Men's 100m Split Times - by athletics meeting

LAST UPDATE: 17-May-25

2025 Jetour Doha Meeting (Doha, QAT)

Invitational FINAL

date 16-May-25 wind 1.1 m/s — *Omega Timing (2025) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Akintan, Sunday Ogun (NGR) (20(		time	1.78	2.80	3.72	4.61	5.48	6.36	7.24	8.13	9.03	10.01	10.01	4 / 1			
reaction time	0.147	interval		1.02	0.92	0.89	0.87	0.88	0.88	0.89	0.90	0.98	PB	# of strides	3.72	2.64	2.67
		velocity	5.62	9.80	10.87	11.24	11.49	11.36	11.36	11.24	11.11	10.20	9.99		8.06	11.36	11.24
Masoud, Abdullah Othman (QAT)		time	1.87	2.94	3.90	4.81	5.71	6.60	7.49	8.38	9.29	10.30	10.30	3 / 2			
reaction time	0.159	interval		1.07	0.96	0.91	0.90	0.89	0.89	0.89	0.91	1.01	PB	# of strides	3.90	2.70	2.69
		velocity	5.35	9.35	10.42	10.99	11.11	11.24	11.24	11.24	10.99	9.90	9.71		7.69	11.11	11.15
Khamis, Jabar (QAT) (2007)		time	1.82	2.89	3.85	4.77	5.67	6.58	7.48	8.39	9.32	10.34	10.34	6 / 3			
reaction time	0.155	interval		1.07	0.96	0.92	0.90	0.91	0.90	0.91	0.93	1.02	PB	# of strides	3.85	2.73	2.74
		velocity	5.49	9.35	10.42	10.87	11.11	10.99	11.11	10.99	10.75	9.80	9.67		7.79	10.99	10.95
Aremu, Farouk (NGR) (2007)		time	1.90	2.96	3.91	4.82	5.73	6.63	7.54	8.46	9.38	10.41	10.41	8 / 4			
reaction time	0.190	interval		1.06	0.95	0.91	0.91	0.90	0.91	0.92	0.92	1.03	PB	# of strides	3.91	2.72	2.75
		velocity	5.26	9.43	10.53	10.99	10.99	11.11	10.99	10.87	10.87	9.71	9.61		7.67	11.03	10.91
Youssouf, Mahamat Goubaye (CH		time	1.91	3.01	3.97	4.89	5.79	6.68	7.56	8.45	9.43	10.61	10.61	1 / 5			
reaction time	0.188	interval		1.10	0.96	0.92	0.90	0.89	0.88	0.89	0.98	1.18		# of strides	3.97	2.71	2.75
		velocity	5.24	9.09	10.42	10.87	11.11	11.24	11.36	11.24	10.20	8.47	9.43		7.56	11.07	10.91
Diaz, Lazaro (CUB) (2004)		time	1.91	3.00	4.00	4.97	5.92	6.86	7.80	8.75	9.71	10.78	10.78	2 / 6			
reaction time	0.143	interval		1.09	1.00	0.97	0.95	0.94	0.94	0.95	0.96	1.07		# of strides	4.00	2.86	2.85
		velocity	5.24	9.17	10.00	10.31	10.53	10.64	10.64	10.53	10.42	9.35	9.28		7.50	10.49	10.53
Susso, Abdoulie (GAM)		time	1.96	3.08	4.09	5.05	5.99	6.92	7.85	8.80	9.76	10.80	10.80	5 / 7			
reaction time	0.195	interval		1.12	1.01	0.96	0.94	0.93	0.93	0.95	0.96	1.04	PB	# of strides	4.09	2.83	2.84
		velocity	5.10	8.93	9.90	10.42	10.64	10.75	10.75	10.53	10.42	9.62	9.26		7.33	10.60	10.56

West Asian GP

date 16-May-25 wind 1.4 m/s — *Omega Timing (2025) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Abdel Wahed, Saif Raad (IRQ) (20(		time	1.87	2.96	3.91	4.81	5.71	6.59	7.47	8.37	9.26	10.22	10.22	3 / 1			
reaction time	0.161	interval		1.09	0.95	0.90	0.90	0.88	0.88	0.90	0.89	0.96	NR	# of strides	3.91	2.68	2.67
		velocity	5.35	9.17	10.53	11.11	11.11	11.36	11.36	11.11	11.24	10.42	9.78	48.7	7.67	11.19	11.24
Al Balushi, Malham (OMA) (2000)		time	1.82	2.85	3.79	4.69	5.59	6.49	7.39	8.29	9.20	10.22	10.22	5 / 2			
reaction time	0.159	interval		1.03	0.94	0.90	0.90	0.90	0.90	0.90	0.91	1.02	PB	# of strides	3.79	2.70	2.71
		velocity	5.49	9.71	10.64	11.11	11.11	11.11	11.11	11.11	10.99	9.80	9.78	46.5	7.92	11.11	11.07
Azhar, Murtadha (IRQ) (2000)		time	1.86	2.92	3.87	4.78	5.69	6.58	7.48	8.41	9.33	10.34	10.34	6 / 3			
reaction time	0.140	interval		1.06	0.95	0.91	0.91	0.89	0.90	0.93	0.92	1.01	PB	# of strides	3.87	2.71	2.75
		velocity	5.38	9.43	10.53	10.99	10.99	11.24	11.11	10.75	10.87	9.90	9.67	47.0	7.75	11.07	10.91
Al-Saadi, Mohamed Obaid (OMA)		time	1.88	2.97	3.94	4.87	5.78	6.68	7.59	8.50	9.42	10.44	10.44	2 / 4			
reaction time	0.165	interval		1.09	0.97	0.93	0.91	0.90	0.91	0.91	0.92	1.02	PB	# of strides	3.94	2.74	2.74
		velocity	5.32	9.17	10.31	10.75	10.99	11.11	10.99	10.99	10.87	9.80	9.58	47.7	7.61	10.95	10.95
Hadid, Noureddine (LBN) (1993)		time	1.93	3.02	3.99	4.92	5.83	6.74	7.64	8.56	9.51	10.53	10.53	7 / 5			
reaction time	0.167	interval		1.09	0.97	0.93	0.91	0.91	0.90	0.92	0.95	1.02		# of strides	3.99	2.75	2.77
		velocity	5.18	9.17	10.31	10.75	10.99	10.99	11.11	10.87	10.53	9.80	9.50	43.7	7.52	10.91	10.83
Jumaah, Jassim (QAT) (2009)		time	1.87	2.96	3.92	4.86	5.79	6.72	7.66	8.61	9.57	10.61	10.61	4 / 6			
reaction time	0.131	interval		1.09	0.96	0.94	0.93	0.93	0.94	0.95	0.96	1.04	PB	# of strides	3.92	2.80	2.85
		velocity	5.35	9.17	10.42	10.64	10.75	10.75	10.64	10.53	10.42	9.62	9.43	45.0	7.65	10.71	10.53
Al Awamleh, Zaid (JOR) (2002)		time	2.01	3.05	4.04	4.98	5.92	6.85	7.77	8.69	9.62	10.63	10.63	1 / 7			
reaction time	0.195	interval		1.04	0.99	0.94	0.94	0.93	0.92	0.92	0.93	1.01		# of strides	4.04	2.81	2.77
		velocity	4.98	9.62	10.10	10.64	10.64	10.75	10.87	10.87	10.75	9.90	9.41	48.0	7.43	10.68	10.83

2025 Grand Slam Track Miami (Miramar, FL)

Short Hurdles

date 04-May-25 wind 0.7 m/s — *Grand Slam Track (2025) - results and splits by race*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cunningham, Trey (USA) (1998)		time	1.98	2.99	3.93	4.83	5.75	6.67	7.61	8.29	9.36	10.17	10.17	3 / 1			
reaction time	0.170	interval		1.01	0.94	0.90	0.92	0.92	0.94	0.68	1.07	0.81	PB	# of strides	3.93	2.74	2.69
		velocity	5.05	9.90	10.64	11.11	10.87	10.87	10.64	14.71	9.35	12.35	9.83	44.0	7.63	10.95	11.15
Britt, Jamal (USA) (1998)		time	1.97	3.00	3.95	4.86	5.75	6.67	7.48	8.43	9.23	10.20	10.20	1 / 2			
reaction time	0.160	interval		1.03	0.95	0.91	0.89	0.92	0.81	0.95	0.80	0.97	=PB	# of strides	3.95	2.72	2.56
		velocity	5.08	9.71	10.53	10.99	11.24	10.87	12.35	10.53	12.50	10.31	9.80	42.0	7.59	11.03	11.72
Zhoya, Sasha (FRA) (2002)		time	1.98	3.02	3.98	4.89	5.80	6.71	7.58	8.59	9.53	10.36	10.36	5 / 3			
reaction time	0.170	interval		1.04	0.96	0.91	0.91	0.91	0.87	1.01	0.94	0.83	PB	# of strides	3.98	2.73	2.82

WR = World Rec. AR = Area Rec. OR = Olympic Rec. CR = Championship Rec. NR = National Rec. PB = Personal Best DQ = Disqualified DV = Drug Violation

		velocity	5.05	9.62	10.42	10.99	10.99	10.99	11.49	9.90	10.64	12.05	9.65	46.0	7.54	10.99	10.64
Roberts, Daniel (USA) (1998)		time	1.96	2.99	3.95	4.89	5.81	6.73	7.70	8.60	9.56	10.40	10.40	4 / 4			
reaction time	0.200	interval		1.03	0.96	0.94	0.92	0.92	0.97	0.90	0.96	0.84	PB	# of strides	3.95	2.78	2.83
		velocity	5.10	9.71	10.42	10.64	10.87	10.87	10.31	11.11	10.42	11.90	9.62	45.0	7.59	10.79	10.60
Beard, Dylan (USA) (1998)		time	2.02	3.06	4.04	4.96	5.89	6.86	7.73	8.69	9.67	10.63	10.63	2 / 5			
reaction time	0.180	interval		1.04	0.98	0.92	0.93	0.97	0.87	0.96	0.98	0.96		# of strides	4.04	2.82	2.81
		velocity	4.95	9.62	10.20	10.87	10.75	10.31	11.49	10.42	10.20	10.42	9.41	45.7	7.43	10.64	10.68
Obasuyi, Michael (BEL) (1999)		time	2.08	3.14	4.11	5.05	5.98	6.92	7.84	8.78	9.73	10.67	10.67	7 / 6			
reaction time	0.160	interval		1.06	0.97	0.94	0.93	0.94	0.92	0.94	0.95	0.94		# of strides	4.11	2.81	2.81
		velocity	4.81	9.43	10.31	10.64	10.75	10.64	10.87	10.64	10.53	10.64	9.37	46.5	7.30	10.68	10.68
Crittenden, Freddie (USA) (1994)		time	2.05	3.13	4.11	5.05	5.97	6.90	7.82	8.78	9.77	10.68	10.68	6 / 7			
reaction time	0.170	interval		1.08	0.98	0.94	0.92	0.93	0.92	0.96	0.99	0.91	PB	# of strides	4.11	2.79	2.87
		velocity	4.88	9.26	10.20	10.64	10.87	10.75	10.87	10.42	10.10	10.99	9.36	45.7	7.30	10.75	10.45

Short Sprints

date 03-May-25 wind 2.4 m/s

Grand Slam Track (2025) - results and splits by race

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bednarek, Kenneth (USA) (1998)		time	1.94	2.94	3.85	4.73	5.58	6.44	7.28	8.09	8.95	9.79	9.79	5 / 1			
reaction time	0.160	interval		1.00	0.91	0.88	0.85	0.86	0.84	0.81	0.86	0.84		# of strides	3.85	2.59	2.51
		velocity	5.15	10.00	10.99	11.36	11.76	11.63	11.90	12.35	11.63	11.90	10.21	43.0	7.79	11.58	11.95
Seville, Oblique (JAM) (2001)		time	1.95	2.95	3.87	4.74	5.60	6.42	7.27	8.13	8.97	9.84	9.84	4 / 2			
reaction time	0.190	interval		1.00	0.92	0.87	0.86	0.82	0.85	0.86	0.84	0.87		# of strides	3.87	2.55	2.55
		velocity	5.13	10.00	10.87	11.49	11.63	12.20	11.76	11.63	11.90	11.49	10.16	47.0	7.75	11.76	11.76
Blake, Ackeem (JAM) (2002)		time	1.92	2.92	3.85	4.72	5.58	6.42	7.26	8.17	8.97	9.85	9.85	3 / 3			
reaction time	0.160	interval		1.00	0.93	0.87	0.86	0.84	0.84	0.91	0.80	0.88		# of strides	3.85	2.57	2.55
		velocity	5.21	10.00	10.75	11.49	11.63	11.90	11.90	10.99	12.50	11.36	10.15	45.5	7.79	11.67	11.76
Hughes, Zharnel (GBR) (1995)		time	2.02	3.04	3.95	4.82	5.67	6.51	7.35	8.19	9.02	9.87	9.87	6 / 4			
reaction time	0.120	interval		1.02	0.91	0.87	0.85	0.84	0.84	0.84	0.83	0.85		# of strides	3.95	2.56	2.51
		velocity	4.95	9.80	10.99	11.49	11.76	11.90	11.90	11.90	12.05	11.76	10.13	45.0	7.59	11.72	11.95
Hicklin, Brandon (USA) (1999)		time	1.97	3.00	3.95	4.82	5.69	6.59	7.38	8.29	9.17	9.98	9.98	2 / 5			
reaction time	0.180	interval		1.03	0.95	0.87	0.87	0.90	0.79	0.91	0.88	0.81		# of strides	3.95	2.64	2.58
		velocity	5.08	9.71	10.53	11.49	11.49	11.11	12.66	10.99	11.36	12.35	10.02	44.0	7.59	11.36	11.63
Richardson, Benjamin (RSA) (200		time	1.99	2.99	3.91	4.81	5.71	6.55	7.38	8.23	9.25	9.99	9.99	8 / 6			
reaction time	0.180	interval		1.00	0.92	0.90	0.90	0.84	0.83	0.85	1.02	0.74		# of strides	3.91	2.64	2.70
		velocity	5.03	10.00	10.87	11.11	11.11	11.90	12.05	11.76	9.80	13.51	10.01	42.2	7.67	11.36	11.11
Blake, Jerome (CAN) (1995)		time	2.03	3.07	4.02	4.90	5.77	6.66	7.52	8.43	9.20	10.04	10.04	1 / 7			
reaction time	0.200	interval		1.04	0.95	0.88	0.87	0.89	0.86	0.91	0.77	0.84		# of strides	4.02	2.64	2.54
		velocity	4.93	9.62	10.53	11.36	11.49	11.24	11.63	10.99	12.99	11.90	9.96	42.0	7.46	11.36	11.81
de Grasse, Andre (CAN) (1994)		time	2.02	3.07	3.99	4.86	5.73	6.57	7.43	8.31	9.16	10.05	10.05	7 / 8			
reaction time	0.190	interval		1.05	0.92	0.87	0.87	0.84	0.86	0.88	0.85	0.89		# of strides	3.99	2.58	2.59
		velocity	4.95	9.52	10.87	11.49	11.49	11.90	11.63	11.36	11.76	11.24	9.95	46.0	7.52	11.63	11.58

2025 Yangtze River Delta Athletics Diamond Gala (Keqiao, CHN)

FINAL

date 03-May-25 wind 0.5 m/s

Omega Timing (2025) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Simbine, Akani (RSA) (1993)		time	1.93	2.97	3.91	4.80	5.68	6.54	7.39	8.24	9.11	9.98	9.98	5 / 1			
reaction time	0.156	interval		1.04	0.94	0.89	0.88	0.86	0.85	0.85	0.87	0.87		# of strides	3.91	2.63	2.57
		velocity	5.18	9.62	10.64	11.24	11.36	11.63	11.76	11.76	11.49	11.49	10.02	47.0	7.67	11.41	11.67
Thompson, Kishane (JAM) (2001)		time	1.90	2.94	3.86	4.76	5.62	6.49	7.35	8.22	9.10	9.99	9.99	4 / 2			
reaction time	0.165	interval		1.04	0.92	0.90	0.86	0.87	0.86	0.87	0.88	0.89		# of strides	3.86	2.63	2.61
		velocity	5.26	9.62	10.87	11.11	11.63	11.49	11.63	11.49	11.36	11.24	10.01	45.5	7.77	11.41	11.49
Tebogo, Letsile (BOT) (2003)		time	1.91	2.96	3.90	4.81	5.69	6.57	7.43	8.29	9.17	10.03	10.03	3 / 3			
reaction time	0.161	interval		1.05	0.94	0.91	0.88	0.88	0.86	0.86	0.88	0.86		# of strides	3.90	2.67	2.60
		velocity	5.24	9.52	10.64	10.99	11.36	11.36	11.63	11.63	11.36	11.63	9.97	44.0	7.69	11.24	11.54
Eseme Emmanuel (CMR) (1993)		time	1.86	3.01	3.95	4.86	5.73	6.60	7.46	8.32	9.19	10.07	10.07	2 / 4			
reaction time	0.144	interval		1.15	0.94	0.91	0.87	0.87	0.86	0.86	0.87	0.88		# of strides	3.95	2.65	2.59
		velocity	5.38	8.70	10.64	10.99	11.49	11.49	11.63	11.63	11.49	11.36	9.93	44.0	7.59	11.32	11.58
Coleman, Christian (USA) (1996)		time	1.92	2.97	3.89	4.80	5.69	6.55	7.43	8.32	9.22	10.13	10.13	6 / 5			
reaction time	0.152	interval		1.05	0.92	0.91	0.89	0.86	0.88	0.89	0.90	0.91		# of strides	3.89	2.66	2.67
		velocity	5.21	9.52	10.87	10.99	11.24	11.63	11.36	11.24	11.11	10.99	9.87	48.0	7.71	11.28	11.24
Watson, Rohan (JAM) (2002)		0.155	no information available										10.18	1 / 6	# of strides		49.0

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m				
Azu, Jeremiah (GBR) (2001)		time	1.90	2.95	3.91	4.83	5.73	6.61	7.50	8.39	9.29	10.19	10.19	8 / 7		
reaction time	0.145	interval		1.05	0.96	0.92	0.90	0.88	0.89	0.89	0.90	0.90		# of strides	3.91	2.70	2.68
		velocity	5.26	9.52	10.42	10.87	11.11	11.36	11.24	11.24	11.11	11.11	9.81	47.0	7.67	11.11	11.19
Xie Zhenye (CHN) (1993)		time	1.96	3.01	3.96	4.88	5.78	6.66	7.53	8.41	9.31	10.23	10.23	9 / 8		
reaction time	0.183	interval		1.05	0.95	0.92	0.90	0.88	0.87	0.88	0.90	0.92		# of strides	3.96	2.70	2.65
		velocity	5.10	9.52	10.53	10.87	11.11	11.36	11.49	11.36	11.11	10.87	9.78	47.0	7.58	11.11	11.32
Omanyala, Ferdinand (KEN) (1996)		time	1.90	2.96	3.92	4.83	5.71	6.59	7.48	8.38	9.30	10.25	10.25	7 / 9		
reaction time	0.146	interval		1.06	0.96	0.91	0.88	0.88	0.89	0.90	0.92	0.95		# of strides	3.92	2.67	2.71
		velocity	5.26	9.43	10.42	10.99	11.36	11.36	11.24	11.11	10.87	10.53	9.76	48.0	7.65	11.24	11.07

2025 Xiamen Diamond League (Xiamen, CHN)

FINAL

date 26-Apr-25 wind 0.2 m/s *Omega Timing (2025) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Simbine, Akani (RSA) (1993)		time	1.92	2.96	3.90	4.80	5.67	6.52	7.37	8.23	9.10	9.99	9.99	5 / 1			
reaction time	0.145	interval		1.04	0.94	0.90	0.87	0.85	0.85	0.86	0.87	0.89		# of strides	3.90	2.62	2.58
		velocity	5.21	9.62	10.64	11.11	11.49	11.76	11.76	11.63	11.49	11.24	10.01	47.0	7.69	11.45	11.63
Omanyala, Ferdinand (KEN) (1996)		time	1.95	3.00	3.94	4.85	5.72	6.60	7.47	8.35	9.24	10.13	10.13	3 / 2			
reaction time	0.149	interval		1.05	0.94	0.91	0.87	0.88	0.87	0.88	0.89	0.89		# of strides	3.94	2.66	2.64
		velocity	5.13	9.52	10.64	10.99	11.49	11.36	11.49	11.36	11.24	11.24	9.87	48.0	7.61	11.28	11.36
Azu, Jeremiah (GBR) (2001)		time	1.90	2.95	3.90	4.82	5.72	6.59	7.46	8.35	9.25	10.17	10.17	7 / 3			
reaction time	0.137	interval		1.05	0.95	0.92	0.90	0.87	0.87	0.89	0.90	0.92		# of strides	3.90	2.69	2.66
		velocity	5.26	9.52	10.53	10.87	11.11	11.49	11.49	11.24	11.11	10.87	9.83	46.7	7.69	11.15	11.28
Coleman, Christian (USA) (1996)		time	1.89	2.94	3.90	4.79	5.68	6.55	7.43	8.32	9.24	10.18	10.18	4 / 4			
reaction time	0.149	interval		1.05	0.96	0.89	0.89	0.87	0.88	0.89	0.92	0.94		# of strides	3.90	2.65	2.69
		velocity	5.29	9.52	10.42	11.24	11.24	11.49	11.36	11.24	10.87	10.64	9.82	48.0	7.69	11.32	11.15
Kennedy, Lachlan (AUS) (2003)		time	1.93	2.96	3.91	4.82	5.71	6.58	7.45	8.35	9.25	10.18	10.18	10 / 5			
reaction time	0.141	interval		1.03	0.95	0.91	0.89	0.87	0.87	0.90	0.90	0.93		# of strides	3.91	2.67	2.67
		velocity	5.18	9.71	10.53	10.99	11.24	11.49	11.49	11.11	11.11	10.75	9.82	48.5	7.67	11.24	11.24
Eseme Emmanuel (CMR) (1993)		time	2.00	3.05	4.00	4.91	5.78	6.64	7.51	8.39	9.28	10.19	10.19	8 / 6			
reaction time	0.166	interval		1.05	0.95	0.91	0.87	0.86	0.87	0.88	0.89	0.91		# of strides	4.00	2.64	2.64
		velocity	5.00	9.52	10.53	10.99	11.49	11.63	11.49	11.36	11.24	10.99	9.81	44.0	7.50	11.36	11.36
Tebogo, Letsile (BOT) (2003)		time	1.93	3.00	3.95	4.86	5.74	6.61	7.48	8.36	9.26	10.20	10.20	6 / 7			
reaction time	0.159	interval		1.07	0.95	0.91	0.88	0.87	0.87	0.88	0.90	0.94		# of strides	3.95	2.66	2.65
		velocity	5.18	9.35	10.53	10.99	11.36	11.49	11.49	11.36	11.11	10.64	9.80	44.0	7.59	11.28	11.32
Xie Zhenye (CHN) (1993)		time	1.96	3.00	3.96	4.86	5.74	6.61	7.48	8.38	9.30	10.23	10.23	9 / 8			
reaction time	0.145	interval		1.04	0.96	0.90	0.88	0.87	0.87	0.90	0.92	0.93		# of strides	3.96	2.65	2.69
		velocity	5.10	9.62	10.42	11.11	11.36	11.49	11.49	11.11	10.87	10.75	9.78	47.5	7.58	11.32	11.15
Watson, Rohan (JAM) (2002)		time	1.94	3.00	3.96	4.89	5.78	6.67	7.58	8.49	9.39	10.31	10.31	1 / 9			
reaction time	0.150	interval		1.06	0.96	0.93	0.89	0.89	0.91	0.91	0.90	0.92		# of strides	3.96	2.71	2.72
		velocity	5.15	9.43	10.42	10.75	11.24	11.24	10.99	10.99	11.11	10.87	9.70	49.0	7.58	11.07	11.03
Sani Brown, Abdul Hakim (JPN) (1		time	1.98	3.04	3.99	4.91	5.82	6.72	7.61	8.52	9.45	10.42	10.42	2 / 10			
reaction time	0.163	interval		1.06	0.95	0.92	0.91	0.90	0.89	0.91	0.93	0.97		# of strides	3.99	2.73	2.73
		velocity	5.05	9.43	10.53	10.87	10.99	11.11	11.24	10.99	10.75	10.31	9.60	45.0	7.52	10.99	10.99

National - Heat B

date 26-Apr-25 wind 0.3 m/s *Omega Timing (2025) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Chen Yuhui (CHN) (2004)		0.154	no information available										10.79	8 / 1	# of strides		
Chen Peirong (CHN) (2001)		time	2.07	3.17	4.19	5.14	6.09	7.02	7.97	8.94	9.91	10.92	10.92	10 / 2			
reaction time	0.211	interval		1.10	1.02	0.95	0.95	0.93	0.95	0.97	0.97	1.01	PB	# of strides	4.19	2.83	2.89
		velocity	4.83	9.09	9.80	10.53	10.53	10.75	10.53	10.31	10.31	9.90	9.16		7.16	10.60	10.38
Zheng Yongyuan (CHN) (2000)		time	1.98	3.10	4.12	5.07	6.04	6.98	7.94	8.91	9.90	10.92	10.92	3 / 3			
reaction time	0.151	interval		1.12	1.02	0.95	0.97	0.94	0.96	0.97	0.99	1.02	PB	# of strides	4.12	2.86	2.92
		velocity	5.05	8.93	9.80	10.53	10.31	10.64	10.42	10.31	10.10	9.80	9.16		7.28	10.49	10.27
Zeng Shihan (CHN) (2009)		time	2.01	3.13	4.14	5.11	6.07	7.02	7.98	8.95	9.95	10.98	10.98	4 / 4			
reaction time	0.160	interval		1.12	1.01	0.97	0.96	0.95	0.96	0.97	1.00	1.03	PB	# of strides	4.14	2.88	2.93
		velocity	4.98	8.93	9.90	10.31	10.42	10.53	10.42	10.31	10.00	9.71	9.11		7.25	10.42	10.24
Fang Haoyang (CHN) (2003)		time	1.97	3.08	4.10	5.09	6.05	7.02	8.00	9.00	9.99	11.04	11.04	9 / 5			
reaction time	0.141	interval		1.11	1.02	0.99	0.96	0.97	0.98	1.00	0.99	1.05	PB	# of strides	4.10	2.92	2.97
		velocity	5.08	9.01	9.80	10.10	10.42	10.31	10.20	10.00	10.10	9.52	9.06		7.32	10.27	10.10

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zhang Zhen (CHN) (2003)		time	2.03	3.15	4.18	5.17	6.14	7.11	8.08	9.08	10.09	11.14	11.14	6 / 6			
reaction time	0.146	interval		1.12	1.03	0.99	0.97	0.97	0.97	1.00	1.01	1.05	PB	# of strides	4.18	2.93	2.98
		velocity	4.93	8.93	9.71	10.10	10.31	10.31	10.31	10.00	9.90	9.52	8.98		7.18	10.24	10.07
Xie Chengqi (CHN) (2008)	0.194	no information available										PB	11.35	1 / 7			
Huang Yiqian (CHN) (2009)		time	2.10	3.25	4.28	5.27	6.26	7.22	8.23	9.26	10.32	11.41	11.41	2 / 8			
reaction time	0.163	interval		1.15	1.03	0.99	0.99	0.96	1.01	1.03	1.06	1.09	PB	# of strides	4.28	2.94	3.10
		velocity	4.76	8.70	9.71	10.10	10.10	10.42	9.90	9.71	9.43	9.17	8.76		7.01	10.20	9.68
Zhang Chenshuo (CHN) (2002)		time	2.17	3.41	4.54	5.63	6.70	7.76	8.81	9.89	10.98	12.19	12.19	7 / 9			
reaction time	0.191	interval		1.24	1.13	1.09	1.07	1.06	1.05	1.08	1.09	1.21	PB	# of strides	4.54	3.22	3.22
		velocity	4.61	8.06	8.85	9.17	9.35	9.43	9.52	9.26	9.17	8.26	8.20		6.61	9.32	9.32

National - Heat A

date 26-Apr-25 wind 0.5 m/s

Omega Timing (2025) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zhang Tao (CHN) (2003)		time	1.98	3.07	4.04	4.98	5.90	6.80	7.70	8.63	9.59	10.55	10.55	5 / 1			
reaction time	0.156	interval		1.09	0.97	0.94	0.92	0.90	0.90	0.93	0.96	0.96	PB	# of strides	4.04	2.76	2.79
		velocity	5.05	9.17	10.31	10.64	10.87	11.11	11.11	10.75	10.42	10.42	9.48		7.43	10.87	10.75
Cheng Zhu Yu (CHN) (2006)		time	2.07	3.19	4.20	5.16	6.11	7.05	8.00	8.96	9.94	10.95	10.95	3 / 2			
reaction time	0.198	interval		1.12	1.01	0.96	0.95	0.94	0.95	0.96	0.98	1.01	PB	# of strides	4.20	2.85	2.89
		velocity	4.83	8.93	9.90	10.42	10.53	10.64	10.53	10.42	10.20	9.90	9.13		7.14	10.53	10.38
Wang Xiaoyan (CHN) (1991)		time	2.08	3.20	4.21	5.18	6.14	7.09	8.05	9.02	10.00	11.01	11.01	2 / 3			
reaction time	0.199	interval		1.12	1.01	0.97	0.96	0.95	0.96	0.97	0.98	1.01	PB	# of strides	4.21	2.88	2.91
		velocity	4.81	8.93	9.90	10.31	10.42	10.53	10.42	10.31	10.20	9.90	9.08		7.13	10.42	10.31
Aiertamu Aizihaer (CHN) (2001)		time	2.05	3.16	4.18	5.16	6.11	7.06	8.03	9.00	10.01	11.03	11.03	8 / 4			
reaction time	0.179	interval		1.11	1.02	0.98	0.95	0.95	0.97	0.97	1.01	1.02		# of strides	4.18	2.88	2.95
		velocity	4.88	9.01	9.80	10.20	10.53	10.53	10.31	10.31	9.90	9.80	9.07		7.18	10.42	10.17
Cui Kunlun (CHN) (2001)		time	1.99	3.13	4.15	5.15	6.11	7.07	8.04	9.03	10.03	11.06	11.06	9 / 5			
reaction time	0.167	interval		1.14	1.02	1.00	0.96	0.96	0.97	0.99	1.00	1.03	PB	# of strides	4.15	2.92	2.96
		velocity	5.03	8.77	9.80	10.00	10.42	10.42	10.31	10.10	10.00	9.71	9.04		7.23	10.27	10.14
Liu Dian (CHN) (2005)		time	2.06	3.19	4.22	5.22	6.20	7.20	8.19	9.20	10.26	11.33	11.33	4 / 6			
reaction time	0.158	interval		1.13	1.03	1.00	0.98	1.00	0.99	1.01	1.06	1.07	PB	# of strides	4.22	2.98	3.06
		velocity	4.85	8.85	9.71	10.00	10.20	10.00	10.10	9.90	9.43	9.35	8.83		7.11	10.07	9.80
Bu Yunhan (CHN) (1984)		time	2.08	3.19	4.23	5.22	6.20	7.20	8.22	9.26	10.32	11.43	11.43	10 / 7			
reaction time	0.207	interval		1.11	1.04	0.99	0.98	1.00	1.02	1.04	1.06	1.11	PB	# of strides	4.23	2.97	3.12
		velocity	4.81	9.01	9.62	10.10	10.20	10.00	9.80	9.62	9.43	9.01	8.75		7.09	10.10	9.62
Hu Zhenyu (CHN) (2007)		time	2.15	3.33	4.37	5.38	6.38	7.36	8.36	9.36	10.38	11.45	11.45	1 / 8			
reaction time	0.173	interval		1.18	1.04	1.01	1.00	0.98	1.00	1.00	1.02	1.07	PB	# of strides	4.37	2.99	3.02
		velocity	4.65	8.47	9.62	9.90	10.00	10.20	10.00	10.00	9.80	9.35	8.73		6.86	10.03	9.93
Liu Siyuan (CHN)		time	2.14	3.31	4.38	5.41	6.41	7.40	8.41	9.43	10.47	11.56	11.56	7 / 9			
reaction time	0.200	interval		1.17	1.07	1.03	1.00	0.99	1.01	1.02	1.04	1.09	PB	# of strides	4.38	3.02	3.07
		velocity	4.67	8.55	9.35	9.71	10.00	10.10	9.90	9.80	9.62	9.17	8.65		6.85	9.93	9.77
Liu Renyuan (CHN) (1988)		time	2.16	3.38	4.49	5.54	6.60	7.63	8.67	9.73	10.81	11.97	11.97	6 / 10			
reaction time	0.197	interval		1.22	1.11	1.05	1.06	1.03	1.04	1.06	1.08	1.16	PB	# of strides	4.49	3.14	3.18
		velocity	4.63	8.20	9.01	9.52	9.43	9.71	9.62	9.43	9.26	8.62	8.35		6.68	9.55	9.43

2025 European Athletics Indoor Championships (Apeldoorn, NED)

FINAL

date 08-Mar-25

European Athletics (2025) - european athletics indoor championships results book

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Azu, Jeremiah (GBR) (2001)		time	1.81	2.86	3.80	4.70	5.59	6.49	6.49	4 / 1			
reaction time	0.129	interval		1.05	0.94	0.90	0.89	0.90	PB	# of strides	3.80	2.69	
		velocity	5.52	9.52	10.64	11.11	11.24	11.11	9.24	30.0	7.89	11.15	
Larsson, Henrik (SWE) (1999)		time	1.88	2.93	3.87	4.77	5.65	6.52	6.52	7 / 2			
reaction time	0.138	interval		1.05	0.94	0.90	0.88	0.87	NR	# of strides	3.87	2.65	
		velocity	5.32	9.52	10.64	11.11	11.36	11.49	9.20	30.2	7.75	11.32	
Robertson, Andrew (GBR) (1990)		time	1.85	2.89	3.83	4.74	5.63	6.55	6.55	6 / 3			
reaction time	0.138	interval		1.04	0.94	0.91	0.89	0.92		# of strides	3.83	2.72	
		velocity	5.41	9.62	10.64	10.99	11.24	10.87	9.16	32.0	7.83	11.03	
Afrifa, Elvis (NED) (1997)		time	1.89	2.94	3.88	4.79	5.67	6.55	6.55	3 / 4			
reaction time	0.157	interval		1.05	0.94	0.91	0.88	0.88	NR	# of strides	3.88	2.67	
		velocity	5.29	9.52	10.64	10.99	11.36	11.36	9.16	29.5	7.73	11.24	
Kranz, Kevin (GER) (1998)		time	1.82	2.88	3.84	4.75	5.65	6.57	6.57	8 / 5			

reaction time	0.125	interval		1.06	0.96	0.91	0.90	0.92		# of strides	3.84	2.73	
		velocity	5.49	9.43	10.42	10.99	11.11	10.87	9.13	29.5	7.81	10.99	
Crespi, Guillem (ESP) (2002)		time	1.89	2.95	3.89	4.81	5.70	6.59	6.59	5 / 6			
reaction time	0.138	interval		1.06	0.94	0.92	0.89	0.89		# of strides	3.89	2.70	
		velocity	5.29	9.43	10.64	10.87	11.24	11.24	9.10	30.0	7.71	11.11	
Nascimento, Carlos (POR) (1994)		time	1.86	2.91	3.87	4.78	5.69	6.62	6.62	2 / 7			
reaction time	0.131	interval		1.05	0.96	0.91	0.91	0.93		# of strides	3.87	2.75	
		velocity	5.38	9.52	10.42	10.99	10.99	10.75	9.06	30.7	7.75	10.91	
Burnet, Taymir (NED) (1992)		time	1.89	2.96	3.93	4.84	5.75	6.66	6.66	1 / 8			
reaction time	0.131	interval		1.07	0.97	0.91	0.91	0.91		# of strides	3.93	2.73	
		velocity	5.29	9.35	10.31	10.99	10.99	10.99	9.01	28.5	7.63	10.99	

Semi-Final 3

date 08-Mar-25

European Athletics (2025) - european athletics indoor championships results book

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Crespi, Guillem (ESP) (2002)		time	1.90	2.95	3.90	4.81	5.70	6.58	6.58	1 / 1			
reaction time	0.163	interval		1.05	0.95	0.91	0.89	0.88	PB	# of strides	3.90	2.68	
		velocity	5.26	9.52	10.53	10.99	11.24	11.36	9.12		7.69	11.19	
Nascimento, Carlos (POR) (1994)		time	1.88	2.93	3.89	4.80	5.70	6.61	6.61	6 / 2			
reaction time	0.127	interval		1.05	0.96	0.91	0.90	0.91	=PB	# of strides	3.89	2.72	
		velocity	5.32	9.52	10.42	10.99	11.11	10.99	9.08		7.71	11.03	
Nazarov, Karl Erik (EST) (1999)		time	1.90	2.96	3.92	4.83	5.74	6.65	6.65	3 / 3			
reaction time	0.144	interval		1.06	0.96	0.91	0.91	0.91		# of strides	3.92	2.73	
		velocity	5.26	9.43	10.42	10.99	10.99	10.99	9.02		7.65	10.99	
Ganter, Robin (GER) (2001)		time	1.89	2.96	3.93	4.85	5.74	6.65	6.65	4 / 3			
reaction time	0.131	interval		1.07	0.97	0.92	0.89	0.91		# of strides	3.93	2.72	
		velocity	5.29	9.35	10.31	10.87	11.24	10.99	9.02		7.63	11.03	
Otugade, John (GBR) (1995)		time	1.95	3.00	3.96	4.87	5.77	6.67	6.67	2 / 5			
reaction time	0.130	interval		1.05	0.96	0.91	0.90	0.90		# of strides	3.96	2.71	
		velocity	5.13	9.52	10.42	10.99	11.11	11.11	9.00		7.58	11.07	
Ceccarelli, Samuele (ITA) (2000)		time	1.89	2.95	3.92	4.85	5.75	6.68	6.68	8 / 6			
reaction time	0.123	interval		1.06	0.97	0.93	0.90	0.93		# of strides	3.92	2.76	
		velocity	5.29	9.43	10.31	10.75	11.11	10.75	8.98		7.65	10.87	
Lagui, Allan (FRA) (1999)		time	1.89	2.95	3.92	4.86	5.77	6.72	6.72	5 / 7			
reaction time	0.146	interval		1.06	0.97	0.94	0.91	0.95		# of strides	3.92	2.80	
		velocity	5.29	9.43	10.31	10.64	10.99	10.53	8.93		7.65	10.71	
Karamanolov, Nikola (BUL) (2005)		time	1.92	3.00	3.98	4.92	5.84	6.82	6.82	7 / 8			
reaction time	0.168	interval		1.08	0.98	0.94	0.92	0.98		# of strides	3.98	2.84	
		velocity	5.21	9.26	10.20	10.64	10.87	10.20	8.80		7.54	10.56	

Semi-Final 2

date 08-Mar-25

European Athletics (2025) - european athletics indoor championships results book

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Robertson, Andrew (GBR) (1990)		time	1.86	2.90	3.85	4.76	5.65	6.57	6.57	6 / 1			
reaction time	0.136	interval		1.04	0.95	0.91	0.89	0.92		# of strides	3.85	2.72	
		velocity	5.38	9.62	10.53	10.99	11.24	10.87	9.13		7.79	11.03	
Larsson, Henrik (SWE) (1999)		time	1.89	2.95	3.90	4.81	5.69	6.58	6.58	5 / 2			
reaction time	0.145	interval		1.06	0.95	0.91	0.88	0.89		# of strides	3.90	2.68	
		velocity	5.29	9.43	10.53	10.99	11.36	11.24	9.12		7.69	11.19	
Burnet, Taymir (NED) (1992)		time	1.91	2.96	3.92	4.83	5.73	6.61	6.61	4 / 3			
reaction time	0.138	interval		1.05	0.96	0.91	0.90	0.88	PB	# of strides	3.92	2.69	
		velocity	5.24	9.52	10.42	10.99	11.11	11.36	9.08		7.65	11.15	
Akinola, Bori (IRL) (2001)		time	1.91	2.96	3.91	4.83	5.73	6.63	6.63	3 / 4			
reaction time	0.128	interval		1.05	0.95	0.92	0.90	0.90		# of strides	3.91	2.72	
		velocity	5.24	9.52	10.53	10.87	11.11	11.11	9.05		7.67	11.03	
Wolf, Yannick (GER) (2000)		time	1.92	2.98	3.94	4.86	5.76	6.64	6.64	1 / 5			
reaction time	0.143	interval		1.06	0.96	0.92	0.90	0.88		# of strides	3.94	2.70	
		velocity	5.21	9.43	10.42	10.87	11.11	11.36	9.04		7.61	11.11	
Hansen, Simon (DEN) (1998)		time	1.91	2.97	3.94	4.86	5.75	6.66	6.66	2 / 6			
reaction time	0.136	interval		1.06	0.97	0.92	0.89	0.91		# of strides	3.94	2.72	
		velocity	5.24	9.43	10.31	10.87	11.24	10.99	9.01		7.61	11.03	
Awuah Baffour, Stephen (ITA) (20		time	1.93	2.99	3.95	4.87	5.76	6.67	6.67	8 / 7			
reaction time	0.173	interval		1.06	0.96	0.92	0.89	0.91		# of strides	3.95	2.72	

		velocity	5.18	9.43	10.42	10.87	11.24	10.99		9.00		7.59	11.03	
Jordán, Abel (ESP) (2003)		time	1.90	2.95	3.90	4.81	5.70	6.68		6.68	7 / 8			
reaction time	0.129	interval		1.05	0.95	0.91	0.89	0.98			# of strides	3.90	2.78	
		velocity	5.26	9.52	10.53	10.99	11.24	10.20		8.98		7.69	10.79	

Semi-Final 1

date 08-Mar-25

European Athletics (2025) - european athletics indoor championships results book

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Azu, Jeremiah (GBR) (2001)		time	1.85	2.90	3.84	4.75	5.63	6.52	6.52	5 / 1			
reaction time	0.136	interval		1.05	0.94	0.91	0.88	0.89	PB	# of strides	3.84	2.68	
		velocity	5.41	9.52	10.64	10.99	11.36	11.24	9.20		7.81	11.19	
Afrifa, Elvis (NED) (1997)		time	1.89	2.94	3.89	4.79	5.68	6.57	6.57	2 / 2			
reaction time	0.157	interval		1.05	0.95	0.90	0.89	0.89	PB	# of strides	3.89	2.68	
		velocity	5.29	9.52	10.53	11.11	11.24	11.24	9.13		7.71	11.19	
Kranz, Kevin (GER) (1998)		time	1.85	2.91	3.86	4.78	5.68	6.58	6.58	6 / 3			
reaction time	0.143	interval		1.06	0.95	0.92	0.90	0.90		# of strides	3.86	2.72	
		velocity	5.41	9.43	10.53	10.87	11.11	11.11	9.12		7.77	11.03	
Dambrauskas, Adas (LTU) (2005)		time	1.91	2.97	3.92	4.83	5.72	6.62	6.62	8 / 4			
reaction time	0.145	interval		1.06	0.95	0.91	0.89	0.90	NR	# of strides	3.92	2.70	
		velocity	5.24	9.43	10.53	10.99	11.24	11.11	9.06		7.65	11.11	
Wdowik, Oliwer (POL) (2002)		time	1.90	2.96	3.92	4.83	5.74	6.62	6.62	1 / 5			
reaction time	0.136	interval		1.06	0.96	0.91	0.91	0.88		# of strides	3.92	2.70	
		velocity	5.26	9.43	10.42	10.99	10.99	11.36	9.06		7.65	11.11	
Čurin Prapotnik, Anej (SLO) (2003		time	1.91	2.98	3.93	4.86	5.75	6.65	6.65	3 / 6			
reaction time	0.145	interval		1.07	0.95	0.93	0.89	0.90		# of strides	3.93	2.72	
		velocity	5.24	9.35	10.53	10.75	11.24	11.11	9.02		7.63	11.03	
Illovsky, Dominik (HUN) (2002)		time	1.91	2.96	3.91	4.83	5.73	6.65	6.65	4 / 7			
reaction time	0.139	interval		1.05	0.95	0.92	0.90	0.92		# of strides	3.91	2.74	
		velocity	5.24	9.52	10.53	10.87	11.11	10.87	9.02		7.67	10.95	
Reais, William (SUI) (1999)		time	1.98	3.05	4.00	4.92	5.81	6.70	6.70	7 / 8			
reaction time	0.152	interval		1.07	0.95	0.92	0.89	0.89		# of strides	4.00	2.70	
		velocity	5.05	9.35	10.53	10.87	11.24	11.24	8.96		7.50	11.11	

2024 Chinese National Championships (Quzhou, CHN)

FINAL

date 15-Sep-24 wind 0.6 m/s

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
He Jinxian (CHN) (2006)		time	1.92	2.95	3.93	4.83	5.72	6.60	7.49	8.41	9.30	10.21	10.21	6 / 1			
reaction time	0.157	interval		1.03	0.98	0.90	0.89	0.88	0.89	0.92	0.89	0.91		# of strides	3.93	2.67	2.70
		velocity	5.21	9.71	10.20	11.11	11.24	11.36	11.24	10.87	11.24	10.99	9.79	46.0	7.63	11.24	11.11
Li Zeyang (CHN) (2000)		time	1.95	3.00	3.97	4.90	5.81	6.71	7.58	8.46	9.37	10.26	10.26	7 / 2			
reaction time	0.152	interval		1.05	0.97	0.93	0.91	0.90	0.87	0.88	0.91	0.89	PB	# of strides	3.97	2.74	2.66
		velocity	5.13	9.52	10.31	10.75	10.99	11.11	11.49	11.36	10.99	11.24	9.75	45.0	7.56	10.95	11.28
Liu Chang (CHN) (2003)		time	1.98	3.04	4.00	4.91	5.78	6.67	7.56	8.45	9.37	10.27	10.27	3 / 3			
reaction time	0.194	interval		1.06	0.96	0.91	0.87	0.89	0.89	0.89	0.92	0.90	PB	# of strides	4.00	2.67	2.70
		velocity	5.05	9.43	10.42	10.99	11.49	11.24	11.24	11.24	10.87	11.11	9.74	46.7	7.50	11.24	11.11
Suo Gaofei (CHN) (2001)		time	2.00	3.06	3.98	4.90	5.78	6.66	7.53	8.44	9.34	10.28	10.28	4 / 4			
reaction time	0.173	interval		1.06	0.92	0.92	0.88	0.88	0.87	0.91	0.90	0.94		# of strides	3.98	2.68	2.68
		velocity	5.00	9.43	10.87	10.87	11.36	11.36	11.49	10.99	11.11	10.64	9.73	46.7	7.54	11.19	11.19
Jia Runze (CHN) (2003)		time	1.98	3.06	3.98	4.90	5.80	6.71	7.59	8.48	9.42	10.32	10.32	2 / 5			
reaction time	0.164	interval		1.08	0.92	0.92	0.90	0.91	0.88	0.89	0.94	0.90		# of strides	3.98	2.73	2.71
		velocity	5.05	9.26	10.87	10.87	11.11	10.99	11.36	11.24	10.64	11.11	9.69	46.2	7.54	10.99	11.07
Chen Jiapeng (CHN) (2002)		time	1.92	3.00	3.94	4.85	5.74	6.65	7.54	8.47	9.39	10.35	10.35	9 / 6			
reaction time	0.149	interval		1.08	0.94	0.91	0.89	0.91	0.89	0.93	0.92	0.96		# of strides	3.94	2.71	2.74
		velocity	5.21	9.26	10.64	10.99	11.24	10.99	11.24	10.75	10.87	10.42	9.66	47.0	7.61	11.07	10.95
Wang Shengjie (CHN) (2000)		time	1.95	3.04	3.97	4.90	5.78	6.69	7.58	8.50	9.44	10.37	10.37	5 / 7			
reaction time	0.146	interval		1.09	0.93	0.93	0.88	0.91	0.89	0.92	0.94	0.93		# of strides	3.97	2.72	2.75
		velocity	5.13	9.17	10.75	10.75	11.36	10.99	11.24	10.87	10.64	10.75	9.64	50.7	7.56	11.03	10.91

Semi-Final 3

date 15-Sep-24 wind -0.2 m/s

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
He Jinxian (CHN) (2006)		time	1.97	3.00	3.96	4.88	5.77	6.64	7.53	8.44	9.35	10.27	10.27	5 / 1			
reaction time	0.157	interval		1.03	0.96	0.92	0.89	0.87	0.89	0.91	0.91	0.92		# of strides	3.96	2.68	2.71
		velocity	5.08	9.71	10.42	10.87	11.24	11.49	11.24	10.99	10.99	10.87	9.74	46.0	7.58	11.19	11.07

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Liu Chang (CHN) (2003)		time	2.00	3.07	4.05	4.96	5.87	6.76	7.65	8.53	9.44	10.37	10.37	6 / 2			
reaction time	0.191	interval		1.07	0.98	0.91	0.91	0.89	0.89	0.88	0.91	0.93		# of strides	4.05	2.71	2.68
		velocity	5.00	9.35	10.20	10.99	10.99	11.24	11.24	11.36	10.99	10.75	9.64	46.7	7.41	11.07	11.19
Wang Xinkai (CHN) (2004)		time	1.98	3.07	4.06	5.00	5.92	6.82	7.72	8.65	9.55	10.49	10.49	9 / 7			
reaction time	0.168	interval		1.09	0.99	0.94	0.92	0.90	0.90	0.93	0.90	0.94		# of strides	4.06	2.76	2.73
		velocity	5.05	9.17	10.10	10.64	10.87	11.11	11.11	10.75	11.11	10.64	9.53	48.0	7.39	10.87	10.99

Semi-Final 2

date 15-Sep-24 wind 0.7 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shengjie (CHN) (2000)		time	1.97	3.02	3.98	4.89	5.79	6.66	7.54	8.43	9.33	10.23	10.23	7 / 1			
reaction time	0.163	interval		1.05	0.96	0.91	0.90	0.87	0.88	0.89	0.90	0.90	**PB**	# of strides	3.98	2.68	2.67
		velocity	5.08	9.52	10.42	10.99	11.11	11.49	11.36	11.24	11.11	11.11	9.78	51.0	7.54	11.19	11.24
Suo Gaofei (CHN) (2001)		time	1.99	3.04	4.00	4.92	5.81	6.68	7.55	8.44	9.34	10.24	10.24	6 / 2			
reaction time	0.164	interval		1.05	0.96	0.92	0.89	0.87	0.87	0.89	0.90	0.90		# of strides	4.00	2.68	2.66
		velocity	5.03	9.52	10.42	10.87	11.24	11.49	11.49	11.24	11.11	11.11	9.77	46.0	7.50	11.19	11.28
Chen Jiapeng (CHN) (2002)		time	1.95	2.98	3.95	4.86	5.76	6.63	7.52	8.42	9.34	10.29	10.29	2 / 3			
reaction time	0.138	interval		1.03	0.97	0.91	0.90	0.87	0.89	0.90	0.92	0.95		# of strides	3.95	2.68	2.71
		velocity	5.13	9.71	10.31	10.99	11.11	11.49	11.21	11.14	10.87	10.53	9.72	47.0	7.59	11.19	11.07

Semi-Final 1

date 15-Sep-24 wind -0.1 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Li Zeyang (CHN) (2000)		time	1.95	3.01	3.97	4.89	5.79	6.67	7.56	8.46	9.35	10.28	10.28	5 / 1			
reaction time	0.152	interval		1.06	0.96	0.92	0.90	0.88	0.89	0.90	0.89	0.93	**=PB**	# of strides	3.97	2.70	2.68
		velocity	5.13	9.43	10.42	10.87	11.11	11.36	11.24	11.11	11.24	10.75	9.73	46.0	7.56	11.11	11.19
Lu Weiyi (CHN) (2000)		time	1.95	3.00	3.96	4.88	5.78	6.66	7.56	8.46	9.36	10.31	10.31	2 / 8			
reaction time	0.163	interval		1.05	0.96	0.92	0.90	0.88	0.90	0.90	0.90	0.95		# of strides	3.96	2.70	2.70
		velocity	5.13	9.52	10.42	10.87	11.11	11.36	11.11	11.11	11.11	10.53	9.70	48.0	7.58	11.11	11.11
Jia Runze (CHN) (2003)		time	1.97	3.03	3.99	4.91	5.82	6.71	7.60	8.52	9.43	10.38	10.38	6 / 3			
reaction time	0.165	interval		1.06	0.96	0.92	0.91	0.89	0.89	0.92	0.91	0.95		# of strides	3.99	2.72	2.72
		velocity	5.08	9.43	10.42	10.87	10.99	11.24	11.24	10.87	10.99	10.53	9.63	47.0	7.52	11.03	11.03

Heat 5

date 14-Sep-24 wind -1.6 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Duan Kaibo (CHN) (2007)		time	1.92	2.97	3.95	4.89	5.80	6.70	7.61	8.53	9.44	10.43	10.43	3 / 1			
reaction time	0.170	interval		1.05	0.98	0.94	0.91	0.90	0.91	0.92	0.91	0.99		# of strides	3.95	2.75	2.74
		velocity	5.21	9.52	10.20	10.64	10.99	11.11	10.99	10.87	10.99	10.10	9.59	46.2	7.59	10.91	10.95
Jia Runze (CHN) (2003)		time	1.92	2.97	3.95	4.90	5.82	6.74	7.65	8.59	9.52	10.52	10.52	4 / 2			
reaction time	0.185	interval		1.05	0.98	0.95	0.92	0.92	0.91	0.94	0.93	1.00		# of strides	3.95	2.79	2.78
		velocity	5.21	9.52	10.20	10.53	10.87	10.87	10.99	10.64	10.75	10.00	9.51	46.0	7.59	10.75	10.79

Heat 3

date 14-Sep-24 wind -0.3 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Li Zeyang (CHN) (2000)		time	1.90	2.96	3.94	4.87	5.79	6.69	7.59	8.50	9.41	10.42	10.42	6 / 1			
reaction time	0.180	interval		1.06	0.98	0.93	0.92	0.90	0.90	0.91	0.91	1.01		# of strides	3.94	2.75	2.72
		velocity	5.26	9.43	10.20	10.75	10.87	11.11	11.11	10.99	10.99	9.90	9.60	46.2	7.61	10.91	11.03
Wang Shengjie (CHN) (2000)		time	1.91	2.98	3.94	4.89	5.80	6.70	7.60	8.51	9.42	10.45	10.45	5 / 2			
reaction time	0.161	interval		1.07	0.96	0.95	0.91	0.90	0.90	0.91	0.91	1.03		# of strides	3.94	2.76	2.72
		velocity	5.24	9.35	10.42	10.53	10.99	11.11	11.11	10.99	10.99	9.71	9.57	47.7	7.61	10.87	11.03

Heat 2

date 14-Sep-24 wind 0.6 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zeng Keli (CHN) (2006)		time	1.89	2.93	3.91	4.82	5.74	6.65	7.57	8.51	9.45	10.52	10.52	6 / 1			
reaction time	0.190	interval		1.04	0.98	0.91	0.92	0.91	0.92	0.94	0.94	1.07		# of strides	3.91	2.74	2.80
		velocity	5.29	9.62	10.20	10.99	10.87	10.99	10.87	10.64	10.64	9.35	9.51	45.0	7.67	10.95	10.71
Chang Ao (CHN) (2003)		time	1.89	2.94	3.92	4.86	5.78	6.70	7.61	8.55	9.47	10.53	10.53	7 / 2			
reaction time	0.157	interval		1.05	0.98	0.94	0.92	0.92	0.91	0.94	0.92	1.06		# of strides	3.92	2.78	2.77
		velocity	5.29	9.52	10.20	10.64	10.87	10.87	10.99	10.64	10.87	9.43	9.50	47.0	7.65	10.79	10.83
Zhang Jialun (CHN) (2005)		time	1.92	2.98	3.97	4.89	5.82	6.73	7.65	8.57	9.51	10.54	10.54	3 / 3			
reaction time	0.164	interval		1.06	0.99	0.92	0.93	0.91	0.92	0.92	0.94	1.03		# of strides	3.97	2.76	2.78
		velocity	5.21	9.43	10.10	10.87	10.75	10.99	10.87	10.87	10.64	9.71	9.49	46.2	7.56	10.87	10.79
Wang Xinkai (CHN) (2004)		time	1.92	2.99	3.97	4.91	5.84	6.76	7.68	8.60	9.54	10.59	10.59	8 / 4			
reaction time	0.185	interval		1.07	0.98	0.94	0.93	0.92	0.92	0.92	0.94	1.05		# of strides	3.97	2.79	2.78
		velocity	5.21	9.35	10.20	10.64	10.75	10.87	10.87	10.87	10.64	9.52	9.44	47.5	7.56	10.75	10.79

2024 Memorial van damme (Brussels, BEL)

Invitational

date 14-Sep-24 wind 0.0 m/s

Omega Timing (2024) - diamond league race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Omanyala, Ferdinand (KEN) (1996)	time	1.89	2.95	3.88	4.78	5.66	6.52	7.40	8.27	9.17	10.07	10.07	5 / 1			
reaction time 0.126	interval		1.06	0.93	0.90	0.88	0.86	0.88	0.87	0.90	0.90		# of strides	3.88	2.64	2.65
	velocity	5.29	9.43	10.75	11.11	11.36	11.63	11.36	11.49	11.11	11.11	9.93		7.73	11.36	11.32
Vleminckx, Kobe (BEL) (1998)	time	1.93	2.98	3.93	4.85	5.75	6.64	7.55	8.45	9.37	10.29	10.29	6 / 2			
reaction time 0.121	interval		1.05	0.95	0.92	0.90	0.89	0.91	0.90	0.92	0.92		# of strides	3.93	2.71	2.73
	velocity	5.18	9.52	10.53	10.87	11.11	11.24	10.99	11.11	10.87	10.87	9.72		7.63	11.07	10.99
Hartmann, Joshua (GER) (1999)	time	1.94	3.01	3.97	4.88	5.79	6.68	7.57	8.47	9.38	10.30	10.30	3 / 3			
reaction time 0.140	interval		1.07	0.96	0.91	0.91	0.89	0.89	0.90	0.91	0.92		# of strides	3.97	2.71	2.70
	velocity	5.15	9.35	10.42	10.99	10.99	11.24	11.24	11.11	10.99	10.87	9.71		7.56	11.07	11.11
Verherstraeten, Simon (BEL) (199	time	1.93	2.99	3.94	4.85	5.74	6.64	7.54	8.45	9.38	10.33	10.33	4 / 4			
reaction time 0.128	interval		1.06	0.95	0.91	0.89	0.90	0.90	0.91	0.93	0.95		# of strides	3.94	2.70	2.74
	velocity	5.18	9.43	10.53	10.99	11.24	11.11	11.11	10.99	10.75	10.53	9.68		7.61	11.11	10.95
Campbell, Micheal (JAM) (1996)	time	1.93	3.01	3.94	4.89	5.81	6.69	7.59	8.52	9.46	10.40	10.40	7 / 5			
reaction time 0.137	interval		1.08	0.93	0.95	0.92	0.88	0.90	0.93	0.94	0.94		# of strides	3.94	2.75	2.77
	velocity	5.18	9.26	10.75	10.53	10.87	11.36	11.11	10.75	10.64	10.64	9.62		7.61	10.91	10.83
Afrifa, Elvis (NED) (1997)	time	1.94	3.02	4.01	4.95	5.88	6.80	7.71	8.64	9.57	10.52	10.52	2 / 6			
reaction time 0.143	interval		1.08	0.99	0.94	0.93	0.92	0.91	0.93	0.93	0.95		# of strides	4.01	2.79	2.77
	velocity	5.15	9.26	10.10	10.64	10.75	10.87	10.99	10.75	10.75	10.53	9.51		7.48	10.75	10.83
Snyders, Antoine (BEL) (1997)	time	2.01	3.11	4.11	5.07	5.99	6.91	7.84	8.76	9.70	10.65	10.65	8 / 7			
reaction time 0.145	interval		1.10	1.00	0.96	0.92	0.92	0.93	0.92	0.94	0.95		# of strides	4.11	2.80	2.79
	velocity	4.98	9.09	10.00	10.42	10.87	10.87	10.75	10.87	10.64	10.53	9.39		7.30	10.71	10.75
Camara, Ibrahim (BEL) (2004)	time	2.01	3.13	4.12	5.07	6.00	6.94	7.88	8.83	9.81	10.80	10.80	1 / 8			
reaction time 0.161	interval		1.12	0.99	0.95	0.93	0.94	0.94	0.95	0.98	0.99		# of strides	4.12	2.82	2.87
	velocity	4.98	8.93	10.10	10.53	10.75	10.64	10.64	10.53	10.20	10.10	9.26		7.28	10.64	10.45

FINAL

date 13-Sep-24 wind 0.1 m/s

Omega Timing (2024) - diamond league race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Blake, Ackeem (JAM) (2002)	time	1.89	2.92	3.85	4.74	5.60	6.46	7.32	8.18	9.06	9.93	9.93	3 / 1			
reaction time 0.151	interval		1.03	0.93	0.89	0.86	0.86	0.86	0.86	0.88	0.87		# of strides	3.85	2.61	2.60
	velocity	5.29	9.71	10.75	11.24	11.63	11.63	11.63	11.63	11.36	11.49	10.07	45.5	7.79	11.49	11.54
Coleman, Christian (USA) (1996)	time	1.89	2.92	3.84	4.72	5.59	6.45	7.32	8.20	9.09	10.00	10.00	6 / 2			
reaction time 0.154	interval		1.03	0.92	0.88	0.87	0.86	0.87	0.88	0.89	0.91		# of strides	3.84	2.61	2.64
	velocity	5.29	9.71	10.87	11.36	11.49	11.63	11.49	11.36	11.24	10.99	10.00	47.2	7.81	11.49	11.36
Kerley, Fred (USA) (1995)	time	1.92	2.96	3.91	4.82	5.69	6.56	7.41	8.27	9.14	10.01	10.01	4 / 3			
reaction time 0.141	interval		1.04	0.95	0.91	0.87	0.87	0.85	0.86	0.87	0.87		# of strides	3.91	2.65	2.58
	velocity	5.21	9.62	10.53	10.99	11.49	11.49	11.76	11.63	11.49	11.49	9.99	43.7	7.67	11.32	11.63
Eseme, Emmanuel (CMR) (1993)	time	1.98	3.03	3.97	4.87	5.74	6.60	7.46	8.34	9.20	10.09	10.09	8 / 4			
reaction time 0.195	interval		1.05	0.94	0.90	0.87	0.86	0.86	0.88	0.86	0.89		# of strides	3.97	2.63	2.60
	velocity	5.05	9.52	10.64	11.11	11.49	11.63	11.63	11.36	11.63	11.24	9.91	44.0	7.56	11.41	11.54
Simbine, Akani (RSA) (1993)	time	1.92	2.97	3.91	4.81	5.69	6.56	7.43	8.31	9.20	10.10	10.10	5 / 5			
reaction time 0.138	interval		1.05	0.94	0.90	0.88	0.87	0.87	0.88	0.89	0.90		# of strides	3.91	2.65	2.64
	velocity	5.21	9.52	10.64	11.11	11.36	11.49	11.49	11.36	11.24	11.11	9.90	47.5	7.67	11.32	11.36
Sani Brown, Abdul Hakim (JPN) (1	time	1.94	2.98	3.92	4.81	5.69	6.56	7.43	8.31	9.20	10.10	10.10	7 / 6			
reaction time 0.151	interval		1.04	0.94	0.89	0.88	0.87	0.87	0.88	0.89	0.90		# of strides	3.92	2.64	2.64
	velocity	5.15	9.62	10.64	11.24	11.36	11.49	11.49	11.36	11.24	11.11	9.90	44.0	7.65	11.36	11.36
Hicklin, Brandon (USA) (1999)	time	1.91	2.97	3.91	4.82	5.69	6.58	7.45	8.34	9.23	10.13	10.13	2 / 7			
reaction time 0.175	interval		1.06	0.94	0.91	0.87	0.89	0.87	0.89	0.89	0.90		# of strides	3.91	2.67	2.65
	velocity	5.24	9.43	10.64	10.99	11.49	11.24	11.49	11.24	11.24	11.11	9.87	44.0	7.67	11.24	11.32
Watson, Rohan (JAM) (2002)	time	1.92	2.97	3.93	4.85	5.75	6.65	7.54	8.44	9.34	10.25	10.25	1 / 8			
reaction time 0.144	interval		1.05	0.96	0.92	0.90	0.90	0.89	0.90	0.90	0.91		# of strides	3.93	2.72	2.69
	velocity	5.21	9.52	10.42	10.87	11.11	11.11	11.24	11.11	11.11	10.99	9.76	50.0	7.63	11.03	11.15

2024 Golden Gala Pietro Mennea (Roma, ITA)

FINAL

date 30-Aug-24 wind 0.3 m/s

Omega Timing (2024) - diamond league race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tebogo, Letsile (BOT) (2003)	time	1.84	2.87	3.80	4.69	5.56	6.41	7.26	8.11	8.97	9.87	9.87	6 / 1			
reaction time 0.136	interval		1.03	0.93	0.89	0.87	0.85	0.85	0.85	0.86	0.90		# of strides	3.80	2.61	2.56
	velocity	5.43	9.71	10.75	11.24	11.49	11.76	11.76	11.76	11.63	11.11	10.13	43.0	7.89	11.49	11.72
Coleman, Christian (USA) (1996)	time	1.88	2.89	3.82	4.69	5.56	6.41	7.28	8.15	9.03	9.92	9.92	3 / 2			

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

reaction time	0.141	interval		1.01	0.93	0.87	0.87	0.85	0.87	0.87	0.88	0.89		# of strides	3.82	2.59	2.62
		velocity	5.32	9.90	10.75	11.49	11.49	11.76	11.49	11.49	11.36	11.24	10.08	47.0	7.85	11.58	11.45
Kerley, Fred (USA) (1995)		time	1.89	2.94	3.88	4.78	5.65	6.51	7.36	8.22	9.09	9.95	9.95	4 / 3			
reaction time	0.144	interval		1.05	0.94	0.90	0.87	0.86	0.85	0.86	0.87	0.86		# of strides	3.88	2.63	2.58
		velocity	5.29	9.52	10.64	11.11	11.49	11.63	11.76	11.63	11.49	11.63	10.05	43.5	7.73	11.41	11.63
Blake, Ackeem (JAM) (2002)		time	1.90	2.96	3.89	4.79	5.66	6.53	7.39	8.26	9.14	10.03	10.03	2 / 4			
reaction time	0.148	interval		1.06	0.93	0.90	0.87	0.87	0.86	0.87	0.88	0.89		# of strides	3.89	2.64	2.61
		velocity	5.26	9.43	10.75	11.11	11.49	11.49	11.63	11.49	11.36	11.24	9.97	46.0	7.71	11.36	11.49
Sani Brown, Abdul Hakim (JPN) (1		time	1.90	2.94	3.86	4.75	5.63	6.49	7.37	8.24	9.14	10.05	10.05	1 / 5			
reaction time	0.155	interval		1.04	0.92	0.89	0.88	0.86	0.88	0.87	0.90	0.91		# of strides	3.86	2.63	2.65
		velocity	5.26	9.62	10.87	11.24	11.36	11.63	11.36	11.49	11.11	10.99	9.95	44.2	7.77	11.41	11.32
King, Kyree (USA) (1994)		time	1.91	2.96	3.90	4.80	5.68	6.55	7.42	8.29	9.18	10.07	10.07	9 / 6			
reaction time	0.166	interval		1.05	0.94	0.90	0.88	0.87	0.87	0.87	0.89	0.89		# of strides	3.90	2.65	2.63
		velocity	5.24	9.52	10.64	11.11	11.36	11.49	11.49	11.49	11.24	11.24	9.93	47.0	7.69	11.32	11.41
Omanyala, Ferdinand (KEN) (1996		time	1.89	2.95	3.89	4.77	5.65	6.51	7.37	8.26	9.15	10.08	10.08	7 / 7			
reaction time	0.138	interval		1.06	0.94	0.88	0.88	0.86	0.86	0.89	0.89	0.93		# of strides	3.89	2.62	2.64
		velocity	5.29	9.43	10.64	11.36	11.36	11.63	11.63	11.24	11.24	10.75	9.92	47.5	7.71	11.45	11.36
Azu, Jeremiah (GBR) (2001)		time	1.90	2.96	3.91	4.82	5.71	6.59	7.47	8.36	9.26	10.17	10.17	8 / 8			
reaction time	0.150	interval		1.06	0.95	0.91	0.89	0.88	0.88	0.89	0.90	0.91		# of strides	3.91	2.68	2.67
		velocity	5.26	9.43	10.53	10.99	11.24	11.36	11.36	11.24	11.11	10.99	9.83	47.2	7.67	11.19	11.24
Jacobs, Lamont Marcell (ITA) (199		time	1.89	2.96	3.90	4.79	5.67	6.53	7.40	8.28	9.19	10.20	10.20	5 / 9			
reaction time	0.128	interval		1.07	0.94	0.89	0.88	0.86	0.87	0.88	0.91	1.01		# of strides	3.90	2.63	2.66
		velocity	5.29	9.35	10.64	11.24	11.36	11.63	11.49	11.36	10.99	9.90	9.80	44.0	7.69	11.41	11.28

2024 Kamila Skolimowska Memorial (Silesia, POL)

FINAL date 25-Aug-24 wind 1.9 m/s

Omega Timing (2024) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kerley, Fred (USA) (1995)		time	1.87	2.92	3.86	4.75	5.61	6.46	7.30	8.14	9.00	9.87	9.87	4 / 1			
reaction time	0.155	interval		1.05	0.94	0.89	0.86	0.85	0.84	0.84	0.86	0.87		# of strides	3.86	2.60	2.54
		velocity	5.35	9.52	10.64	11.24	11.63	11.76	11.90	11.90	11.63	11.49	10.13	43.2	7.77	11.54	11.81
Omanyala, Ferdinand (KEN) (1996		time	1.88	2.93	3.86	4.73	5.58	6.42	7.26	8.12	8.99	9.88	9.88	3 / 2			
reaction time	0.139	interval		1.05	0.93	0.87	0.85	0.84	0.84	0.86	0.87	0.89		# of strides	3.86	2.56	2.57
		velocity	5.32	9.52	10.75	11.49	11.76	11.90	11.90	11.63	11.49	11.24	10.12	47.0	7.77	11.72	11.67
Blake, Ackeem (JAM) (2002)		time	1.89	2.92	3.85	4.73	5.60	6.45	7.29	8.15	9.01	9.89	9.89	2 / 3			
reaction time	0.154	interval		1.03	0.93	0.88	0.87	0.85	0.84	0.86	0.86	0.88	**=PB**	# of strides	3.85	2.60	2.56
		velocity	5.29	9.71	10.75	11.36	11.49	11.76	11.90	11.63	11.63	11.36	10.11	46.0	7.79	11.54	11.72
Jacobs, Lamont Marcell (ITA) (199		time	1.92	2.96	3.90	4.78	5.64	6.49	7.34	8.18	9.05	9.93	9.93	6 / 4			
reaction time	0.145	interval		1.04	0.94	0.88	0.86	0.85	0.85	0.84	0.87	0.88		# of strides	3.90	2.59	2.56
		velocity	5.21	9.62	10.64	11.36	11.63	11.76	11.76	11.90	11.49	11.36	10.07	44.0	7.69	11.58	11.72
Azu, Jeremiah (GBR) (2001)		time	1.91	2.94	3.88	4.77	5.66	6.51	7.38	8.23	9.14	10.05	10.05	8 / 5			
reaction time	0.171	interval		1.03	0.94	0.89	0.89	0.85	0.87	0.85	0.91	0.91		# of strides	3.88	2.63	2.63
		velocity	5.24	9.71	10.64	11.24	11.24	11.76	11.49	11.76	10.99	10.99	9.95	46.0	7.73	11.41	11.41
Austin, Pjai (USA) (2000)		time	1.96	2.97	3.93	4.81	5.68	6.54	7.40	8.27	9.15	10.06	10.06	1 / 6			
reaction time	0.139	interval		1.01	0.96	0.88	0.87	0.86	0.86	0.87	0.88	0.91		# of strides	3.93	2.61	2.61
		velocity	5.10	9.90	10.42	11.36	11.49	11.63	11.63	11.49	11.36	10.99	9.94	44.0	7.63	11.49	11.49
Watson, Rohan (JAM) (2002)		time	1.92	2.98	3.93	4.83	5.72	6.60	7.48	8.36	9.26	10.18	10.18	9 / 7			
reaction time	0.180	interval		1.06	0.95	0.90	0.89	0.88	0.88	0.88	0.90	0.92		# of strides	3.93	2.67	2.66
		velocity	5.21	9.43	10.53	11.11	11.24	11.36	11.36	11.36	11.11	10.87	9.82	49.0	7.63	11.24	11.28
Ali, Chituru (ITA) (1999)		time	2.00	3.06	4.03	4.94	5.83	6.70	7.58	8.49	9.48	10.69	10.69	7 / 8			
reaction time	0.179	interval		1.06	0.97	0.91	0.89	0.87	0.88	0.91	0.99	1.21		# of strides	4.03	2.67	2.78
		velocity	5.00	9.43	10.31	10.99	11.24	11.49	11.36	10.99	10.10	8.26	9.35	41.5	7.44	11.24	10.79

2024 Olympic Games (Paris, FRA)

FINAL date 04-Aug-24 wind 1.0 m/s

Paris 2024 Olympic Games - Results Book (2024)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lyles, Noah (USA) (1997)		time	1.95	2.98	3.90	4.76	5.61	6.44	7.26	8.09	8.93	9.79	9.79	7 / 1			
reaction time	0.178	interval		1.03	0.92	0.86	0.85	0.83	0.82	0.83	0.84	0.86	**PB**	# of strides	3.90	2.54	2.49
		velocity	5.13	9.71	10.87	11.63	11.76	12.05	12.20	12.05	11.90	11.63	10.21	44.0	7.69	11.81	12.05
Thompson, Kishane (JAM) (2001)		time	1.90	2.93	3.84	4.72	5.56	6.41	7.24	8.07	8.92	9.79	9.79	4 / 2			
reaction time	0.176	interval		1.03	0.91	0.88	0.84	0.85	0.83	0.83	0.85	0.87		# of strides	3.84	2.57	2.51
		velocity	5.26	9.71	10.99	11.36	11.90	11.76	12.05	12.05	11.76	11.49	10.21	45.0	7.81	11.67	11.95

Kerley, Fred (USA) (1995)		time	1.87	2.92	3.85	4.73	5.58	6.41	7.25	8.09	8.94	9.81	9.81	3 / 3			
reaction time	0.108	interval		1.05	0.93	0.88	0.85	0.83	0.84	0.84	0.85	0.87		# of strides	3.85	2.56	2.53
		velocity	5.35	9.52	10.75	11.36	11.76	12.05	11.90	11.90	11.76	11.49	10.19	43.0	7.79	11.72	11.86
Simbine, Akani (RSA) (1993)		time	1.90	2.95	3.87	4.75	5.60	6.46	7.27	8.11	8.96	9.82	9.82	5 / 4			
reaction time	0.149	interval		1.05	0.92	0.88	0.85	0.86	0.81	0.84	0.85	0.86	NR PB	# of strides	3.87	2.59	2.50
		velocity	5.26	9.52	10.87	11.36	11.76	11.63	12.35	11.90	11.76	11.63	10.18	47.0	7.75	11.58	12.00
Jacobs, Lamont Marcell (ITA) (199		time	1.87	2.92	3.85	4.74	5.60	6.44	7.28	8.13	8.98	9.85	9.85	9 / 5			
reaction time	0.114	interval		1.05	0.93	0.89	0.86	0.84	0.84	0.85	0.85	0.87		# of strides	3.85	2.59	2.54
		velocity	5.35	9.52	10.75	11.24	11.63	11.90	11.90	11.76	11.76	11.49	10.15	45.0	7.79	11.58	11.81
Tebogo, Letsile (BOT) (2003)		time	1.90	2.94	3.87	4.75	5.61	6.45	7.29	8.13	8.98	9.86	9.86	8 / 6			
reaction time	0.178	interval		1.04	0.93	0.88	0.86	0.84	0.84	0.84	0.85	0.88	NR PB	# of strides	3.87	2.58	2.53
		velocity	5.26	9.62	10.75	11.36	11.63	11.90	11.90	11.90	11.76	11.36	10.14	43.0	7.75	11.63	11.86
Bednarek, Kenneth (USA) (1998)		time	1.91	2.96	3.88	4.75	5.61	6.46	7.29	8.14	9.00	9.88	9.88	2 / 7			
reaction time	0.163	interval		1.05	0.92	0.87	0.86	0.85	0.83	0.85	0.86	0.88		# of strides	3.88	2.58	2.54
		velocity	5.24	9.52	10.87	11.49	11.63	11.76	12.05	11.76	11.63	11.36	10.12	44.2	7.73	11.63	11.81
Seville, Oblique (JAM) (2001)		time	1.89	2.94	3.87	4.75	5.60	6.45	7.29	8.13	9.00	9.91	9.91	6 / 8			
reaction time	0.171	interval		1.05	0.93	0.88	0.85	0.85	0.84	0.84	0.87	0.91		# of strides	3.87	2.58	2.55
		velocity	5.29	9.52	10.75	11.36	11.76	11.76	11.90	11.90	11.49	10.99	10.09	47.5	7.75	11.63	11.76

Semi-Final 3

date 04-Aug-24 wind 0.5 m/s *Paris 2024 Olympic Games - Results Book (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Thompson, Kishane (JAM) (2001)		time	1.88	2.91	3.83	4.70	5.55	6.40	7.24	8.08	8.94	9.80	9.80	4 / 1			
reaction time	0.157	interval		1.03	0.92	0.87	0.85	0.85	0.84	0.84	0.86	0.86		# of strides	3.83	2.57	2.54
		velocity	5.32	9.71	10.87	11.49	11.76	11.76	11.90	11.90	11.63	11.63	10.20	44.7	7.83	11.67	11.81
Kerley, Fred (USA) (1995)		time	1.84	2.88	3.81	4.71	5.57	6.42	7.27	8.12	8.97	9.84	9.84	7 / 2			
reaction time	0.151	interval		1.04	0.93	0.90	0.86	0.85	0.85	0.85	0.85	0.87		# of strides	3.81	2.61	2.55
		velocity	5.43	9.62	10.75	11.11	11.63	11.76	11.76	11.76	11.76	11.49	10.16	43.0	7.87	11.49	11.76
Richardson, Benjamin (RSA) (200		time	1.87	2.91	3.83	4.71	5.57	6.44	7.30	8.16	9.05	9.95	9.95	9 / 3			
reaction time	0.148	interval		1.04	0.92	0.88	0.86	0.87	0.86	0.86	0.89	0.90		# of strides	3.83	2.61	2.61
		velocity	5.35	9.62	10.87	11.36	11.63	11.49	11.63	11.63	11.24	11.11	10.05	43.0	7.83	11.49	11.49
Sani Brown, Abdul Hakim (JPN) (1		time	1.88	2.92	3.85	4.74	5.61	6.51	7.34	8.19	9.07	9.96	9.96	5 / 4			
reaction time	0.150	interval		1.04	0.93	0.89	0.87	0.90	0.83	0.85	0.88	0.89	PB	# of strides	3.85	2.66	2.56
		velocity	5.32	9.62	10.75	11.24	11.49	11.11	12.05	11.76	11.36	11.24	10.04	44.0	7.79	11.28	11.72
de Grasse, Andre (CAN) (2000)		time	1.89	2.97	3.91	4.80	5.66	6.53	7.37	8.23	9.09	9.98	9.98	2 / 5			
reaction time	0.133	interval		1.08	0.94	0.89	0.86	0.87	0.84	0.86	0.86	0.89		# of strides	3.91	2.62	2.56
		velocity	5.29	9.26	10.64	11.24	11.63	11.49	11.90	11.63	11.63	11.24	10.02	46.0	7.67	11.45	11.72
Hughes, Zharnel (GBR) (1995)		time	1.95	3.00	3.94	4.83	5.69	6.54	7.40	8.26	9.13	10.01	10.01	3 / 6			
reaction time	0.135	interval		1.05	0.94	0.89	0.86	0.85	0.86	0.86	0.87	0.88		# of strides	3.94	2.60	2.59
		velocity	5.13	9.52	10.64	11.24	11.63	11.76	11.63	11.63	11.49	11.36	9.99	45.0	7.61	11.54	11.58
Saminu, Abdul-Rasheed (GHA) (1		time	1.89	2.95	3.90	4.80	5.68	6.55	7.42	8.28	9.13	10.05	10.05	8 / 7			
reaction time	0.160	interval		1.06	0.95	0.90	0.88	0.87	0.87	0.86	0.85	0.92		# of strides	3.90	2.65	2.58
		velocity	5.29	9.43	10.53	11.11	11.36	11.49	11.49	11.63	11.76	10.87	9.95	45.7	7.69	11.32	11.63
Omanyala, Ferdinand (KEN) (1996		time	1.91	2.96	3.89	4.78	5.64	6.50	7.37	8.24	9.15	10.08	10.08	6 / 1			
reaction time	0.145	interval		1.05	0.93	0.89	0.86	0.86	0.87	0.87	0.91	0.93		# of strides	3.89	2.61	2.65
		velocity	5.24	9.52	10.75	11.24	11.63	11.63	11.49	11.49	10.99	10.75	9.92	48.0	7.71	11.49	11.32
Bunson, Phooripol (THA) (2006)		time	1.93	3.00	3.96	4.88	5.76	6.63	7.50	8.37	9.25	10.14	10.14	1 / 9			
reaction time	0.158	interval		1.07	0.96	0.92	0.88	0.87	0.87	0.87	0.88	0.89		# of strides	3.96	2.67	2.62
		velocity	5.18	9.35	10.42	10.87	11.36	11.49	11.49	11.49	11.36	11.24	9.86	45.0	7.58	11.24	11.45

Semi-Final 2

date 04-Aug-24 wind 0.0 m/s *Paris 2024 Olympic Games - Results Book (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Simbine, Akani (RSA) (1993)		time	1.94	2.97	3.91	4.79	5.65	6.50	7.34	8.18	9.03	9.87	9.87	5 / 1			
reaction time	0.143	interval		1.03	0.94	0.88	0.86	0.85	0.84	0.84	0.85	0.84		# of strides	3.91	2.59	2.53
		velocity	5.15	9.71	10.64	11.36	11.63	11.76	11.90	11.90	11.76	11.90	10.13	46.2	7.67	11.58	11.86
Tebogo, Letsile (BOT) (2003)		time	1.90	2.95	3.88	4.77	5.63	6.49	7.35	8.19	9.06	9.91	9.91	4 / 2			
reaction time	0.152	interval		1.05	0.93	0.89	0.86	0.86	0.86	0.84	0.87	0.85		# of strides	3.88	2.61	2.57
		velocity	5.26	9.52	10.75	11.24	11.63	11.63	11.63	11.90	11.49	11.76	10.09	43.2	7.73	11.49	11.67
Jacobs, Lamont Marcell (ITA) (199		time	1.89	2.95	3.89	4.77	5.64	6.49	7.35	8.21	9.06	9.92	9.92	8 / 3			
reaction time	0.135	interval		1.06	0.94	0.88	0.87	0.85	0.86	0.86	0.85	0.86		# of strides	3.89	2.60	2.57
		velocity	5.29	9.43	10.64	11.36	11.49	11.76	11.63	11.63	11.76	11.63	10.08	45.0	7.71	11.54	11.67

Bednarek, Kenneth (USA) (1998)	time	1.93	2.97	3.90	4.78	5.64	6.49	7.35	8.21	9.08	9.93	9.93	7 / 4			
reaction time 0.161	interval		1.04	0.93	0.88	0.86	0.85	0.86	0.86	0.87	0.85		# of strides	3.90	2.59	2.59
	velocity	5.18	9.62	10.75	11.36	11.63	11.76	11.63	11.63	11.49	11.76	10.07	45.0	7.69	11.58	11.58
Blake, Ackeem (JAM) (2002)	time	1.92	2.97	3.90	4.80	5.67	6.54	7.42	8.30	9.19	10.06	10.06	3 / 5			
reaction time 0.176	interval		1.05	0.93	0.90	0.87	0.87	0.88	0.88	0.89	0.87		# of strides	3.90	2.64	2.65
	velocity	5.21	9.52	10.75	11.11	11.49	11.49	11.36	11.36	11.24	11.49	9.94	46.0	7.69	11.36	11.32
Ajayi, Kayinsola (NGR) (2004)	time	1.89	2.94	3.88	4.78	5.67	6.55	7.43	8.32	9.23	10.13	10.13	6 / 6			
reaction time 0.106	interval		1.05	0.94	0.90	0.89	0.88	0.88	0.89	0.91	0.90		# of strides	3.88	2.67	2.68
	velocity	5.29	9.52	10.64	11.11	11.24	11.36	11.36	11.24	10.99	11.11	9.87	46.0	7.73	11.24	11.19
Hartmann, Joshua (GER) (1999)	time	1.92	2.97	3.92	4.83	5.71	6.59	7.48	8.36	9.26	10.16	10.16	9 / 7			
reaction time 0.141	interval		1.05	0.95	0.91	0.88	0.88	0.89	0.88	0.90	0.90		# of strides	3.92	2.67	2.67
	velocity	5.21	9.52	10.53	10.99	11.36	11.36	11.24	11.36	11.11	11.11	9.84	43.2	7.65	11.24	11.24
Matadi, Emmanuel (LBR) (1991)	time	1.93	2.99	3.94	4.85	5.73	6.62	7.50	8.39	9.28	10.18	10.18	2 / 8			
reaction time 0.143	interval		1.06	0.95	0.91	0.88	0.89	0.88	0.89	0.89	0.90		# of strides	3.94	2.68	2.66
	velocity	5.18	9.43	10.53	10.99	11.36	11.24	11.36	11.24	11.24	11.11	9.82	45.0	7.61	11.19	11.28
Espinosa, Reynaldo R. (CUB) (200	time	1.91	3.00	3.96	4.87	5.77	6.64	7.52	8.41	9.31	10.21	10.21	1 / 9			
reaction time 0.144	interval		1.09	0.96	0.91	0.90	0.87	0.88	0.89	0.90	0.90		# of strides	3.96	2.68	2.67
	velocity	5.24	9.17	10.42	10.99	11.11	11.49	11.36	11.24	11.11	11.11	9.79	47.0	7.58	11.19	11.24

Semi-Final 1

date 04-Aug-24 wind 0.7 m/s

Paris 2024 Olympic Games - Results Book (2024)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Seville, Oblique (JAM) (2001)	time	1.87	2.90	3.83	4.71	5.55	6.40	7.24	8.09	8.94	9.81	9.81	6 / 1			
reaction time 0.146	interval		1.03	0.93	0.88	0.84	0.85	0.84	0.85	0.85	0.87	PB	# of strides	3.83	2.57	2.54
	velocity	5.35	9.71	10.75	11.36	11.90	11.76	11.90	11.76	11.76	11.49	10.19	47.0	7.83	11.67	11.81
Lyles, Noah (USA) (1997)	time	1.92	2.97	3.90	4.79	5.64	6.48	7.32	8.16	9.00	9.83	9.83	4 / 2			
reaction time 0.167	interval		1.05	0.93	0.89	0.85	0.84	0.84	0.84	0.84	0.83		# of strides	3.90	2.58	2.52
	velocity	5.21	9.52	10.75	11.24	11.76	11.90	11.90	11.90	11.90	12.05	10.17	44.2	7.69	11.63	11.90
Hinchliffe, Louie (GBR) (2002)	time	1.91	2.99	3.94	4.83	5.70	6.55	7.40	8.25	9.13	9.97	9.97	5 / 3			
reaction time 0.145	interval		1.08	0.95	0.89	0.87	0.85	0.85	0.85	0.88	0.84		# of strides	3.94	2.61	2.58
	velocity	5.24	9.26	10.53	11.24	11.49	11.76	11.76	11.76	11.36	11.90	10.03	46.0	7.61	11.49	11.63
Eseme, Emmanuel (CMR) (1993)	time	1.96	3.03	3.97	4.87	5.73	6.58	7.45	8.29	9.14	10.00	10.00	7 / 4			
reaction time 0.154	interval		1.07	0.94	0.90	0.86	0.85	0.87	0.84	0.85	0.86		# of strides	3.97	2.61	2.56
	velocity	5.10	9.35	10.64	11.11	11.63	11.76	11.49	11.90	11.76	11.63	10.00	44.0	7.56	11.49	11.72
Maswanganyi, Shaun (RSA) (2001)	time	1.90	2.94	3.88	4.77	5.65	6.51	7.39	8.26	9.14	10.02	10.02	9 / 5			
reaction time 0.150	interval		1.04	0.94	0.89	0.88	0.86	0.88	0.87	0.88	0.88		# of strides	3.88	2.63	2.63
	velocity	5.26	9.62	10.64	11.24	11.36	11.63	11.36	11.49	11.36	11.36	9.98	42.7	7.73	11.41	11.41
Ashe, Favour (NGR) (2002)	time	1.87	2.94	3.87	4.76	5.65	6.51	7.39	8.27	9.17	10.08	10.08	1 / 6			
reaction time 0.149	interval		1.07	0.93	0.89	0.89	0.86	0.88	0.88	0.90	0.91		# of strides	3.87	2.64	2.66
	velocity	5.35	9.35	10.75	11.24	11.24	11.63	11.36	11.36	11.11	10.99	9.92	46.0	7.75	11.36	11.28
Ali, Chituru (ITA) (1999)	time	1.92	2.99	3.95	4.85	5.73	6.61	7.48	8.36	9.25	10.14	10.14	8 / 7			
reaction time 0.141	interval		1.07	0.96	0.90	0.88	0.88	0.87	0.88	0.89	0.89		# of strides	3.95	2.66	2.64
	velocity	5.21	9.35	10.42	11.11	11.36	11.36	11.49	11.36	11.24	11.24	9.86	41.0	7.59	11.28	11.36
Brathwaite, Rikkoi (IVB) (1999)	time	1.86	2.94	3.91	4.81	5.70	6.57	7.45	8.34	9.24	10.15	10.15	2 / 8			
reaction time 0.129	interval		1.08	0.97	0.90	0.89	0.87	0.88	0.89	0.90	0.91		# of strides	3.91	2.66	2.67
	velocity	5.38	9.26	10.31	11.11	11.24	11.49	11.36	11.24	11.11	10.99	9.85	47.0	7.67	11.28	11.24
Azamati, Benjamin (GHA) (1998)	time	1.89	2.95	3.92	4.83	5.72	6.60	7.48	8.37	9.26	10.17	10.17	3 / 9			
reaction time 0.136	interval		1.06	0.97	0.91	0.89	0.88	0.88	0.89	0.89	0.91		# of strides	3.92	2.68	2.66
	velocity	5.29	9.43	10.31	10.99	11.24	11.36	11.36	11.24	11.24	10.99	9.83	47.2	7.65	11.19	11.28

Heat 8

date 03-Aug-24 wind 0.2 m/s

Paris 2024 Olympic Games - Results Book (2024)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kerley, Fred (USA) (1995)	time	1.88	2.93	3.87	4.77	5.65	6.51	7.38	8.24	9.08	9.97	9.97	5 / 1			
reaction time 0.150	interval		1.05	0.94	0.90	0.88	0.86	0.87	0.86	0.84	0.89		# of strides	3.87	2.64	2.57
	velocity	5.32	9.52	10.64	11.11	11.36	11.63	11.49	11.63	11.90	11.24	10.03	43.5	7.75	11.36	11.67
Tebogo, Letsile (BOT) (2003)	time	1.90	2.95	3.88	4.77	5.64	6.49	7.36	8.23	9.09	10.01	10.01	2 / 2			
reaction time 0.170	interval		1.05	0.93	0.89	0.87	0.85	0.87	0.87	0.86	0.92		# of strides	3.88	2.61	2.60
	velocity	5.26	9.52	10.75	11.24	11.49	11.76	11.49	11.49	11.63	10.87	9.99	42.5	7.73	11.49	11.54
Hughes, Zharnel (GBR) (1995)	time	1.94	3.00	3.92	4.81	5.68	6.53	7.40	8.26	9.13	10.03	10.03	4 / 3			
reaction time 0.136	interval		1.06	0.92	0.89	0.87	0.85	0.87	0.86	0.87	0.90		# of strides	3.92	2.61	2.60
	velocity	5.15	9.43	10.87	11.24	11.49	11.76	11.49	11.63	11.49	11.11	9.97	45.5	7.65	11.49	11.54
Greene, Cejhae (ANT) (1995)	time	1.87	2.94	3.89	4.80	5.69	6.57	7.45	8.34	9.23	10.17	10.17	3 / 4			

reaction time	0.135	interval		1.07	0.95	0.91	0.89	0.88	0.88	0.89	0.89	0.94		# of strides	3.89	2.68	2.66
		velocity	5.35	9.35	10.53	10.99	11.24	11.36	11.36	11.24	11.24	10.64	9.83	47.2	7.71	11.19	11.28
Borzor, Christopher (HAI) (1999)		time	1.92	2.98	3.93	4.84	5.74	6.63	7.53	8.43	9.33	10.28	10.28	1 / 5			
reaction time	0.147	interval		1.06	0.95	0.91	0.90	0.89	0.90	0.90	0.90	0.95		# of strides	3.93	2.70	2.70
		velocity	5.21	9.43	10.53	10.99	11.11	11.24	11.11	11.11	11.11	10.53	9.73	47.0	7.63	11.11	11.11
Cissé, Arthur (CIV) (1996)		time	1.89	2.96	3.89	4.78	5.66	6.55	7.46	8.38	9.31	10.31	10.31	6 / 6			
reaction time	0.151	interval		1.07	0.93	0.89	0.88	0.89	0.91	0.92	0.93	1.00		# of strides	3.89	2.66	2.76
		velocity	5.29	9.35	10.75	11.24	11.36	11.24	10.99	10.87	10.75	10.00	9.70	48.2	7.71	11.28	10.87
Mulamba, Dominique Lasconi (CC		time	1.98	3.06	4.02	4.96	5.88	6.79	7.70	8.62	9.56	10.53	10.53	8 / ~~7~~			
reaction time	0.163	interval		1.08	0.96	0.94	0.92	0.91	0.91	0.92	0.94	0.97	DV	# of strides	4.02	2.77	2.77
		velocity	5.05	9.26	10.42	10.64	10.87	10.99	10.99	10.87	10.64	10.31	9.50	47.0	7.46	10.83	10.83
Keletela, Dorian Rostan (ART) (19		time	1.91	2.99	3.96	4.89	5.82	6.73	7.66	8.60	9.56	10.58	10.58	9 / ~~8~~ 7			
reaction time	0.152	interval		1.08	0.97	0.93	0.93	0.91	0.93	0.94	0.96	1.02		# of strides	3.96	2.77	2.83
		velocity	5.24	9.26	10.31	10.75	10.75	10.99	10.75	10.64	10.42	9.80	9.45	47.0	7.58	10.83	10.60

Heat 7

date 03-Aug-24 wind 0.3 m/s *Paris 2024 Olympic Games - Results Book (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bednarek, Kenneth (USA) (1998)		time	1.93	2.97	3.90	4.79	5.65	6.50	7.36	8.22	9.10	9.97	9.97	2 / 1			
reaction time	0.174	interval		1.04	0.93	0.89	0.86	0.85	0.86	0.86	0.88	0.87		# of strides	3.90	2.60	2.60
		velocity	5.18	9.62	10.75	11.24	11.63	11.76	11.63	11.63	11.36	11.49	10.03	44.0	7.69	11.54	11.54
Eseme, Emmanuel (CMR) (1993)		time	1.96	3.00	3.96	4.86	5.72	6.57	7.42	8.26	9.13	9.98	9.98	1 / 2			
reaction time	0.154	interval		1.04	0.96	0.90	0.86	0.85	0.85	0.84	0.87	0.85		# of strides	3.96	2.61	2.56
		velocity	5.10	9.62	10.42	11.11	11.63	11.76	11.76	11.90	11.49	11.76	10.02	44.5	7.58	11.49	11.72
de Grasse, Andre (CAN) (2000)		time	1.93	3.01	3.97	4.85	5.72	6.59	7.44	8.31	9.19	10.07	10.07	5 / 3			
reaction time	0.144	interval		1.08	0.96	0.88	0.87	0.87	0.85	0.87	0.88	0.88		# of strides	3.97	2.62	2.60
		velocity	5.18	9.26	10.42	11.36	11.49	11.49	11.76	11.49	11.36	11.36	9.93	46.0	7.56	11.45	11.54
Matadi, Emmanuel (LBR) (1991)		time	1.93	2.99	3.92	4.81	5.69	6.56	7.42	8.29	9.19	10.08	10.08	4 / 4			
reaction time	0.157	interval		1.06	0.93	0.89	0.88	0.87	0.86	0.87	0.90	0.89		# of strides	3.92	2.64	2.63
		velocity	5.18	9.43	10.75	11.24	11.36	11.49	11.63	11.49	11.11	11.24	9.92	44.2	7.65	11.36	11.41
Sakai, Ryuichiro (JPN) (1998)		time	1.89	2.94	3.89	4.78	5.67	6.56	7.44	8.34	9.26	10.17	10.17	6 / 5			
reaction time	0.161	interval		1.05	0.95	0.89	0.89	0.89	0.88	0.90	0.92	0.91		# of strides	3.89	2.67	2.70
		velocity	5.29	9.52	10.53	11.24	11.24	11.24	11.36	11.11	10.87	10.99	9.83	52.5	7.71	11.24	11.11
Bibi, Noah (MRI) (2000)		time	1.86	2.93	3.87	4.76	5.65	6.53	7.43	8.33	9.26	10.19	10.19	3 / 6			
reaction time	0.134	interval		1.07	0.94	0.89	0.89	0.88	0.90	0.90	0.93	0.93		# of strides	3.87	2.66	2.73
		velocity	5.38	9.35	10.64	11.24	11.24	11.36	11.11	11.11	10.75	10.75	9.81	44.5	7.75	11.28	10.99
Longa, Ronal (COL) (2004)		time	1.96	3.04	3.99	4.88	5.78	6.65	7.55	8.45	9.38	10.29	10.29	7 / 7			
reaction time	0.163	interval		1.08	0.95	0.89	0.90	0.87	0.90	0.90	0.93	0.91		# of strides	3.99	2.66	2.73
		velocity	5.10	9.26	10.53	11.24	11.11	11.49	11.11	11.11	10.75	10.99	9.72	46.5	7.52	11.28	10.99
González, José (DOM) (1995)		time	1.96	3.05	4.00	4.92	5.83	6.72	7.60	8.51	9.43	10.40	10.40	8 / 8			
reaction time	0.164	interval		1.09	0.95	0.92	0.91	0.89	0.88	0.91	0.92	0.97		# of strides	4.00	2.72	2.71
		velocity	5.10	9.17	10.53	10.87	10.99	11.24	11.36	10.99	10.87	10.31	9.62	46.2	7.50	11.03	11.07
Yaseen, Taha Hussein (IRQ) (1998)		time	1.95	3.05	4.02	4.95	5.87	6.79	7.70	8.62	9.57	10.50	10.50	9 / 9			
reaction time	0.151	interval		1.10	0.97	0.93	0.92	0.92	0.91	0.92	0.95	0.93		# of strides	4.02	2.77	2.78
		velocity	5.13	9.09	10.31	10.75	10.87	10.87	10.99	10.87	10.53	10.75	9.52	48.0	7.46	10.83	10.79

Heat 6

date 03-Aug-24 wind -1.1 m/s *Paris 2024 Olympic Games - Results Book (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Simbine, Akani (RSA) (1993)		time	1.96	3.01	3.95	4.85	5.73	6.58	7.45	8.31	9.17	10.03	10.03	5 / 1			
reaction time	0.152	interval		1.05	0.94	0.90	0.88	0.85	0.87	0.86	0.86	0.86		# of strides	3.95	2.63	2.59
		velocity	5.10	9.52	10.64	11.11	11.36	11.76	11.49	11.63	11.63	11.63	9.97	47.0	7.59	11.41	11.58
Blake, Ackeem (JAM) (2002)		time	1.89	2.94	3.87	4.76	5.64	6.50	7.40	8.29	9.17	10.06	10.06	3 / 2			
reaction time	0.149	interval		1.05	0.93	0.89	0.88	0.86	0.90	0.89	0.88	0.89		# of strides	3.87	2.63	2.67
		velocity	5.29	9.52	10.75	11.24	11.36	11.63	11.11	11.24	11.36	11.24	9.94	47.0	7.75	11.41	11.24
Brathwaite, Rikkoi (IVB) (1999)		time	1.93	2.98	3.93	4.81	5.69	6.56	7.45	8.34	9.24	10.13	10.13	4 / 3			
reaction time	0.131	interval		1.05	0.95	0.88	0.88	0.87	0.89	0.89	0.90	0.89		# of strides	3.93	2.63	2.68
		velocity	5.18	9.52	10.53	11.36	11.36	11.49	11.24	11.24	11.11	11.24	9.87	47.7	7.63	11.41	11.19
Camara, Ebrahima (GAM) (1996)		time	1.90	2.98	3.91	4.81	5.70	6.58	7.47	8.36	9.27	10.21	10.21	1 / 4			
reaction time	0.144	interval		1.08	0.93	0.90	0.89	0.88	0.89	0.89	0.91	0.94		# of strides	3.91	2.67	2.69
		velocity	5.26	9.26	10.75	11.11	11.24	11.36	11.24	11.24	10.99	10.64	9.79	47.0	7.67	11.24	11.15
McCoy, Wanya (RAH) (2003)		time	1.97	2.99	3.96	4.86	5.76	6.63	7.55	8.44	9.33	10.24	10.24	2 / 5			
reaction time	0.157	interval		1.02	0.97	0.90	0.90	0.87	0.92	0.89	0.89	0.91		# of strides	3.96	2.67	2.70

		velocity	5.08	9.80	10.31	11.11	11.11	11.49	10.87	11.24	11.24	10.99	9.77	43.2	7.58	11.24	11.11
Browning, Rohan (AUS) (1997)		time	1.98	3.09	3.98	4.88	5.77	6.64	7.55	8.45	9.36	10.29	10.29	8 / 6			
reaction time	0.143	interval		1.11	0.89	0.90	0.89	0.87	0.91	0.90	0.91	0.93		# of strides	3.98	2.66	2.72
		velocity	5.05	9.01	11.24	11.11	11.24	11.49	10.99	11.11	10.99	10.75	9.72	47.0	7.54	11.28	11.03
Hansen, Simon (DEN) (1998)		time	1.93	3.01	3.98	4.89	5.80	6.70	7.62	8.53	9.45	10.39	10.39	9 / 7			
reaction time	0.134	interval		1.08	0.97	0.91	0.91	0.90	0.92	0.91	0.92	0.94		# of strides	3.98	2.72	2.75
		velocity	5.18	9.26	10.31	10.99	10.99	11.11	10.87	10.99	10.87	10.64	9.62	47.0	7.54	11.03	10.91
Archibald, Emanuel (GUY) (1994)		time	1.96	3.04	3.99	4.92	5.83	6.72	7.65	8.57	9.48	10.40	10.40	6 / 8			
reaction time	0.158	interval		1.08	0.95	0.93	0.91	0.89	0.93	0.92	0.91	0.92		# of strides	3.99	2.73	2.76
		velocity	5.10	9.26	10.53	10.75	10.99	11.24	10.75	10.87	10.99	10.87	9.62	46.0	7.52	10.99	10.87
Maaroufou, Hachim (COM) (1997)		time	2.00	3.09	4.05	5.00	5.91	6.81	7.74	8.66	9.59	10.52	10.52	7 / 9			
reaction time	0.158	interval		1.09	0.96	0.95	0.91	0.90	0.93	0.92	0.93	0.93		# of strides	4.05	2.76	2.78
		velocity	5.00	9.17	10.42	10.53	10.99	11.11	10.75	10.87	10.75	10.75	9.51	45.7	7.41	10.87	10.79

Heat 5

date 03-Aug-24 wind -0.3 m/s *Paris 2024 Olympic Games - Results Book (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ajayi, Kayinsola (NGR) (2004)		time	1.90	2.95	3.89	4.78	5.65	6.51	7.37	8.23	9.11	10.02	10.02	2 / 1			
reaction time	0.151	interval		1.05	0.94	0.89	0.87	0.86	0.86	0.86	0.88	0.91		# of strides	3.89	2.62	2.60
		velocity	5.26	9.52	10.64	11.24	11.49	11.63	11.63	11.63	11.36	10.99	9.98	46.0	7.71	11.45	11.54
Jacobs, Lamont Marcell (ITA) (199		time	1.90	2.96	3.90	4.81	5.68	6.53	7.41	8.28	9.15	10.05	10.05	4 / 2			
reaction time	0.142	interval		1.06	0.94	0.91	0.87	0.85	0.88	0.87	0.87	0.90		# of strides	3.90	2.63	2.62
		velocity	5.26	9.43	10.64	10.99	11.49	11.76	11.36	11.49	11.49	11.11	9.95	45.0	7.69	11.41	11.45
Saminu, Abdul-Rasheed (GHA) (1		time	1.87	2.95	3.88	4.79	5.66	6.53	7.41	8.28	9.16	10.06	10.06	5 / 3			
reaction time	0.162	interval		1.08	0.93	0.91	0.87	0.87	0.88	0.87	0.88	0.90		# of strides	3.88	2.65	2.63
		velocity	5.35	9.26	10.75	10.99	11.49	11.49	11.36	11.49	11.36	11.11	9.94	46.7	7.73	11.32	11.41
Richardson, Benjamin (RSA) (200		time	1.88	2.93	3.86	4.76	5.64	6.51	7.38	8.26	9.15	10.06	10.06	6 / 4			
reaction time	0.134	interval		1.05	0.93	0.90	0.88	0.87	0.87	0.88	0.89	0.91		# of strides	3.86	2.65	2.64
		velocity	5.32	9.52	10.75	11.11	11.36	11.49	11.49	11.36	11.24	10.99	9.94	43.0	7.77	11.32	11.36
Taftian, Hassan (IRI) (1993)		time	1.93	2.99	3.94	4.84	5.72	6.59	7.47	8.36	9.25	10.18	10.18	1 / 5			
reaction time	0.147	interval		1.06	0.95	0.90	0.88	0.87	0.88	0.89	0.89	0.93		# of strides	3.94	2.65	2.66
		velocity	5.18	9.43	10.53	11.11	11.36	11.49	11.36	11.24	11.24	10.75	9.82	46.0	7.61	11.32	11.28
Howell, Davonte (CAY) (2005)		time	1.94	3.01	3.96	4.87	5.76	6.64	7.53	8.42	9.33	10.24	10.24	3 / 6			
reaction time	0.156	interval		1.07	0.95	0.91	0.89	0.88	0.89	0.89	0.91	0.91		# of strides	3.96	2.68	2.69
		velocity	5.15	9.35	10.53	10.99	11.24	11.36	11.24	11.24	10.99	10.99	9.77	47.0	7.58	11.19	11.15
Larsson, Henrik (SWE) (1999)		time	1.93	3.00	3.97	4.89	5.78	6.67	7.55	8.43	9.32	10.24	10.24	9 / 7			
reaction time	0.141	interval		1.07	0.97	0.92	0.89	0.89	0.88	0.88	0.89	0.92		# of strides	3.97	2.70	2.65
		velocity	5.18	9.35	10.31	10.87	11.24	11.24	11.36	11.36	11.24	10.87	9.77	46.5	7.56	11.11	11.32
de Oliveira, Paulo André (BRA) (1		time	1.90	2.99	3.95	4.88	5.79	6.71	7.63	8.55	9.48	10.46	10.46	7 / 8			
reaction time	0.144	interval		1.09	0.96	0.93	0.91	0.92	0.92	0.92	0.93	0.98		# of strides	3.95	2.76	2.77
		velocity	5.26	9.17	10.42	10.75	10.99	10.87	10.87	10.87	10.75	10.20	9.56	43.5	7.59	10.87	10.83

Heat 4

date 03-Aug-24 wind 0.0 m/s *Paris 2024 Olympic Games - Results Book (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Seville, Oblique (JAM) (2001)		time	1.91	2.96	3.90	4.79	5.66	6.51	7.38	8.24	9.11	9.99	9.99	6 / 1			
reaction time	0.162	interval		1.05	0.94	0.89	0.87	0.85	0.87	0.86	0.87	0.88		# of strides	3.90	2.61	2.60
		velocity	5.24	9.52	10.64	11.24	11.49	11.76	11.49	11.63	11.49	11.36	10.01	47.7	7.69	11.49	11.54
Sani Brown, Abdul Hakim (JPN) (1		time	1.89	2.93	3.87	4.76	5.62	6.50	7.37	8.22	9.12	10.02	10.02	4 / 2			
reaction time	0.138	interval		1.04	0.94	0.89	0.86	0.88	0.87	0.85	0.90	0.90		# of strides	3.87	2.63	2.62
		velocity	5.29	9.62	10.64	11.24	11.60	11.39	11.49	11.76	11.11	11.11	9.98	44.0	7.75	11.41	11.45
Bunson, Phooripol (THA) (2006)		time	1.94	3.00	3.95	4.87	5.75	6.62	7.50	8.36	9.24	10.13	10.13	2 / 3			
reaction time	0.161	interval		1.06	0.95	0.92	0.88	0.87	0.88	0.86	0.88	0.89		# of strides	3.95	2.67	2.62
		velocity	5.15	9.43	10.53	10.87	11.36	11.49	11.36	11.63	11.36	11.24	9.87	46.0	7.59	11.24	11.45
Ashe, Favour (NGR) (2002)		time	1.92	2.98	3.92	4.82	5.69	6.55	7.43	8.32	9.22	10.16	10.16	3 / 4			
reaction time	0.148	interval		1.06	0.94	0.90	0.87	0.86	0.88	0.89	0.90	0.94		# of strides	3.92	2.63	2.67
		velocity	5.21	9.43	10.64	11.11	11.49	11.63	11.36	11.24	11.11	10.64	9.84	46.0	7.65	11.41	11.24
Asemota, Duan (CAN) (1996)		time	1.95	3.02	3.98	4.89	5.76	6.64	7.52	8.39	9.29	10.17	10.17	5 / 5			
reaction time	0.143	interval		1.07	0.96	0.91	0.87	0.88	0.88	0.87	0.90	0.88		# of strides	3.98	2.66	2.65
		velocity	5.13	9.35	10.42	10.99	11.49	11.36	11.36	11.49	11.11	11.36	9.83	47.0	7.54	11.28	11.32
Jones, Terrence (BAH) (2002)		time	1.93	2.98	3.90	4.82	5.71	6.60	7.52	8.43	9.36	10.31	10.31	7 / 6			
reaction time	0.164	interval		1.05	0.92	0.92	0.89	0.89	0.92	0.91	0.93	0.95		# of strides	3.90	2.70	2.76
		velocity	5.18	9.52	10.87	10.87	11.24	11.24	10.87	10.99	10.75	10.53	9.70	44.0	7.69	11.11	10.87

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Santos, Marcos (ANG) (2004)		time	1.90	2.98	3.96	4.89	5.80	6.70	7.61	8.53	9.46	10.40	10.40	1 / 7			
reaction time	0.138	interval		1.08	0.98	0.93	0.91	0.90	0.91	0.92	0.93	0.94	PB	# of strides	3.96	2.74	2.76
		velocity	5.26	9.26	10.20	10.75	10.99	11.11	10.99	10.87	10.75	10.64	9.62	45.0	7.58	10.95	10.87
Burraj, Franko (ALB) (1998)		time	1.99	3.10	4.09	5.03	5.97	6.90	7.82	8.75	9.70	10.66	10.66	8 / 8			
reaction time	0.166	interval		1.11	0.99	0.94	0.94	0.93	0.92	0.93	0.95	0.96		# of strides	4.09	2.81	2.80
		velocity	5.03	9.01	10.10	10.64	10.64	10.75	10.87	10.75	10.53	10.42	9.38	46.0	7.33	10.68	10.71
Wdowik, Oliwer (POL) (2002)		time	1.98	3.08	4.09	5.04	5.99	6.94	7.91	8.93	10.09	11.53	11.53	9 / 9			
reaction time	0.175	interval		1.10	1.01	0.95	0.95	0.95	0.97	1.02	1.16	1.44		# of strides	4.09	2.85	3.15
		velocity	5.05	9.09	9.90	10.53	10.53	10.53	10.31	9.80	8.62	6.94	8.67		7.33	10.53	9.52

Heat 3

date 03-Aug-24 wind -0.2 m/s *Paris 2024 Olympic Games - Results Book (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hinchliffe, Louie (GBR) (2002)		time	1.94	3.01	3.95	4.84	5.70	6.55	7.40	8.26	9.12	9.98	9.98	3 / 1			
reaction time	0.146	interval		1.07	0.94	0.89	0.86	0.85	0.85	0.86	0.86	0.86		# of strides	3.95	2.60	2.57
		velocity	5.15	9.35	10.64	11.24	11.63	11.76	11.76	11.63	11.63	11.63	10.02	47.0	7.59	11.54	11.67
Lyles, Noah (USA) (1997)		time	1.94	3.00	3.94	4.83	5.70	6.56	7.42	8.29	9.16	10.04	10.04	6 / 2			
reaction time	0.161	interval		1.06	0.94	0.89	0.87	0.86	0.86	0.87	0.87	0.88		# of strides	3.94	2.62	2.60
		velocity	5.15	9.43	10.64	11.24	11.49	11.63	11.63	11.49	11.49	11.36	9.96	45.0	7.61	11.45	11.54
Maswanganyi, Shaun (RSA) (2001)		time	1.89	2.94	3.88	4.76	5.63	6.49	7.38	8.27	9.16	10.06	10.06	4 / 3			
reaction time	0.142	interval		1.05	0.94	0.88	0.87	0.86	0.89	0.89	0.89	0.90		# of strides	3.88	2.61	2.67
		velocity	5.29	9.52	10.64	11.36	11.49	11.63	11.24	11.24	11.24	11.11	9.94	42.2	7.73	11.49	11.24
Xie Zhenye (CHN) (1993)		time	1.92	2.97	3.93	4.82	5.69	6.57	7.45	8.34	9.24	10.16	10.16	7 / 4			
reaction time	0.158	interval		1.05	0.96	0.89	0.87	0.88	0.88	0.89	0.90	0.92		# of strides	3.93	2.64	2.67
		velocity	5.21	9.52	10.42	11.24	11.49	11.36	11.36	11.24	11.11	10.87	9.84	47.0	7.63	11.36	11.24
Ansah, Owen (GER) (2000)		time	2.00	3.05	4.00	4.90	5.77	6.65	7.54	8.42	9.32	10.22	10.22	5 / 5			
reaction time	0.164	interval		1.05	0.95	0.90	0.87	0.88	0.89	0.88	0.90	0.90		# of strides	4.00	2.65	2.67
		velocity	5.00	9.52	10.53	11.11	11.49	11.36	11.24	11.36	11.11	11.11	9.78	43.2	7.50	11.32	11.24
Al-Balushi, Ali Anwar (OMA) (200		time	1.92	2.99	3.93	4.83	5.70	6.57	7.47	8.39	9.30	10.26	10.26	8 / 6			
reaction time	0.161	interval		1.07	0.94	0.90	0.87	0.87	0.90	0.92	0.91	0.96		# of strides	3.93	2.64	2.73
		velocity	5.21	9.35	10.64	11.11	11.49	11.49	11.11	10.87	10.99	10.42	9.75	45.0	7.63	11.36	10.99
Harris, Naquille (SKN) (2002)		time	1.95	3.05	4.02	4.95	5.86	6.75	7.64	8.55	9.46	10.38	10.38	1 / 7			
reaction time	0.163	interval		1.10	0.97	0.93	0.91	0.89	0.89	0.91	0.91	0.92		# of strides	4.02	2.73	2.71
		velocity	5.13	9.09	10.31	10.75	10.99	11.24	11.24	10.99	10.99	10.87	9.63	46.2	7.46	10.99	11.07
Fuchs, Markus (AUT) (1995)		time	1.96	3.03	4.01	4.94	5.86	6.78	7.72	8.66	9.62	10.59	10.59	2 / 8			
reaction time	0.144	interval		1.07	0.98	0.93	0.92	0.92	0.94	0.94	0.96	0.97		# of strides	4.01	2.77	2.84
		velocity	5.10	9.35	10.20	10.75	10.87	10.87	10.64	10.64	10.42	10.31	9.44	48.0	7.48	10.83	10.56
Sicobo, Dyland (SEY) (1997)		time	1.93	3.02	4.00	4.93	5.85	6.76	7.70	8.66	9.63	10.62	10.62	9 / 9			
reaction time	0.145	interval		1.09	0.98	0.93	0.92	0.91	0.94	0.96	0.97	0.99		# of strides	4.00	2.76	2.87
		velocity	5.18	9.17	10.20	10.75	10.87	10.99	10.64	10.42	10.31	10.10	9.42	49.0	7.50	10.87	10.45

Heat 2

date 03-Aug-24 wind 0.2 m/s *Paris 2024 Olympic Games - Results Book (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Omanyala, Ferdinand (KEN) (1996)		time	1.91	2.96	3.91	4.80	5.67	6.52	7.39	8.25	9.14	10.08	10.08	2 / 1			
reaction time	0.148	interval		1.05	0.95	0.89	0.87	0.85	0.87	0.86	0.89	0.94		# of strides	3.91	2.61	2.62
		velocity	5.24	9.52	10.53	11.24	11.49	11.76	11.49	11.63	11.24	10.64	9.92	47.2	7.67	11.49	11.45
Ali, Chituru (ITA) (1999)		time	1.93	2.99	3.95	4.86	5.74	6.62	7.47	8.34	9.22	10.12	10.12	1 / 2			
reaction time	0.145	interval		1.06	0.96	0.91	0.88	0.88	0.85	0.87	0.88	0.90		# of strides	3.95	2.67	2.60
		velocity	5.18	9.43	10.42	10.99	11.36	11.36	11.76	11.49	11.36	11.11	9.88	41.5	7.59	11.24	11.54
Hartmann, Joshua (GER) (1999)		time	1.93	2.98	3.92	4.82	5.70	6.59	7.46	8.34	9.24	10.16	10.16	7 / 3			
reaction time	0.143	interval		1.05	0.94	0.90	0.88	0.89	0.87	0.88	0.90	0.92		# of strides	3.92	2.67	2.65
		velocity	5.18	9.52	10.64	11.11	11.36	11.24	11.49	11.36	11.11	10.87	9.84	44.0	7.65	11.24	11.32
Azzopardi, Joshua (AUS) (1999)		time	1.93	3.00	3.95	4.86	5.75	6.64	7.52	8.40	9.30	10.20	10.20	4 / 4			
reaction time	0.142	interval		1.07	0.95	0.91	0.89	0.89	0.88	0.88	0.90	0.90		# of strides	3.95	2.69	2.66
		velocity	5.18	9.35	10.53	10.99	11.24	11.24	11.36	11.36	11.11	11.11	9.80	46.5	7.59	11.15	11.28
Augustine, Devin (TTO) (2003)		time	1.95	3.01	3.98	4.90	5.79	6.69	7.58	8.47	9.38	10.31	10.31	6 / 5			
reaction time	0.164	interval		1.06	0.97	0.92	0.89	0.90	0.89	0.89	0.91	0.93		# of strides	3.98	2.71	2.69
		velocity	5.13	9.43	10.31	10.87	11.24	11.11	11.24	11.24	10.99	10.75	9.70	42.2	7.54	11.07	11.15
Cardoso, Erik (BRA) (2000)		time	1.96	3.03	3.99	4.92	5.83	6.73	7.61	8.50	9.42	10.35	10.35	9 / 6			
reaction time	0.171	interval		1.07	0.96	0.93	0.91	0.90	0.88	0.89	0.92	0.93		# of strides	3.99	2.74	2.69
		velocity	5.10	9.35	10.42	10.75	10.99	11.11	11.36	11.24	10.87	10.75	9.66	47.2	7.52	10.95	11.15

Deliser, Arturo (PAN) (1997)		time	1.95	3.05	4.03	4.95	5.86	6.77	7.64	8.55	9.43	10.35	10.35	3 / 7			
reaction time	0.153	interval		1.10	0.98	0.92	0.91	0.91	0.87	0.91	0.88	0.92		# of strides	4.03	2.74	2.66
		velocity	5.13	9.09	10.20	10.87	10.99	10.99	11.49	10.99	11.36	10.87	9.66	47.0	7.44	10.95	11.28
Rentería, Johnny (COL) (1997)		time	1.93	3.00	3.95	4.87	5.78	6.69	7.58	8.49	9.43	10.38	10.38	5 / 8			
reaction time	0.145	interval		1.07	0.95	0.92	0.91	0.91	0.89	0.91	0.94	0.95		# of strides	3.95	2.74	2.74
		velocity	5.18	9.35	10.53	10.87	10.99	10.99	11.24	10.99	10.64	10.53	9.63	46.2	7.59	10.95	10.95
Fahmi, Muhd Azeem (MAS) (2004)		time	1.94	3.03	4.00	4.91	5.81	6.71	7.61	8.54	9.48	10.45	10.45	8 / 9			
reaction time	0.158	interval		1.09	0.97	0.91	0.90	0.90	0.90	0.93	0.94	0.97		# of strides	4.00	2.71	2.77
		velocity	5.15	9.17	10.31	10.99	11.11	11.11	11.11	10.75	10.64	10.31	9.57	45.5	7.50	11.07	10.83

Heat 1

date 03-Aug-24 wind 0.6 m/s *Paris 2024 Olympic Games - Results Book (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Thompson, Kishane (JAM) (2001)		time	1.93	2.99	3.89	4.77	5.62	6.47	7.34	8.20	9.10	10.00	10.00	5 / 1			
reaction time	0.160	interval		1.06	0.90	0.88	0.85	0.85	0.87	0.86	0.90	0.90		# of strides	3.89	2.58	2.63
		velocity	5.18	9.43	11.11	11.36	11.76	11.76	11.49	11.63	11.11	11.11	10.00	44.5	7.71	11.63	11.41
Azamati, Benjamin (GHA) (1998)		time	1.98	3.04	3.96	4.87	5.73	6.58	7.46	8.33	9.22	10.08	10.08	6 / 2			
reaction time	0.176	interval		1.06	0.92	0.91	0.86	0.85	0.88	0.87	0.89	0.86		# of strides	3.96	2.62	2.64
		velocity	5.05	9.43	10.87	10.99	11.63	11.76	11.36	11.49	11.24	11.63	9.92	47.7	7.58	11.45	11.36
Espinosa, Reynaldo R. (CUB) (200		time	1.96	3.05	3.98	4.87	5.75	6.61	7.49	8.36	9.26	10.11	10.11	1 / 3			
reaction time	0.151	interval		1.09	0.93	0.89	0.88	0.86	0.88	0.87	0.90	0.85		# of strides	3.98	2.63	2.65
		velocity	5.10	9.17	10.75	11.24	11.36	11.63	11.36	11.49	11.11	11.76	9.89	47.0	7.54	11.41	11.32
Bardi, Felipe (BRA) (1998)		time	1.97	3.02	3.97	4.88	5.76	6.63	7.52	8.40	9.31	10.18	10.18	2 / 4			
reaction time	0.137	interval		1.05	0.95	0.91	0.88	0.87	0.89	0.88	0.91	0.87		# of strides	3.97	2.66	2.68
		velocity	5.08	9.52	10.53	10.99	11.36	11.49	11.24	11.36	10.99	11.49	9.82	44.7	7.56	11.28	11.19
Higashida, Akihiro (JPN) (1995)		time	1.95	3.03	3.98	4.87	5.75	6.63	7.53	8.41	9.33	10.19	10.19	9 / 5			
reaction time	0.129	interval		1.08	0.95	0.89	0.88	0.88	0.90	0.88	0.92	0.86		# of strides	3.98	2.65	2.70
		velocity	5.13	9.26	10.53	11.24	11.36	11.36	11.11	11.36	10.87	11.63	9.81	47.5	7.54	11.32	11.11
Zohri, Lalu Muhammad (INA) (200		time	1.94	3.00	3.95	4.85	5.74	6.62	7.53	8.44	9.36	10.26	10.26	3 / 6			
reaction time	0.153	interval		1.06	0.95	0.90	0.89	0.88	0.91	0.91	0.92	0.90		# of strides	3.95	2.67	2.74
		velocity	5.15	9.43	10.53	11.11	11.24	11.36	10.99	10.99	10.87	11.11	9.75	46.0	7.59	11.24	10.95
Özer, Kayhan (TUR) (1998)		time	1.91	3.00	3.95	4.88	5.78	6.68	7.60	8.50	9.44	10.34	10.34	8 / 7			
reaction time	0.135	interval		1.09	0.95	0.93	0.90	0.90	0.92	0.90	0.94	0.90		# of strides	3.95	2.73	2.76
		velocity	5.24	9.17	10.53	10.75	11.11	11.11	10.87	11.11	10.64	11.11	9.67	47.0	7.59	10.99	10.87
Matsenjwa, Sibusiso (SWZ) (1988)		time	2.04	3.14	4.10	5.02	5.91	6.80	7.70	8.59	9.51	10.39	10.39	7 / 8			
reaction time	0.172	interval		1.10	0.96	0.92	0.89	0.89	0.90	0.89	0.92	0.88		# of strides	4.10	2.70	2.71
		velocity	4.90	9.09	10.42	10.87	11.24	11.24	11.11	11.24	10.87	11.36	9.62	46.0	7.32	11.11	11.07

Prelim 6

date 03-Aug-24 wind 0.3 m/s *Paris 2024 Olympic Games - Results Book (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Deliser, Arturo (PAN) (1997)		time	1.96	3.05	4.03	4.96	5.86	6.74	7.63	8.52	9.42	10.34	10.34	2 / 1			
reaction time	0.165	interval		1.09	0.98	0.93	0.90	0.88	0.89	0.89	0.90	0.92		# of strides	4.03	2.71	2.68
		velocity	5.10	9.17	10.20	10.75	11.11	11.36	11.24	11.24	11.11	10.87	9.67	47.0	7.44	11.07	11.19
Sicobo, Dyland (SEY) (1997)		time	1.92	3.00	3.96	4.90	5.81	6.71	7.65	8.58	9.55	10.51	10.51	4 / 2			
reaction time	0.141	interval		1.08	0.96	0.94	0.91	0.90	0.94	0.93	0.97	0.96		# of strides	3.96	2.75	2.84
		velocity	5.21	9.26	10.42	10.64	10.99	11.11	10.64	10.75	10.31	10.42	9.51	48.7	7.58	10.91	10.56
Hoye Yenda Moukou, Frank (GAB		time	1.98	3.07	4.05	4.99	5.90	6.82	7.74	8.68	9.64	10.59	10.59	5 / 3			
reaction time	0.174	interval		1.09	0.98	0.94	0.91	0.92	0.92	0.94	0.96	0.95		# of strides	4.05	2.77	2.82
		velocity	5.05	9.17	10.20	10.64	10.99	10.87	10.87	10.64	10.42	10.53	9.44	48.0	7.41	10.83	10.64
Lisse, Jalen (SUR) (2000)		0.138	no information available										10.64	7 / 4		# of strides	48.0
Grillo, Beppo (MLT) (2003)		time	1.97	3.06	4.05	4.99	5.92	6.83	7.79	8.75	9.72	10.69	10.69	3 / 5			
reaction time	0.154	interval		1.09	0.99	0.94	0.93	0.91	0.96	0.96	0.97	0.97		# of strides	4.05	2.78	2.89
		velocity	5.08	9.17	10.10	10.64	10.75	10.99	10.42	10.42	10.31	10.31	9.35	49.0	7.41	10.79	10.38
Rahman, Imran (BAN) (1993)		time	1.94	3.01	3.97	4.89	5.81	6.74	7.71	8.68	9.69	10.73	10.73	8 / 6			
reaction time	0.133	interval		1.07	0.96	0.92	0.92	0.93	0.97	0.97	1.01	1.04		# of strides	3.97	2.77	2.95
		velocity	5.15	9.35	10.42	10.87	10.87	10.75	10.31	10.31	9.90	9.62	9.32	49.0	7.56	10.83	10.17
Tewa, Waisake (FIJ) (2003)		time	1.97	3.07	4.05	5.01	5.92	6.86	7.80	8.76	9.74	10.73	10.73	6 / 7			
reaction time	0.153	interval		1.10	0.98	0.96	0.91	0.94	0.94	0.96	0.98	0.99		# of strides	4.05	2.81	2.88
		velocity	5.08	9.09	10.20	10.42	10.99	10.64	10.64	10.42	10.20	10.10	9.32	47.0	7.41	10.68	10.42
Idris, Muhd Noor Firdaus (BRU) (		time	2.02	3.11	4.10	5.06	5.99	6.94	7.90	8.87	9.86	10.86	10.86	9 / 8			
reaction time	0.158	interval		1.09	0.99	0.96	0.93	0.95	0.96	0.97	0.99	1.00		# of strides	4.10	2.84	2.92
		velocity	4.95	9.17	10.10	10.42	10.75	10.53	10.42	10.31	10.10	10.00	9.21	47.5	7.32	10.56	10.27

Prelim 5

date 03-Aug-24 wind -0.4 m/s *Paris 2024 Olympic Games - Results Book (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Harris, Naquille (SKN) (2002)		time	1.97	3.07	4.04	4.96	5.85	6.75	7.64	8.53	9.42	10.33	10.33	3 / 1			
reaction time	0.189	interval		1.10	0.97	0.92	0.89	0.90	0.89	0.89	0.89	0.91		# of strides	4.04	2.71	2.67
		velocity	5.08	9.09	10.31	10.87	11.24	11.11	11.24	11.24	11.24	10.99	9.68	46.2	7.43	11.07	11.24
Zohri, Lalu Muhammad (INA) (200		time	1.94	3.00	3.95	4.87	5.77	6.66	7.56	8.48	9.41	10.35	10.35	2 / 2			
reaction time	0.157	interval		1.06	0.95	0.92	0.90	0.89	0.90	0.92	0.93	0.94		# of strides	3.95	2.71	2.75
		velocity	5.15	9.43	10.53	10.87	11.11	11.24	11.11	10.87	10.75	10.64	9.66	47.0	7.59	11.07	10.91
Mulamba, Dominique Lasconi (CC		time	1.98	3.07	4.06	5.00	5.92	6.83	7.74	8.66	9.58	10.54	10.54	5 / ~~3~~			
reaction time	0.158	interval		1.09	0.99	0.94	0.92	0.91	0.91	0.92	0.92	0.96	DV	# of strides	4.06	2.77	2.75
		velocity	5.05	9.17	10.10	10.64	10.87	10.99	10.99	10.87	10.87	10.42	9.49	47.0	7.39	10.83	10.91
Sissoko, Fode (MLI) (1996)		time	2.10	3.21	4.19	5.14	6.05	6.97	7.88	8.80	9.73	10.66	10.66	4 / ~~4~~ 3			
reaction time	0.182	interval		1.11	0.98	0.95	0.91	0.92	0.91	0.92	0.93	0.93		# of strides	4.19	2.78	2.76
		velocity	4.76	9.01	10.20	10.53	10.99	10.87	10.99	10.87	10.75	10.75	9.38	46.2	7.16	10.79	10.87
Green, Joseph (GUM) (2001)		time	2.04	3.15	4.15	5.12	6.06	6.99	7.94	8.89	9.86	10.85	10.85	7 / ~~5~~ 4			
reaction time	0.163	interval		1.11	1.00	0.97	0.94	0.93	0.95	0.95	0.97	0.99		# of strides	4.15	2.84	2.87
		velocity	4.90	9.01	10.00	10.31	10.64	10.75	10.53	10.53	10.31	10.10	9.22	48.0	7.23	10.56	10.45
Kakiouea, Winzar (NRU) (2001)		time	2.03	3.13	4.16	5.15	6.12	7.09	8.07	9.07	10.10	11.15	11.15	6 / ~~6~~ 5			
reaction time	0.165	interval		1.10	1.03	0.99	0.97	0.97	0.98	1.00	1.03	1.05		# of strides	4.16	2.93	3.01
		velocity	4.93	9.09	9.71	10.10	10.31	10.31	10.20	10.00	9.71	9.52	8.97	50.5	7.21	10.24	9.97
Santander Villarubia, Remigio (GE		time	2.10	3.28	4.34	5.36	6.37	7.39	8.42	9.48	10.55	11.65	11.65	9 / ~~7~~ 6			
reaction time	0.186	interval		1.18	1.06	1.02	1.01	1.02	1.03	1.06	1.07	1.10		# of strides	4.34	3.05	3.16
		velocity	4.76	8.47	9.43	9.80	9.90	9.80	9.71	9.43	9.35	9.09	8.58		6.91	9.84	9.49
Fukofuka, Maleselo (TGA) (2005)		time	2.15	3.35	4.45	5.54	6.62	7.68	8.77	9.87	10.98	12.11	12.11	8 / ~~8~~ 7			
reaction time	0.155	interval		1.20	1.10	1.09	1.08	1.06	1.09	1.10	1.11	1.13	PB	# of strides	4.45	3.23	3.30
		velocity	4.65	8.33	9.09	9.17	9.26	9.43	9.17	9.09	9.01	8.85	8.26		6.74	9.29	9.09

Prelim 4

date 03-Aug-24 wind 0.2 m/s *Paris 2024 Olympic Games - Results Book (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Borzor, Christopher (HAI) (1999)		time	1.96	3.04	4.00	4.92	5.81	6.68	7.57	8.46	9.36	10.26	10.26	2 / 1			
reaction time	0.147	interval		1.08	0.96	0.92	0.89	0.87	0.89	0.89	0.90	0.90		# of strides	4.00	2.68	2.68
		velocity	5.10	9.26	10.42	10.87	11.24	11.49	11.24	11.24	11.11	11.11	9.75	47.2	7.50	11.19	11.19
Santos, Marcos (ANG) (2004)		time	1.88	2.97	3.93	4.85	5.74	6.64	7.54	8.45	9.38	10.31	10.31	4 / 2			
reaction time	0.149	interval		1.09	0.96	0.92	0.89	0.90	0.90	0.91	0.93	0.93	NR PB	# of strides	3.93	2.71	2.74
		velocity	5.32	9.17	10.42	10.87	11.24	11.11	11.11	10.99	10.75	10.75	9.70	45.2	7.63	11.07	10.95
Maaroufou, Hachim (COM) (1997)		time	1.99	3.06	4.02	4.95	5.84	6.73	7.64	8.55	9.49	10.44	10.44	3 / 3			
reaction time	0.160	interval		1.07	0.96	0.93	0.89	0.89	0.91	0.91	0.94	0.95		# of strides	4.02	2.71	2.76
		velocity	5.03	9.35	10.42	10.75	11.24	11.24	10.99	10.99	10.64	10.53	9.58	44.7	7.46	11.07	10.87
Yaseen, Taha Hussein (IRQ) (1998)		time	1.96	3.05	4.02	4.94	5.86	6.77	7.70	8.62	9.56	10.51	10.51	9 / 4			
reaction time	0.159	interval		1.09	0.97	0.92	0.92	0.91	0.93	0.92	0.94	0.95		# of strides	4.02	2.75	2.79
		velocity	5.10	9.17	10.31	10.87	10.87	10.99	10.75	10.87	10.64	10.53	9.51	48.2	7.46	10.91	10.75
Adam, Ibadulla (MDV) (2002)		time	1.92	3.01	3.98	4.92	5.82	6.72	7.65	8.60	9.57	10.55	10.55	5 / 5			
reaction time	0.161	interval		1.09	0.97	0.94	0.90	0.90	0.93	0.95	0.97	0.98	PB	# of strides	3.98	2.74	2.85
		velocity	5.21	9.17	10.31	10.64	11.11	11.11	10.75	10.53	10.31	10.20	9.48	50.0	7.54	10.95	10.53
Gill, Shuan (BIZ) (1993)		time	1.98	3.08	4.08	5.05	6.02	6.99	8.01	9.03	10.08	11.17	11.17	6 / 6			
reaction time	0.143	interval		1.10	1.00	0.97	0.97	0.97	1.02	1.02	1.05	1.09		# of strides	4.08	2.91	3.09
		velocity	5.05	9.09	10.00	10.31	10.31	10.31	9.80	9.80	9.52	9.17	8.95	49.0	7.35	10.31	9.71
Fiti, Scott James (FSM) (1995)		time	2.05	3.20	4.23	5.25	6.26	7.29	8.34	9.40	10.49	11.61	11.61	8 / 7			
reaction time	0.185	interval		1.15	1.03	1.02	1.01	1.03	1.05	1.06	1.09	1.12		# of strides	4.23	3.06	3.20
		velocity	4.88	8.70	9.71	9.80	9.90	9.71	9.52	9.43	9.17	8.93	8.61		7.09	9.80	9.38
Essabai, Ahmed (LBA) (2000)		time	2.25	3.44	4.52	5.55	6.58	7.61	8.65	9.71	10.80	11.89	11.89	7 / 8			
reaction time	0.306	interval		1.19	1.08	1.03	1.03	1.03	1.04	1.06	1.09	1.09		# of strides	4.52	3.09	3.19
		velocity	4.44	8.40	9.26	9.71	9.71	9.71	9.62	9.43	9.17	9.17	8.41		6.64	9.71	9.40

Prelim 3

date 03-Aug-24 wind 0.1 m/s *Paris 2024 Olympic Games - Results Book (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bibi, Noah (MRI) (2000)		time	1.90	2.97	3.90	4.80	5.69	6.57	7.47	8.39	9.32	10.27	10.27	2 / 1			
reaction time	0.148	interval		1.07	0.93	0.90	0.89	0.88	0.90	0.92	0.93	0.95		# of strides	3.90	2.67	2.75
		velocity	5.26	9.35	10.75	11.11	11.24	11.36	11.11	10.87	10.75	10.53	9.74	45.0	7.69	11.24	10.91
Burraj, Franko (ALB) (1998)		time	1.96	3.08	4.07	5.00	5.93	6.85	7.77	8.69	9.65	10.60	10.60	5 / 2			

WR = World Rec. AR = Area Rec. OR = Olympic Rec. CR = Championship Rec. NR = National Rec. PB = Personal Best DQ = Disqualified DV = Drug Violation

reaction time	0.161	interval		1.12	0.99	0.93	0.93	0.92	0.92	0.92	0.96	0.95	PB	# of strides	4.07	2.78	2.80
		velocity	5.10	8.93	10.10	10.75	10.75	10.87	10.87	10.87	10.42	10.53	9.43	46.7	7.37	10.79	10.71
Muzrapov, Favoris (TJK) (1998)		time	1.93	3.01	3.98	4.91	5.83	6.75	7.69	8.64	9.60	10.60	10.60	4 / 3			
reaction time	0.142	interval		1.08	0.97	0.93	0.92	0.92	0.94	0.95	0.96	1.00		# of strides	3.98	2.77	2.85
		velocity	5.18	9.26	10.31	10.75	10.87	10.87	10.64	10.53	10.42	10.00	9.43	50.7	7.54	10.83	10.53
Diu Chun Hei (HKG) (2000)		time	1.97	3.04	4.00	4.93	5.83	6.75	7.69	8.64	9.62	10.62	10.62	3 / 4			
reaction time	0.171	interval		1.07	0.96	0.93	0.90	0.92	0.94	0.95	0.98	1.00		# of strides	4.00	2.75	2.87
		velocity	5.08	9.35	10.42	10.75	11.11	10.87	10.64	10.53	10.20	10.00	9.42	49.0	7.50	10.91	10.45
Garcia, Melique (HON) (1992)		time	1.95	3.06	4.05	4.98	5.93	6.86	7.81	8.77	9.76	10.76	10.76	6 / 5			
reaction time	0.165	interval		1.11	0.99	0.93	0.95	0.93	0.95	0.96	0.99	1.00		# of strides	4.05	2.81	2.90
		velocity	5.13	9.01	10.10	10.75	10.53	10.75	10.53	10.42	10.10	10.00	9.29	48.7	7.41	10.68	10.34
Gardiner, Rija Vatomanga (MAD) (		time	2.04	3.15	4.15	5.11	6.04	6.97	7.92	8.86	9.83	10.82	10.82	7 / 6			
reaction time	0.157	interval		1.11	1.00	0.96	0.93	0.93	0.95	0.94	0.97	0.99	PB	# of strides	4.15	2.82	2.86
		velocity	4.90	9.01	10.00	10.42	10.75	10.75	10.53	10.64	10.31	10.10	9.24	48.5	7.23	10.64	10.49
Ataide, Manuel (TLS) (2001)		time	2.14	3.28	4.30	5.28	6.25	7.23	8.24	9.25	10.30	11.35	11.35	9 / 8			
reaction time	0.145	interval		1.14	1.02	0.98	0.97	0.98	1.01	1.01	1.05	1.05	NR PB	# of strides	4.30	2.93	3.07
		velocity	4.67	8.77	9.80	10.20	10.31	10.20	9.90	9.90	9.52	9.52	8.81	47.7	6.98	10.24	9.77
Al-Yafaee, Samer (YEM) (2005)		time	2.09	3.24	4.29	5.31	6.32	7.33	8.36	9.40	10.46	11.54	11.54	8 / 9			
reaction time	0.150	interval		1.15	1.05	1.02	1.01	1.01	1.03	1.04	1.06	1.08	PB	# of strides	4.29	3.04	3.13
		velocity	4.78	8.70	9.52	9.80	9.90	9.90	9.71	9.62	9.43	9.26	8.67	44.5	6.99	9.87	9.58

Prelim 2

date 03-Aug-24 wind -0.3 m/s *Paris 2024 Olympic Games - Results Book (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Howell, Davonte (CAY) (2005)		time	1.94	3.03	3.99	4.91	5.81	6.71	7.58	8.49	9.39	10.31	10.31	2 / 1			
reaction time	0.144	interval		1.09	0.96	0.92	0.90	0.90	0.87	0.91	0.90	0.92		# of strides	3.99	2.72	2.68
		velocity	5.15	9.17	10.42	10.87	11.11	11.11	11.49	10.99	11.11	10.87	9.70	47.0	7.52	11.03	11.19
Matsenjwa, Sibusiso (SWZ) (1988)		time	1.97	3.07	4.04	4.97	5.86	6.76	7.66	8.56	9.47	10.39	10.39	4 / 2			
reaction time	0.160	interval		1.10	0.97	0.93	0.89	0.90	0.90	0.90	0.91	0.92		# of strides	4.04	2.72	2.71
		velocity	5.08	9.09	10.31	10.75	11.24	11.11	11.11	11.11	10.99	10.87	9.62	46.0	7.43	11.03	11.07
Kiki, Didier (BEN) (1995)		time	2.02	3.11	4.10	5.06	5.99	6.92	7.86	8.81	9.78	10.76	10.76	6 / 3			
reaction time	0.142	interval		1.09	0.99	0.96	0.93	0.93	0.94	0.95	0.97	0.98		# of strides	4.10	2.82	2.86
		velocity	4.95	9.17	10.10	10.42	10.75	10.75	10.64	10.53	10.31	10.20	9.29	48.0	7.32	10.64	10.49
Toumadji, Herve (CAF) (1994)		time	1.97	3.08	4.08	5.06	5.99	6.93	7.88	8.83	9.79	10.76	10.76	5 / 4			
reaction time	0.146	interval		1.11	1.00	0.98	0.93	0.94	0.95	0.95	0.96	0.97		# of strides	4.08	2.85	2.86
		velocity	5.08	9.01	10.00	10.20	10.75	10.64	10.53	10.53	10.42	10.31	9.29	46.0	7.35	10.53	10.49
Kaniwete, Kenaz (KIR) (2008)		time	2.05	3.19	4.23	5.21	6.19	7.17	8.17	9.19	10.23	11.29	11.29	7 / 5			
reaction time	0.177	interval		1.14	1.04	0.98	0.98	0.98	1.00	1.02	1.04	1.06	PB	# of strides	4.23	2.94	3.06
		velocity	4.88	8.77	9.62	10.20	10.20	10.20	10.00	9.80	9.62	9.43	8.86	49.0	7.09	10.20	9.80
Pešić, Darko (MNE) (1992)		time	2.14	3.32	4.40	5.44	6.47	7.51	8.56	9.62	10.71	11.85	11.85	8 / 6			
reaction time	0.193	interval		1.18	1.08	1.04	1.03	1.04	1.05	1.06	1.09	1.14		# of strides	4.40	3.11	3.20
		velocity	4.67	8.47	9.26	9.62	9.71	9.62	9.52	9.43	9.17	8.77	8.44	44.0	6.82	9.65	9.38

Prelim 1

date 03-Aug-24 wind 0.6 m/s *Paris 2024 Olympic Games - Results Book (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Camara, Ebrahima (GAM) (1996)		time	1.94	3.02	3.97	4.88	5.76	6.64	7.53	8.44	9.35	10.29	10.29	2 / 1			
reaction time	0.156	interval		1.08	0.95	0.91	0.88	0.88	0.89	0.91	0.91	0.94		# of strides	3.97	2.67	2.71
		velocity	5.15	9.26	10.53	10.99	11.36	11.36	11.24	10.99	10.99	10.64	9.72	47.2	7.56	11.24	11.07
Fahmi, Muhd Azeem (MAS) (2004)		time	1.96	3.02	3.98	4.90	5.79	6.70	7.60	8.51	9.45	10.42	10.42	3 / 2			
reaction time	0.172	interval		1.06	0.96	0.92	0.89	0.91	0.90	0.91	0.94	0.97		# of strides	3.98	2.72	2.75
		velocity	5.10	9.43	10.42	10.87	11.24	10.99	11.11	10.99	10.64	10.31	9.60	46.0	7.54	11.03	10.91
Louis, Marc Brian (SGP) (2002)		time	1.95	3.02	3.97	4.88	5.79	6.70	7.61	8.53	9.47	10.43	10.43	4 / 3			
reaction time	0.168	interval		1.07	0.95	0.91	0.91	0.91	0.91	0.92	0.94	0.96		# of strides	3.97	2.73	2.77
		velocity	5.13	9.35	10.53	10.99	10.99	10.99	10.99	10.87	10.64	10.42	9.59	49.2	7.56	10.99	10.83
Noor Zahi, Sha Mahmood (AFG) (		time	2.03	3.11	4.08	5.01	5.92	6.83	7.77	8.71	9.67	10.64	10.64	5 / 4			
reaction time	0.174	interval		1.08	0.97	0.93	0.91	0.91	0.94	0.94	0.96	0.97	NR PB	# of strides	4.08	2.75	2.84
		velocity	4.93	9.26	10.31	10.75	10.99	10.99	10.64	10.64	10.42	10.31	9.40	45.5	7.35	10.91	10.56
Camara, Seco (GBS) (1995)		time	2.04	3.13	4.10	5.05	5.98	6.89	7.83	8.78	9.76	10.76	10.76	6 / 5			
reaction time	0.180	interval		1.09	0.97	0.95	0.93	0.91	0.94	0.95	0.98	1.00		# of strides	4.10	2.79	2.87
		velocity	4.90	9.17	10.31	10.53	10.75	10.99	10.64	10.53	10.20	10.00	9.29	46.0	7.32	10.75	10.45
Reed, William (MHL) (2005)		time	2.04	3.17	4.22	5.22	6.20	7.18	8.19	9.21	10.23	11.29	11.29	7 / 6			
reaction time	0.172	interval		1.13	1.05	1.00	0.98	0.98	1.01	1.02	1.02	1.06	PB	# of strides	4.22	2.96	3.05

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
		velocity	4.90	8.85	9.52	10.00	10.20	10.20	9.90	9.80	9.80	9.43	8.86	50.0	7.11	10.14	9.84
Maibuca, Karalo Hepoiteloto (TUV		time	1.97	3.10	4.13	5.12	6.12	7.11	8.14	9.18	10.24	11.30	11.30	8 / 7			
reaction time	0.153	interval		1.13	1.03	0.99	1.00	0.99	1.03	1.04	1.06	1.06	NR PB	# of strides	4.13	2.98	3.13
		velocity	5.08	8.85	9.71	10.10	10.00	10.10	9.71	9.62	9.43	9.43	8.85	50.5	7.26	10.07	9.58

Decathlon - Heat 3

date 02-Aug-24 wind 0.8 m/s

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Warner, Damian (CAN) (1989)	0.143	no information available										10.25	9 / 1	# of strides		45.0
Owens-Delerme, Ayden (PUR) (20	0.143	no information available										10.35	2 / 2	# of strides		44.0
Steinforth, Till (GER) (2002)	0.121	no information available										10.52	7 / 3	# of strides		45.0
Roosen, Sven (NED) (2001)	0.138	no information available										10.52	6 / 4	# of strides		46.5
Moloney, Ashley (AUS) (2000)	0.153	no information available										10.56	5 / 5	# of strides		43.2
Victor, Lindon (GRN) (1993)	0.158	no information available										10.56	3 / 6	# of strides		45.0
Mullings, Ken (BAH) (1997)	0.160	no information available										10.60	8 / 7	# of strides		45.0
Ziemek, Zachery (USA) (1993)	0.145	no information available										10.60	4 / 8	# of strides		44.0

Decathlon - Heat 2

date 02-Aug-24 wind 1.4 m/s

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Williams, Harrison (USA) (1996)	0.175	no information available										10.62	5 / 1	# of strides		41.5
Erm, Johannes (EST) (1998)	0.202	no information available										10.64	3 / 2	# of strides		43.2
Taam, Rik (NED) (1997)	0.137	no information available										10.64	7 / 3	# of strides		47.5
Ferreira Santana, José (BRA) (199	0.146	no information available									PB	10.66	6 / 4	# of strides		45.2
Neugebauer, Leo (GER) (2000)	0.158	no information available										10.67	2 / 5	# of strides		44.5
Gletty, Markenson (FRA) (1999)	0.159	no information available										10.72	4 / 6	# of strides		44.0
Baldwin, Heath (USA) (2001)	0.111	no information available										10.91	8 / 7	# of strides		45.0

Decathlon - Heat 1

date 02-Aug-24 wind 0.9 m/s

Paris 2024 Olympic Games - Results Book (2024)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Rooth, Markus (NOR) (2001)		time	1.98	3.10	4.10	5.06	5.98	6.92	7.86	8.81	9.76	10.71	10.71	8 / 1			
reaction time	0.151	interval		1.12	1.00	0.96	0.92	0.94	0.94	0.95	0.95	0.95	PB	# of strides	4.10	2.82	2.84
		velocity	5.05	8.93	10.00	10.42	10.87	10.64	10.64	10.53	10.53	10.53	9.34	97.0	7.32	10.64	10.56
Skotheim, Sander (NOR) (2002)		time	2.07	3.19	4.21	5.17	6.09	7.03	7.97	8.91	9.85	10.78	10.78	4 / 2			
reaction time	0.165	interval		1.12	1.02	0.96	0.92	0.94	0.94	0.94	0.94	0.93		# of strides	4.21	2.82	2.82
		velocity	4.83	8.93	9.80	10.42	10.87	10.64	10.64	10.64	10.64	10.75	9.28	46.7	7.13	10.64	10.64
Urena, Jorge (ESP) (1993)		time	2.05	3.15	4.15	5.12	6.05	6.99	7.95	8.94	9.90	10.87	10.87	7 / 3			
reaction time	0.139	interval		1.10	1.00	0.97	0.93	0.94	0.96	0.99	0.96	0.97		# of strides	4.15	2.84	2.91
		velocity	4.88	9.09	10.00	10.31	10.75	10.64	10.42	10.10	10.42	10.31	9.20	46.5	7.23	10.56	10.31
Õiglane, Janek (EST) (1994)		time	2.03	3.13	4.20	5.16	6.11	7.06	8.01	8.97	9.94	10.89	10.89	3 / 4			
reaction time	0.142	interval		1.10	1.07	0.96	0.95	0.95	0.95	0.96	0.97	0.95	=PB	# of strides	4.20	2.86	2.88
		velocity	4.93	9.09	9.35	10.42	10.53	10.53	10.53	10.42	10.31	10.53	9.18	46.0	7.14	10.49	10.42
Tilga, Karel (EST) (1998)		time	2.06	3.19	4.21	5.17	6.10	7.10	8.07	9.04	10.02	11.01	11.01	6 / 5			
reaction time	0.150	interval		1.13	1.02	0.96	0.93	1.00	0.97	0.97	0.98	0.99		# of strides	4.21	2.89	2.92
		velocity	4.85	8.85	9.80	10.42	10.75	10.00	10.31	10.31	10.20	10.10	9.08	42.5	7.13	10.38	10.27
Golubovic, Daniel (AUS) (1993)		time	2.14	3.30	4.35	5.33	6.34	7.32	8.31	9.31	10.33	11.32	11.32	2 / 6			
reaction time	0.161	interval		1.16	1.05	0.98	1.01	0.98	0.99	1.00	1.02	0.99		# of strides	4.35	2.97	3.01
		velocity	4.67	8.62	9.52	10.20	9.90	10.20	10.10	10.00	9.80	10.10	8.83	46.0	6.90	10.10	9.97
Kaul, Niklas (GER) (1998)		time	2.15	3.33	4.39	5.39	6.38	7.36	8.37	9.34	10.35	11.34	11.34	5 / 7			
reaction time	0.162	interval		1.18	1.06	1.00	0.99	0.98	1.01	0.97	1.01	0.99		# of strides	4.39	2.97	2.99
		velocity	4.65	8.47	9.43	10.00	10.10	10.20	9.90	10.31	9.90	10.10	8.82	44.2	6.83	10.10	10.03

2024 London Athletics Meet (London, GBR)

FINAL

date 20-Jul-24 wind -0.3 m/s

Omega Timing (2024) - diamond league race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lyles, Noah (USA) (1997)	time	1.95	2.99	3.91	4.79	5.63	6.47	7.30	8.14	8.98	9.81	9.81	5 / 1			
reaction time 0.164	interval		1.04	0.92	0.88	0.84	0.84	0.83	0.84	0.84	0.83	PB	# of strides	3.91	2.56	2.51
	velocity	5.13	9.62	10.87	11.36	11.90	11.90	12.05	11.90	11.90	12.05	10.19	44.0	7.67	11.72	11.95
Simbine, Akani (RSA) (1993)	time	1.94	2.98	3.91	4.80	5.65	6.50	7.33	8.18	9.03	9.86	9.86	7 / 2			
reaction time 0.132	interval		1.04	0.93	0.89	0.85	0.85	0.83	0.85	0.85	0.83		# of strides	3.91	2.59	2.53
	velocity	5.15	9.62	10.75	11.24	11.76	11.76	12.05	11.76	11.76	12.05	10.14	47.0	7.67	11.58	11.86
Tebogo, Letsile (BOT) (2003)	time	1.92	2.96	3.89	4.78	5.64	6.48	7.33	8.17	9.04	9.88	9.88	4 / 3			
reaction time 0.159	interval		1.04	0.93	0.89	0.86	0.84	0.85	0.84	0.87	0.84	=NR =PB	# of strides	3.89	2.59	2.56
	velocity	5.21	9.62	10.75	11.24	11.63	11.90	11.76	11.90	11.49	11.90	10.12	43.0	7.71	11.58	11.72
Hinchliffe, Louie (GBR) (2002)	time	1.99	3.04	3.99	4.88	5.74	6.59	7.43	8.27	9.14	9.97	9.97	6 / 4			
reaction time 0.185	interval		1.05	0.95	0.89	0.86	0.85	0.84	0.84	0.87	0.83		# of strides	3.99	2.60	2.55
	velocity	5.03	9.52	10.53	11.24	11.63	11.76	11.90	11.90	11.49	12.05	10.03	46.7	7.52	11.54	11.76

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m				
Blake, Ackeem (JAM) (2002)		time	1.89	2.94	3.88	4.76	5.63	6.49	7.35	8.22	9.10	9.97	9.97	8 / 4		
reaction time	0.155	interval		1.05	0.94	0.88	0.87	0.86	0.86	0.87	0.88	0.87		# of strides	3.88	2.61	2.61
		velocity	5.29	9.52	10.64	11.36	11.49	11.63	11.63	11.49	11.36	11.49	10.03	46.2	7.73	11.49	11.49
Hughes, Zharnel (GBR) (1995)		time	1.98	3.04	3.98	4.86	5.72	6.57	7.42	8.28	9.15	10.00	10.00	3 / 6		
reaction time	0.126	interval		1.06	0.94	0.88	0.86	0.85	0.85	0.86	0.87	0.85		# of strides	3.98	2.59	2.58
		velocity	5.05	9.43	10.64	11.36	11.63	11.76	11.76	11.63	11.49	11.76	10.00	45.5	7.54	11.58	11.63
Azu, Jeremiah (GBR) (2001)		time	1.90	2.96	3.90	4.80	5.69	6.56	7.43	8.31	9.20	10.08	10.08	2 / 7		
reaction time	0.144	interval		1.06	0.94	0.90	0.89	0.87	0.87	0.88	0.89	0.88		# of strides	3.90	2.66	2.64
		velocity	5.26	9.43	10.64	11.11	11.24	11.49	11.49	11.36	11.24	11.36	9.92	47.2	7.69	11.28	11.36
Blake, Yohan (JAM) (1989)		time	1.93	2.99	3.94	4.85	5.74	6.62	7.51	8.40	9.32	10.23	10.23	1 / 8		
reaction time	0.177	interval		1.06	0.95	0.91	0.89	0.88	0.89	0.89	0.92	0.91		# of strides	3.94	2.68	2.70
		velocity	5.18	9.43	10.53	10.99	11.24	11.36	11.24	11.24	10.87	10.99	9.78	46.7	7.61	11.19	11.11

National FINAL

date 20-Jul-24 wind 2.1 m/s

Omega Timing (2024) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Amo-Dadzie, Eugene (GBR) (1992		time	1.90	2.95	3.90	4.80	5.68	6.55	7.42	8.31	9.20	10.12	10.12	6 / 1			
reaction time	0.157	interval		1.05	0.95	0.90	0.88	0.87	0.87	0.89	0.89	0.92		# of strides	3.90	2.65	2.65
		velocity	5.26	9.52	10.53	11.11	11.36	11.49	11.49	11.24	11.24	10.87	9.88		7.69	11.32	11.32
Prescod, Reece (GBR) (1996)		time	1.95	3.03	3.99	4.90	5.79	6.65	7.52	8.38	9.25	10.14	10.14	4 / 2			
reaction time	0.148	interval		1.08	0.96	0.91	0.89	0.86	0.87	0.86	0.87	0.89		# of strides	3.99	2.66	2.60
		velocity	5.13	9.26	10.42	10.99	11.24	11.63	11.49	11.63	11.49	11.24	9.86		7.52	11.28	11.54
Ujah, Chijindu (GBR) (1994)		time	1.90	2.96	3.90	4.80	5.68	6.55	7.43	8.31	9.22	10.14	10.14	5 / 3			
reaction time	0.128	interval		1.06	0.94	0.90	0.88	0.87	0.88	0.88	0.91	0.92		# of strides	3.90	2.65	2.67
		velocity	5.26	9.43	10.64	11.11	11.36	11.49	11.36	11.36	10.99	10.87	9.86		7.69	11.32	11.24
Edoburun, Ojie (GBR) (1996)		time	1.97	3.03	3.99	4.89	5.77	6.63	7.51	8.39	9.28	10.18	10.18	3 / 4			
reaction time	0.177	interval		1.06	0.96	0.90	0.88	0.86	0.88	0.88	0.89	0.90		# of strides	3.99	2.64	2.65
		velocity	5.08	9.43	10.42	11.11	11.36	11.63	11.36	11.36	11.24	11.11	9.82		7.52	11.36	11.32
Vermont, Dylan (FRA) (1999)		time	1.97	3.06	4.02	4.94	5.83	6.71	7.59	8.49	9.39	10.31	10.31	2 / 5			
reaction time	0.137	interval		1.09	0.96	0.92	0.89	0.88	0.88	0.90	0.90	0.92		# of strides	4.02	2.69	2.68
		velocity	5.08	9.17	10.42	10.87	11.24	11.36	11.36	11.11	11.11	10.87	9.70		7.46	11.15	11.19
Morgan-Harrison, David (GBR) (2(		time	1.93	3.00	3.97	4.88	5.79	6.68	7.58	8.50	9.42	10.36	10.36	8 / 6			
reaction time	0.176	interval		1.07	0.97	0.91	0.91	0.89	0.90	0.92	0.92	0.94		# of strides	3.97	2.71	2.74
		velocity	5.18	9.35	10.31	10.99	10.99	11.24	11.11	10.87	10.87	10.64	9.65		7.56	11.07	10.95
Quainoo, Jeriel (GBR) (2003)		time	1.97	3.05	4.02	4.95	5.85	6.75	7.64	8.56	9.48	10.42	10.42	1 / 7			
reaction time	0.143	interval		1.08	0.97	0.93	0.90	0.90	0.89	0.92	0.92	0.94		# of strides	4.02	2.73	2.73
		velocity	5.08	9.26	10.31	10.75	11.11	11.11	11.24	10.87	10.87	10.64	9.60		7.46	10.99	10.99
Adigida, Onyema (NED) (2000)		time	1.99	3.09	4.07	5.00	5.91	6.80	7.69	8.59	9.50	10.43	10.43	7 / 8			
reaction time	0.171	interval		1.10	0.98	0.93	0.91	0.89	0.89	0.90	0.91	0.93		# of strides	4.07	2.73	2.70
		velocity	5.03	9.09	10.20	10.75	10.99	11.24	11.24	11.11	10.99	10.75	9.59		7.37	10.99	11.11

2024 FBK Games (Hengelo, NED)

National FINAL

date 07-Jul-24 wind -0.6 m/s

Omega Timing (2024) - continental tour gold race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ekpo, Nsikak (NED) (2003)		time	1.93	3.04	4.03	4.97	5.90	6.83	7.75	8.65	9.58	10.49	10.49	5 / 1			
reaction time	0.141	interval		1.11	0.99	0.94	0.93	0.93	0.92	0.90	0.93	0.91		# of strides	4.03	2.80	2.75
		velocity	5.18	9.01	10.10	10.64	10.75	10.75	10.87	11.11	10.75	10.99	9.53		7.44	10.71	10.91
Spiering, Timo (NED) (2004)		time	1.94	3.07	4.03	4.97	5.89	6.83	7.75	8.67	9.60	10.52	10.52	6 / 2			
reaction time	0.138	interval		1.13	0.96	0.94	0.92	0.94	0.92	0.92	0.93	0.92		# of strides	4.03	2.80	2.77
		velocity	5.15	8.85	10.42	10.64	10.87	10.64	10.87	10.87	10.75	10.87	9.51		7.44	10.71	10.83
Huting, Thijmen (NED) (2005)		time	1.95	3.04	4.03	4.98	5.91	6.84	7.77	8.72	9.67	10.62	10.62	3 / 3			
reaction time	0.143	interval		1.09	0.99	0.95	0.93	0.93	0.93	0.95	0.95	0.95	PB	# of strides	4.03	2.81	2.83
		velocity	5.13	9.17	10.10	10.53	10.75	10.75	10.75	10.53	10.53	10.53	9.42		7.44	10.68	10.60

2024 Chinese National Grand Prix Final (Rizhao, CHN)

FINAL

date 29-Jun-24 wind 1.1 m/s

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
He Jinxian (CHN) (2006)		time	1.95	2.98	3.90	4.79	5.67	6.52	7.38	8.25	9.16	10.06	10.06	4 / 1			
reaction time	0.173	interval		1.03	0.92	0.89	0.88	0.85	0.86	0.87	0.91	0.90	NU20R PB	# of strides	3.90	2.62	2.64
		velocity	5.13	9.71	10.87	11.24	11.36	11.76	11.63	11.49	10.99	11.11	9.94	46.0	7.69	11.45	11.36
Wang Shengjie (CHN) (2000)		time	1.95	2.99	3.93	4.87	5.76	6.65	7.53	8.43	9.36	10.26	10.26	3 / 2			
reaction time	0.150	interval		1.04	0.94	0.94	0.89	0.89	0.88	0.90	0.93	0.90	PB	# of strides	3.93	2.72	2.71
		velocity	5.13	9.62	10.64	10.64	11.24	11.24	11.36	11.11	10.75	11.11	9.75	51.0	7.63	11.03	11.07

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Suo Gaofei (CHN) (2001)		time	2.01	3.06	4.02	4.91	5.80	6.70	7.56	8.45	9.38	10.31	10.31	6 / 3			
reaction time	0.193	interval		1.05	0.96	0.89	0.89	0.90	0.86	0.89	0.93	0.93		# of strides	4.02	2.68	2.68
		velocity	4.98	9.52	10.42	11.24	11.24	11.11	11.63	11.24	10.75	10.75	9.70	46.2	7.46	11.19	11.19
Huang Youchao (CHN) (2005)		time	1.93	2.99	3.95	4.87	5.77	6.69	7.58	8.48	9.39	10.34	10.34	7 / 4			
reaction time	0.166	interval		1.06	0.96	0.92	0.90	0.92	0.89	0.90	0.91	0.95		# of strides	3.95	2.74	2.70
		velocity	5.18	9.43	10.42	10.87	11.11	10.87	11.24	11.11	10.99	10.53	9.67	48.2	7.59	10.95	11.11
Li Zeyang (CHN) (2000)		time	2.00	3.08	4.04	4.95	5.86	6.76	7.64	8.52	9.42	10.35	10.35	9 / 5			
reaction time	0.160	interval		1.08	0.96	0.91	0.91	0.90	0.88	0.88	0.90	0.93		# of strides	4.04	2.72	2.66
		velocity	5.00	9.26	10.42	10.99	10.99	11.11	11.36	11.36	11.11	10.75	9.66	46.0	7.43	11.03	11.28
Tian Junhao (CHN) (2000)		time	2.03	3.09	4.07	4.99	5.88	6.77	7.66	8.54	9.44	10.36	10.36	5 / 6			
reaction time	0.172	interval		1.06	0.98	0.92	0.89	0.89	0.89	0.88	0.90	0.92		# of strides	4.07	2.70	2.67
		velocity	4.93	9.43	10.20	10.87	11.24	11.24	11.24	11.36	11.11	10.87	9.65	44.2	7.37	11.11	11.24
Lu Weiyi (CHN) (2000)		time	1.93	3.01	3.97	4.91	5.80	6.70	7.60	8.50	9.43	10.37	10.37	8 / 7			
reaction time	0.170	interval		1.08	0.96	0.94	0.89	0.90	0.90	0.90	0.93	0.94		# of strides	3.97	2.73	2.73
		velocity	5.18	9.26	10.42	10.64	11.24	11.11	11.11	11.11	10.75	10.64	9.64	48.0	7.56	10.99	10.99
Yu Duhao (CHN) (2001)		time	1.95	2.98	3.94	4.84	5.74	6.65	7.57	8.52	9.47	10.48	10.48	2 / 8			
reaction time	0.164	interval		1.03	0.96	0.90	0.90	0.91	0.92	0.95	0.95	1.01		# of strides	3.94	2.71	2.82
		velocity	5.13	9.71	10.42	11.11	11.11	10.99	10.87	10.53	10.53	9.90	9.54	47.0	7.61	11.07	10.64

Heat 2

date 28-Jun-24 wind 0.0 m/s

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
He Jinxian (CHN) (2006)		time	1.96	2.99	3.95	4.86	5.77	6.65	7.54	8.43	9.34	10.34	10.34	5 / 1			
reaction time	0.169	interval		1.03	0.96	0.91	0.91	0.88	0.89	0.89	0.91	1.00		# of strides	3.95	2.70	2.69
		velocity	5.10	9.71	10.42	10.99	10.99	11.36	11.24	11.24	10.99	10.00	9.67	46.5	7.59	11.11	11.15
Tian Junhao (CHN) (2000)		time	1.99	3.04	4.02	4.96	5.87	6.77	7.65	8.54	9.42	10.37	10.37	9 / 2			
reaction time	0.143	interval		1.05	0.98	0.94	0.91	0.90	0.88	0.89	0.88	0.95		# of strides	4.02	2.75	2.65
		velocity	5.03	9.52	10.20	10.64	10.99	11.11	11.36	11.24	11.36	10.53	9.64	44.7	7.46	10.91	11.32
Wang Shengjie (CHN) (2000)		time	1.97	3.02	3.98	4.93	5.85	6.75	7.65	8.54	9.45	10.41	10.41	7 / 3			
reaction time	0.148	interval		1.05	0.96	0.95	0.92	0.90	0.90	0.89	0.91	0.96		# of strides	3.98	2.77	2.70
		velocity	5.08	9.52	10.42	10.53	10.87	11.11	11.11	11.24	10.99	10.42	9.61	51.2	7.54	10.83	11.11

Heat 1

date 28-Jun-24 wind -0.6 m/s

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Suo Gaofei (CHN) (2001)		time	1.96	2.99	3.95	4.84	5.72	6.61	7.48	8.36	9.26	10.19	10.19	7 / 1			
reaction time	0.151	interval		1.03	0.96	0.89	0.88	0.89	0.87	0.88	0.90	0.93		# of strides	3.95	2.66	2.65
		velocity	5.10	9.71	10.42	11.24	11.36	11.24	11.49	11.36	11.11	10.75	9.81	46.5	7.59	11.28	11.32
Huang Youchao (CHN) (2005)		time	1.97	3.02	4.02	4.94	5.84	6.76	7.67	8.58	9.49	10.44	10.44	6 / 2			
reaction time	0.165	interval		1.05	1.00	0.92	0.90	0.92	0.91	0.91	0.91	0.95		# of strides	4.02	2.74	2.73
		velocity	5.08	9.52	10.00	10.87	11.11	10.87	10.99	10.99	10.99	10.53	9.58	49.0	7.46	10.95	10.99
Lu Weiyi (CHN) (2000)		time	1.95	3.01	3.99	4.92	5.84	6.76	7.67	8.58	9.51	10.46	10.46	5 / 3			
reaction time	0.187	interval		1.06	0.98	0.93	0.92	0.92	0.91	0.91	0.93	0.95		# of strides	3.99	2.77	2.75
		velocity	5.13	9.43	10.20	10.75	10.87	10.87	10.99	10.99	10.75	10.53	9.56	48.2	7.52	10.83	10.91
Yu Duhao (CHN) (2001)		time	1.94	2.97	3.94	4.86	5.77	6.68	7.60	8.52	9.49	10.47	10.47	9 / 4			
reaction time	0.164	interval		1.03	0.97	0.92	0.91	0.91	0.92	0.92	0.97	0.98		# of strides	3.94	2.74	2.81
		velocity	5.15	9.71	10.31	10.87	10.99	10.99	10.87	10.87	10.31	10.20	9.55	46.5	7.61	10.95	10.68
Li Zeyang (CHN) (2000)		time	1.98	3.07	4.06	4.99	5.91	6.82	7.73	8.63	9.56	10.49	10.49	3 / 5			
reaction time	0.167	interval		1.09	0.99	0.93	0.92	0.91	0.91	0.90	0.93	0.93		# of strides	4.06	2.76	2.74
		velocity	5.05	9.17	10.10	10.75	10.87	10.99	10.99	11.11	10.75	10.75	9.53	46.2	7.39	10.87	10.95

2024 USA Olympic Trials (Eugene, OR)

FINAL

date 23-Jun-24 wind 0.4 m/s

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lyles, Noah (USA) (1997)	no information available									**=PB**	9.83	7 / 1	# of strides		44.2
Bednarek, Kenneth (USA) (1998)	no information available									**PB**	9.87	6 / 2	# of strides		44.5
Kerley, Fred (USA) (1995)	no information available										9.88	8 / 3	# of strides		43.2
Coleman, Christian (USA) (1996)	no information available										9.93	4 / 4	# of strides		47.0
Miller, Christian (USA) (2006)	no information available										9.98	9 / 5	# of strides		46.2
Lindsey, Courtney (USA) (1998)	no information available										10.02	5 / 6	# of strides		46.5
Hicklin, Brandon (USA) (1999)	no information available										10.03	3 / 7	# of strides		44.2
Williams, Kendal (USA) (1995)	no information available										10.04	1 / 8	# of strides		45.5
Smith, J.T. (USA) (1998)	no information available										10.22	2 / 9	# of strides		47.0

2024 Japanese National Multi-Event Championships (Gifu, JPN)

Decathlon - Heat 2

date 22-Jun-24 wind 0.2 m/s

Matsubayashi (2025) - performance analysis of decathlon athletes in the 2024 season

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Okuda, Keisuke (JPN) (1996)	time	1.96	3.07	4.06	5.01	5.94	6.87	7.80	8.74	9.69	10.65	10.65	2 / 1			
reaction time	interval		1.11	0.99	0.95	0.93	0.93	0.93	0.94	0.95	0.96		# of strides	4.06	2.81	2.82
	velocity	5.10	9.01	10.10	10.53	10.75	10.75	10.75	10.64	10.53	10.42	9.39		7.39	10.68	10.64
Maruyama, Yuma (JPN) (1998)	time	1.99	3.13	4.15	5.13	6.09	7.06	8.03	9.01	10.00	11.00	11.00	8 / 6			
reaction time	interval		1.14	1.02	0.98	0.96	0.97	0.97	0.98	0.99	1.00		# of strides	4.15	2.91	2.94
	velocity	5.03	8.77	9.80	10.20	10.42	10.31	10.31	10.20	10.10	10.00	9.09		7.23	10.31	10.20
Taue, Shun (JPN) (1997)	time	2.02	3.16	4.18	5.16	6.12	7.09	8.06	9.05	10.06	11.08	11.08	9 / 7			
reaction time	interval		1.14	1.02	0.98	0.96	0.97	0.97	0.99	1.01	1.02		# of strides	4.18	2.91	2.97
	velocity	4.95	8.77	9.80	10.20	10.42	10.31	10.31	10.10	9.90	9.80	9.03		7.18	10.31	10.10

2024 European Athletics Championships (Roma, ITA)

FINAL

date 08-Jun-24 wind 0.7 m/s

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jacobs, Lamont Marcell (ITA) (199	0.158	no information available										10.02	5 / 1		# of strides	44.2
Ali, Chituru (ITA) (1999)	0.164	no information available									PB	10.05	7 / 2		# of strides	41.2
Glace, Romell (GBR) (1999)	0.143	no information available										10.06	4 / 3		# of strides	47.5
Larsson, Henrik (SWE) (1999)	0.174	no information available										10.16	6 / 4		# of strides	46.0
Ansah, Owen (GER) (2000)	0.185	no information available										10.14	3 / 5		# of strides	43.2
Crespi, Guillem (ESP) (2002)	0.180	no information available									PB	10.18	2 / 6		# of strides	47.0
Hansen, Simon (DEN) (1998)	0.133	no information available									PB	10.19	9 / 7		# of strides	47.0
Mateo, Pablo (FRA) (2001)	0.174	no information available										10.22	8 / 8		# of strides	47.5

2024 Bauhaus Galan (Stockholm, SWE)

FINAL

date 02-Jun-24 wind -1.0 m/s *Omega Timing (2024) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Eseme, Emmanuel (CMR) (1993)		time	1.94	2.99	3.94	4.86	5.75	6.63	7.51	8.39	9.28	10.16	10.16	4 / 1			
reaction time	0.138	interval		1.05	0.95	0.92	0.89	0.88	0.88	0.88	0.89	0.88		# of strides	3.94	2.69	2.65
		velocity	5.15	9.52	10.53	10.87	11.24	11.36	11.36	11.36	11.24	11.36	9.84	45.0	7.61	11.15	11.32
King, Kyree (USA) (1994)		0.151	no information available										10.18	7 / 2		# of strides	47.7
Ali, Chituru (ITA) (1999)		time	1.95	3.00	3.95	4.87	5.77	6.66	7.53	8.41	9.31	10.19	10.19	2 / 3			
reaction time	0.148	interval		1.05	0.95	0.92	0.90	0.89	0.87	0.88	0.90	0.88		# of strides	3.95	2.71	2.65
		velocity	5.13	9.52	10.53	10.87	11.11	11.24	11.49	11.36	11.11	11.36	9.81	42.0	7.59	11.07	11.32
Forde, Ryiem (JAM) (2001)		time		2.93	3.90	4.82	5.72	6.61	7.50	8.40	9.31	10.22	10.22	6 / 4			
reaction time	0.130	interval			0.97	0.92	0.90	0.89	0.89	0.90	0.91	0.91		# of strides	3.90	2.71	2.70
		velocity		6.83	10.31	10.87	11.11	11.24	11.24	11.11	10.99	10.99	9.78	46.0	7.69	11.07	11.11
Sani Brown, Abdul Hakim (JPN) (1		time	1.93	2.96	3.90	4.82	5.71	6.60	7.50	8.40	9.32	10.28	10.28	5 / 5			
reaction time	0.144	interval		1.03	0.94	0.92	0.89	0.89	0.90	0.90	0.92	0.96		# of strides	3.90	2.70	2.72
		velocity	5.18	9.71	10.64	10.87	11.24	11.24	11.11	11.11	10.87	10.42	9.73	44.7	7.69	11.11	11.03
Hartmann, Joshua (GER) (1999)		time	1.92	2.98	3.93	4.85	5.76	6.65	7.55	8.46	9.38	10.30	10.30	1 / 6			
reaction time	0.138	interval		1.06	0.95	0.92	0.91	0.89	0.90	0.91	0.92	0.92		# of strides	3.93	2.72	2.73
		velocity	5.21	9.43	10.53	10.87	10.99	11.24	11.11	10.99	10.87	10.87	9.71	44.0	7.63	11.03	10.99
Larsson, Henrik (SWE) (1999)		time	1.95	3.03	4.01	4.95	5.86	6.76	7.66	8.57	9.50	10.47	10.47	3 / 7			
reaction time	0.141	interval		1.08	0.98	0.94	0.91	0.90	0.90	0.91	0.93	0.97		# of strides	4.01	2.75	2.74
		velocity	5.13	9.26	10.20	10.64	10.99	11.11	11.11	10.99	10.75	10.31	9.55	46.0	7.48	10.91	10.95
Abeykoon, Yupun (SRI) (1994)		time	1.95	3.02	3.98	4.90	5.80	6.69	7.58	8.50	9.50	10.63	10.63	8 / 8			
reaction time		interval		1.07	0.96	0.92	0.90	0.89	0.89	0.92	1.00	1.13		# of strides	3.98	2.71	2.81
		velocity	5.13	9.35	10.42	10.87	11.11	11.24	11.24	10.87	10.00	8.85	9.41	44.7	7.54	11.07	10.68

National FINAL

date 02-Jun-24 wind -1.6 m/s *Omega Timing (2024) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Abeykoon, Yupun (SRI) (1994)		time	1.94	2.98	3.95	4.86	5.74	6.65	7.56	8.41	9.31	10.22	10.22	6 / 1			
reaction time	0.157	interval		1.04	0.97	0.91	0.88	0.91	0.91	0.85	0.90	0.91		# of strides	3.95	2.70	2.66
		velocity	5.15	9.62	10.31	10.99	11.36	10.99	10.99	11.76	11.11	10.99	9.78		7.59	11.11	11.28
Hilton, Cody (USA) (1998)		time	1.97	3.04	4.00	4.91	5.80	6.71	7.61	8.49	9.40	10.33	10.33	2 / 2			
reaction time	0.154	interval		1.07	0.96	0.91	0.89	0.91	0.90	0.88	0.91	0.93		# of strides	4.00	2.71	2.69
		velocity	5.08	9.35	10.42	10.99	11.24	10.99	11.11	11.36	10.99	10.75	9.68		7.50	11.07	11.15
Blake, Jerome (CAN) (1995)		time	2.02	3.11	4.08	5.01	5.91	6.80	7.70	8.60	9.51	10.44	10.44	4 / 3			
reaction time	0.158	interval		1.09	0.97	0.93	0.90	0.89	0.90	0.90	0.91	0.93		# of strides	4.08	2.72	2.71
		velocity	4.95	9.17	10.31	10.75	11.11	11.24	11.11	11.11	10.99	10.75	9.58		7.35	11.03	11.07
Hughes, Isak (SWE) (2005)		time	2.00	3.08	4.06	4.99	5.92	6.83	7.75	8.67	9.61	10.56	10.56	5 / 4			
reaction time	0.155	interval		1.08	0.98	0.93	0.93	0.91	0.92	0.92	0.94	0.95		# of strides	4.06	2.77	2.78
		velocity	5.00	9.26	10.20	10.75	10.75	10.99	10.87	10.87	10.64	10.53	9.47		7.39	10.83	10.79
Pihl, Linus (SWE) (2003)		time	2.01	3.10	4.08	5.02	5.94	6.91	7.84	8.74	9.68	10.65	10.65	7 / 5			

reaction time	0.148	interval		1.09	0.98	0.94	0.92	0.97	0.93	0.90	0.94	0.97		# of strides	4.08	2.83	2.77
		velocity	4.98	9.17	10.20	10.64	10.87	10.31	10.75	11.11	10.64	10.31	9.39		7.35	10.60	10.83
Rogo, Desmond (SWE) (1996)		time	2.03	3.15	4.13	5.07	6.01	6.94	7.87	8.82	9.77	10.72	10.72	8 / 6			
reaction time	0.153	interval		1.12	0.98	0.94	0.94	0.93	0.93	0.95	0.95	0.95		# of strides	4.13	2.81	2.83
		velocity	4.93	8.93	10.20	10.64	10.64	10.75	10.75	10.53	10.53	10.53	9.33		7.26	10.68	10.60
Plesse, Simon (SWE) (2002)		time	1.99	3.06	4.05	5.00	5.95	6.88	7.84	8.79	9.76	10.73	10.73	3 / 7			
reaction time	0.157	interval		1.07	0.99	0.95	0.95	0.93	0.96	0.95	0.97	0.97		# of strides	4.05	2.83	2.88
		velocity	5.03	9.35	10.10	10.53	10.53	10.75	10.42	10.53	10.31	10.31	9.32		7.41	10.60	10.42
Jones, Thomas (SWE) (2001)		time	1.95	3.03	4.03	4.99	5.93	6.86	7.81	8.77	9.75	10.75	10.75	1 / 8			
reaction time	0.124	interval		1.08	1.00	0.96	0.94	0.93	0.95	0.96	0.98	1.00		# of strides	4.03	2.83	2.89
		velocity	5.13	9.26	10.00	10.42	10.64	10.75	10.53	10.42	10.20	10.00	9.30		7.44	10.60	10.38

2024 Chinese National Grand Prix 5 (Huangshi, CHN)

FINAL

date 02-Jun-24 wind 1.0 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Weihao (CHN) (2001)		time	1.95	2.97	3.95	4.87	5.77	6.67	7.56	8.47	9.41	10.36	10.36	7 / 1			
reaction time	0.152	interval		1.02	0.98	0.92	0.90	0.90	0.89	0.91	0.94	0.95	PB	# of strides	3.95	2.72	2.74
		velocity	5.13	9.80	10.20	10.87	11.11	11.11	11.24	10.99	10.64	10.53	9.65	47.5	7.59	11.03	10.95
Li Mengyuan (CHN) (2003)		time	1.95	2.97	3.95	4.85	5.76	6.66	7.55	8.48	9.43	10.39	10.39	6 / 2			
reaction time	0.142	interval		1.02	0.98	0.90	0.91	0.90	0.89	0.93	0.95	0.96	PB	# of strides	3.95	2.71	2.77
		velocity	5.13	9.80	10.20	11.11	10.99	11.11	11.24	10.75	10.53	10.42	9.62	50.0	7.59	11.07	10.83
Yang Jun (CHN) (2003)		time	1.98	3.01	4.00	4.91	5.81	6.71	7.61	8.52	9.44	10.40	10.40	5 / 3			
reaction time	0.190	interval		1.03	0.99	0.91	0.90	0.90	0.90	0.91	0.92	0.96	PB	# of strides	4.00	2.71	2.73
		velocity	5.05	9.71	10.10	10.99	11.11	11.11	11.11	10.99	10.87	10.42	9.62	46.0	7.50	11.07	10.99
Huang Yi (CHN) (2005)		time	1.93	2.96	3.92	4.84	5.74	6.65	7.55	8.50	9.44	10.41	10.41	3 / 4			
reaction time	0.141	interval		1.03	0.96	0.92	0.90	0.91	0.90	0.95	0.94	0.97		# of strides	3.92	2.73	2.79
		velocity	5.18	9.71	10.42	10.87	11.11	10.99	11.11	10.53	10.64	10.31	9.61	49.0	7.65	10.99	10.75
Gao Yulong (CHN) (2003)		time	1.95	3.01	3.95	4.87	5.79	6.69	7.60	8.53	9.48	10.46	10.46	2 / 5			
reaction time	0.160	interval		1.06	0.94	0.92	0.92	0.90	0.91	0.93	0.95	0.98		# of strides	3.95	2.74	2.79
		velocity	5.13	9.43	10.64	10.87	10.87	11.11	10.99	10.75	10.53	10.20	9.56	47.2	7.59	10.95	10.75
Zhang Xian (CHN) (2004)		time	1.97	3.03	4.00	4.93	5.82	6.72	7.63	8.55	9.48	10.47	10.47	4 / 6			
reaction time	0.173	interval		1.06	0.97	0.93	0.89	0.90	0.91	0.92	0.93	0.99		# of strides	4.00	2.72	2.76
		velocity	5.08	9.43	10.31	10.75	11.24	11.11	10.99	10.87	10.75	10.10	9.55	43.7	7.50	11.03	10.87
Xia Jianduo (CHN) (2006)		time	2.03	3.09	4.08	5.01	5.92	6.81	7.72	8.63	9.54	10.49	10.49	9 / 7			
reaction time	0.189	interval		1.06	0.99	0.93	0.91	0.89	0.91	0.91	0.91	0.95	PB	# of strides	4.08	2.73	2.73
		velocity	4.93	9.43	10.10	10.75	10.99	11.24	10.99	10.99	10.99	10.53	9.53	48.2	7.35	10.99	10.99
Wang Xinkai (CHN) (2004)		time	2.01	3.09	4.08	5.02	5.93	6.82	7.74	8.64	9.56	10.51	10.51	8 / 8			
reaction time	0.170	interval		1.08	0.99	0.94	0.91	0.89	0.92	0.90	0.92	0.95		# of strides	4.08	2.74	2.74
		velocity	4.98	9.26	10.10	10.64	10.99	11.24	10.87	11.11	10.87	10.53	9.51	47.7	7.35	10.95	10.95

Semi-Final 2

date 02-Jun-24 wind 0.7 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Weihao (CHN) (2001)		time	1.97	3.02	4.01	4.94	5.85	6.77	7.67	8.62	9.57	10.54	10.54	4 / 1			
reaction time	0.152	interval		1.05	0.99	0.93	0.91	0.92	0.90	0.95	0.95	0.97		# of strides	4.01	2.76	2.80
		velocity	5.08	9.52	10.10	10.75	10.99	10.87	11.11	10.53	10.53	10.31	9.49	48.2	7.48	10.87	10.71
Wang Xinkai (CHN) (2004)		time	1.99	3.07	4.05	4.97	5.89	6.81	7.72	8.66	9.60	10.54	10.54	9 / 2			
reaction time	0.159	interval		1.08	0.98	0.92	0.92	0.92	0.91	0.94	0.94	0.94		# of strides	4.05	2.76	2.79
		velocity	5.03	9.26	10.20	10.87	10.87	10.87	10.99	10.64	10.64	10.64	9.49	48.5	7.41	10.87	10.75

Heat 11

date 01-Jun-24 wind 0.3 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Song Xinlong (CHN) (2000)		time	2.00	3.07	4.05	5.01	5.95	6.91	7.88	8.85	9.81	10.83	10.83	7 / 4			
reaction time	0.157	interval		1.07	0.98	0.96	0.94	0.96	0.97	0.97	0.96	1.02		# of strides	4.05	2.86	2.90
		velocity	5.00	9.35	10.20	10.42	10.64	10.42	10.31	10.31	10.42	9.80	9.23	51.0	7.41	10.49	10.34

Heat 10

date 01-Jun-24 wind 0.9 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shengjie (CHN) (2000)		time	2.00	3.13	4.18	5.15	6.12	7.09	8.05	9.02	10.01	11.05	11.05	6 / 7			
reaction time	0.147	interval		1.13	1.05	0.97	0.97	0.97	0.96	0.97	0.99	1.04		# of strides	4.18	2.91	2.92
		velocity	5.00	8.85	9.52	10.31	10.31	10.31	10.42	10.31	10.10	9.62	9.05	47.2	7.18	10.31	10.27

Heat 9

date 01-Jun-24 wind 0.7 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cui Sen (CHN) (2004)		time	2.09	3.16	4.17	5.13	6.09	7.04	8.00	8.96	9.94	10.95	10.95	4 / 5			
reaction time	0.175	interval		1.07	1.01	0.96	0.96	0.95	0.96	0.96	0.98	1.01		# of strides	4.17	2.87	2.90

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
		velocity	4.78	9.35	9.90	10.42	10.42	10.53	10.42	10.42	10.20	9.90	9.13	49.5	7.19	10.45	10.34

Heat 8

date 01-Jun-24 wind 0.3 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Song Yunshuai (CHN) (2004)		time	2.02	3.11	4.10	5.07	6.04	7.00	7.98	8.97	9.98	11.01	11.01	9 / 8			
reaction time	0.202	interval		1.09	0.99	0.97	0.97	0.96	0.98	0.99	1.01	1.03		# of strides	4.10	2.90	2.98
		velocity	4.95	9.17	10.10	10.31	10.31	10.42	10.20	10.10	9.90	9.71	9.08	51.0	7.32	10.34	10.07

Heat 1

date 01-Jun-24 wind 0.0 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ren Tinghui (CHN) (2003)		time	1.92	2.96	3.92	4.86	5.78	6.71	7.65	8.59	9.56	10.55	10.55	8 / 1			
reaction time	0.139	interval		1.04	0.96	0.94	0.92	0.93	0.94	0.94	0.97	0.99		# of strides	3.92	2.79	2.85
		velocity	5.21	9.62	10.42	10.64	10.87	10.75	10.64	10.64	10.31	10.10	9.48	50.0	7.65	10.75	10.53
Liu Qingjie (CHN) (2002)		time	1.92	2.96	3.97	4.94	5.88	6.81	7.74	8.68	9.63	10.60	10.60	2 / 2			
reaction time	0.146	interval		1.04	1.01	0.97	0.94	0.93	0.93	0.94	0.95	0.97		# of strides	3.97	2.84	2.82
		velocity	5.21	9.62	9.90	10.31	10.64	10.75	10.75	10.64	10.53	10.31	9.43	47.2	7.56	10.56	10.64
Wang Xinkai (CHN) (2004)		time	2.02	3.08	4.07	5.02	5.96	6.86	7.79	8.72	9.65	10.63	10.63	5 / 3			
reaction time	0.177	interval		1.06	0.99	0.95	0.94	0.90	0.93	0.93	0.93	0.98		# of strides	4.07	2.79	2.79
		velocity	4.95	9.43	10.10	10.53	10.64	11.11	10.75	10.75	10.75	10.20	9.41	47.0	7.37	10.75	10.75

2024 Second Belt & Road Invitational Athletics Meeting (Chongqing, CHN)

FINAL

date 28-May-24 wind -0.2 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Shi Yuhao (CHN) (1998)		time	1.95	2.97	3.90	4.79	5.69	6.59	7.47	8.37	9.27	10.20	10.20	5 / 1			
reaction time	0.149	interval		1.02	0.93	0.89	0.90	0.90	0.88	0.90	0.90	0.93		# of strides	3.90	2.69	2.68
		velocity	5.13	9.80	10.75	11.24	11.11	11.11	11.36	11.11	11.11	10.75	9.80	46.0	7.69	11.15	11.19
Li Zeyang (CHN) (2000)		time	2.00	3.03	3.98	4.89	5.79	6.69	7.57	8.45	9.33	10.28	10.28	7 / 2			
reaction time	0.178	interval		1.03	0.95	0.91	0.90	0.90	0.88	0.88	0.88	0.95	PB	# of strides	3.98	2.71	2.64
		velocity	5.00	9.71	10.53	10.99	11.11	11.11	11.36	11.36	11.36	10.53	9.73	45.7	7.54	11.07	11.36
Lu Weiyi (CHN) (2000)		time	1.92	2.97	3.95	4.86	5.75	6.64	7.53	8.44	9.36	10.30	10.30	2 / 3			
reaction time	0.169	interval		1.05	0.98	0.91	0.89	0.89	0.89	0.91	0.92	0.94		# of strides	3.95	2.69	2.72
		velocity	5.21	9.52	10.20	10.99	11.24	11.24	11.24	10.99	10.87	10.64	9.71	48.0	7.59	11.15	11.03
Lee Yong-Mun (KOR) (1999)		time	1.94	2.97	3.94	4.83	5.73	6.63	7.53	8.44	9.37	10.31	10.31	6 / 4			
reaction time	0.148	interval		1.03	0.97	0.89	0.90	0.90	0.90	0.91	0.93	0.94		# of strides	3.94	2.69	2.74
		velocity	5.15	9.71	10.31	11.24	11.11	11.11	11.11	10.99	10.75	10.64	9.70	49.2	7.61	11.15	10.95
Wang Shengjie (CHN) (2000)		time	2.00	3.07	4.03	4.93	5.81	6.70	7.59	8.50	9.41	10.33	10.33	1 / 5			
reaction time	0.181	interval		1.07	0.96	0.90	0.88	0.89	0.89	0.91	0.91	0.92	PB	# of strides	4.03	2.67	2.71
		velocity	5.00	9.35	10.42	11.11	11.36	11.24	11.24	10.99	10.99	10.87	9.68	50.5	7.44	11.24	11.07
Shi Junhao (CHN) (2005)		time	1.97	3.03	4.00	4.90	5.79	6.67	7.57	8.50	9.44	10.38	10.38	4 / 6			
reaction time	0.162	interval		1.06	0.97	0.90	0.89	0.88	0.90	0.93	0.94	0.94		# of strides	4.00	2.67	2.77
		velocity	5.08	9.43	10.31	11.11	11.24	11.36	11.11	10.75	10.64	10.64	9.63	47.5	7.50	11.24	10.83
Ye Tianyu (CHN) (2001)		time	1.95	3.01	3.97	4.90	5.80	6.71	7.61	8.53	9.47	10.44	10.44	8 / 7			
reaction time	0.166	interval		1.06	0.96	0.93	0.90	0.91	0.90	0.92	0.94	0.97		# of strides	3.97	2.74	2.76
		velocity	5.13	9.43	10.42	10.75	11.11	10.99	11.11	10.87	10.64	10.31	9.58	47.5	7.56	10.95	10.87

Semi-Final 3

date 28-May-24 wind -0.3 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lee Yong-Mun (KOR) (1999)		time	1.95	2.99	3.94	4.86	5.76	6.66	7.56	8.47	9.40	10.36	10.36	7 / 1			
reaction time	0.151	interval		1.04	0.95	0.92	0.90	0.90	0.90	0.91	0.93	0.96		# of strides	3.94	2.72	2.74
		velocity	5.13	9.62	10.53	10.87	11.11	11.11	11.11	10.99	10.75	10.42	9.65	50.0	7.61	11.03	10.95
Huang Youchao (CHN) (2005)		time	1.95	2.99	3.97	4.87	5.77	6.68	7.58	8.50	9.42	10.37	10.37	6 / 2			
reaction time	0.164	interval		1.04	0.98	0.90	0.90	0.91	0.90	0.92	0.92	0.95		# of strides	3.97	2.71	2.74
		velocity	5.13	9.62	10.20	11.11	11.11	10.99	11.11	10.87	10.87	10.53	9.64	48.5	7.56	11.07	10.95
Jia Runze (CHN) (2003)		time	1.98	3.03	4.00	4.92	5.81	6.71	7.62	8.52	9.44	10.38	10.38	2 / 3			
reaction time	0.176	interval		1.05	0.97	0.92	0.89	0.90	0.91	0.90	0.92	0.94	PB	# of strides	4.00	2.71	2.73
		velocity	5.05	9.52	10.31	10.87	11.24	11.11	10.99	11.11	10.87	10.64	9.63	46.0	7.50	11.07	10.99

Semi-Final 2

date 28-May-24 wind 0.6 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Shi Junhao (CHN) (2005)		time	1.95	2.98	3.97	4.86	5.76	6.66	7.56	8.49	9.44	10.38	10.38	7 / 1			
reaction time	0.165	interval		1.03	0.99	0.89	0.90	0.90	0.90	0.93	0.95	0.94		# of strides	3.97	2.69	2.78
		velocity	5.13	9.71	10.10	11.24	11.11	11.11	11.11	10.75	10.53	10.64	9.63	47.7	7.56	11.15	10.79
Ye Tianyu (CHN) (2001)		time	1.95	2.97	3.94	4.87	5.79	6.71	7.62	8.55	9.47	10.45	10.45	9 / 2			
reaction time	0.169	interval		1.02	0.97	0.93	0.92	0.92	0.91	0.93	0.92	0.98		# of strides	3.94	2.77	2.76
		velocity	5.13	9.80	10.31	10.75	10.87	10.87	10.99	10.75	10.87	10.20	9.57	48.0	7.61	10.83	10.87

Semi-Final 1

date 28-May-24 wind 0.1 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Shi Yuhao (CHN) (1998)		time	1.95	2.98	3.96	4.87	5.78	6.69	7.59	8.49	9.39	10.34	10.34	8 / 1			
reaction time	0.167	interval		1.03	0.98	0.91	0.91	0.91	0.90	0.90	0.90	0.95		# of strides	3.96	2.73	2.70
		velocity	5.13	9.71	10.20	10.99	10.99	10.99	11.11	11.11	11.11	10.53	9.67	45.5	7.58	10.99	11.11
Li Zeyang (CHN) (2000)		time	1.98	3.04	4.01	4.93	5.83	6.74	7.63	8.53	9.44	10.35	10.35	5 / 2			
reaction time	0.158	interval		1.06	0.97	0.92	0.90	0.91	0.89	0.90	0.91	0.91	PB	# of strides	4.01	2.73	2.70
		velocity	5.05	9.43	10.31	10.87	11.11	10.99	11.24	11.11	10.99	10.99	9.66	46.2	7.48	10.99	11.11
Lu Weiyi (CHN) (2000)		time	1.95	3.01	3.99	4.91	5.81	6.71	7.60	8.50	9.43	10.38	10.38	2 / 3			
reaction time	0.195	interval		1.06	0.98	0.92	0.90	0.90	0.89	0.90	0.93	0.95		# of strides	3.99	2.72	2.72
		velocity	5.13	9.43	10.20	10.87	11.11	11.11	11.24	11.11	10.75	10.53	9.63	48.5	7.52	11.03	11.03
Wang Shengjie (CHN) (2000)		time	1.98	3.06	4.03	4.92	5.83	6.74	7.63	8.53	9.44	10.38	10.38	7 / 4			
reaction time	0.167	interval		1.08	0.97	0.89	0.91	0.91	0.89	0.90	0.91	0.94		# of strides	4.03	2.71	2.70
		velocity	5.05	9.26	10.31	11.24	10.99	10.99	11.24	11.11	10.99	10.64	9.63	50.5	7.44	11.07	11.11

Heat 16

date 27-May-24 wind -0.8 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Song Xinlong (CHN) (2000)		time	2.02	3.09	4.07	5.02		6.89	7.83	8.77	9.73	10.73	10.73	3 / 4			
reaction time	0.210	interval		1.07	0.98	0.95		1.87	0.94	0.94	0.96	1.00		# of strides	4.07	2.82	2.84
		velocity	4.95	9.35	10.20	10.53		10.70	10.64	10.64	10.42	10.00	9.32	51.0	7.37	10.64	10.56

Heat 14

date 27-May-24 wind -0.6 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Xinkai (CHN) (2004)		time	2.04	3.13	4.14	5.08		6.92	7.83	8.75	9.67	10.65	10.65	5 / 2			
reaction time	0.216	interval		1.09	1.01	0.94		1.84	0.91	0.92	0.92	0.98		# of strides	4.14	2.78	2.75
		velocity	4.90	9.17	9.90	10.64		10.87	10.99	10.87	10.87	10.20	9.39	48.0	7.25	10.79	10.91

Heat 13

date 27-May-24 wind -0.7 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quan Jiafu (CHN) (2004)		time	2.05	3.13	4.15	5.14		7.04	7.99	8.94	9.94	10.97	10.97	8 / 7			
reaction time	0.156	interval		1.08	1.02	0.99		1.90	0.95	0.95	1.00	1.03		# of strides	4.15	2.89	2.90
		velocity	4.88	9.26	9.80	10.10		10.53	10.53	10.53	10.00	9.71	9.12	49.0	7.23	10.38	10.34

Heat 12

date 27-May-24 wind -0.7 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cui Sen (CHN) (2004)		time	2.11	3.21	4.20	5.16		7.02	7.98	8.93	9.90	10.92	10.92	6 / 7			
reaction time	0.208	interval		1.10	0.99	0.96		1.86	0.96	0.95	0.97	1.02		# of strides	4.20	2.82	2.88
		velocity	4.74	9.09	10.10	10.42		10.75	10.42	10.53	10.31	9.80	9.16	49.7	7.14	10.64	10.42

Heat 11

date 27-May-24 wind -0.3 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shengjie (CHN) (2000)		time	1.96	3.01	3.98	4.90		6.70	7.62	8.53	9.46	10.41	10.41	5 / 1			
reaction time	0.150	interval		1.05	0.97	0.92		1.80	0.92	0.91	0.93	0.95		# of strides	3.98	2.72	2.76
		velocity	5.10	9.52	10.31	10.87		11.11	10.87	10.99	10.75	10.53	9.61	51.0	7.54	11.03	10.87

Heat 9

date 27-May-24 wind -0.6 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Chen Guanfeng (CHN) (2000)		time	1.94	2.97	3.94	4.86		6.66	7.57	8.48	9.46	10.45	10.45	3 / 1			
reaction time	0.147	interval		1.03	0.97	0.92		1.80	0.91	0.91	0.98	0.99		# of strides	3.94	2.72	2.80
		velocity	5.15	9.71	10.31	10.87		11.11	10.99	10.99	10.20	10.10	9.57	45.0	7.61	11.03	10.71
Jia Runze (CHN) (2003)		time	1.96	3.02	4.00	4.93		6.79	7.68	8.60	9.53	10.48	10.48	2 / 2			
reaction time	0.192	interval		1.06	0.98	0.93		1.86	0.89	0.92	0.93	0.95	PB	# of strides	4.00	2.79	2.74
		velocity	5.10	9.43	10.20	10.75		10.75	11.24	10.87	10.75	10.53	9.54	46.0	7.50	10.75	10.95

Heat 8

date 27-May-24 wind -0.3 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Wei (CHN) (2001)		time	1.99	3.04	4.04	4.97		6.77	7.68	8.58	9.51	10.46	10.46	7 / 1			
reaction time	0.179	interval		1.05	1.00	0.93		1.80	0.91	0.90	0.93	0.95		# of strides	4.04	2.73	2.74
		velocity	5.03	9.52	10.00	10.75		11.11	10.99	11.11	10.75	10.53	9.56	47.2	7.43	10.99	10.95
Jiang Junpeng (CHN) (1999)		time	1.99	3.03	4.02	4.97		6.80	7.76	8.71	9.67	10.67	10.67	3 / 4			
reaction time	0.174	interval		1.04	0.99	0.95		1.83	0.96	0.95	0.96	1.00		# of strides	4.02	2.78	2.87
		velocity	5.03	9.62	10.10	10.53		10.93	10.42	10.53	10.42	10.00	9.37	47.0	7.46	10.79	10.45

Heat 7

date 27-May-24 wind -0.5 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Song Yunshuai (CHN) (2004)		time	2.02	3.13	4.16	5.14		7.09	8.06	9.04	10.06	11.08	11.08	4 / 8			
reaction time	0.201	interval		1.11	1.03	0.98		1.95	0.97	0.98	1.02	1.02		# of strides	4.16	2.93	2.97
		velocity	4.95	9.01	9.71	10.20		10.26	10.31	10.20	9.80	9.80	9.03	51.0	7.21	10.24	10.10

Heat 5

date 27-May-24 wind -0.6 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yang Jun (CHN) (2003)		time	2.03	3.06	4.02	4.97		6.76	7.69	8.60	9.51	10.47	10.47	9 / 1			
reaction time	0.191	interval		1.03	0.96	0.95		1.79	0.93	0.91	0.91	0.96		# of strides	4.02	2.74	2.75
		velocity	4.93	9.71	10.42	10.53		11.17	10.75	10.99	10.99	10.42	9.55	45.5	7.46	10.95	10.91
Gao Yulong (CHN) (2003)		time	1.96	2.99	3.95	4.90		6.71	7.64	8.55	9.49	10.48	10.48	4 / 2			
reaction time	0.166	interval		1.03	0.96	0.95		1.81	0.93	0.91	0.94	0.99		# of strides	3.95	2.76	2.78
		velocity	5.10	9.71	10.42	10.53		11.05	10.75	10.99	10.64	10.10	9.54	47.0	7.59	10.87	10.79
Dai Chenshuai (CHN) (2000)		time	2.00	3.03	4.05	4.96		6.79	7.70	8.62	9.58	10.58	10.58	6 / 3			
reaction time	0.169	interval		1.03	1.02	0.91		1.83	0.91	0.92	0.96	1.00		# of strides	4.05	2.74	2.79
		velocity	5.00	9.71	9.80	10.99		10.93	10.99	10.87	10.42	10.00	9.45	45.0	7.41	10.95	10.75

Heat 2

date 27-May-24 wind -0.2 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yelin Yanheng (CHN) (2006)		time	1.97	3.02	3.98			6.70	7.63	8.55	9.51	10.46	10.46	5 / 1			
reaction time	0.208	interval		1.05	0.96			2.72	0.93	0.92	0.96	0.95		# of strides	3.98	2.72	2.81
		velocity	5.08	9.52	10.42			11.03	10.75	10.87	10.42	10.53	9.56	47.2	7.54	11.03	10.68
Duan Kaibo (CHN) (2007)		time	2.00	3.06	4.04			6.75	7.69	8.62	9.55	10.49	10.49	3 / 2			
reaction time	0.195	interval		1.06	0.98			2.71	0.94	0.93	0.93	0.94	PB	# of strides	4.04	2.71	2.80
		velocity	5.00	9.43	10.20			11.07	10.64	10.75	10.75	10.64	9.53	48.5	7.43	11.07	10.71
Gong Junbo (CHN) (2006)		time	2.05	3.13	4.13			6.93	7.91	8.87	9.82	10.80	10.80	4 / 6			
reaction time	0.160	interval		1.08	1.00			2.80	0.98	0.96	0.95	0.98		# of strides	4.13	2.80	2.89
		velocity	4.88	9.26	10.00			10.71	10.20	10.42	10.53	10.20	9.26	46.5	7.26	10.71	10.38

2024 Prefontaine Classic (Eugene, OR)

FINAL

date 25-May-24 wind 1.2 m/s *Omega Timing (2024) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Coleman, Christian (USA) (1996)		time	1.87	2.90	3.82	4.70	5.57	6.42	7.28	8.16	9.06	9.95	9.95	5 / 1			
reaction time	0.132	interval		1.03	0.92	0.88	0.87	0.85	0.86	0.88	0.90	0.89		# of strides	3.82	2.60	2.64
		velocity	5.35	9.71	10.87	11.36	11.49	11.76	11.63	11.36	11.11	11.24	10.05	47.0	7.85	11.54	11.36
Omanyala, Ferdinand (KEN) (1996)		time	1.92	2.97	3.91	4.79	5.65	6.51	7.35	8.22	9.10	9.98	9.98	4 / 2			
reaction time	0.137	interval		1.05	0.94	0.88	0.86	0.86	0.84	0.87	0.88	0.88		# of strides	3.91	2.60	2.59
		velocity	5.21	9.52	10.64	11.36	11.63	11.63	11.90	11.49	11.36	11.36	10.02	47.0	7.67	11.54	11.58
Hicklin, Brandon (USA) (1999)		time	1.89	2.95	3.90	4.79	5.67	6.54	7.41	8.28	9.17	10.08	10.08	6 / 3			
reaction time	0.142	interval		1.06	0.95	0.89	0.88	0.87	0.87	0.87	0.89	0.91		# of strides	3.90	2.64	2.63
		velocity	5.29	9.43	10.53	11.24	11.36	11.49	11.49	11.49	11.24	10.99	9.92	43.0	7.69	11.36	11.41
Blake, Ackeem (JAM) (2002)		time	1.93	2.96	3.89	4.79	5.67	6.54	7.41	8.31	9.22	10.12	10.12	3 / 4			
reaction time	0.176	interval		1.03	0.93	0.90	0.88	0.87	0.87	0.90	0.91	0.90		# of strides	3.89	2.65	2.68
		velocity	5.18	9.71	10.75	11.11	11.36	11.49	11.49	11.11	10.99	11.11	9.88	46.7	7.71	11.32	11.19
Davison, Sandrey (JAM) (2003)		time	1.97	3.02	3.96	4.87	5.75	6.62	7.49	8.36	9.25	10.13	10.13	1 / 5			
reaction time	0.197	interval		1.05	0.94	0.91	0.88	0.87	0.87	0.87	0.89	0.88	PB	# of strides	3.96	2.66	2.63
		velocity	5.08	9.52	10.64	10.99	11.36	11.49	11.49	11.49	11.24	11.36	9.87	44.0	7.58	11.28	11.41
Brathwaite, Rikkoi (IVB) (1999)		time	1.90	2.95	3.89	4.80	5.68	6.56	7.44	8.34	9.27	10.19	10.19	9 / 6			
reaction time	0.134	interval		1.05	0.94	0.91	0.88	0.88	0.88	0.90	0.93	0.92		# of strides	3.89	2.67	2.71
		velocity	5.26	9.52	10.64	10.99	11.36	11.36	11.36	11.11	10.75	10.87	9.81	46.5	7.71	11.24	11.07
Azamati, Benjamin (GHA) (1998)		time	1.96	3.01	3.97	4.88	5.76	6.63	7.51	8.39	9.30	10.21	10.21	2 / 7			
reaction time	0.178	interval		1.05	0.96	0.91	0.88	0.87	0.88	0.88	0.91	0.91		# of strides	3.97	2.66	2.67
		velocity	5.10	9.52	10.42	10.99	11.36	11.49	11.36	11.36	10.99	10.99	9.79	47.0	7.56	11.28	11.24
Yanagita, Hiroki (JPN) (2003)		time	1.91	2.96	3.92	4.82	5.71	6.59	7.48	8.39	9.32	10.26	10.26	8 / 8			
reaction time	0.130	interval		1.05	0.96	0.90	0.89	0.88	0.89	0.91	0.93	0.94		# of strides	3.92	2.67	2.73
		velocity	5.24	9.52	10.42	11.11	11.24	11.36	11.24	10.99	10.75	10.64	9.75	45.5	7.65	11.24	10.99
Carnes, Brandon (USA) (1995)		time	1.91	2.98	3.95	4.88	5.78	6.67	7.57	8.47	9.40	10.33	10.33	7 / 9			
reaction time	0.125	interval		1.07	0.97	0.93	0.90	0.89	0.90	0.90	0.93	0.93		# of strides	3.95	2.72	2.73
		velocity	5.24	9.35	10.31	10.75	11.11	11.24	11.11	11.11	10.75	10.75	9.68	48.0	7.59	11.03	10.99

2024 Shimane High School Championships (Izumo, JPN)

FINAL

date 25-May-24 wind 0.5 m/s *Shimizu (2024) - shimane high school championships 2024 - biomechanics data analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Edagi, Ren (JPN) (2006)		time			4.08			6.87			9.65	10.62	10.62	4 / 1			
reaction time		interval						2.79			2.78	0.97		# of strides	4.08	2.79	2.78
		velocity			7.35			10.75			10.79	10.31	9.42	50.0	7.35	10.75	10.79
Ishihara, Yoshiaki (JPN) (2006)		time			4.05			6.90			9.77	10.78	10.78	5 / 2			
reaction time		interval						2.85			2.87	1.01		# of strides	4.05	2.85	2.87

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

	velocity	7.41		10.53		10.45	9.90	9.28	49.7	7.41	10.53	10.45
Inoue, Tetsuya (JPN)	time	4.20		7.08		10.05	11.08	11.08	7 / 3			
reaction time	interval			2.88		2.97	1.03		# of strides	4.20	2.88	2.97
	velocity	7.14		10.42		10.10	9.71	9.03	49.5	7.14	10.42	10.10
Noda, Kojiro (JPN)	time	4.08		7.03		10.02	11.09	11.09	3 / 4			
reaction time	interval			2.95		2.99	1.07		# of strides	4.08	2.95	2.99
	velocity	7.35		10.17		10.03	9.35	9.02	52.0	7.35	10.17	10.03
Sudo, Narumi (JPN)	time	4.17		7.13		10.10	11.14	11.14	9 / 5			
reaction time	interval			2.96		2.97	1.04		# of strides	4.17	2.96	2.97
	velocity	7.19		10.14		10.10	9.62	8.98	51.7	7.19	10.14	10.10
Kakuhashi, Yuto (JPN)	time	4.18		7.10		10.10	11.14	11.14	6 / 6			
reaction time	interval			2.92		3.00	1.04		# of strides	4.18	2.92	3.00
	velocity	7.18		10.27		10.00	9.62	8.98	50.0	7.18	10.27	10.00
Takumi, Suyama (JPN)	time	4.13		7.10		10.13	11.20	11.20	8 / 7			
reaction time	interval			2.97		3.03	1.07		# of strides	4.13	2.97	3.03
	velocity	7.26		10.10		9.90	9.35	8.93	51.5	7.26	10.10	9.90
Otani, Tomoki (JPN)	time	4.22		7.27		10.40	11.52	11.52	2 / 8			
reaction time	interval			3.05		3.13	1.12		# of strides	4.22	3.05	3.13
	velocity	7.11		9.84		9.58	8.93	8.68	47.5	7.11	9.84	9.58

2024 Chinese National Grand Prix 2 (Qingdao, CHN)

FINAL

date 14-May-24 wind 0.0 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shengjie (CHN) (2000)		time	1.97	3.00	3.97	4.94	5.86	6.74	7.62	8.55	9.46	10.41	10.41	4 / 1			
reaction time	0.151	interval		1.03	0.97	0.97	0.92	0.88	0.88	0.93	0.91	0.95		# of strides	3.97	2.77	2.72
		velocity	5.08	9.71	10.31	10.31	10.87	11.36	11.36	10.75	10.99	10.53	9.61	49.7	7.56	10.83	11.03
Wang Shuang (CHN) (2004)		time	1.95	2.99	3.98	4.94	5.86	6.72	7.62	8.55	9.48	10.46	10.46	5 / 2			
reaction time	0.150	interval		1.04	0.99	0.96	0.92	0.86	0.90	0.93	0.93	0.98		# of strides	3.98	2.74	2.76
		velocity	5.13	9.62	10.10	10.42	10.87	11.63	11.11	10.75	10.75	10.20	9.56	50.0	7.54	10.95	10.87
Yang Jun (CHN) (2003)		time	1.95	2.99	3.97	4.94	5.86	6.74	7.64	8.57	9.53	10.49	10.49	7 / 3			
reaction time	0.151	interval		1.04	0.98	0.97	0.92	0.88	0.90	0.93	0.96	0.96		# of strides	3.97	2.77	2.79
		velocity	5.13	9.62	10.20	10.31	10.87	11.36	11.11	10.75	10.42	10.42	9.53	46.5	7.56	10.83	10.75
Chang Ji (CHN) (2003)		time	1.92	2.99	3.97	4.94	5.88	6.76	7.68	8.63	9.58	10.51	10.51	4 / 4			
reaction time	0.174	interval		1.07	0.98	0.97	0.94	0.88	0.92	0.95	0.95	0.93		# of strides	3.97	2.79	2.82
		velocity	5.21	9.35	10.20	10.31	10.64	11.36	10.87	10.53	10.53	10.75	9.51	47.5	7.56	10.75	10.64
Gu Yuekai (CHN) (2004)		time	1.97	3.01	3.98	4.93	5.85	6.74	7.66	8.60	9.56	10.52	10.52	3 / 5			
reaction time	0.150	interval		1.04	0.97	0.95	0.92	0.89	0.92	0.94	0.96	0.96	PB	# of strides	3.98	2.76	2.82
		velocity	5.08	9.62	10.31	10.53	10.87	11.24	10.87	10.64	10.42	10.42	9.51	16.7	7.54	10.87	10.64
Jia Runze (CHN) (2003)		time	1.99	3.08	4.07	5.06	6.05	7.01	7.97	8.93	10.11	11.40	11.40	6 / 8			
reaction time	0.165	interval		1.09	0.99	0.99	0.99	0.96	0.96	0.96	1.18	1.29		# of strides	4.07	2.94	3.10
		velocity	5.03	9.17	10.10	10.10	10.10	10.42	10.42	10.42	8.47	7.75	8.77	45.0	7.37	10.20	9.68

Semi-Final 1

date 14-May-24 wind -0.7 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shengjie (CHN) (2000)		time	1.97	3.02	4.00	4.95	5.87	6.76	7.66	8.55	9.47	10.44	10.44	7 / 1			
reaction time	0.148	interval		1.05	0.98	0.95	0.92	0.89	0.90	0.89	0.92	0.97		# of strides	4.00	2.76	2.71
		velocity	5.08	9.52	10.20	10.53	10.87	11.24	11.11	11.24	10.87	10.31	9.58	51.0	7.50	10.87	11.07
Jia Runze (CHN) (2003)		time	1.97	3.02	4.00	4.97	5.91	6.80	7.70	8.59	9.55	10.53	10.53	4 / 2			
reaction time	0.171	interval		1.05	0.98	0.97	0.94	0.89	0.90	0.89	0.96	0.98		# of strides	4.00	2.80	2.75
		velocity	5.08	9.52	10.20	10.31	10.64	11.24	11.11	11.24	10.42	10.20	9.50	46.5	7.50	10.71	10.91

Heat 10

date 13-May-24 wind 0.0 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Chang Ji (CHN) (2003)		time	1.92	2.96	3.94	4.86	5.80	6.71	7.64	8.58	9.53	10.47	10.47	5 / 1			
reaction time	0.134	interval		1.04	0.98	0.92	0.94	0.91	0.93	0.94	0.95	0.94		# of strides	3.94	2.77	2.82
		velocity	5.21	9.62	10.20	10.87	10.64	10.99	10.75	10.64	10.53	10.64	9.55	48.5	7.61	10.83	10.64
Huang Yi (CHN) (2005)		time	1.92	2.98	3.96	4.87	5.80	6.74	7.68	8.62	9.57	10.54	10.54	9 / 2			
reaction time	0.166	interval		1.06	0.98	0.91	0.93	0.94	0.94	0.94	0.95	0.97		# of strides	3.96	2.78	2.83
		velocity	5.21	9.43	10.20	10.99	10.75	10.64	10.64	10.64	10.53	10.31	9.49	49.0	7.58	10.79	10.60
Song Yunshuai (CHN) (2004)		time	2.03	3.13	4.14	5.11	6.09	7.07	8.07	9.08	10.13	11.19	11.19	4 / 8			
reaction time	0.176	interval		1.10	1.01	0.97	0.98	0.98	1.00	1.01	1.05	1.06		# of strides	4.14	2.93	3.06
		velocity	4.93	9.09	9.90	10.31	10.20	10.20	10.00	9.90	9.52	9.43	8.94	51.5	7.25	10.24	9.80

Heat 9

date 13-May-24 wind -0.7 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Xinkai (CHN) (2004)		time	2.00	3.09	4.08	5.04	5.97	6.89	7.82	8.73	9.66	10.62	10.62	7 / 1			
reaction time	0.172	interval		1.09	0.99	0.96	0.93	0.92	0.93	0.91	0.93	0.96		# of strides	4.08	2.81	2.77
		velocity	5.00	9.17	10.10	10.42	10.75	10.87	10.75	10.99	10.75	10.42	9.42	48.7	7.35	10.68	10.83
LI Zhiwei (CHN) (2004)		time	2.00	3.12	4.15	5.14	6.13	7.09	8.08	9.05	10.05	11.08	11.08	2 / 7			
reaction time	0.147	interval		1.12	1.03	0.99	0.99	0.96	0.99	0.97	1.00	1.03		# of strides	4.15	2.94	2.96
		velocity	5.00	8.93	9.71	10.10	10.10	10.42	10.10	10.31	10.00	9.71	9.03	52.0	7.23	10.20	10.14

Heat 7

date 13-May-24 wind -0.6 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shuang (CHN) (2004)		time	1.95	3.01	3.99	4.93	5.85	6.77	7.70	8.64	9.59	10.57	10.57	6 / 1			
reaction time	0.147	interval		1.06	0.98	0.94	0.92	0.92	0.93	0.94	0.95	0.98		# of strides	3.99	2.78	2.82
		velocity	5.13	9.43	10.20	10.64	10.87	10.87	10.75	10.64	10.53	10.20	9.46	50.5	7.52	10.79	10.64
Gong Junbo (CHN) (2006)		time	2.08	3.19	4.24	5.23	6.22	7.14	8.09	9.06	10.04	11.01	11.01	2 / 7			
reaction time	0.178	interval		1.11	1.05	0.99	0.99	0.92	0.95	0.97	0.98	0.97		# of strides	4.24	2.90	2.90
		velocity	4.81	9.01	9.52	10.10	10.10	10.87	10.53	10.31	10.20	10.31	9.08	47.2	7.08	10.34	10.34

Heat 6

date 13-May-24 wind -0.4 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Li Yanjing (CHN) (2000)		time	1.95	3.02	3.99	4.94	5.87	6.78	7.70	8.62	9.59	10.58	10.58	9 / 1			
reaction time	0.164	interval		1.07	0.97	0.95	0.93	0.91	0.92	0.92	0.97	0.99		# of strides	3.99	2.79	2.81
		velocity	5.13	9.35	10.31	10.53	10.75	10.99	10.87	10.87	10.31	10.10	9.45	46.2	7.52	10.75	10.68
Song Xinlong (CHN) (2000)		time	2.00	3.08	4.06	5.00	5.92	6.86	7.80	8.74	9.71	10.71	10.71	4 / 3			
reaction time	0.230	interval		1.08	0.98	0.94	0.92	0.94	0.94	0.94	0.97	1.00		# of strides	4.06	2.80	2.85
		velocity	5.00	9.26	10.20	10.64	10.87	10.64	10.64	10.64	10.31	10.00	9.34	51.2	7.39	10.71	10.53

Heat 5

date 13-May-24 wind -0.7 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xuan Dajun (CHN) (1998)		time	1.98	3.04	4.02	4.96	5.88	6.81	7.72	8.67	9.61	10.59	10.59	7 / 1			
reaction time	0.164	interval		1.06	0.98	0.94	0.92	0.93	0.91	0.95	0.94	0.98		# of strides	4.02	2.79	2.80
		velocity	5.05	9.43	10.20	10.64	10.87	10.75	10.99	10.53	10.64	10.20	9.44	48.2	7.46	10.75	10.71
Jiang Junpeng (CHN) (1999)		time	1.95	3.01	4.00	4.94	5.90	6.85	7.78	8.74	9.73	10.74	10.74	6 / 3			
reaction time	0.138	interval		1.06	0.99	0.94	0.96	0.95	0.93	0.96	0.99	1.01		# of strides	4.00	2.85	2.88
		velocity	5.13	9.43	10.10	10.64	10.42	10.53	10.75	10.42	10.10	9.90	9.31	48.0	7.50	10.53	10.42

Heat 4

date 13-May-24 wind -1.0 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jia Runze (CHN) (2003)		time	1.96	3.05	4.05	4.99	5.92	6.83	7.76	8.68	9.63	10.58	10.58	2 / 1			
reaction time	0.168	interval		1.09	1.00	0.94	0.93	0.91	0.93	0.92	0.95	0.95	PB	# of strides	4.05	2.78	2.80
		velocity	5.10	9.17	10.00	10.64	10.75	10.99	10.75	10.87	10.53	10.53	9.45	47.0	7.41	10.79	10.71

Heat 3

date 13-May-24 wind -0.3 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Feng Jinzhou (CHN) (2002)		time	1.98	3.03	4.01	4.93	5.84	6.75	7.65	8.58	9.51	10.67	10.67	5 / 1			
reaction time	0.175	interval		1.05	0.98	0.92	0.91	0.91	0.90	0.93	0.93	1.16		# of strides	4.01	2.74	2.76
		velocity	5.05	9.52	10.20	10.87	10.99	10.99	11.11	10.75	10.75	8.62	9.37	47.0	7.48	10.95	10.87
Cui Sen (CHN) (2004)		time	2.05	3.16	4.15	5.10	6.03	6.96	7.92	8.88	9.88	10.88	10.88	3 / 7			
reaction time	0.168	interval		1.11	0.99	0.95	0.93	0.93	0.96	0.96	1.00	1.00		# of strides	4.15	2.81	2.92
		velocity	4.88	9.01	10.10	10.53	10.75	10.75	10.42	10.42	10.00	10.00	9.19	50.5	7.23	10.68	10.27

Heat 1

date 13-May-24 wind -1.2 m/s *Shandong Athletics Sport Science (2024)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shengjie (CHN) (2000)		time	1.96	3.02	3.98	4.91	5.84	6.73	7.64	8.56	9.48	10.44	10.44	4 / 1			
reaction time	0.183	interval		1.06	0.96	0.93	0.93	0.89	0.91	0.92	0.92	0.96		# of strides	3.98	2.75	2.75
		velocity	5.10	9.43	10.42	10.75	10.75	11.24	10.99	10.87	10.87	10.42	9.58	51.0	7.54	10.91	10.91

2024 Seashore Doha Meeting (Doha, QAT)

FINAL - West Asian Ch

date 10-May-24 wind 3.8 m/s *Omega Timing (2024) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Saleh, Tamer (LBN) (2003)		time	1.96	3.01	3.96	4.87	5.76	6.65	7.54	8.44	9.35	10.25	10.25	2 / 1			
reaction time	0.144	interval		1.05	0.95	0.91	0.89	0.89	0.89	0.90	0.91	0.90		# of strides	3.96	2.69	2.70
		velocity	5.10	9.52	10.53	10.99	11.24	11.24	11.24	11.11	10.99	11.11	9.76		7.58	11.15	11.11
Yaseen, Taha Hussein (IRQ) (1998)	0.161	no information available											10.41	8 / 2	# of strides		
Al Abboodi, Fam (IRQ) (1992)		time	1.99	3.06	4.03	4.95	5.84	6.74	7.64	8.55	9.48	10.42	10.42	6 / 3			
reaction time	0.152	interval		1.07	0.97	0.92	0.89	0.90	0.90	0.91	0.93	0.94		# of strides	4.03	2.71	2.74
		velocity	5.03	9.35	10.31	10.87	11.24	11.11	11.11	10.99	10.75	10.64	9.60		7.44	11.07	10.95

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Barrow, Owaab (QAT) (2001)		time	1.89	2.98	3.95	4.88	5.78	6.68	7.60	8.52	9.48	10.44	10.44	4 / 4			
reaction time	0.117	interval		1.09	0.97	0.93	0.90	0.90	0.92	0.92	0.96	0.96		# of strides	3.95	2.73	2.80
		velocity	5.29	9.17	10.31	10.75	11.11	11.11	10.87	10.87	10.42	10.42	9.58		7.59	10.99	10.71
Muhammad, Amir (QAT) (2004)		time	2.14	3.26	4.28	5.26	6.22	7.18	8.17	9.17	10.18	11.21	11.21	1 / 5			
reaction time	0.204	interval		1.12	1.02	0.98	0.96	0.96	0.99	1.00	1.01	1.03		# of strides	4.28	2.90	3.00
		velocity	4.67	8.93	9.80	10.20	10.42	10.42	10.10	10.00	9.90	9.71	8.92		7.01	10.34	10.00

2024 Xiamen Diamond League (Xiamen, CHN)

FINAL date 20-Apr-24 wind -0.6 m/s

Omega Timing (2024) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Coleman, Christian (USA) (1996)		time	1.91	2.95	3.88	4.79	5.67	6.54	7.42	8.31	9.22	10.13	10.13	6 / 1			
reaction time	0.135	interval		1.04	0.93	0.91	0.88	0.87	0.88	0.89	0.91	0.91		# of strides	3.88	2.66	2.68
		velocity	5.24	9.62	10.75	10.99	11.36	11.49	11.36	11.24	10.99	10.99	9.87	48.0	7.73	11.28	11.19
Kerley, Fred (USA) (1995)		time	1.90	2.95	3.92	4.84	5.74	6.62	7.50	8.39	9.28	10.17	10.17	5 / 2			
reaction time	0.135	interval		1.05	0.97	0.92	0.90	0.88	0.88	0.89	0.89	0.89		# of strides	3.92	2.70	2.66
		velocity	5.26	9.52	10.31	10.87	11.11	11.36	11.36	11.24	11.24	11.24	9.83	44.2	7.65	11.11	11.28
Blake, Ackeem (JAM) (2002)		time	1.90	2.96	3.91	4.82	5.72	6.61	7.49	8.38	9.28	10.20	10.20	7 / 3			
reaction time	0.148	interval		1.06	0.95	0.91	0.90	0.89	0.88	0.89	0.90	0.92		# of strides	3.91	2.70	2.67
		velocity	5.26	9.43	10.53	10.99	11.11	11.24	11.36	11.24	11.11	10.87	9.80	46.7	7.67	11.11	11.24
Watson, Rohan (JAM) (2002)		time	1.93	2.99	3.95	4.87	5.76	6.67	7.56	8.45	9.36	10.27	10.27	8 / 4			
reaction time	0.149	interval		1.06	0.96	0.92	0.89	0.91	0.89	0.89	0.91	0.91		# of strides	3.95	2.72	2.69
		velocity	5.18	9.43	10.42	10.87	11.24	10.99	11.24	11.24	10.99	10.99	9.74	49.0	7.59	11.03	11.15
Wada, Ryo (JPN) (2000)		time	1.91	2.96	3.92	4.83	5.74	6.64	7.54	8.45	9.38	10.31	10.31	10 / 5			
reaction time	0.153	interval		1.05	0.96	0.91	0.91	0.90	0.90	0.91	0.93	0.93		# of strides	3.92	2.72	2.74
		velocity	5.24	9.52	10.42	10.99	10.99	11.11	11.11	10.99	10.75	10.75	9.70	48.0	7.65	11.03	10.95
Baker, Ronnie (USA) (1993)		0.151	no information available										10.33	9 / 6		# of strides	47.5
Kiryu, Yoshihide (JPN) (1995)		time	1.93	2.99	3.96	4.88	5.79	6.70	7.60	8.52	9.45	10.38	10.38	2 / 7			
reaction time	0.150	interval		1.06	0.97	0.92	0.91	0.91	0.90	0.92	0.93	0.93		# of strides	3.96	2.74	2.75
		velocity	5.18	9.43	10.31	10.87	10.99	10.99	11.11	10.87	10.75	10.75	9.63	48.0	7.58	10.95	10.91
Carnes, Brandon (USA) (1995)		time	1.92	3.00	3.97	4.90	5.80	6.72	7.62	8.53	9.47	10.40	10.40	4 / 8			
reaction time	0.136	interval		1.08	0.97	0.93	0.90	0.92	0.90	0.91	0.94	0.93		# of strides	3.97	2.75	2.75
		velocity	5.21	9.26	10.31	10.75	11.11	10.87	11.11	10.99	10.64	10.75	9.62	49.0	7.56	10.91	10.91
Blake, Yohan (JAM) (1989)		time	1.95	3.00	3.99	4.93	5.84	6.74	7.66	8.57	9.49	10.43	10.43	3 / 9			
reaction time	0.165	interval		1.05	0.99	0.94	0.91	0.90	0.92	0.91	0.92	0.94		# of strides	3.99	2.75	2.75
		velocity	5.13	9.52	10.10	10.64	10.99	11.11	10.87	10.99	10.87	10.64	9.59	47.0	7.52	10.91	10.91
Deng Xinrui (CHN) (2003)		time	1.95	3.00	3.98	4.91	5.84	6.76	7.68	8.61	9.58	10.55	10.55	1 / 10			
reaction time	0.140	interval		1.05	0.98	0.93	0.93	0.92	0.92	0.93	0.97	0.97		# of strides	3.98	2.78	2.82
		velocity	5.13	9.52	10.20	10.75	10.75	10.87	10.87	10.75	10.31	10.31	9.48	50.2	7.54	10.79	10.64

2024 Chinese Indoor National Championships (Tianjin, CHN)

FINAL date 29-Mar-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Huang Youchao (CHN) (2005)		time	1.92	2.94	3.91	4.82	5.70	6.63	6.63	3 / 1			
reaction time	0.143	interval		1.02	0.97	0.91	0.88	0.93	PB	# of strides	3.91	2.72	
		velocity	5.21	9.80	10.31	10.99	11.36	10.75	9.05	31.0	7.67	11.03	
Zeng Keli (CHN) (2006)		time	1.97	2.99	3.95	4.85	5.70	6.63	6.63	6 / 2			
reaction time	0.155	interval		1.02	0.96	0.90	0.85	0.93		# of strides	3.95	2.68	
		velocity	5.08	9.80	10.42	11.11	11.76	10.75	9.05	29.0	7.59	11.19	
Deng Xinrui (CHN) (2003)		time	1.92	2.94	3.90	4.81	5.70	6.64	6.64	3 / 4			
reaction time	0.132	interval		1.02	0.96	0.91	0.89	0.94	PB	# of strides	3.90	2.74	
		velocity	5.21	9.80	10.42	10.99	11.24	10.64	9.04	31.5	7.69	10.95	
Wang Shengjie (CHN) (2000)		time	1.97	2.99	3.94	4.86	5.73	6.66	6.66	1 / 4			
reaction time	0.154	interval		1.02	0.95	0.92	0.87	0.93	PB	# of strides	3.94	2.72	
		velocity	5.08	9.80	10.53	10.87	11.49	10.75	9.01	33.0	7.61	11.03	
Ailikuti Yishake (CHN) (2002)		time	1.97	2.99	3.95	4.87	5.77	6.70	6.70	7 / 5			
reaction time	0.151	interval		1.02	0.96	0.92	0.90	0.93		# of strides	3.95	2.75	
		velocity	5.08	9.80	10.42	10.87	11.11	10.75	8.96	30.0	7.59	10.91	
Wu Haolin (CHN) (2006)		time	1.98	3.00	3.97	4.88	5.79	6.72	6.72	5 / 6			
reaction time	0.158	interval		1.02	0.97	0.91	0.91	0.93		# of strides	3.97	2.75	
		velocity	5.05	9.80	10.31	10.99	10.99	10.75	8.93	30.0	7.56	10.91	

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Feng Jinzhou (CHN) (2002)		time	1.98	3.00	3.97	4.91	5.80	6.75	6.75	8 / 7			
reaction time	0.156	interval		1.02	0.97	0.94	0.89	0.95		# of strides	3.97	2.78	
		velocity	5.05	9.80	10.31	10.64	11.24	10.53	8.89	30.0	7.56	10.79	
Li Weixiang (CHN) (2003)		time	1.97	2.99	3.97	4.91	5.82	6.78	6.78	2 / 8			
reaction time	0.141	interval		1.02	0.98	0.94	0.91	0.96		# of strides	3.97	2.81	
		velocity	5.08	9.80	10.20	10.64	10.99	10.42	8.85	30.5	7.56	10.68	

Semi-Final 2

date 29-Mar-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zeng Keli (CHN) (2006)		time	1.97	2.95	3.94	4.85	5.74	6.66	6.66	5 / 1			
reaction time	0.166	interval		0.98	0.99	0.91	0.89	0.92		# of strides	3.94	2.72	
		velocity	5.08	10.20	10.10	10.99	11.24	10.87	9.01	29.0	7.61	11.03	
Deng Xinrui (CHN) (2003)		time	1.92	2.99	3.91	4.83	5.73	6.68	6.68	3 / 2			
reaction time	0.147	interval		1.07	0.92	0.92	0.90	0.95		# of strides	3.91	2.77	
		velocity	5.21	9.35	10.87	10.87	11.11	10.53	8.98	32.0	7.67	10.83	
Li Weixiang (CHN) (2003)		time	1.92	2.94	3.90	4.83	5.74	6.69	6.69	7 / 3			
reaction time	0.135	interval		1.02	0.96	0.93	0.91	0.95	PB	# of strides	3.90	2.79	
		velocity	5.21	9.80	10.42	10.75	10.99	10.53	8.97	30.7	7.69	10.75	
Wang Shengjie (CHN) (2000)		time	1.97	2.99	3.95	4.87	5.78	6.69	6.69	6 / 4			
reaction time	0.172	interval		1.02	0.96	0.92	0.91	0.91	PB	# of strides	3.95	2.74	
		velocity	5.08	9.80	10.42	10.87	10.99	10.99	8.97	32.5	7.59	10.95	

Semi-Final 1

date 29-Mar-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wu Haolin (CHN) (2006)		time	1.97	2.97	3.94	4.86	5.76	6.69	6.69	1 / 1			
reaction time	0.149	interval		1.00	0.97	0.92	0.90	0.93	PB	# of strides	3.94	2.75	
		velocity	5.08	10.00	10.31	10.87	11.11	10.75	8.97	30.0	7.61	10.91	
Huang Youchao (CHN) (2005)		time	1.97	3.00	3.96	4.88	5.78	6.69	6.69	2 / 2			
reaction time	0.151	interval		1.03	0.96	0.92	0.90	0.91	PB	# of strides	3.96	2.73	
		velocity	5.08	9.71	10.42	10.87	11.11	10.99	8.97	32.0	7.58	10.99	
Ailikuti Yishake (CHN) (2002)		time	1.95	2.98	3.96	4.86	5.76	6.70	6.70	4 / 3			
reaction time	0.144	interval		1.03	0.98	0.90	0.90	0.94		# of strides	3.96	2.74	
		velocity	5.13	9.71	10.20	11.11	11.11	10.64	8.96	30.0	7.58	10.95	
Feng Jinzhou (CHN) (2002)		time	1.96	2.98	3.94	4.86	5.76	6.70	6.70	6 / 4			
reaction time	0.160	interval		1.02	0.96	0.92	0.90	0.94		# of strides	3.94	2.76	
		velocity	5.10	9.80	10.42	10.87	11.11	10.64	8.96	30.0	7.61	10.87	
Jiang Junpeng (CHN) (1999)		time	1.95	2.97	3.96	4.87	5.81	6.74	6.74	5 / 5			
reaction time	0.145	interval		1.02	0.99	0.91	0.94	0.93		# of strides	3.96	2.78	
		velocity	5.13	9.80	10.10	10.99	10.64	10.75	8.90	29.7	7.58	10.79	

Heat 2

date 29-Mar-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ailikuti Yishake (CHN) (2002)		time	2.01	3.04	4.00	4.92	5.83	6.75	6.75	6 / 1			
reaction time	0.160	interval		1.03	0.96	0.92	0.91	0.92		# of strides	4.00	2.75	
		velocity	4.98	9.71	10.42	10.87	10.99	10.87	8.89	30.0	7.50	10.91	
Wang Shengjie (CHN) (2000)		time	2.01	3.04	4.01	4.93	5.83	6.75	6.75	5 / 2			
reaction time	0.181	interval		1.03	0.97	0.92	0.90	0.92		# of strides	4.01	2.74	
		velocity	4.98	9.71	10.31	10.87	11.11	10.87	8.89	32.0	7.48	10.95	

Heat 1

date 29-Mar-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zeng Keli (CHN) (2006)		time	1.99	3.01	3.98	4.86	5.72	6.68	6.68	4 / 1			
reaction time	0.176	interval		1.02	0.97	0.88	0.86	0.96		# of strides	3.98	2.70	
		velocity	5.03	9.80	10.31	11.36	11.63	10.42	8.98	29.0	7.54	11.11	
Jiang Junpeng (CHN) (1999)		time	1.97	3.00	3.99	4.91	5.77	6.80	6.80	7 / 2			
reaction time	0.157	interval		1.03	0.99	0.92	0.86	1.03		# of strides	3.99	2.81	
		velocity	5.08	9.71	10.10	10.87	11.63	9.71	8.82	30.0	7.52	10.68	

2024 Chinese Indoor Grand Prix III (Jinan, CHN)

FINAL

date 12-Mar-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lu Weiyi (CHN) (2000)		time	1.97	3.01	3.97	4.89	5.81	6.69	6.69	6 / 1			
reaction time	0.185	interval		1.04	0.96	0.92	0.92	0.88		# of strides	3.97	2.72	
		velocity	5.08	9.62	10.42	10.87	10.87	11.36	8.97	31.0	7.56	11.03	

			10m	20m	30m	40m	50m	60m					
Ren Tinghui (CHN) (2003)		time	1.96	2.95	3.92	4.87	5.79	6.70	6.70	4 / 2			
reaction time	0.130	interval		0.99	0.97	0.95	0.92	0.91		# of strides	3.92	2.78	
		velocity	5.10	10.10	10.31	10.53	10.87	10.99	8.96	32.2	7.65	10.79	
Feng Jinzhou (CHN) (2002)		time	1.95	2.99	3.97	4.90	5.82	6.71	6.71	2 / 3			
reaction time	0.164	interval		1.04	0.98	0.93	0.92	0.89		# of strides	3.97	2.74	
		velocity	5.13	9.62	10.20	10.75	10.87	11.24	8.94	30.2	7.56	10.95	
Ailikuti Yishake (CHN) (2002)		time	1.95	3.01	3.97	4.90	5.82	6.72	6.72	5 / 4			
reaction time	0.142	interval		1.06	0.96	0.93	0.92	0.90		# of strides	3.97	2.75	
		velocity	5.13	9.43	10.42	10.75	10.87	11.11	8.93	30.0	7.56	10.91	
Wang Shuang (CHN) (2004)		time	1.95	3.01	3.97	4.90	5.82	6.72	6.72	3 / 5			
reaction time	0.151	interval		1.06	0.96	0.93	0.92	0.90		# of strides	3.97	2.75	
		velocity	5.13	9.43	10.42	10.75	10.87	11.11	8.93	31.5	7.56	10.91	
Dai Chenshuai (CHN) (2000)		time	1.92	2.98	3.96	4.89	5.82	6.72	6.72	7 / 6			
reaction time	0.152	interval		1.06	0.98	0.93	0.93	0.90	=PB	# of strides	3.96	2.76	
		velocity	5.21	9.43	10.20	10.75	10.75	11.11	8.93	28.2	7.58	10.87	
Ceng Binbin (CHN) (2000)		time	1.94	2.97	3.94	4.89	5.82	6.75	6.75	8 / 7			
reaction time	0.149	interval		1.03	0.97	0.95	0.93	0.93		# of strides	3.94	2.81	
		velocity	5.15	9.71	10.31	10.53	10.75	10.75	8.89	30.5	7.61	10.68	
Jiang Junpeng (CHN) (1999)		time	1.94	2.99	3.97	4.92	5.85	6.77	6.77	1 / 8			
reaction time	0.159	interval		1.05	0.98	0.95	0.93	0.92		# of strides	3.97	2.80	
		velocity	5.15	9.52	10.20	10.53	10.75	10.87	8.86	30.0	7.56	10.71	

Heat 14

date 12-Mar-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lu Weiyi (CHN) (2000)		time	1.94	2.99	3.96	4.91	5.80	6.72	6.72	7 / 1			
reaction time	0.179	interval		1.05	0.97	0.95	0.89	0.92		# of strides	3.96	2.76	
		velocity	5.15	9.52	10.31	10.53	11.24	10.87	8.93	31.0	7.58	10.87	
Dai Chenshuai (CHN) (2000)		time	1.94	2.98	3.95	4.89	5.78	6.72	6.72	8 / 2			
reaction time	0.157	interval		1.04	0.97	0.94	0.89	0.94	PB	# of strides	3.95	2.77	
		velocity	5.15	9.62	10.31	10.64	11.24	10.64	8.93	29.5	7.59	10.83	
Feng Jinzhou (CHN) (2002)		time	1.95	2.99	3.96	4.89	5.81	6.72	6.72	5 / 3			
reaction time	0.165	interval		1.04	0.97	0.93	0.92	0.91		# of strides	3.96	2.76	
		velocity	5.13	9.62	10.31	10.75	10.87	10.99	8.93	30.2	7.58	10.87	
Wang Shengjie (CHN) (2000)		time	1.97	3.01	3.97	4.91	5.80	6.74	6.74	6 / 4			
reaction time	0.162	interval		1.04	0.96	0.94	0.89	0.94		# of strides	3.97	2.77	
		velocity	5.08	9.62	10.42	10.64	11.24	10.64	8.90	32.0	7.56	10.83	

Heat 13

date 12-Mar-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ren Tinghui (CHN) (2003)		time	1.90	2.94	3.92	4.84	5.75	6.68	6.68	6 / 1			
reaction time	0.160	interval		1.04	0.98	0.92	0.91	0.93	PB	# of strides	3.92	2.76	
		velocity	5.26	9.62	10.20	10.87	10.99	10.75	8.98	32.2	7.65	10.87	
Wang Shuang (CHN) (2004)		time	1.92	2.96	3.97	4.88	5.78	6.72	6.72	8 / 2			
reaction time	0.187	interval		1.04	1.01	0.91	0.90	0.94		# of strides	3.97	2.75	
		velocity	5.21	9.62	9.90	10.99	11.11	10.64	8.93		7.56	10.91	
Jiang Junpeng (CHN) (1999)		time	1.92	2.97	3.94	4.89	5.78	6.72	6.72	3 / 3			
reaction time	0.146	interval		1.05	0.97	0.95	0.89	0.94	PB	# of strides	3.94	2.78	
		velocity	5.21	9.52	10.31	10.53	11.24	10.64	8.93	30.0	7.61	10.79	

Heat 12

date 12-Mar-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ailikuti Yishake (CHN) (2002)		time	1.96	3.01	3.97	4.87	5.78	6.69	6.69	5 / 1			
reaction time	0.146	interval		1.05	0.96	0.90	0.91	0.91	PB	# of strides	3.97	2.72	
		velocity	5.10	9.52	10.42	11.11	10.99	10.99	8.97	30.0	7.56	11.03	
Wang Xinkai (CHN) (2004)		time	2.00	3.07	4.07	5.00	5.93	6.86	6.86	8 / 3			
reaction time	0.193	interval		1.07	1.00	0.93	0.93	0.93		# of strides	4.07	2.79	
		velocity	5.00	9.35	10.00	10.75	10.75	10.75	8.75	31.0	7.37	10.75	

Heat 10

date 12-Mar-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quan Jiafu (CHN) (2004)		time	1.99	3.09	4.07	5.00	5.91	6.89	6.89	1 / 3			
reaction time	0.157	interval		1.10	0.98	0.93	0.91	0.98	PB	# of strides	4.07	2.82	
		velocity	5.03	9.09	10.20	10.75	10.99	10.20	8.71	31.0	7.37	10.64	

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Song Xinlong (CHN) (2000)		time	2.03	3.08	4.07	5.00	5.93	6.89	6.89	5 / 4			
reaction time	0.183	interval		1.05	0.99	0.93	0.93	0.96		# of strides	4.07	2.82	
		velocity	4.93	9.52	10.10	10.75	10.75	10.42	8.71	32.5	7.37	10.64	
Li LI (CHN) (2002)		time	2.00	3.10	4.13	5.09	6.02	7.01	7.01	8 / 6			
reaction time	0.203	interval		1.10	1.03	0.96	0.93	0.99		# of strides	4.13	2.88	
		velocity	5.00	9.09	9.71	10.42	10.75	10.10	8.56	30.5	7.26	10.42	

Heat 9

date 12-Mar-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cui Sen (CHN) (2004)		time	2.01	3.07	4.05	4.99	5.91	6.85	6.85	2 / 3			
reaction time	0.161	interval		1.06	0.98	0.94	0.92	0.94	=PB	# of strides	4.05	2.80	
		velocity	4.98	9.43	10.20	10.64	10.87	10.64	8.76	31.7	7.41	10.71	

Heat 7

date 12-Mar-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jia Runze (CHN) (2003)		time	2.01	3.06	4.05	5.02	5.94	6.89	6.89	4 / 2			
reaction time	0.179	interval		1.05	0.99	0.97	0.92	0.95	PB	# of strides	4.05	2.84	
		velocity	4.98	9.52	10.10	10.31	10.87	10.53	8.71	29.5	7.41	10.56	

Heat 6

date 12-Mar-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gong Junbo (CHN) (2006)		time	2.06	3.19	4.23	5.21	6.14	7.12	7.12	1 / 6			
reaction time	0.174	interval		1.13	1.04	0.98	0.93	0.98	=PB	# of strides	4.23	2.89	
		velocity	4.85	8.85	9.62	10.20	10.75	10.20	8.43	31.0	7.09	10.38	

Heat 5

date 12-Mar-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
LI Zhiwei (CHN) (2004)		time	2.04	3.15	4.18	5.14	6.11	7.10	7.10	5 / 5			
reaction time	0.208	interval		1.11	1.03	0.96	0.97	0.99	=PB	# of strides	4.18	2.92	
		velocity	4.90	9.01	9.71	10.42	10.31	10.10	8.45	33.7	7.18	10.27	

2024 Chinese Indoor Grand Prix I (Chengdu, CHN)

A FINAL

date 27-Feb-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Chen Guanfeng (CHN) (2000)		time		2.93	3.95	4.85	5.74	6.65	6.65	3 / 1			
reaction time		interval			1.02	0.90	0.89	0.91		# of strides	3.95	2.70	
		velocity		6.83	9.80	11.11	11.24	10.99	9.02	29.7	7.59	11.11	
Su Bingtian (CHN) (1989)		time		2.91	3.95	4.86	5.75	6.66	6.66	4 / 2			
reaction time		interval			1.04	0.91	0.89	0.91		# of strides	3.95	2.71	
		velocity		6.87	9.62	10.99	11.24	10.99	9.01	32.0	7.59	11.07	
Wang Shengjie (CHN) (2000)		time		2.95	4.00	4.90	5.81	6.71	6.71	5 / 3			
reaction time		interval			1.05	0.90	0.91	0.90	=PB	# of strides	4.00	2.71	
		velocity		6.78	9.52	11.11	10.99	11.11	8.94	29.0	7.50	11.07	
Suo Gaofei (CHN) (2001)		time		2.98	4.02	4.94	5.83	6.71	6.71	6 / 4			
reaction time		interval			1.04	0.92	0.89	0.88	PB	# of strides	4.02	2.69	
		velocity		6.71	9.62	10.87	11.24	11.36	8.94	29.0	7.46	11.15	
Deng Xinrui (CHN) (2003)		time		2.95	3.97	4.89	5.81	6.74	6.74	2 / 5			
reaction time		interval			1.02	0.92	0.92	0.93		# of strides	3.97	2.77	
		velocity		6.78	9.80	10.87	10.87	10.75	8.90	33.0	7.56	10.83	
Li Yanjing (CHN) (2000)		time		2.98	4.02	4.95	5.85	6.76	6.76	1 / 6			
reaction time		interval			1.04	0.93	0.90	0.91		# of strides	4.02	2.74	
		velocity		6.71	9.62	10.75	11.11	10.99	8.88	30.0	7.46	10.95	

B FINAL

date 27-Feb-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Li Weixiang (CHN) (2003)		time		2.92	3.97	4.91	5.82	6.76	6.76	6 / 1			
reaction time		interval			1.05	0.94	0.91	0.94	PB	# of strides	3.97	2.79	
		velocity		6.85	9.52	10.64	10.99	10.64	8.88	31.0	7.56	10.75	
Zhou Guojun (CHN) (2003)		time		2.97	3.99	4.91	5.82	6.76	6.76	5 / 2			
reaction time		interval			1.02	0.92	0.91	0.94		# of strides	3.99	2.77	
		velocity		6.73	9.80	10.87	10.99	10.64	8.88	29.7	7.52	10.83	
Jiang Junpeng (CHN) (1999)		time		2.95	3.99	4.93	5.84	6.77	6.77	2 / 3			
reaction time		interval			1.04	0.94	0.91	0.93	PB	# of strides	3.99	2.78	
		velocity		6.78	9.62	10.64	10.99	10.75	8.86	30.0	7.52	10.79	
Zeng Keli (CHN) (2006)		time		3.01	4.05	4.97	5.87	6.80	6.80	1 / 4			
reaction time		interval			1.04	0.92	0.90	0.93	=PB	# of strides	4.05	2.75	
		velocity		6.64	9.62	10.87	11.11	10.75	8.82	29.2	7.41	10.91	

He Jinxian (CHN) (2006)	time	3.00	4.05	4.96	5.89	6.82				6.82	4 / 5			
reaction time	interval		1.05	0.91	0.93	0.93				PB	# of strides	4.05	2.77	
	velocity	6.67	9.52	10.99	10.75	10.75				8.80	29.2	7.41	10.83	
Yan Haibin (CHN) (2003)	time	3.00	4.05	4.97	5.91	6.94				6.94	3 / 6			
reaction time	interval		1.05	0.92	0.94	1.03					# of strides	4.05	2.89	
	velocity	6.67	9.52	10.87	10.64	9.71				8.65	30.5	7.41	10.38	

2023 Prefontaine Classic (Eugene, OR)

Para FINAL

date 17-Sep-23 wind 0.0 m/s *Omega Timing (2023) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Malone, Noah (USA) (T12)		time	1.95	3.02	4.01	4.95	5.89	6.81	7.76	8.72	9.70	10.72	10.72	5 / 1			
reaction time	0.157	interval		1.07	0.99	0.94	0.94	0.92	0.95	0.96	0.98	1.02		# of strides	4.01	2.80	2.89
		velocity	5.13	9.35	10.10	10.64	10.64	10.87	10.53	10.42	10.20	9.80	9.33	48.0	7.48	10.71	10.38
Shaw, Zachary (GBR) (1995) (T12)		time	2.05	3.18	4.19	5.17	6.12	7.07	8.02	8.98	9.96	10.99	10.99	4 / 2			
reaction time	0.147	interval		1.13	1.01	0.98	0.95	0.95	0.95	0.96	0.98	1.03		# of strides	4.19	2.88	2.89
		velocity	4.88	8.85	9.90	10.20	10.53	10.53	10.53	10.42	10.20	9.71	9.10	52.0	7.16	10.42	10.38
Blackwell, Jaydin (USA) (2004) (T3		time	2.11	3.21	4.22	5.19	6.14	7.09	8.05	9.02	10.00	11.01	11.01	8 / 3			
reaction time	0.204	interval		1.10	1.01	0.97	0.95	0.95	0.96	0.97	0.98	1.01		# of strides	4.22	2.87	2.91
		velocity	4.74	9.09	9.90	10.31	10.53	10.53	10.42	10.31	10.20	9.90	9.08	47.0	7.11	10.45	10.31
Zorzi, Axel (FRA) (1997) (T13)		time	2.06	3.19	4.20	5.19	6.17	7.15	8.14	9.17	10.20	11.29	11.29	3 / 4			
reaction time	0.166	interval		1.13	1.01	0.99	0.98	0.98	0.99	1.03	1.03	1.09		# of strides	4.20	2.95	3.05
		velocity	4.85	8.85	9.90	10.10	10.20	10.20	10.10	9.71	9.71	9.17	8.86	49.7	7.14	10.17	9.84
Hendriks, Olivier (NED) (2003) (T62		time	2.24	3.43	4.49	5.50	6.48	7.43	8.40	9.37	10.36	11.39	11.39	2 / 5			
reaction time	0.209	interval		1.19	1.06	1.01	0.98	0.95	0.97	0.97	0.99	1.03		# of strides	4.49	2.94	2.93
		velocity	4.46	8.40	9.43	9.90	10.20	10.53	10.31	10.31	10.10	9.71	8.78	49.5	6.68	10.20	10.24
Walser, Andreas (GER) (1996) (T12		time	2.14	3.32	4.38	5.41	6.42	7.43	8.46	9.49	10.55	11.65	11.65	6 / 6			
reaction time	0.175	interval		1.18	1.06	1.03	1.01	1.01	1.03	1.03	1.06	1.10		# of strides	4.38	3.05	3.12
		velocity	4.67	8.47	9.43	9.71	9.90	9.90	9.71	9.71	9.43	9.09	8.58	46.0	6.85	9.84	9.62
Mayhugh, Nicholas (USA) (1995) (		time	2.11	3.28	4.36	5.40	6.43	7.47	8.55	9.64	10.76	11.90	11.90	7 / 7			
reaction time	0.173	interval		1.17	1.08	1.04	1.03	1.04	1.08	1.09	1.12	1.14		# of strides	4.36	3.11	3.29
		velocity	4.74	8.55	9.26	9.62	9.71	9.62	9.26	9.17	8.93	8.77	8.40	49.2	6.88	9.65	9.12
di Marino, Emanuele (ITA) (1989) (		time	2.25	3.48	4.62	5.72	6.82	7.92	9.02	10.14	11.27	12.44	12.44	1 / 8			
reaction time	0.137	interval		1.23	1.14	1.10	1.10	1.10	1.10	1.12	1.13	1.17		# of strides	4.62	3.30	3.35
		velocity	4.44	8.13	8.77	9.09	9.09	9.09	9.09	8.93	8.85	8.55	8.04	54.0	6.49	9.09	8.96

FINAL

date 16-Sep-23 wind 0.1 m/s *Omega Timing (2023) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Coleman, Christian (USA) (1996)		time	1.87	2.89	3.80	4.67	5.52	6.36	7.21	8.07	8.93	9.83	9.83	4 / 1			
reaction time	0.147	interval		1.02	0.91	0.87	0.85	0.84	0.85	0.86	0.86	0.90		# of strides	3.80	2.56	2.57
		velocity	5.35	9.80	10.99	11.49	11.76	11.90	11.76	11.63	11.63	11.11	10.17	46.0	7.89	11.72	11.67
Lyles, Noah (USA) (1997)		time	1.94	2.98	3.90	4.78	5.64	6.48	7.31	8.15	8.99	9.85	9.85	5 / 2			
reaction time	0.155	interval		1.04	0.92	0.88	0.86	0.84	0.83	0.84	0.84	0.86		# of strides	3.90	2.58	2.51
		velocity	5.15	9.62	10.87	11.36	11.63	11.90	12.05	11.90	11.90	11.63	10.15	44.0	7.69	11.63	11.95
Omanyala, Ferdinand (KEN) (1996)		time	1.91	2.92	3.84	4.71	5.56	6.40	7.24	8.10	8.97	9.85	9.85	3 / 3			
reaction time	0.135	interval		1.01	0.92	0.87	0.85	0.84	0.84	0.86	0.87	0.88		# of strides	3.84	2.56	2.57
		velocity	5.24	9.90	10.87	11.49	11.76	11.90	11.90	11.63	11.49	11.36	10.15	47.5	7.81	11.72	11.67
Thompson, Kishane (JAM) (2001)		time	1.87	2.89	3.81	4.68	5.53	6.38	7.24	8.09	8.96	9.87	9.87	7 / 4			
reaction time	0.129	interval		1.02	0.92	0.87	0.85	0.85	0.86	0.85	0.87	0.91		# of strides	3.81	2.57	2.58
		velocity	5.35	9.80	10.87	11.49	11.76	11.76	11.63	11.76	11.49	10.99	10.13	45.0	7.87	11.67	11.63
Bracy-Williams, Marvin (USA) (199		time	1.90	2.93	3.86	4.75	5.62	6.48	7.35	8.21	9.09	10.01	10.01	8 / 5			
reaction time	0.136	interval		1.03	0.93	0.89	0.87	0.86	0.87	0.86	0.88	0.92		# of strides	3.86	2.62	2.61
		velocity	5.26	9.71	10.75	11.24	11.49	11.63	11.49	11.63	11.36	10.87	9.99	47.0	7.77	11.45	11.49
Blake, Yohan (JAM) (1989)		time	1.88	2.92	3.87	4.78	5.67	6.54	7.41	8.28	9.17	10.08	10.08	1 / 6			
reaction time	0.147	interval		1.04	0.95	0.91	0.89	0.87	0.87	0.87	0.89	0.91		# of strides	3.87	2.67	2.63
		velocity	5.32	9.62	10.53	10.99	11.24	11.49	11.49	11.49	11.24	10.99	9.92	46.0	7.75	11.24	11.41
Hartmann, Joshua (GER) (1999)		time	1.95	3.01	3.97	4.87	5.76	6.64	7.52	8.41	9.31	10.30	10.30	9 / 7			
reaction time	0.152	interval		1.06	0.96	0.90	0.89	0.88	0.88	0.89	0.90	0.99		# of strides	3.97	2.67	2.67
		velocity	5.13	9.43	10.42	11.11	11.24	11.36	11.36	11.24	11.11	10.10	9.71	43.7	7.56	11.24	11.24
Tebogo, Letsile (BOT) (2003)		time	1.90	2.96	3.90	4.80	5.68	6.55	7.45	8.37	9.39	10.61	10.61	6 / 8			
reaction time	0.146	interval		1.06	0.94	0.90	0.88	0.87	0.90	0.92	1.02	1.22		# of strides	3.90	2.65	2.84

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
		velocity	5.26	9.43	10.64	11.11	11.36	11.49	11.11	10.87	9.80	8.20	9.43	43.0	7.69	11.32	10.56

2023 Memorial van Damme (Brussels, BEL)

U18 FINAL

date 08-Sep-23 wind -0.4 m/s *Omega Timing (2023) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Vandezande, Rune (BEL) (2007)		time	2.03	3.15	4.16	5.13	6.09	7.04	8.01	8.98	9.98	10.99	10.99	2 / 1			
reaction time	0.137	interval		1.12	1.01	0.97	0.96	0.95	0.97	0.97	1.00	1.01	PB	# of strides	4.16	2.88	2.94
		velocity	4.93	8.93	9.90	10.31	10.42	10.53	10.31	10.31	10.00	9.90	9.10		7.21	10.42	10.20
van de Cloodt, Niels (BEL) (2006)		time	2.05	3.16	4.18	5.15	6.12	7.09	8.06	9.05	10.05	11.07	11.07	5 / 2			
reaction time	0.172	interval		1.11	1.02	0.97	0.97	0.97	0.97	0.99	1.00	1.02		# of strides	4.18	2.91	2.96
		velocity	4.88	9.01	9.80	10.31	10.31	10.31	10.31	10.10	10.00	9.80	9.03		7.18	10.31	10.14
Rousseau, Xavier (BEL) (2006)		time	2.10	3.23	4.25	5.23	6.20	7.16	8.12	9.09	10.08	11.08	11.08	4 / 3			
reaction time	0.180	interval		1.13	1.02	0.98	0.97	0.96	0.96	0.97	0.99	1.00		# of strides	4.25	2.91	2.92
		velocity	4.76	8.85	9.80	10.20	10.31	10.42	10.42	10.31	10.10	10.00	9.03		7.06	10.31	10.27
Planchon, Jilcien (BEL) (2006)		time	2.02	3.14	4.16	5.13	6.10	7.07	8.05	9.04	10.07	11.12	11.12	1 / 4			
reaction time	0.135	interval		1.12	1.02	0.97	0.97	0.97	0.98	0.99	1.03	1.05	PB	# of strides	4.16	2.91	3.00
		velocity	4.95	8.93	9.80	10.31	10.31	10.31	10.20	10.10	9.71	9.52	8.99		7.21	10.31	10.00
van Raemdonck, Kobe (BEL) (200		time	2.04	3.19	4.22	5.20	6.18	7.16	8.15	9.15	10.18	11.22	11.22	7 / 5			
reaction time	0.160	interval		1.15	1.03	0.98	0.98	0.98	0.99	1.00	1.03	1.04		# of strides	4.22	2.94	3.02
		velocity	4.90	8.70	9.71	10.20	10.20	10.20	10.10	10.00	9.71	9.62	8.91		7.11	10.20	9.93
Carchon, Robbe (BEL) (2006)		time	2.05	3.19	4.23	5.23	6.22	7.22	8.22	9.23	10.25	11.29	11.29	8 / 6			
reaction time	0.152	interval		1.14	1.04	1.00	0.99	1.00	1.00	1.01	1.02	1.04		# of strides	4.23	2.99	3.03
		velocity	4.88	8.77	9.62	10.00	10.10	10.00	10.00	9.90	9.80	9.62	8.86		7.09	10.03	9.90
Lecomte, Tiago (BEL) (2007)		time	2.06	3.21	4.26	5.27	6.27	7.26	8.25	9.25	10.26	11.30	11.30	3 / 7			
reaction time	0.155	interval		1.15	1.05	1.01	1.00	0.99	0.99	1.00	1.01	1.04		# of strides	4.26	3.00	3.00
		velocity	4.85	8.70	9.52	9.90	10.00	10.10	10.10	10.00	9.90	9.62	8.85		7.04	10.00	10.00
Bogaert, Mateo (BEL) (2006)		time	2.10	3.25	4.29	5.30	6.29	7.29	8.28	9.29	10.32	11.37	11.37	6 / 8			
reaction time	0.145	interval		1.15	1.04	1.01	0.99	1.00	0.99	1.01	1.03	1.05		# of strides	4.29	3.00	3.03
		velocity	4.76	8.70	9.62	9.90	10.10	10.00	10.10	9.90	9.71	9.52	8.80		6.99	10.00	9.90

2023 Xiamen Diamond League (Xiamen, CHN)

FINAL

date 02-Sep-23 wind 0.4 m/s *Omega Timing (2023) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Coleman, Christian (USA) (1996)	0.135	no information available											9.83	4 / 1		# of strides	46.5
Thompson, Kishane (JAM) (2001)		time	1.87	2.91	3.82	4.69	5.55	6.40	7.25	8.10	8.97	9.85	9.85	10 / 2			
reaction time	0.145	interval		1.04	0.91	0.87	0.86	0.85	0.85	0.85	0.87	0.88	PB	# of strides	3.82	2.58	2.57
		velocity	5.35	9.62	10.99	11.49	11.63	11.76	11.76	11.76	11.49	11.36	10.15	45.5	7.85	11.63	11.67
Kerley, Fred (USA) (1995)		time	1.89	2.94	3.88	4.78	5.64	6.50	7.36	8.22	9.08	9.96	9.96	5 / 3			
reaction time	0.159	interval		1.05	0.94	0.90	0.86	0.86	0.86	0.86	0.86	0.88		# of strides	3.88	2.62	2.58
		velocity	5.29	9.52	10.64	11.11	11.63	11.63	11.63	11.63	11.63	11.36	10.04	44.0	7.73	11.45	11.63
Carnes, Brandon (USA) (1995)		time	1.87	2.93	3.88	4.78	5.66	6.52	7.38	8.25	9.12	10.01	10.01	1 / 4			
reaction time	0.127	interval		1.06	0.95	0.90	0.88	0.86	0.86	0.87	0.87	0.89	PB	# of strides	3.88	2.64	2.60
		velocity	5.35	9.43	10.53	11.11	11.36	11.63	11.63	11.49	11.49	11.24	9.99	47.0	7.73	11.36	11.54
Bracy-Williams, Marvin (USA) (199		time	1.89	2.94	3.87	4.76	5.63	6.50	7.36	8.23	9.11	10.02	10.02	7 / 5			
reaction time	0.125	interval		1.05	0.93	0.89	0.87	0.87	0.86	0.87	0.88	0.91		# of strides	3.87	2.63	2.61
		velocity	5.29	9.52	10.75	11.24	11.49	11.49	11.63	11.49	11.36	10.99	9.98	47.0	7.75	11.41	11.49
Blake, Yohan (JAM) (1989)		time	1.87	2.92	3.86	4.77	5.65	6.52	7.38	8.26	9.14	10.04	10.04	3 / 6			
reaction time	0.143	interval		1.05	0.94	0.91	0.88	0.87	0.86	0.88	0.88	0.90		# of strides	3.86	2.66	2.62
		velocity	5.35	9.52	10.64	10.99	11.36	11.49	11.63	11.36	11.36	11.11	9.96	46.0	7.77	11.28	11.45
Jacobs, Lamont Marcell (ITA) (199		time	1.89	2.95	3.89	4.79	5.66	6.52	7.38	8.26	9.14	10.05	10.05	6 / 7			
reaction time	0.131	interval		1.06	0.94	0.90	0.87	0.86	0.86	0.88	0.88	0.91		# of strides	3.89	2.63	2.62
		velocity	5.29	9.43	10.64	11.11	11.49	11.63	11.63	11.36	11.36	10.99	9.95	44.0	7.71	11.41	11.45
Xie Zhenye (CHN) (1993)		time	1.93	2.96	3.90	4.79	5.67	6.54	7.42	8.30	9.19	10.12	10.12	2 / 8			
reaction time	0.151	interval		1.03	0.94	0.89	0.88	0.87	0.88	0.88	0.89	0.93		# of strides	3.90	2.64	2.65
		velocity	5.18	9.71	10.64	11.24	11.36	11.49	11.36	11.36	11.24	10.75	9.88	47.5	7.69	11.36	11.32
Watson, Rohan (JAM) (2002)		time	1.91	2.98	3.95	4.86	5.75	6.63	7.50	8.38	9.27	10.18	10.18	9 / 9			
reaction time	0.140	interval		1.07	0.97	0.91	0.89	0.88	0.87	0.88	0.89	0.91		# of strides	3.95	2.68	2.64
		velocity	5.24	9.35	10.31	10.99	11.24	11.36	11.49	11.36	11.24	10.99	9.82	48.0	7.59	11.19	11.36

National FINAL

date 02-Sep-23 wind 0.7 m/s *Omega Timing (2023) - diamond league race analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shuang (CHN) (2004)		time	1.93	2.99	3.95	4.86	5.75	6.64	7.53	8.43	9.35	10.27	10.27	2 / 1			
reaction time	0.130	interval		1.06	0.96	0.91	0.89	0.89	0.89	0.90	0.92	0.92		# of strides	3.95	2.69	2.71
		velocity	5.18	9.43	10.42	10.99	11.24	11.24	11.24	11.11	10.87	10.87	9.74	49.0	7.59	11.15	11.07
Deng Zhijian (CHN) (2002)		time	1.93	3.01	3.96	4.88	5.78	6.67	7.57	8.48	9.40	10.33	10.33	7 / 2			
reaction time	0.145	interval		1.08	0.95	0.92	0.90	0.89	0.90	0.91	0.92	0.93		# of strides	3.96	2.71	2.73
		velocity	5.18	9.26	10.53	10.87	11.11	11.24	11.11	10.99	10.87	10.75	9.68	45.0	7.58	11.07	10.99
Chen Guanfeng (CHN) (2000)		time	1.92	2.97	3.92	4.83	5.72	6.61	7.51	8.43	9.37	10.34	10.34	4 / 3			
reaction time	0.146	interval		1.05	0.95	0.91	0.89	0.89	0.90	0.92	0.94	0.97		# of strides	3.92	2.69	2.76
		velocity	5.21	9.52	10.53	10.99	11.24	11.24	11.11	10.87	10.64	10.31	9.67	45.5	7.65	11.15	10.87
Yan Haibin (CHN) (2003)		time	1.97	3.04	3.99	4.90	5.79	6.69	7.59	8.50	9.42	10.35	10.35	8 / 4			
reaction time	0.188	interval		1.07	0.95	0.91	0.89	0.90	0.90	0.91	0.92	0.93		# of strides	3.99	2.70	2.73
		velocity	5.08	9.35	10.53	10.99	11.24	11.11	11.11	10.99	10.87	10.75	9.66	46.0	7.52	11.11	10.99
Chen Jiapeng (CHN) (2002)		time	2.00	3.08	4.04	4.96	5.85	6.74	7.63	8.54	9.46	10.39	10.39	5 / 5			
reaction time	0.133	interval		1.08	0.96	0.92	0.89	0.89	0.89	0.91	0.92	0.93		# of strides	4.04	2.70	2.72
		velocity	5.00	9.26	10.42	10.87	11.24	11.24	11.24	10.99	10.87	10.75	9.62	47.7	7.43	11.11	11.03
Zhang Haijian (CHN) (2002)		time	1.92	2.97	3.92	4.83	5.73	6.64	7.55	8.48	9.43	10.41	10.41	6 / 6			
reaction time	0.151	interval		1.05	0.95	0.91	0.90	0.91	0.91	0.93	0.95	0.98		# of strides	3.92	2.72	2.79
		velocity	5.21	9.52	10.53	10.99	11.11	10.99	10.99	10.75	10.53	10.20	9.61	47.5	7.65	11.03	10.75

2023 World Athletics Championships (Budapest, HUN)

Decathlon - Heat 2

date 25-Aug-23 wind 0.1 m/s

Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Maruyama, Yuma (JPN) (1998)		time	1.97	3.10	4.12	5.10	6.06	7.01	7.96	8.92	9.90	10.90	10.90	2 / 8			
reaction time	0.144	interval		1.13	1.02	0.98	0.96	0.95	0.95	0.96	0.98	1.00		# of strides	4.12	2.89	2.89
		velocity	5.08	8.85	9.80	10.20	10.42	10.53	10.53	10.42	10.20	10.00	9.17		7.28	10.38	10.38

FINAL

date 20-Aug-23 wind 0.0 m/s

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lyles, Noah (USA) (1997)	0.145	no information available									PB	9.83	6 / 1	# of strides	44.0	
Tebogo, Letsile (BOT) (2003)	0.129	no information available									NR	9.88	3 / 2	# of strides	42.2	
Hughes, Zharnel (GBR) (1995)	0.105	no information available										9.88	5 / 3	# of strides	45.0	
Seville, Oblique (JAM) (2001)	0.148	no information available										9.88	7 / 4	# of strides	48.0	
Coleman, Christian (USA) (1996)	0.137	no information available										9.92	4 / 5	# of strides	47.0	
Sani Brown, Abdul Hakim (JPN) (1	0.177	no information available										10.04	8 / 6	# of strides	43.7	
Omanyala, Ferdinand (KEN) (1996)	0.152	no information available										10.07	9 / 7	# of strides	48.0	
Forde, Ryiem (JAM) (2001)	0.188	no information available										10.08	2 / 8	# of strides	44.0	

2023 Japanese National High School Championsips (Sapporo, JPN)

FINAL

date 03-Aug-23 wind -2.7 m/s

Takashima (2023) - national high school sports festival - biomechanics data

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kuroki, Kaisho (JPN)		time	1.95	3.06	4.06	5.02	5.96	6.90	7.84	8.79	9.75	10.73	10.73	4 / 1			
reaction time	0.217	interval		1.11	1.00	0.96	0.94	0.94	0.94	0.95	0.96	0.98		# of strides	4.06	2.84	2.85
		velocity	5.13	9.01	10.00	10.42	10.64	10.64	10.64	10.53	10.42	10.20	9.32		7.39	10.56	10.53
Ogata, Eiji (JPN)		time	1.97	3.09	4.10	5.07	6.03	6.99	7.95	8.91	9.89	10.87	10.87	5 / 2			
reaction time	0.223	interval		1.12	1.01	0.97	0.96	0.96	0.96	0.96	0.98	0.98		# of strides	4.10	2.89	2.90
		velocity	5.08	8.93	9.90	10.31	10.42	10.42	10.42	10.42	10.20	10.20	9.20		7.32	10.38	10.34
Kanno, Ryohei (JPN)		time	1.96	3.06	4.07	5.04	6.00	6.96	7.93	8.91	9.91	10.93	10.93	7 / 3			
reaction time	0.194	interval		1.10	1.01	0.97	0.96	0.96	0.97	0.98	1.00	1.02		# of strides	4.07	2.89	2.95
		velocity	5.10	9.09	9.90	10.31	10.42	10.42	10.31	10.20	10.00	9.80	9.15		7.37	10.38	10.17
Daichi, Musashi (JPN)		time	1.96	3.07	4.07	5.04	5.99	6.95	7.92	8.90	9.91	10.94	10.94	6 / 4			
reaction time	0.188	interval		1.11	1.00	0.97	0.95	0.96	0.97	0.98	1.01	1.03		# of strides	4.07	2.88	2.96
		velocity	5.10	9.01	10.00	10.31	10.53	10.42	10.31	10.20	9.90	9.71	9.14		7.37	10.42	10.14
Ogawa, Ao (JPN)		time	2.03	3.17	4.19	5.17	6.13	7.09	8.05	9.01	9.98	10.96	10.96	2 / 5			
reaction time	0.201	interval		1.14	1.02	0.98	0.96	0.96	0.96	0.96	0.97	0.98		# of strides	4.19	2.90	2.89
		velocity	4.93	8.77	9.80	10.20	10.42	10.42	10.42	10.42	10.31	10.20	9.12		7.16	10.34	10.38
Komuro, Ayukuto (JPN)		time	1.99	3.12	4.14	5.11	6.07	7.03	7.99	8.97	9.96	10.98	10.98	9 / 6			
reaction time	0.193	interval		1.13	1.02	0.97	0.96	0.96	0.96	0.98	0.99	1.02		# of strides	4.14	2.89	2.93
		velocity	5.03	8.85	9.80	10.31	10.42	10.42	10.42	10.20	10.10	9.80	9.11		7.25	10.38	10.24
Ezaki, Yuto (JPN)		time	2.02	3.17	4.20	5.18	6.15	7.11	8.07	9.04	10.02	11.02	11.02	8 / 7			
reaction time	0.202	interval		1.15	1.03	0.98	0.97	0.96	0.96	0.97	0.98	1.00		# of strides	4.20	2.91	2.91
		velocity	4.95	8.70	9.71	10.20	10.31	10.42	10.42	10.31	10.20	10.00	9.07		7.14	10.31	10.31
Totsuna, Akihiro (JPN)		time	1.98	3.11	4.14	5.12	6.09	7.06	8.04	9.03	10.05	11.08	11.08	3 / 8			
reaction time	0.218	interval		1.13	1.03	0.98	0.97	0.97	0.98	0.99	1.02	1.03		# of strides	4.14	2.92	2.99
		velocity	5.05	8.85	9.71	10.20	10.31	10.31	10.20	10.10	9.80	9.71	9.03		7.25	10.27	10.03

2023 Herculis Meeting International d'Athlétisme (Monaco, MON)

FINAL

date 21-Jul-23 wind 0.6 m/s — *Omega Timing (2023) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Omanyala, Ferdinand (KEN) (1996)		time	1.91	2.95	3.88	4.75	5.61	6.47	7.32	8.18	9.05	9.92	9.92	4 / 1			
reaction time	0.156	interval		1.04	0.93	0.87	0.86	0.86	0.85	0.86	0.87	0.87		# of strides	3.88	2.59	2.58
		velocity	5.24	9.62	10.75	11.49	11.63	11.63	11.76	11.63	11.49	11.49	10.08	48.0	7.73	11.58	11.63
Tebogo, Letsile (BOT) (2003)		time	1.87	2.92	3.87	4.77	5.64	6.50	7.35	8.21	9.06	9.93	9.93	5 / 2			
reaction time	0.138	interval		1.05	0.95	0.90	0.87	0.86	0.85	0.86	0.85	0.87		# of strides	3.87	2.63	2.56
		velocity	5.35	9.52	10.53	11.11	11.49	11.63	11.76	11.63	11.76	11.49	10.07	42.5	7.75	11.41	11.72
Blake, Akeem (BOT) (2002)		time	1.87	2.90	3.83	4.72	5.60	6.47	7.34	8.22	9.11	10.00	10.00	3 / 3			
reaction time	0.140	interval		1.03	0.93	0.89	0.88	0.87	0.87	0.88	0.89	0.89		# of strides	3.83	2.64	2.64
		velocity	5.35	9.71	10.75	11.24	11.36	11.49	11.49	11.36	11.24	11.24	10.00	47.0	7.83	11.36	11.36
Blake, Yohan (JAM) (1989)		time	1.88	2.92	3.86	4.75	5.63	6.49	7.36	8.24	9.11	10.01	10.01	2 / 4			
reaction time	0.159	interval		1.04	0.94	0.89	0.88	0.86	0.87	0.88	0.87	0.90		# of strides	3.86	2.63	2.62
		velocity	5.32	9.62	10.64	11.24	11.36	11.63	11.49	11.36	11.49	11.11	9.99	46.0	7.77	11.41	11.45
Thompson, Kishane (JAM) (2001)		time	1.92	2.95	3.88	4.76	5.63	6.49	7.36	8.23	9.12	10.04	10.04	7 / 5			
reaction time	0.186	interval		1.03	0.93	0.88	0.87	0.86	0.87	0.87	0.89	0.92		# of strides	3.88	2.61	2.63
		velocity	5.21	9.71	10.75	11.36	11.49	11.63	11.49	11.49	11.24	10.87	9.96	44.5	7.73	11.49	11.41
Hartmann, Joshua (GER) (1999)		time	1.93	2.99	3.94	4.84	5.72	6.59	7.47	8.35	9.24	10.15	10.15	1 / 6			
reaction time	0.159	interval		1.06	0.95	0.90	0.88	0.87	0.88	0.88	0.89	0.91		# of strides	3.94	2.65	2.65
		velocity	5.18	9.43	10.53	11.11	11.36	11.49	11.36	11.36	11.24	10.99	9.85	44.0	7.61	11.32	11.32
Lindsey, Courtney (USA) (1998)		time	1.92	2.96	3.91	4.82	5.71	6.59	7.46	8.35	9.25	10.16	10.16	6 / 7			
reaction time	0.171	interval		1.04	0.95	0.91	0.89	0.88	0.87	0.89	0.90	0.91		# of strides	3.91	2.68	2.66
		velocity	5.21	9.62	10.53	10.99	11.24	11.36	11.49	11.24	11.11	10.99	9.84	47.0	7.67	11.19	11.28
Cissé, Arthur (CIV) (1996)		time	1.91	2.96	3.89	4.78	5.67	6.54	7.43	8.33	9.25	10.21	10.21	8 / 8			
reaction time	0.156	interval		1.05	0.93	0.89	0.89	0.87	0.89	0.90	0.92	0.96		# of strides	3.89	2.65	2.71
		velocity	5.24	9.52	10.75	11.24	11.24	11.49	11.24	11.11	10.87	10.42	9.79	49.0	7.71	11.32	11.07

2023 Chinese National Championships (Quzhou, CHN)

FINAL

date 21-Jul-23 wind 0.2 m/s — *Shandong Athletics Sport Science (2023)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Deng Xinrui (CHN) (2003)		time	1.88	2.90	3.86		5.64	6.50	7.40	8.32	9.26	10.23	10.23	6 / 1			
reaction time	0.145	interval		1.02	0.96		1.78	0.86	0.90	0.92	0.94	0.97		# of strides	3.86	2.64	2.76
		velocity	5.32	9.80	10.42		11.24	11.63	11.11	10.87	10.64	10.31	9.78	50.0	7.77	11.36	10.87
Lu Weiyi (CHN) (2000)		time	1.92	2.96	3.92		5.74	6.62	7.52	8.43	9.31	10.24	10.24	7 / 2			
reaction time	0.163	interval		1.04	0.96		1.82	0.88	0.90	0.91	0.88	0.93	PB	# of strides	3.92	2.70	2.69
		velocity	5.21	9.62	10.42		10.99	11.36	11.11	10.99	11.36	10.75	9.77	47.0	7.65	11.11	11.15
Lin Qibang (CHN) (1997)		time	1.94	3.02	4.00		5.82	6.70	7.59	8.48	9.39	10.30	10.30	4 / 3			
reaction time	0.159	interval		1.08	0.98		1.82	0.88	0.89	0.89	0.91	0.91	PB	# of strides	4.00	2.70	2.69
		velocity	5.15	9.26	10.20		10.99	11.36	11.24	11.24	10.99	10.99	9.71	48.5	7.50	11.11	11.15
Wu Haolin (CHN) (2006)		time	1.92	2.99	3.97		5.75	6.66	7.55	8.49	9.41	10.38	10.38	9 / 4			
reaction time	0.164	interval		1.07	0.98		1.78	0.91	0.89	0.94	0.92	0.97	PB	# of strides	3.97	2.69	2.75
		velocity	5.21	9.35	10.20		11.24	10.99	11.24	10.64	10.87	10.31	9.63	46.0	7.56	11.15	10.91
Wu Zhiqiang (CHN) (1994)		time	1.98	3.06	4.00		5.85	6.74	7.64	8.53	9.47	10.41	10.41	3 / 5			
reaction time	0.174	interval		1.08	0.94		1.85	0.89	0.90	0.89	0.94	0.94		# of strides	4.00	2.74	2.73
		velocity	5.05	9.26	10.64		10.81	11.24	11.11	11.24	10.64	10.64	9.61	48.2	7.50	10.95	10.99
Wang Shengjie (CHN) (2000)		time	1.97	3.04	3.98		5.82	6.71	7.62	8.52	9.46	10.41	10.41	2 / 6			
reaction time	0.163	interval		1.07	0.94		1.84	0.89	0.91	0.90	0.94	0.95		# of strides	3.98	2.73	2.75
		velocity	5.08	9.35	10.64		10.87	11.24	10.99	11.11	10.64	10.53	9.61	51.0	7.54	10.99	10.91
Zhang Haijian (CHN) (2002)		time	1.94	2.97	3.94		5.74	6.66	7.55	8.51	9.46	10.45	10.45	8 / 7			
reaction time	0.156	interval		1.03	0.97		1.80	0.92	0.89	0.96	0.95	0.99		# of strides	3.94	2.72	2.80
		velocity	5.15	9.71	10.31		11.11	10.87	11.24	10.42	10.53	10.10	9.57	47.0	7.61	11.03	10.71
Liu Suyi (CHN) (1998)		time	1.94	3.01	3.97		5.77	6.67	7.58	8.52	9.48	10.48	10.48	5 / 8			
reaction time	0.150	interval		1.07	0.96		1.80	0.90	0.91	0.94	0.96	1.00		# of strides	3.97	2.70	2.81
		velocity	5.15	9.35	10.42		11.11	11.11	10.99	10.64	10.42	10.00	9.54	45.0	7.56	11.11	10.68

Semi-Final 2

date 21-Jul-23 wind -1.3 m/s — *Shandong Athletics Sport Science (2023)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lin Qibang (CHN) (1997)		time	2.03	3.12	4.09		5.92	6.84	7.72	8.61	9.52	10.46	10.46	6 / 1			
reaction time	0.198	interval		1.09	0.97		1.83	0.92	0.88	0.89	0.91	0.94	PB	# of strides	4.09	2.75	2.68
		velocity	4.93	9.17	10.31		10.93	10.87	11.36	11.24	10.99	10.64	9.56	49.2	7.33	10.91	11.19

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Liu Suyi (CHN) (1998)		time	1.94	2.98	3.94		5.76	6.67	7.58	8.52	9.48	10.50	10.50	7 / 2			
reaction time	0.174	interval		1.04	0.96		1.82	0.91	0.91	0.94	0.96	1.02		# of strides	3.94	2.73	2.81
		velocity	5.15	9.62	10.42		10.99	10.99	10.99	10.64	10.42	9.80	9.52	46.0	7.61	10.99	10.68
Wu Zhiqiang (CHN) (1994)		time	1.97	3.04	4.02		5.87	6.79	7.70	8.62	9.54	10.52	10.51	9 / 3			
reaction time	0.162	interval		1.07	0.98		1.85	0.92	0.91	0.92	0.92	0.98		# of strides	4.02	2.77	2.75
		velocity	5.08	9.35	10.20		10.81	10.87	10.99	10.87	10.87	10.20	9.51	48.2	7.46	10.83	10.91

Semi-Final 1

date 21-Jul-23 wind -0.5 m/s

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Deng Xinrui (CHN) (2003)		time	1.89	2.92	3.86		5.69	6.56	7.47	8.38	9.34	10.33	10.33	4 / 1			
reaction time	0.156	interval		1.03	0.94		1.83	0.87	0.91	0.91	0.96	0.99		# of strides	3.86	2.70	2.78
		velocity	5.29	9.71	10.64		10.93	11.49	10.99	10.99	10.42	10.10	9.68	50.0	7.77	11.11	10.79
Lu Weiyi (CHN) (2000)		time	1.94	2.97	3.97		5.77	6.66	7.55	8.47	9.39	10.34	10.34	5 / 2			
reaction time	0.178	interval		1.03	1.00		1.80	0.89	0.89	0.92	0.92	0.95		# of strides	3.97	2.69	2.73
		velocity	5.15	9.71	10.00		11.11	11.24	11.24	10.87	10.87	10.53	9.67	48.7	7.56	11.15	10.99
Zhang Haijian (CHN) (2002)		time	1.94	2.97	3.95		5.72	6.61	7.52	8.45	9.39	10.36	10.36	3 / 3			
reaction time	0.154	interval		1.03	0.98		1.77	0.89	0.91	0.93	0.94	0.97		# of strides	3.95	2.66	2.78
		velocity	5.15	9.71	10.20		11.30	11.24	10.99	10.75	10.64	10.31	9.65	47.2	7.59	11.28	10.79
Wang Shengjie (CHN) (2000)		time	1.95	2.98	3.97		5.77	6.67	7.58	8.51	9.43	10.36	10.36	6 / 4			
reaction time	0.143	interval		1.03	0.99		1.80	0.90	0.91	0.93	0.92	0.93	=PB	# of strides	3.97	2.70	2.76
		velocity	5.13	9.71	10.10		11.11	11.11	10.99	10.75	10.87	10.75	9.65	51.0	7.56	11.11	10.87
Wu Haolin (CHN) (2006)		time	1.97	3.03	3.99		5.81	6.69	7.60	8.54	9.49	10.45	10.45	8 / 5			
reaction time	0.181	interval		1.06	0.96		1.82	0.88	0.91	0.94	0.95	0.96		# of strides	3.99	2.70	2.80
		velocity	5.08	9.43	10.42		10.99	11.36	10.99	10.64	10.53	10.42	9.57	47.7	7.52	11.11	10.71

Heat 4

date 21-Jul-23 wind -0.6 m/s

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shengjie (CHN) (2000)		time	1.95	3.01	3.99	4.93	5.85	6.77	7.68	8.60	9.54	10.55	10.55	6 / 1			
reaction time	0.158	interval		1.06	0.98	0.94	0.92	0.92	0.91	0.92	0.94	1.01		# of strides	3.99	2.78	2.77
		velocity	5.13	9.43	10.20	10.64	10.87	10.87	10.99	10.87	10.64	9.90	9.48	50.0	7.52	10.79	10.83
Li Wenjie (CHN) (1998)		time	1.89	2.96	3.95	4.89	5.83	6.79	7.70	8.64	9.59	10.59	10.59	5 / 2			
reaction time	0.147	interval		1.07	0.99	0.94	0.94	0.96	0.91	0.94	0.95	1.00		# of strides	3.95	2.84	2.80
		velocity	5.29	9.35	10.10	10.64	10.64	10.42	10.99	10.64	10.53	10.00	9.44	51.5	7.59	10.56	10.71
Zhang Haijian (CHN) (2002)		time	1.93	2.99	3.97	4.91	5.83	6.79	7.70	8.64	9.61	10.62	10.62	4 / 3			
reaction time	0.158	interval		1.06	0.98	0.94	0.92	0.96	0.91	0.94	0.97	1.01		# of strides	3.97	2.82	2.82
		velocity	5.18	9.43	10.20	10.64	10.87	10.42	10.99	10.64	10.31	9.90	9.42	48.0	7.56	10.64	10.64

2023 Kamila Skolimowska Memorial (Silesia, POL)

FINAL

date 16-Jul-23 wind 0.0 m/s

Omega Timing (2023) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Simbine, Akani (RSA) (1993)		time	1.92	2.97	3.91	4.80	5.66	6.52	7.37	8.23	9.09	9.97	9.97	4 / 1			
reaction time	0.150	interval		1.05	0.94	0.89	0.86	0.86	0.85	0.86	0.86	0.88		# of strides	3.91	2.61	2.57
		velocity	5.21	9.52	10.64	11.24	11.63	11.63	11.76	11.63	11.63	11.36	10.03	47.7	7.67	11.49	11.67
Kerley, Fred (USA) (1995)		time	1.90	2.93	3.87	4.77	5.64	6.50	7.36	8.23	9.10	9.98	9.98	5 / 2			
reaction time	0.152	interval		1.03	0.94	0.90	0.87	0.86	0.86	0.87	0.87	0.88		# of strides	3.87	2.63	2.60
		velocity	5.26	9.71	10.64	11.11	11.49	11.63	11.63	11.49	11.49	11.36	10.02	44.0	7.75	11.41	11.54
Eseme, Emmanuel (CMR) (1993)		time	1.91	2.97	3.91	4.81	5.68	6.54	7.38	8.24	9.09	9.98	9.98	1 / 3			
reaction time	0.141	interval		1.06	0.94	0.90	0.87	0.86	0.84	0.86	0.85	0.89		# of strides	3.91	2.63	2.55
		velocity	5.24	9.43	10.64	11.11	11.49	11.63	11.90	11.63	11.76	11.24	10.02	44.2	7.67	11.41	11.76
Charleston, Cravont (USA) (1998)		time	1.86	2.88	3.81	4.71	5.58	6.45	7.32	8.19	9.08	9.99	9.99	6 / 4			
reaction time	0.151	interval		1.02	0.93	0.90	0.87	0.87	0.87	0.87	0.89	0.91		# of strides	3.81	2.64	2.63
		velocity	5.38	9.80	10.75	11.11	11.49	11.49	11.49	11.49	11.24	10.99	10.01	46.0	7.87	11.36	11.41
Blake, Yohan (JAM) (1989)		time	1.89	2.93	3.86	4.76	5.64	6.50	7.37	8.23	9.11	10.01	10.01	2 / 5			
reaction time	0.166	interval		1.04	0.93	0.90	0.88	0.86	0.87	0.86	0.88	0.90		# of strides	3.86	2.64	2.61
		velocity	5.29	9.62	10.75	11.11	11.36	11.63	11.49	11.63	11.36	11.11	9.99	46.0	7.77	11.36	11.49
Bracy-Williams, Marvin (USA) (199		time	1.91	2.95	3.89	4.79	5.66	6.53	7.40	8.28	9.18	10.10	10.10	3 / 6			
reaction time	0.138	interval		1.04	0.94	0.90	0.87	0.87	0.87	0.88	0.90	0.92		# of strides	3.89	2.64	2.65
		velocity	5.24	9.62	10.64	11.11	11.49	11.49	11.49	11.36	11.11	10.87	9.90	47.0	7.71	11.36	11.32
Blake, Ackeem (JAM) (2002)		time	1.90	2.93	3.87	4.77	5.66	6.53	7.42	8.30	9.20	10.15	10.15	7 / 7			
reaction time	0.148	interval		1.03	0.94	0.90	0.89	0.87	0.89	0.88	0.90	0.95		# of strides	3.87	2.66	2.67
		velocity	5.26	9.71	10.64	11.11	11.24	11.49	11.24	11.36	11.11	10.53	9.85	47.0	7.75	11.28	11.24

Austin, Pjai (USA) (2000)		time	1.92	2.97	3.93	4.83	5.72	6.61	7.49	8.38	9.30	10.23	10.23	8 / 8			
reaction time	0.155	interval		1.05	0.96	0.90	0.89	0.89	0.88	0.89	0.92	0.93		# of strides	3.93	2.68	2.69
		velocity	5.21	9.52	10.42	11.11	11.24	11.24	11.36	11.24	10.87	10.75	9.78	45.5	7.63	11.19	11.15
Azu, Jeremiah (GBR) (2001)		time	1.91	2.98	3.95	0.86	5.77	6.66	7.55	8.45	9.36	10.31	10.31	9 / 9			
reaction time	0.144	interval		1.07	0.97	-3.09	4.91	0.89	0.89	0.90	0.91	0.95		# of strides	3.95	2.71	2.70
		velocity	5.24	9.35	10.31	-3.24	2.04	11.24	11.24	11.11	10.99	10.53	9.70	46.7	7.59	11.07	11.11

2023 Bauhaus Galan (Stockholm, SWE)

FINAL

date 02-Jul-23 wind 1.0 m/s

Omega Timing (2023) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Simbine, Akani (RSA) (1993)	0.150	no information available											10.03	5 / 1	# of strides		47.2
Prescod, Reece (GBR) (1996)		time	1.92	2.99	3.93	4.83	5.71	6.58	7.45	8.32	9.21	10.14	10.14	4 / 2			
reaction time	0.110	interval		1.07	0.94	0.90	0.88	0.87	0.87	0.87	0.89	0.93		# of strides	3.93	2.65	2.63
		velocity	5.21	9.35	10.64	11.11	11.36	11.49	11.49	11.49	11.24	10.75	9.86	44.0	7.63	11.32	11.41
Hartmann, Joshua (GER) (1999)		time	1.89	2.97	3.93	4.85	5.75	6.64	7.53	8.43	9.35	10.23	10.23	8 / 3			
reaction time	0.160	interval		1.08	0.96	0.92	0.90	0.89	0.89	0.90	0.92	0.88		# of strides	3.93	2.71	2.71
		velocity	5.29	9.26	10.42	10.87	11.11	11.24	11.24	11.11	10.87	11.36	9.78	44.0	7.63	11.07	11.07
Bouju, Raphael (NED) (2002)		time	1.89	2.96	3.93	4.84	5.74	6.63	7.51	8.41	9.31	10.24	10.24	6 / 4			
reaction time	0.142	interval		1.07	0.97	0.91	0.90	0.89	0.88	0.90	0.90	0.93		# of strides	3.93	2.70	2.68
		velocity	5.29	9.35	10.31	10.99	11.11	11.24	11.36	11.11	11.11	10.75	9.77	46.0	7.63	11.11	11.19
Brown, Aaron (CAN) (1992)		time	1.92	2.98	3.94	4.85	5.72	6.61	7.49	8.39	9.30	10.27	10.27	7 / 5			
reaction time	0.147	interval		1.06	0.96	0.91	0.87	0.89	0.88	0.90	0.91	0.97		# of strides	3.94	2.67	2.69
		velocity	5.21	9.43	10.42	10.99	11.49	11.24	11.36	11.11	10.99	10.31	9.74	47.7	7.61	11.24	11.15
Sani Brown, Abdul Hakim (JPN) (1		time	1.91	2.97	3.93	4.83	5.73	6.62	7.51	8.41	9.34	10.33	10.33	2 / 6			
reaction time	0.148	interval		1.06	0.96	0.90	0.90	0.89	0.89	0.90	0.93	0.99		# of strides	3.93	2.69	2.72
		velocity	5.24	9.43	10.42	11.11	11.11	11.24	11.24	11.11	10.75	10.10	9.68	45.0	7.63	11.15	11.03
Larsson, Henrik (SWE) (1999)		time	1.91	2.99	3.97	4.90	5.81	6.72	7.63	8.55	9.48	10.46	10.46	3 / 7			
reaction time	0.129	interval		1.08	0.98	0.93	0.91	0.91	0.91	0.92	0.93	0.98		# of strides	3.97	2.75	2.76
		velocity	5.24	9.26	10.20	10.75	10.99	10.99	10.99	10.87	10.75	10.20	9.56	45.5	7.56	10.91	10.87
Vicaut, Jimmy (FRA) (1992)		time	1.97	3.10	4.11	5.11	6.13	7.20	8.36	9.67	11.25	13.34	13.34	1 / 8			
reaction time	0.159	interval		1.13	1.01	1.00	1.02	1.07	1.16	1.31	1.58	2.09		# of strides	4.11	3.09	4.05
		velocity	5.08	8.85	9.90	10.00	9.80	9.35	8.62	7.63	6.33	4.78	7.50		7.30	9.71	7.41

National FINAL

date 02-Jul-23 wind -0.1 m/s

Omega Timing (2023) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hartmann, Joshua (GER) (1999)		time	1.96	3.02	3.98	4.89	5.78	6.67	7.54	8.43	9.33	10.23	10.23	5 / 1			
reaction time	0.153	interval		1.06	0.96	0.91	0.89	0.89	0.87	0.89	0.90	0.90		# of strides	3.98	2.69	2.66
		velocity	5.10	9.43	10.42	10.99	11.24	11.24	11.49	11.24	11.11	11.11	9.78		7.54	11.15	11.28
Richardson, Benjamin (RSA) (200		time	1.94	3.01	3.97	4.88	5.77	6.65	7.54	8.42	9.33	10.24	10.24	7 / 2			
reaction time	0.163	interval		1.07	0.96	0.91	0.89	0.88	0.89	0.88	0.91	0.91		# of strides	3.97	2.68	2.68
		velocity	5.15	9.35	10.42	10.99	11.24	11.36	11.24	11.36	10.99	10.99	9.77		7.56	11.19	11.19
Blake, Jerome (CAN) (1995)		time	2.00	3.07	4.05	4.97	5.87	6.75	7.62	8.51	9.41	10.30	10.30	3 / 3			
reaction time	0.147	interval		1.07	0.98	0.92	0.90	0.88	0.87	0.89	0.90	0.89		# of strides	4.05	2.70	2.66
		velocity	5.00	9.35	10.20	10.87	11.11	11.36	11.49	11.24	11.11	11.24	9.71		7.41	11.11	11.28
Rogo, Desmond (SWE) (1996)		time	1.99	3.09	4.08	5.03	5.95	6.86	7.77	8.69	9.62	10.55	10.55	6 / 4			
reaction time	0.133	interval		1.10	0.99	0.95	0.92	0.91	0.91	0.92	0.93	0.93		# of strides	4.08	2.78	2.76
		velocity	5.03	9.09	10.10	10.53	10.87	10.99	10.99	10.87	10.75	10.75	9.48		7.35	10.79	10.87
Hughes, Isak (SWE) (2005)		time	2.00	3.08	4.07	5.01	5.93	6.85	7.76	8.70	9.64	10.57	10.57	4 / 5			
reaction time	0.142	interval		1.08	0.99	0.94	0.92	0.92	0.91	0.94	0.94	0.93		# of strides	4.07	2.78	2.79
		velocity	5.00	9.26	10.10	10.64	10.87	10.87	10.99	10.64	10.64	10.75	9.46		7.37	10.79	10.75
Plesse, Simon (SWE) (2002)		time	1.99	3.06	4.04	4.98	5.92	6.84	7.78	8.73	9.70	10.67	10.67	1 / 6			
reaction time	0.194	interval		1.07	0.98	0.94	0.94	0.92	0.94	0.95	0.97	0.97		# of strides	4.04	2.80	2.86
		velocity	5.03	9.35	10.20	10.64	10.64	10.87	10.64	10.53	10.31	10.31	9.37		7.43	10.71	10.49
Thor, Viktor (SWE) (2000)		time	1.97	3.07	4.07	5.03	5.96	6.90	7.83	8.78	9.74	10.71	10.71	2 / 7			
reaction time	0.145	interval		1.10	1.00	0.96	0.93	0.94	0.93	0.95	0.96	0.97		# of strides	4.07	2.83	2.84
		velocity	5.08	9.09	10.00	10.42	10.75	10.64	10.75	10.53	10.42	10.31	9.34		7.37	10.60	10.56
Wahlgren, Milo (SWE) (2002)		time	2.00	3.09	4.10	5.05	6.00	6.95	7.89	8.84	9.82	10.81	10.81	8 / 8			
reaction time	0.140	interval		1.09	1.01	0.95	0.95	0.95	0.94	0.95	0.98	0.99		# of strides	4.10	2.85	2.87
		velocity	5.00	9.17	9.90	10.53	10.53	10.53	10.64	10.53	10.20	10.10	9.25		7.32	10.53	10.45

2023 Athletissima (Lausanne, SUI)

B Race

date 30-Jun-23 wind -0.8 m/s

Omega Timing (2023) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Mancini, Pascal (SUI) (1989)		time	1.94	3.02	4.00	4.93	5.86	6.77	7.69	8.61	9.56	10.52	10.52	6 / 1			
reaction time	0.139	interval		1.08	0.98	0.93	0.93	0.91	0.92	0.92	0.95	0.96		# of strides	4.00	2.77	2.79
		velocity	5.15	9.26	10.20	10.75	10.75	10.99	10.87	10.87	10.53	10.42	9.51		7.50	10.83	10.75
Svensson, Felix (SUI) (1997)		time	1.98	3.07	4.06	5.00	5.93	6.85	7.77	8.70	9.64	10.60	10.60	7 / 2			
reaction time	0.144	interval		1.09	0.99	0.94	0.93	0.92	0.92	0.93	0.94	0.96		# of strides	4.06	2.79	2.79
		velocity	5.05	9.17	10.10	10.64	10.75	10.87	10.87	10.75	10.64	10.42	9.43		7.39	10.75	10.75
Hirsiger, Alexis (SUI) (2005)		time	1.99	3.08	4.08	5.03	5.96	6.90	7.84	8.79	9.75	10.73	10.73	5 / 3			
reaction time	0.183	interval		1.09	1.00	0.95	0.93	0.94	0.94	0.95	0.96	0.98		# of strides	4.08	2.82	2.85
		velocity	5.03	9.17	10.00	10.53	10.75	10.64	10.64	10.53	10.42	10.20	9.32		7.35	10.64	10.53
Csontos, Joël (SUI) (2005)		time	1.95	3.05	4.05	5.01	5.94	6.88	7.82	8.77	9.74	10.74	10.74	8 / 4			
reaction time	0.161	interval		1.10	1.00	0.96	0.93	0.94	0.94	0.95	0.97	1.00		# of strides	4.05	2.83	2.86
		velocity	5.13	9.09	10.00	10.42	10.75	10.64	10.64	10.53	10.31	10.00	9.31		7.41	10.60	10.49
Eichenberger, Joshua (SUI) (1999)		time	1.95	3.05	4.04	5.00	5.94	6.89	7.83	8.79	9.76	10.74	10.74	3 / 5			
reaction time	0.131	interval		1.10	0.99	0.96	0.94	0.95	0.94	0.96	0.97	0.98		# of strides	4.04	2.85	2.87
		velocity	5.13	9.09	10.10	10.42	10.64	10.53	10.64	10.42	10.31	10.20	9.31		7.43	10.53	10.45
Kern, Lucien (SUI) (2002)		time	2.02	3.12	4.12	5.08	6.03	6.97	7.93	8.90	9.89	10.88	10.88	4 / 6			
reaction time	0.149	interval		1.10	1.00	0.96	0.95	0.94	0.96	0.97	0.99	0.99		# of strides	4.12	2.85	2.92
		velocity	4.95	9.09	10.00	10.42	10.53	10.64	10.42	10.31	10.10	10.10	9.19		7.28	10.53	10.27
Pichonnaz, Alan (SUI) (2001)		time	2.10	3.22	4.22	5.18	6.12	7.06	8.01	8.97	9.95	10.94	10.94	1 / 7			
reaction time	0.173	interval		1.12	1.00	0.96	0.94	0.94	0.95	0.96	0.98	0.99		# of strides	4.22	2.84	2.89
		velocity	4.76	8.93	10.00	10.42	10.64	10.64	10.53	10.42	10.20	10.10	9.14		7.11	10.56	10.38
Perrin, Marc (SUI) (1995)		time	1.94	3.01	4.00	4.95	5.90	6.86	7.84	8.83	9.85	10.95	10.95	2 / 8			
reaction time	0.139	interval		1.07	0.99	0.95	0.95	0.96	0.98	0.99	1.02	1.10		# of strides	4.00	2.86	2.99
		velocity	5.15	9.35	10.10	10.53	10.53	10.42	10.20	10.10	9.80	9.09	9.13		7.50	10.49	10.03

2023 Chinese World Championship & Asian Games Trials (Shenyang, CHN)

FINAL

date 27-Jun-23 wind 0.7 m/s

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xie Zhenye (CHN) (1993)		time	1.92	2.95	3.89	4.79	5.65	6.52	7.38	8.25	9.16	10.09	10.09	5 / 1			
reaction time	0.167	interval		1.03	0.94	0.90	0.86	0.87	0.86	0.87	0.91	0.93		# of strides	3.89	2.63	2.64
		velocity	5.21	9.71	10.64	11.11	11.63	11.49	11.63	11.49	10.99	10.75	9.91	47.0	7.71	11.41	11.36
Shi Yuhao (CHN) (1998)		time	1.92	2.95	3.89	4.80	5.68	6.55	7.42	8.31	9.24	10.18	10.18	3 / 2			
reaction time	0.149	interval		1.03	0.94	0.91	0.88	0.87	0.87	0.89	0.93	0.94	PB	# of strides	3.89	2.66	2.69
		velocity	5.21	9.71	10.64	10.99	11.36	11.49	11.49	11.24	10.75	10.64	9.82	46.0	7.71	11.28	11.15
Chen Guanfeng (CHN) (2000)		time	1.92	2.96	3.90	4.80	5.67	6.54	7.42	8.33	9.24	10.21	10.21	6 / 3			
reaction time	0.161	interval		1.04	0.94	0.90	0.87	0.87	0.88	0.91	0.91	0.97		# of strides	3.90	2.64	2.70
		velocity	5.21	9.62	10.64	11.11	11.49	11.49	11.36	10.99	10.99	10.31	9.79	45.2	7.69	11.36	11.11
Chen Jiapeng (CHN) (2002)		time	1.95	3.01	3.95	4.84	5.71	6.59	7.45	8.36	9.26	10.22	10.22	4 / 4			
reaction time	0.164	interval		1.06	0.94	0.89	0.87	0.88	0.86	0.91	0.90	0.96		# of strides	3.95	2.64	2.67
		velocity	5.13	9.43	10.64	11.24	11.49	11.36	11.63	10.99	11.11	10.42	9.78	45.7	7.59	11.36	11.24
Suo Gaofei (CHN) (2001)		time	2.02	3.05	3.98	4.88	5.77	6.64	7.52	8.42	9.32	10.27	10.27	9 / 5			
reaction time	0.170	interval		1.03	0.93	0.90	0.89	0.87	0.88	0.90	0.90	0.95	PB	# of strides	3.98	2.66	2.68
		velocity	4.95	9.71	10.75	11.11	11.24	11.49	11.36	11.11	11.11	10.53	9.74	46.0	7.54	11.28	11.19
Lu Weiyi (CHN) (2000)		time	1.92	2.96	3.92	4.83	5.71	6.62	7.52	8.40	9.32	10.28	10.28	2 / 6			
reaction time	0.180	interval		1.04	0.96	0.91	0.88	0.91	0.90	0.88	0.92	0.96	PB	# of strides	3.92	2.70	2.70
		velocity	5.21	9.62	10.42	10.99	11.36	10.99	11.11	11.36	10.87	10.42	9.73	48.0	7.65	11.11	11.11
Deng Xinrui (CHN) (2003)		time	1.90	2.93	3.90	4.79	5.69	6.57	7.47	8.40	9.34	10.33	10.33	7 / 7			
reaction time	0.149	interval		1.03	0.97	0.89	0.90	0.88	0.90	0.93	0.94	0.99		# of strides	3.90	2.67	2.77
		velocity	5.26	9.71	10.31	11.24	11.11	11.36	11.11	10.75	10.64	10.10	9.68	50.5	7.69	11.24	10.83
Tang Xingqiang (CHN) (1995)		time	1.92	2.99	3.97	4.88	5.78	6.67	7.57	8.48	9.41	10.38	10.38	8 / 8			
reaction time	0.147	interval		1.07	0.98	0.91	0.90	0.89	0.90	0.91	0.93	0.97		# of strides	3.97	2.70	2.74
		velocity	5.21	9.35	10.20	10.99	11.11	11.24	11.11	10.99	10.75	10.31	9.63	48.2	7.56	11.11	10.95

Heat 3

date 27-Jun-23 wind -0.8 m/s

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xie Zhenye (CHN) (1993)		time	1.90	2.93	3.89	4.77	5.64	6.52	7.40	8.27	9.19	10.13	10.13	6 / 1			
reaction time	0.150	interval		1.03	0.96	0.88	0.87	0.88	0.88	0.87	0.92	0.94		# of strides	3.89	2.63	2.67
		velocity	5.26	9.71	10.42	11.36	11.49	11.36	11.36	11.49	10.87	10.64	9.87	46.0	7.71	11.41	11.24
Tang Xingqiang (CHN) (1995)		time	1.92	2.96	3.94	4.83	5.74	6.62	7.52	8.42	9.33	10.28	10.28	4 / 2			

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

reaction time	0.130	interval		1.04	0.98	0.89	0.91	0.88	0.90	0.90	0.91	0.95		# of strides	3.94	2.68	2.71
		velocity	5.21	9.62	10.20	11.24	10.99	11.36	11.11	11.11	10.99	10.53	9.73	48.5	7.61	11.19	11.07
Suo Gaofei (CHN) (2001)		time	2.02	3.07	4.02	4.91	5.81	6.69	7.57	8.47	9.39	10.35	10.35	2 / 3			
reaction time	0.172	interval		1.05	0.95	0.89	0.90	0.88	0.88	0.90	0.92	0.96		# of strides	4.02	2.67	2.70
		velocity	4.95	9.52	10.53	11.24	11.11	11.36	11.36	11.11	10.87	10.42	9.66	46.0	7.46	11.24	11.11
Dai Chenshuai (CHN) (2000)		time	1.96	3.01	4.00	4.91	5.83	6.73	7.65	8.57	9.54	10.54	10.54	3 / 6			
reaction time	0.151	interval		1.05	0.99	0.91	0.92	0.90	0.92	0.92	0.97	1.00		# of strides	4.00	2.73	2.81
		velocity	5.10	9.52	10.10	10.99	10.87	11.11	10.87	10.87	10.31	10.00	9.49	44.0	7.50	10.99	10.68

Heat 2

date 27-Jun-23 wind -0.2 m/s *Shandong Athletics Sport Science (2023)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Deng Xinrui (CHN) (2003)		time	1.88	2.94	3.88	4.77	5.66	6.56	7.45	8.37	9.31	10.27	10.27	4 / 1			
reaction time	0.145	interval		1.06	0.94	0.89	0.89	0.90	0.89	0.92	0.94	0.96		# of strides	3.88	2.68	2.75
		velocity	5.32	9.43	10.64	11.24	11.24	11.11	11.24	10.87	10.64	10.42	9.74	51.0	7.73	11.19	10.91
Shi Yuhao (CHN) (1998)		time	1.95	2.99	3.96	4.85	5.76	6.66	7.55	8.45	9.36	10.31	10.31	5 / 2			
reaction time	0.161	interval		1.04	0.97	0.89	0.91	0.90	0.89	0.90	0.91	0.95		# of strides	3.96	2.70	2.70
		velocity	5.13	9.62	10.31	11.24	10.99	11.11	11.24	11.11	10.99	10.53	9.70	9.2	7.58	11.11	11.11
Lu Weiyi (CHN) (2000)		time	1.92	3.04	3.96	4.87	5.77	6.67	7.57	8.49	9.43	10.36	10.36	8 / 3			
reaction time	0.184	interval		1.12	0.92	0.91	0.90	0.90	0.90	0.92	0.94	0.93		# of strides	3.96	2.71	2.76
		velocity	5.21	8.93	10.87	10.99	11.11	11.11	11.11	10.87	10.64	10.75	9.65	51.0	7.58	11.07	10.87
Wang Shengjie (CHN) (2000)		time	1.98	3.00	4.02	4.95	5.87	6.77	7.68	8.60	9.52	10.48	10.48	6 / 5			
reaction time	0.166	interval		1.02	1.02	0.93	0.92	0.90	0.91	0.92	0.92	0.96		# of strides	4.02	2.75	2.75
		velocity	5.05	9.80	9.80	10.75	10.87	11.11	10.99	10.87	10.87	10.42	9.54	48.5	7.46	10.91	10.91

Heat 1

date 27-Jun-23 wind 0.5 m/s *Shandong Athletics Sport Science (2023)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Chen Guanfeng (CHN) (2000)		time	1.87	2.91	3.85	4.76	5.64	6.54	7.43	8.34	9.28	10.22	10.22	4 / 1			
reaction time	0.133	interval		1.04	0.94	0.91	0.88	0.90	0.89	0.91	0.94	0.94		# of strides	3.85	2.69	2.74
		velocity	5.35	9.62	10.64	10.99	11.36	11.11	11.24	10.99	10.64	10.64	9.78	45.0	7.79	11.15	10.95
Chen Jiapeng (CHN) (2002)		time	1.96	3.03	3.99	4.88	5.77	6.64	7.52	8.40	9.32	10.26	10.26	6 / 2			
reaction time	0.174	interval		1.07	0.96	0.89	0.89	0.87	0.88	0.88	0.92	0.94		# of strides	3.99	2.65	2.68
		velocity	5.10	9.35	10.42	11.24	11.24	11.49	11.36	11.36	10.87	10.64	9.75	46.2	7.52	11.32	11.19

2023 Japanese Multi-Event National Championsips (Akita, JPN)

Decathlon - Heat 2

date 10-Jun-23 wind 0.1 m/s *Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Maruyama, Yuma (JPN) (1998)		time	1.98	3.09	4.13	5.10	6.06	7.01	7.97	8.93	9.91	10.90	10.90	6 / 3			
reaction time		interval		1.11	1.04	0.97	0.96	0.95	0.96	0.96	0.98	0.99		# of strides	4.13	2.88	2.90
		velocity	5.05	9.01	9.62	10.31	10.42	10.53	10.42	10.42	10.20	10.10	9.17		7.26	10.42	10.34
Taue, Shun (JPN) (1997)		time	2.00	3.12	4.15	5.13	6.09	7.05	8.01	8.99	9.99	11.00	11.00	9 / 6			
reaction time		interval		1.12	1.03	0.98	0.96	0.96	0.96	0.98	1.00	1.01		# of strides	4.15	2.90	2.94
		velocity	5.00	8.93	9.71	10.20	10.42	10.42	10.42	10.20	10.00	9.90	9.09		7.23	10.34	10.20
Katayama, Kazuya (JPN) (1995)		time	1.97	3.08	4.10	5.09	6.06	7.04	8.03	9.04	10.08	11.15	11.15	8 / 7			
reaction time		interval		1.11	1.02	0.99	0.97	0.98	0.99	1.01	1.04	1.07		# of strides	4.10	2.94	3.04
		velocity	5.08	9.01	9.80	10.10	10.31	10.20	10.10	9.90	9.62	9.35	8.97		7.32	10.20	9.87

Decathlon - Heat 1

date 10-Jun-23 wind -0.4 m/s *Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)		time	1.97	3.10	4.12	5.10	6.06	7.02	7.98	8.96	9.95	10.96	10.96	7 / 1			
reaction time		interval		1.13	1.02	0.98	0.96	0.96	0.96	0.98	0.99	1.01		# of strides	4.12	2.90	2.93
		velocity	5.08	8.85	9.80	10.20	10.42	10.42	10.42	10.20	10.10	9.90	9.12		7.28	10.34	10.24
Ushiro, Keisuke (JPN) (1986)		time	2.17	3.35	4.42	5.46	6.50	7.53	8.58	9.64	10.72	11.82	11.82	3 / 7			
reaction time		interval		1.18	1.07	1.04	1.04	1.03	1.05	1.06	1.08	1.10		# of strides	4.42	3.11	3.19
		velocity	4.61	8.47	9.35	9.62	9.62	9.71	9.52	9.43	9.26	9.09	8.46		6.79	9.65	9.40

2023 Meeting de Paris (Paris, FRA)

FINAL

date 09-Jun-23 wind -0.9 m/s *Omega Timing (2023) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lyles, Noah (USA) (1997)		time	1.94	2.99	3.93	4.82	5.69	6.54	7.39	8.24	9.09	9.97	9.97	4 / 1			
reaction time	0.167	interval		1.05	0.94	0.89	0.87	0.85	0.85	0.85	0.85	0.88		# of strides	3.93	2.61	2.55
		velocity	5.15	9.52	10.64	11.24	11.49	11.76	11.76	11.76	11.76	11.36	10.03	45.0	7.63	11.49	11.76
Omanyala, Ferdinand (KEN) (1996		time	1.90	2.94	3.87	4.74	5.61	6.48	7.33	8.19	9.07	9.98	9.98	6 / 2			
reaction time	0.159	interval		1.04	0.93	0.87	0.87	0.87	0.85	0.86	0.88	0.91		# of strides	3.87	2.61	2.59
		velocity	5.26	9.62	10.75	11.49	11.49	11.49	11.76	11.63	11.36	10.99	10.02	48.0	7.75	11.49	11.58
Tebogo, Letsile (BOT) (2003)		time	1.86	2.92	3.87	4.77	5.66	6.54	7.40	8.26	9.14	10.05	10.05	7 / 3			

reaction time 0.148	interval		1.06	0.95	0.90	0.89	0.88	0.86	0.86	0.88	0.91		# of strides	3.87	2.67	2.60
	velocity	5.38	9.43	10.53	11.11	11.24	11.36	11.63	11.63	11.36	10.99	9.95	43.7	7.75	11.24	11.54
Blake, Yohan (JAM) (1989)	time	1.86	2.91	3.86	4.76	5.65	6.54	7.42	8.31	9.21	10.16	10.16	3 / 4			
reaction time 0.145	interval		1.05	0.95	0.90	0.89	0.89	0.88	0.89	0.90	0.95		# of strides	3.86	2.68	2.67
	velocity	5.38	9.52	10.53	11.11	11.24	11.24	11.36	11.24	11.11	10.53	9.84	46.2	7.77	11.19	11.24
Baker, Ronnie (USA) (1993)	time	1.86	2.91	3.85	4.76	5.65	6.54	7.43	8.32	9.22	10.17	10.17	8 / 5			
reaction time 0.151	interval		1.05	0.94	0.91	0.89	0.89	0.89	0.89	0.90	0.95		# of strides	3.85	2.69	2.68
	velocity	5.38	9.52	10.64	10.99	11.24	11.24	11.24	11.24	11.11	10.53	9.83	46.7	7.79	11.15	11.19
Azamati, Benjamin (GHA) (1998)	time	1.89	2.94	3.88	4.79	5.68	6.56	7.45	8.35	9.25	10.20	10.20	1 / 6			
reaction time 0.187	interval		1.05	0.94	0.91	0.89	0.88	0.89	0.90	0.90	0.95		# of strides	3.88	2.68	2.69
	velocity	5.29	9.52	10.64	10.99	11.24	11.36	11.24	11.11	11.11	10.53	9.80	47.5	7.73	11.19	11.15
Jacobs, Lamont Marcell (ITA) (199	time	1.87	2.92	3.87	4.77	5.66	6.55	7.43	8.33	9.25	10.21	10.21	5 / 7			
reaction time 0.140	interval		1.05	0.95	0.90	0.89	0.89	0.88	0.90	0.92	0.96		# of strides	3.87	2.68	2.70
	velocity	5.35	9.52	10.53	11.11	11.24	11.24	11.36	11.11	10.87	10.42	9.79	45.0	7.75	11.19	11.11
Mouhamadou, Fall (FRA) (1992)	time	1.91	2.98	3.93	4.84	5.73	6.61	7.50	8.39	9.28	10.22	10.22	2 / 8			
reaction time 0.152	interval		1.07	0.95	0.91	0.89	0.88	0.89	0.89	0.89	0.94		# of strides	3.93	2.68	2.67
	velocity	5.24	9.35	10.53	10.99	11.24	11.36	11.24	11.24	11.24	10.64	9.78	45.5	7.63	11.19	11.24

2023 Chinese National Grand Prix 5 (Huangshi, CHN)

FINAL

date 09-Jun-23 wind -0.4 m/s

Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wu Zhiqiang (CHN) (1994)	time	1.97	3.03	3.99	4.89	5.79	6.69	7.57	8.47	9.37	10.32	10.32	6 / 1			
reaction time 0.164	interval		1.06	0.96	0.90	0.90	0.90	0.88	0.90	0.90	0.95		# of strides	3.99	2.70	2.68
	velocity	5.08	9.43	10.42	11.11	11.11	11.11	11.36	11.11	11.11	10.53	9.69	47.7	7.52	11.11	11.19
Wang Shengjie (CHN) (2000)	time	1.98	3.06	4.01	4.92	5.82	6.71	7.59	8.48	9.41	10.36	10.36	2 / 2			
reaction time 0.199	interval		1.08	0.95	0.91	0.90	0.89	0.88	0.89	0.93	0.95	**PB**	# of strides	4.01	2.70	2.70
	velocity	5.05	9.26	10.53	10.99	11.11	11.24	11.36	11.24	10.75	10.53	9.65	50.0	7.48	11.11	11.11
Suo Gaofei (CHN) (2001)	time	2.02	3.08	4.04	4.94	5.84	6.72	7.62	8.52	9.44	10.39	10.39	8 / 3			
reaction time 0.170	interval		1.06	0.96	0.90	0.90	0.88	0.90	0.90	0.92	0.95		# of strides	4.04	2.68	2.72
	velocity	4.95	9.43	10.42	11.11	11.11	11.36	11.11	11.11	10.87	10.53	9.62	46.2	7.43	11.19	11.03
Liu Shuoyuan (CHN) (2002)	time	1.98	3.06	4.04	4.96	5.87	6.77	7.66	8.57	9.47	10.44	10.44	9 / 4			
reaction time 0.173	interval		1.08	0.98	0.92	0.91	0.90	0.89	0.91	0.90	0.97		# of strides	4.04	2.73	2.70
	velocity	5.05	9.26	10.20	10.87	10.99	11.11	11.24	10.99	11.11	10.31	9.58	49.0	7.43	10.99	11.11
Huang Yonglian (CHN) (2000)	time	1.95	3.01	3.99	4.88	5.79	6.70	7.59	8.53	9.47	10.47	10.47	3 / 5			
reaction time 0.174	interval		1.06	0.98	0.89	0.91	0.91	0.89	0.94	0.94	1.00		# of strides	3.99	2.71	2.77
	velocity	5.13	9.43	10.20	11.24	10.99	10.99	11.24	10.64	10.64	10.00	9.55	475.0	7.52	11.07	10.83
Hou Shaoqing (CHN) (1999)	time	1.97	3.05	4.02	4.94	5.86	6.79	7.70	8.60	9.54	10.49	10.49	4 / 6			
reaction time 0.180	interval		1.08	0.97	0.92	0.92	0.93	0.91	0.90	0.94	0.95		# of strides	4.02	2.77	2.75
	velocity	5.08	9.26	10.31	10.87	10.87	10.75	10.99	11.11	10.64	10.53	9.53	44.5	7.46	10.83	10.91

Semi-Final 3

date 09-Jun-23 wind 0.3 m/s

Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wu Zhiqiang (CHN) (1994)	time	1.98	3.04	4.00	4.91	5.82	6.71	7.60	8.50	9.39	10.36	10.36	7 / 1			
reaction time 0.164	interval		1.06	0.96	0.91	0.91	0.89	0.89	0.90	0.89	0.97		# of strides	4.00	2.71	2.68
	velocity	5.05	9.43	10.42	10.99	10.99	11.24	11.24	11.11	11.24	10.31	9.65	47.0	7.50	11.07	11.19
Suo Gaofei (CHN) (2001)	time	2.09	3.16	4.10	5.01	5.90	6.78	7.67	8.57	9.47	10.41	10.41	6 / 2			
reaction time 0.201	interval		1.07	0.94	0.91	0.89	0.88	0.89	0.90	0.90	0.94		# of strides	4.10	2.68	2.69
	velocity	4.78	9.35	10.64	10.99	11.24	11.36	11.24	11.11	11.11	10.64	9.61	46.0	7.32	11.19	11.15
Liu Shuoyuan (CHN) (2002)	time	2.00	3.05	4.03	4.96	5.85	6.76	7.65	8.57	9.47	10.41	10.41	4 / 3			
reaction time 0.163	interval		1.05	0.98	0.93	0.89	0.91	0.89	0.92	0.90	0.94	**PB**	# of strides	4.03	2.73	2.71
	velocity	5.00	9.52	10.20	10.75	11.24	10.99	11.24	10.87	11.11	10.64	9.61	48.2	7.44	10.99	11.07

Semi-Final 2

date 09-Jun-23 wind 0.5 m/s

Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hou Shaoqing (CHN) (1999)	time	1.93	2.99	3.95	4.88	5.79	6.69	7.60	8.52	9.46	10.45	10.45	8 / 1			
reaction time 0.156	interval		1.06	0.96	0.93	0.91	0.90	0.91	0.92	0.94	0.99	**PB**	# of strides	3.95	2.74	2.77
	velocity	5.18	9.43	10.42	10.75	10.99	11.11	10.99	10.87	10.64	10.10	9.57	44.7	7.59	10.95	10.83
Huang Yonglian (CHN) (2000)	time	1.95	2.99	3.95	4.86	5.75	6.66	7.56	8.50	9.47	10.46	10.46	6 / 2			
reaction time 0.162	interval		1.04	0.96	0.91	0.89	0.91	0.90	0.94	0.97	0.99		# of strides	3.95	2.71	2.81
	velocity	5.13	9.62	10.42	10.99	11.24	10.99	11.11	10.64	10.31	10.10	9.56	47.0	7.59	11.07	10.68
Jiang Junpeng (CHN) (1999)	time	1.95	3.03	4.01	4.95	5.87	6.79	7.71	8.64	9.61	10.59	10.59	9 / 6			
reaction time 0.172	interval		1.08	0.98	0.94	0.92	0.92	0.92	0.93	0.97	0.98		# of strides	4.01	2.78	2.82

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
	velocity	5.13	9.26	10.20	10.64	10.87	10.87	10.87	10.75	10.31	10.20	9.44	46.5	7.48	10.79	10.64

Semi-Final 1

date 09-Jun-23 wind 0.5 m/s *Shandong Athletics Sport Science (2023)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Deng Xinrui (CHN) (2003)	time	1.92	2.96	3.92	4.82	5.71	6.57	7.45	8.35	9.23	10.21	10.21	5 / 1			
reaction time 0.154	interval		1.04	0.96	0.90	0.89	0.86	0.88	0.90	0.88	0.98	PB	# of strides	3.92	2.65	2.66
	velocity	5.21	9.62	10.42	11.11	11.24	11.63	11.36	11.11	11.36	10.20	9.79	50.0	7.65	11.32	11.28
Zhang Haijian (CHN) (2002)	time	1.95	2.99	3.95	4.84	5.74	6.63	7.52	8.42	9.34	10.28	10.28	7 / 2			
reaction time 0.165	interval		1.04	0.96	0.89	0.90	0.89	0.89	0.90	0.92	0.94	PB	# of strides	3.95	2.68	2.71
	velocity	5.13	9.62	10.42	11.24	11.11	11.24	11.24	11.11	10.87	10.64	9.73	47.0	7.59	11.19	11.07
Wang Shengjie (CHN) (2000)	time	1.99	3.06	4.03	4.95	5.86	6.75	7.65	8.55	9.47	10.41	10.41	2 / 3			
reaction time 0.197	interval		1.07	0.97	0.92	0.91	0.89	0.90	0.90	0.92	0.94		# of strides	4.03	2.72	2.72
	velocity	5.03	9.35	10.31	10.87	10.99	11.24	11.11	11.11	10.87	10.64	9.61	49.0	7.44	11.03	11.03

Heat 6

date 09-Jun-23 wind 0.5 m/s *Shandong Athletics Sport Science (2023)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Suo Gaofei (CHN) (2001)	time	2.00	3.08	4.05	4.97	5.88	6.77	7.68	8.59	9.51	10.52	10.52	7 / 1			
reaction time 0.247	interval		1.08	0.97	0.92	0.91	0.89	0.91	0.91	0.92	1.01		# of strides	4.05	2.72	2.74
	velocity	5.00	9.26	10.31	10.87	10.99	11.24	10.99	10.99	10.87	9.90	9.51	46.0	7.41	11.03	10.95
Guo Yiyang (CHN) (2000)	time	1.99	3.06	4.07	5.00	5.92	6.84	7.75	8.68	9.62	10.62	10.62	6 / 2			
reaction time 0.157	interval		1.07	1.01	0.93	0.92	0.92	0.91	0.93	0.94	1.00		# of strides	4.07	2.77	2.78
	velocity	5.03	9.35	9.90	10.75	10.87	10.87	10.99	10.75	10.64	10.00	9.42	45.2	7.37	10.83	10.79
Jiang Junpeng (CHN) (1999)	time	1.94	2.99	3.98	4.92	5.87	6.78	7.70	8.65	9.62	10.65	10.65	4 / 3			
reaction time 0.163	interval		1.05	0.99	0.94	0.95	0.91	0.92	0.95	0.97	1.03		# of strides	3.98	2.80	2.84
	velocity	5.15	9.52	10.10	10.64	10.53	10.99	10.87	10.53	10.31	9.71	9.39	46.2	7.54	10.71	10.56

Heat 5

date 09-Jun-23 wind 0.6 m/s *Shandong Athletics Sport Science (2023)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tang Cheng (CHN) (2001)	time	1.95	3.05	4.05	5.01	5.94	6.87	7.80	8.74	9.72	10.70	10.70	8 / 1			
reaction time 0.166	interval		1.10	1.00	0.96	0.93	0.93	0.93	0.94	0.98	0.98		# of strides	4.05	2.82	2.85
	velocity	5.13	9.09	10.00	10.42	10.75	10.75	10.75	10.64	10.20	10.20	9.35	48.5	7.41	10.64	10.53
Zhong Zhihao (CHN) (2001)	time	2.01	3.11	4.10	5.06	5.99	6.94	7.86	8.80	9.74	10.74	10.74	4 / 2			
reaction time 0.184	interval		1.10	0.99	0.96	0.93	0.95	0.92	0.94	0.94	1.00		# of strides	4.10	2.84	2.80
	velocity	4.98	9.09	10.10	10.42	10.75	10.53	10.87	10.64	10.64	10.00	9.31	50.5	7.32	10.56	10.71
Song Xinlong (CHN) (2000)	time	2.02	3.12	4.10	5.04	5.97	6.91	7.85	8.80	9.76	10.76	10.76	9 / 3			
reaction time 0.189	interval		1.10	0.98	0.94	0.93	0.94	0.94	0.95	0.96	1.00		# of strides	4.10	2.81	2.85
	velocity	4.95	9.09	10.20	10.64	10.75	10.64	10.64	10.53	10.42	10.00	9.29	51.0	7.32	10.68	10.53

Heat 3

date 09-Jun-23 wind 0.0 m/s *Shandong Athletics Sport Science (2023)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shengjie (CHN) (2000)	time	1.98	3.07	4.04	5.00	5.93	6.87	7.80	8.75	9.70	10.74	10.74	3 / 3			
reaction time 0.180	interval		1.09	0.97	0.96	0.93	0.94	0.93	0.95	0.95	1.04		# of strides	4.04	2.83	2.83
	velocity	5.05	9.17	10.31	10.42	10.75	10.64	10.75	10.53	10.53	9.62	9.31	49.2	7.43	10.60	10.60

2023 FBK Games (Hengelo, NED)

FINAL

date 04-Jun-23 wind 0.4 m/s *Omega Timing (2023) - continental tour race analysis*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Prescod, Reece (GBR) (1996)	time	1.90	2.95	3.89	4.79	5.66	6.53	7.39	8.25	9.10	9.99	9.99	6 / 1			
reaction time 0.126	interval		1.05	0.94	0.90	0.87	0.87	0.86	0.86	0.85	0.89		# of strides	3.89	2.64	2.57
	velocity	5.26	9.52	10.64	11.11	11.49	11.49	11.63	11.63	11.76	11.24	10.01	43.5	7.71	11.36	11.67
Blake, Yohan (JAM) (1989)	time	1.85	2.90	3.85	4.75	5.64	6.52	7.39	8.26	9.14	10.05	10.05	4 / 2			
reaction time 0.140	interval		1.05	0.95	0.90	0.89	0.88	0.87	0.87	0.88	0.91		# of strides	3.85	2.67	2.62
	velocity	5.41	9.52	10.53	11.11	11.24	11.36	11.49	11.49	11.36	10.99	9.95	46.0	7.79	11.24	11.45
Bouju, Raphael (NED) (2002)	time	1.86	2.91	3.86	4.76	5.65	6.53	7.41	8.29	9.17	10.09	10.09	8 / 3			
reaction time 0.140	interval		1.05	0.95	0.90	0.89	0.88	0.88	0.88	0.88	0.92	PB	# of strides	3.86	2.67	2.64
	velocity	5.38	9.52	10.53	11.11	11.24	11.36	11.36	11.36	11.36	10.87	9.91	45.5	7.77	11.24	11.36
Bracy-Williams, Marvin (USA) (199	time	1.88	2.94	3.88	4.77	5.65	6.52	7.40	8.28	9.16	10.10	10.10	5 / 4			
reaction time 0.142	interval		1.06	0.94	0.89	0.88	0.87	0.88	0.88	0.88	0.94		# of strides	3.88	2.64	2.64
	velocity	5.32	9.43	10.64	11.24	11.36	11.49	11.36	11.36	11.36	10.64	9.90	47.0	7.73	11.36	11.36
Baker, Ronnie (USA) (1993)	time	1.87	2.93	3.88	4.79	5.67	6.55	7.43	8.32	9.20	10.13	10.13	7 / 5			
reaction time 0.135	interval		1.06	0.95	0.91	0.88	0.88	0.88	0.89	0.88	0.93		# of strides	3.88	2.67	2.65
	velocity	5.35	9.43	10.53	10.99	11.36	11.36	11.36	11.24	11.36	10.75	9.87	46.0	7.73	11.24	11.32
Brown, Aaron (CAN) (1992)	time	1.87	2.93	3.88	4.80	5.70	6.59	7.47	8.36	9.24	10.15	10.15	3 / 6			
reaction time 0.186	interval		1.06	0.95	0.92	0.90	0.89	0.88	0.89	0.88	0.91		# of strides	3.88	2.71	2.65
	velocity	5.35	9.43	10.53	10.87	11.11	11.24	11.36	11.24	11.36	10.99	9.85	48.0	7.73	11.07	11.32

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Azamati, Benjamin (GHA) (1998)		time	1.92	2.97	3.91	4.80	5.69	6.56	7.45	8.34	9.24	10.18	10.18	2 / 7			
reaction time	0.123	interval		1.05	0.94	0.89	0.89	0.87	0.89	0.89	0.90	0.94		# of strides	3.91	2.65	2.68
		velocity	5.21	9.52	10.64	11.24	11.24	11.49	11.24	11.24	11.11	10.64	9.82	47.2	7.67	11.32	11.19
Azu, Jermiah (GBR) (2001)		time	1.88	2.93	3.88	4.79	5.69	6.58	7.47	8.37	9.27	10.21	10.21	9 / 8			
reaction time	0.135	interval		1.05	0.95	0.91	0.90	0.89	0.89	0.90	0.90	0.94		# of strides	3.88	2.70	2.69
		velocity	5.32	9.52	10.53	10.99	11.11	11.24	11.24	11.11	11.11	10.64	9.79	46.2	7.73	11.11	11.15

National - Heat 1

date 04-Jun-23 wind 0.1 m/s

Omega Timing (2023) - continental tour race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ekpo, Nskiak (NED) (2003)		time	1.93	3.02	3.98	4.91	5.81	6.71	7.61	8.51	9.42	10.35	10.35	8 / 1			
reaction time	0.141	interval		1.09	0.96	0.93	0.90	0.90	0.90	0.90	0.91	0.93	PB	# of strides	3.98	2.73	2.71
		velocity	5.18	9.17	10.42	10.75	11.11	11.11	11.11	11.11	10.99	10.75	9.66		7.54	10.99	11.07
van Gool, Joris (NED) (1998)		time	1.92	2.98	3.94	4.86	5.78	6.69	7.60	8.52	9.44	10.39	10.39	3 / 2			
reaction time	0.143	interval		1.06	0.96	0.92	0.92	0.91	0.91	0.92	0.92	0.95		# of strides	3.94	2.75	2.75
		velocity	5.21	9.43	10.42	10.87	10.87	10.99	10.99	10.87	10.87	10.53	9.62		7.61	10.91	10.91
Paulina, Hensley (NED) (1993)		time	1.93	3.03	4.00	4.93	5.84	6.75	7.65	8.55	9.46	10.40	10.40	5 / 3			
reaction time	0.110	interval		1.10	0.97	0.93	0.91	0.91	0.90	0.90	0.91	0.94		# of strides	4.00	2.75	2.71
		velocity	5.18	9.09	10.31	10.75	10.99	10.99	11.11	11.11	10.99	10.64	9.62		7.50	10.91	11.07
Hoornaert, Valentijn (BEL) (2000)		time	1.96	3.04	4.02	4.95	5.88	6.80	7.72	8.65	9.59	10.57	10.57	9 / 4			
reaction time	0.137	interval		1.08	0.98	0.93	0.93	0.92	0.92	0.93	0.94	0.98		# of strides	4.02	2.78	2.79
		velocity	5.10	9.26	10.20	10.75	10.75	10.87	10.87	10.75	10.64	10.20	9.46		7.46	10.79	10.75
Fini, Cédric (NED) (2003)		time	1.98	3.08	4.08	5.04	5.97	6.88	7.80	8.72	9.65	10.59	10.59	2 / 5			
reaction time	0.139	interval		1.10	1.00	0.96	0.93	0.91	0.92	0.92	0.93	0.94		# of strides	4.08	2.80	2.77
		velocity	5.05	9.09	10.00	10.42	10.75	10.99	10.87	10.87	10.75	10.64	9.44		7.35	10.71	10.83
van der Graaf, Cedrych (NED) (199		time	1.96	3.04	4.02	4.96	5.89	6.81	7.73	8.67	9.62	10.60	10.60	1 / 6			
reaction time	0.137	interval		1.08	0.98	0.94	0.93	0.92	0.92	0.94	0.95	0.98	PB	# of strides	4.02	2.79	2.81
		velocity	5.10	9.26	10.20	10.64	10.75	10.87	10.87	10.64	10.53	10.20	9.43		7.46	10.75	10.68
Snyders, Antoine (BEL) (1997)		time	2.01	3.12	4.11	5.05	5.97	6.88	7.80	8.72	9.67	10.64	10.64	4 / 7			
reaction time	0.141	interval		1.11	0.99	0.94	0.92	0.91	0.92	0.92	0.95	0.97		# of strides	4.11	2.77	2.79
		velocity	4.98	9.01	10.10	10.64	10.87	10.99	10.87	10.87	10.53	10.31	9.40		7.30	10.83	10.75
Adigida, Onyema (NED) (2000)		time	1.99	3.08	4.07	5.03	5.95	6.87	7.79	8.72	9.66	10.65	10.65	7 / 8			
reaction time	0.187	interval		1.09	0.99	0.96	0.92	0.92	0.92	0.93	0.94	0.99		# of strides	4.07	2.80	2.79
		velocity	5.03	9.17	10.10	10.42	10.87	10.87	10.87	10.75	10.64	10.10	9.39		7.37	10.71	10.75

2023 Golden Gala Pietro Mennea (Firenze, ITA)

FINAL

date 02-Jun-23 wind 0.0 m/s

Omega Timing (2023) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kerley, Fred (USA) (1995)		time	1.92	2.94	3.88	4.77	5.64	6.50	7.35	8.21	9.06	9.94	9.94	4 / 1			
reaction time	0.157	interval		1.02	0.94	0.89	0.87	0.86	0.85	0.86	0.85	0.88		# of strides	3.88	2.62	2.56
		velocity	5.21	9.80	10.64	11.24	11.49	11.63	11.76	11.63	11.76	11.36	10.06	44.0	7.73	11.45	11.72
Omanyala, Ferdinand (KEN) (1996)		time	1.94	2.97	3.90	4.79	5.66	6.53	7.38	8.26	9.14	10.05	10.05	7 / 2			
reaction time	0.172	interval		1.03	0.93	0.89	0.87	0.87	0.85	0.88	0.88	0.91		# of strides	3.90	2.63	2.61
		velocity	5.15	9.71	10.75	11.24	11.49	11.47	11.79	11.36	11.36	10.99	9.95	48.0	7.69	11.40	11.50
Bromell, Trayvon (USA) (1995)		time	1.90	2.93	3.88	4.78	5.66	6.54	7.41	8.29	9.17	10.09	10.09	6 / 3			
reaction time	0.162	interval		1.03	0.95	0.90	0.88	0.88	0.87	0.88	0.88	0.92		# of strides	3.88	2.66	2.63
		velocity	5.26	9.71	10.53	11.11	11.36	11.36	11.49	11.36	11.36	10.87	9.91	47.0	7.73	11.28	11.41
Simbine, Akani (RSA) (1993)		time	1.95	3.00	3.95	4.89	5.80	6.70	7.47	8.34	9.20	10.09	10.09	3 / 4			
reaction time	0.164	interval		1.05	0.95	0.94	0.91	0.90	0.77	0.87	0.86	0.89		# of strides	3.95	2.75	2.50
		velocity	5.13	9.52	10.53	10.64	10.99	11.11	12.99	11.49	11.63	11.24	9.91	47.0	7.59	10.91	12.00
Ceccarelli, Samuele (ITA) (2000)		time	1.91	2.94	3.88	4.78	5.68	6.57	7.45	8.31	9.21	10.13	10.13	8 / 5			
reaction time	0.160	interval		1.03	0.94	0.90	0.90	0.89	0.88	0.86	0.90	0.92	PB	# of strides	3.88	2.69	2.64
		velocity	5.24	9.71	10.64	11.11	11.11	11.24	11.36	11.63	11.11	10.87	9.87	47.2	7.73	11.15	11.36
Browning, Rohan (AUS) (1997)		time	1.93	3.00	3.93	4.83	5.68	6.58	7.45	8.34	9.23	10.15	10.15	1 / 6			
reaction time	0.128	interval		1.07	0.93	0.90	0.85	0.90	0.87	0.89	0.89	0.92		# of strides	3.93	2.65	2.65
		velocity	5.18	9.35	10.75	11.11	11.76	11.11	11.49	11.24	11.24	10.87	9.85	46.7	7.63	11.32	11.32
Blake, Yohan (JAM) (1989)		time	1.87	2.92	3.87	4.77	5.66	6.55	7.44	8.33	9.22	10.15	10.15	2 / 7			
reaction time	0.143	interval		1.05	0.95	0.90	0.89	0.89	0.89	0.89	0.89	0.93		# of strides	3.87	2.68	2.67
		velocity	5.35	9.52	10.53	11.11	11.24	11.24	11.24	11.24	11.24	10.75	9.85	47.0	7.75	11.19	11.24
Bracy-Williams, Marvin (USA) (199		time	1.94	2.98	3.92	4.82	5.70	6.58	7.46	8.34	9.24	10.23	10.23	5 / 8			
reaction time	0.212	interval		1.04	0.94	0.90	0.88	0.88	0.88	0.88	0.90	0.99		# of strides	3.92	2.66	2.66

		velocity	5.15	9.62	10.64	11.11	11.36	11.36	11.36	11.36	11.11	10.10	9.78	47.5	7.65	11.28	11.28

2023 Chinese National Grand Prix 4 (Chongqing, CHN)

FINAL

date 02-Jun-23 wind 0.1 m/s

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xie Zhenye (CHN) (1993)		time	1.92	2.90		4.73	5.62	6.49	7.35	8.24	9.14	10.05	10.05	4 / 1			
reaction time	0.123	interval		0.98		1.83	0.89	0.87	0.86	0.89	0.90	0.91		# of strides			2.65
		velocity	5.21	10.20		10.93	11.24	11.49	11.63	11.24	11.11	10.99	9.95	46.0			11.32
Lu Weiyi (CHN) (2000)		time	1.97	3.03		4.89	5.81	6.71	7.60	8.50	9.41	10.39	10.39	5 / 2			
reaction time	0.203	interval		1.06		1.86	0.92	0.90	0.89	0.90	0.91	0.98		# of strides			2.70
		velocity	5.08	9.43		10.75	10.87	11.11	11.24	11.11	10.99	10.20	9.62	58.0			11.11
Dai Chenshuai (CHN) (2000)		time	1.98	3.03		4.93	5.84	6.72	7.62	8.52	9.44	10.40	10.40	2 / 3			
reaction time	0.167	interval		1.05		1.90	0.91	0.88	0.90	0.90	0.92	0.96		# of strides			2.72
		velocity	5.05	9.52		10.53	10.99	11.36	11.11	11.11	10.87	10.42	9.62	43.7			11.03
Tang Xingqiang (CHN) (1995)		time	1.95	2.99		4.88	5.77	6.67	7.56	8.46	9.43	10.41	10.41	6 / 4			
reaction time	0.166	interval		1.04		1.89	0.89	0.90	0.89	0.90	0.97	0.98		# of strides			2.76
		velocity	5.13	9.62		10.58	11.24	11.11	11.24	11.11	10.31	10.20	9.61	47.0			10.87
Wu Haolin (CHN) (2006)		time	2.00	3.03		4.90	5.81	6.69	7.58	8.50	9.45	10.42	10.42	7 / 5			
reaction time	0.190	interval		1.03		1.87	0.91	0.88	0.89	0.92	0.95	0.97	PB	# of strides			2.76
		velocity	5.00	9.71		10.70	10.99	11.36	11.24	10.87	10.53	10.31	9.60	47.5			10.87
Suo Gaofei (CHN) (2001)		time	2.04	3.10		4.96	5.87	6.74	7.65	8.54	9.50	10.44	10.44	1 / 6			
reaction time	0.238	interval		1.06		1.86	0.91	0.87	0.91	0.89	0.96	0.94		# of strides			2.76
		velocity	4.90	9.43		10.75	10.99	11.49	10.99	11.24	10.42	10.64	9.58	46.2			10.87
Liu Yuchen (CHN) (1999)		time	2.02	3.06		4.93	5.85	6.77	7.65	8.57	9.52	10.52	10.52	8 / 7			
reaction time	0.227	interval		1.04		1.87	0.92	0.92	0.88	0.92	0.95	1.00		# of strides			2.75
		velocity	4.95	9.62		10.70	10.87	10.87	11.36	10.87	10.53	10.00	9.51	48.0			10.91

Semi-Final 4

date 02-Jun-23 wind -0.3 m/s

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xie Zhenye (CHN) (1993)		time	1.98	3.01	3.95	4.84	5.72	6.62	7.50	8.38	9.31	10.26	10.26	4 / 1			
reaction time	0.194	interval		1.03	0.94	0.89	0.88	0.90	0.88	0.88	0.93	0.95		# of strides	3.95	2.67	2.69
		velocity	5.05	9.71	10.64	11.24	11.36	11.11	11.36	11.36	10.75	10.53	9.75	45.5	7.59	11.24	11.15
Wu Haolin (CHN) (2006)		time	1.96	3.02	4.00	4.91	5.81	6.70	7.60	8.52	9.47	10.44	10.44	6 / 2			
reaction time	0.186	interval		1.06	0.98	0.91	0.90	0.89	0.90	0.92	0.95	0.97	PB	# of strides	4.00	2.70	2.77
		velocity	5.10	9.43	10.20	10.99	11.11	11.24	11.11	10.87	10.53	10.31	9.58	48.0	7.50	11.11	10.83
Li Wenjie (CHN) (1998)		time	1.97	3.02	3.99	4.91	5.82	6.74	7.66	8.58	9.54	10.52	10.52	2 / 3			
reaction time	0.182	interval		1.05	0.97	0.92	0.91	0.92	0.92	0.92	0.96	0.98		# of strides	3.99	2.75	2.80
		velocity	5.08	9.52	10.31	10.87	10.99	10.87	10.87	10.87	10.42	10.20	9.51	51.0	7.52	10.91	10.71
Li Zeyang (CHN) (2000)		time	2.03	3.13	4.09	5.01	5.94	6.84	7.75	8.68	9.61	10.59	10.59	3 / 4			
reaction time	0.230	interval		1.10	0.96	0.92	0.93	0.90	0.91	0.93	0.93	0.98		# of strides	4.09	2.75	2.77
		velocity	4.93	9.09	10.42	10.87	10.75	11.11	10.99	10.75	10.75	10.20	9.44	46.5	7.33	10.91	10.83
Zhang Renjie (CHN) (2000)		time	2.00	3.09	4.07	5.01	5.94	6.85	7.77	8.70	9.64	10.60	10.60	1 / 5			
reaction time	0.177	interval		1.09	0.98	0.94	0.93	0.91	0.92	0.93	0.94	0.96		# of strides	4.07	2.78	2.79
		velocity	5.00	9.17	10.20	10.64	10.75	10.99	10.87	10.75	10.64	10.42	9.43	49.0	7.37	10.79	10.75
Chen Zhiwang (CHN) (2001)		time	1.95	3.00	3.97	4.94	5.84	6.77	7.71	8.67	9.66	10.63	10.63	5 / 6			
reaction time		interval		1.05	0.97	0.97	0.90	0.93	0.94	0.96	0.99	0.97		# of strides	3.97	2.80	2.89
		velocity	5.13	9.52	10.31	10.31	11.11	10.75	10.64	10.42	10.10	10.31	9.41	50.0	7.56	10.71	10.38
Jiang Junpeng (CHN) (1999)		time	2.00	3.07	4.04	4.96	5.89	6.83	7.74	8.69	9.66	10.64	10.64	7 / 7			
reaction time	0.203	interval		1.07	0.97	0.92	0.93	0.94	0.91	0.95	0.97	0.98		# of strides	4.04	2.79	2.83
		velocity	5.00	9.35	10.31	10.87	10.75	10.64	10.99	10.53	10.31	10.20	9.40	46.2	7.43	10.75	10.60

Semi-Final 3

date 02-Jun-23 wind -0.6 m/s

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tang Xingqiang (CHN) (1995)		time	1.95	2.99	3.97	4.88	5.79	6.67	7.57	8.48	9.44	10.46	10.46	6 / 1			
reaction time	0.156	interval		1.04	0.98	0.91	0.91	0.88	0.90	0.91	0.96	1.02		# of strides	3.97	2.70	2.77
		velocity	5.13	9.62	10.20	10.99	10.99	11.36	11.11	10.99	10.42	9.80	9.56	47.0	7.56	11.11	10.83
Liu Yuchen (CHN) (1999)		time	1.98	3.02	3.99	4.91	5.82	6.73	7.66	8.58	9.54	10.51	10.51	4 / 2			
reaction time	0.185	interval		1.04	0.97	0.92	0.91	0.91	0.93	0.92	0.96	0.97		# of strides	3.99	2.74	2.81
		velocity	5.05	9.62	10.31	10.87	10.99	10.99	10.75	10.87	10.42	10.31	9.51	48.5	7.52	10.95	10.68
Zhang Sai (CHN) (2002)		time	2.00	3.09	4.05	5.00	5.89	6.81	7.74	8.64	9.59	10.56	10.56	3 / 3			
reaction time	0.235	interval		1.09	0.96	0.95	0.89	0.92	0.93	0.90	0.95	0.97		# of strides	4.05	2.76	2.78
		velocity	5.00	9.17	10.42	10.53	11.24	10.87	10.75	11.11	10.53	10.31	9.47	49.0	7.41	10.87	10.79

Cui Sen (CHN) (2004)		time	2.00	3.08	4.07	5.03	5.95	6.88	7.81	8.73	9.69	10.68	10.68	2 / 4			
reaction time	0.186	interval		1.08	0.99	0.96	0.92	0.93	0.93	0.92	0.96	0.99		# of strides	4.07	2.81	2.81
		velocity	5.00	9.26	10.10	10.42	10.87	10.75	10.75	10.87	10.42	10.10	9.36	49.5	7.37	10.68	10.68

Semi-Final 2

date 02-Jun-23 wind -0.4 m/s *Shandong Athletics Sport Science (2023)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shuang (CHN) (2004)		time	1.95	2.99	3.97	4.88	5.80	6.69	7.57	8.50	9.44	10.37	10.37	5 / 1			
reaction time	0.157	interval		1.04	0.98	0.91	0.92	0.89	0.88	0.93	0.94	0.93		# of strides	3.97	2.72	2.75
		velocity	5.13	9.62	10.20	10.99	10.87	11.24	11.36	10.75	10.64	10.75	9.64	49.2	7.56	11.03	10.91
Dai Chenshuai (CHN) (2000)		time	1.95	2.98	3.97	4.88	5.80	6.69	7.57	8.50	9.44	10.41	10.41	6 / 2			
reaction time	0.155	interval		1.03	0.99	0.91	0.92	0.89	0.88	0.93	0.94	0.97		# of strides	3.97	2.72	2.75
		velocity	5.13	9.71	10.10	10.99	10.87	11.24	11.36	10.75	10.64	10.31	9.61	44.0	7.56	11.03	10.91
Tian Junhao (CHN) (2000)		time	2.00	3.09	4.09	5.00	5.92	6.82	7.72	8.61	9.54	10.48	10.48	3 / 3			
reaction time	0.179	interval		1.09	1.00	0.91	0.92	0.90	0.90	0.89	0.93	0.94	PB	# of strides	4.09	2.73	2.72
		velocity	5.00	9.17	10.00	10.99	10.87	11.11	11.11	11.24	10.75	10.64	9.54	45.0	7.33	10.99	11.03

Heat 12

date 02-Jun-23 wind -0.9 m/s *Shandong Athletics Sport Science (2023)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Suo Gaofei (CHN) (2001)	time	2.09	3.15	4.13	5.03	5.91	6.81	7.72	8.63	9.57	10.54	10.54	5 / 1			
reaction time	interval		1.06	0.98	0.90	0.88	0.90	0.91	0.91	0.94	0.97		# of strides	4.13	2.68	2.76
	velocity	4.78	9.43	10.20	11.11	11.36	11.11	10.99	10.99	10.64	10.31	9.49	46.5	7.26	11.19	10.87
Jiang Junpeng (CHN) (1999)	time	1.97	3.03	4.01	4.96	5.88	6.79	7.73	8.67	9.64	10.64	10.64	3 / 2			
reaction time	interval		1.06	0.98	0.95	0.92	0.91	0.94	0.94	0.97	1.00		# of strides	4.01	2.78	2.85
	velocity	5.08	9.43	10.20	10.53	10.87	10.99	10.64	10.64	10.31	10.00	9.40	47.0	7.48	10.79	10.53

Heat 11

date 02-Jun-23 wind -0.7 m/s *Shandong Athletics Sport Science (2023)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zhang Sai (CHN) (2002)	time	2.08	3.13	4.10	5.04	5.96	6.87	7.78	8.70	9.66	10.62	10.62	6 / 1			
reaction time	interval		1.05	0.97	0.94	0.92	0.91	0.91	0.92	0.96	0.96		# of strides	4.10	2.77	2.79
	velocity	4.81	9.52	10.31	10.64	10.87	10.99	10.99	10.87	10.42	10.42	9.42	49.2	7.32	10.83	10.75
Wang Qi (CHN) (1995)	time	2.02	3.07	4.06	5.01	5.94	6.85	7.78	8.70	9.66	10.64	10.64	5 / 2			
reaction time	interval		1.05	0.99	0.95	0.93	0.91	0.93	0.92	0.96	0.98		# of strides	4.06	2.79	2.81
	velocity	4.95	9.52	10.10	10.53	10.75	10.99	10.75	10.87	10.42	10.20	9.40	49.2	7.39	10.75	10.68
Qiao Jichao (CHN) (2006)	time	2.08	3.18	4.20	5.19	6.15	7.11	8.07	9.05	10.04	11.06	11.06	7 / 8			
reaction time	interval		1.10	1.02	0.99	0.96	0.96	0.96	0.98	0.99	1.02		# of strides	4.20	2.91	2.93
	velocity	4.81	9.09	9.80	10.10	10.42	10.42	10.42	10.20	10.10	9.80	9.04	49.0	7.14	10.31	10.24

Heat 9

date 02-Jun-23 wind -1.0 m/s *Shandong Athletics Sport Science (2023)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tang Xingqiang (CHN) (1995)	time	1.94	2.99	3.95	4.86	5.77	6.66	7.55	8.47	9.39	10.35	10.35	6 / 1			
reaction time	interval		1.05	0.96	0.91	0.91	0.89	0.89	0.92	0.92	0.96		# of strides	3.95	2.71	2.73
	velocity	5.15	9.52	10.42	10.99	10.99	11.24	11.24	10.87	10.87	10.42	9.66	48.5	7.59	11.07	10.99
Liu Yuchen (CHN) (1999)	time	1.98	3.04	4.02	4.93	5.85	6.77	7.71	8.65	9.63	10.60	10.60	3 / 2			
reaction time	interval		1.06	0.98	0.91	0.92	0.92	0.94	0.94	0.98	0.97		# of strides	4.02	2.75	2.86
	velocity	5.05	9.43	10.20	10.99	10.87	10.87	10.64	10.64	10.20	10.31	9.43	49.0	7.46	10.91	10.49
Ling Chun (CHN) (2001)	time	1.98	3.06	4.05	4.97	5.90	6.82	7.75	8.68	9.66	10.63	10.63	4 / 3			
reaction time	interval		1.08	0.99	0.92	0.93	0.92	0.93	0.93	0.98	0.97		# of strides	4.05	2.77	2.84
	velocity	5.05	9.26	10.10	10.87	10.75	10.87	10.75	10.75	10.20	10.31	9.41	48.7	7.41	10.83	10.56
Li LI (CHN) (2002)	time	2.03	3.12	4.15	5.13	6.12	7.08	8.09	9.11	10.15	11.19	11.19	1 / 8			
reaction time	interval		1.09	1.03	0.98	0.99	0.96	1.01	1.02	1.04	1.04		# of strides	4.15	2.93	3.07
	velocity	4.93	9.17	9.71	10.20	10.10	10.42	9.90	9.80	9.62	9.62	8.94	46.7	7.23	10.24	9.77

Heat 8

date 02-Jun-23 wind -0.8 m/s *Shandong Athletics Sport Science (2023)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Dai Chenshuai (CHN) (2000)	time	1.97	3.01	4.00	4.96	5.89	6.82	7.76	8.72	9.73	10.76	10.76	6 / 1			
reaction time	interval		1.04	0.99	0.96	0.93	0.93	0.94	0.96	1.01	1.03		# of strides	4.00	2.82	2.91
	velocity	5.08	9.62	10.10	10.42	10.75	10.75	10.64	10.42	9.90	9.71	9.29	44.0	7.50	10.64	10.31
Li Wenjie (CHN) (1998)	time	1.97	3.01	3.98	4.94	5.91	6.84	7.78	8.74	9.73	10.76	10.76	5 / 2			
reaction time	interval		1.04	0.97	0.96	0.97	0.93	0.94	0.96	0.99	1.03		# of strides	3.98	2.86	2.89
	velocity	5.08	9.62	10.31	10.42	10.31	10.75	10.64	10.42	10.10	9.71	9.29	51.0	7.54	10.49	10.38

Heat 4

date 02-Jun-23 wind -0.8 m/s *Shandong Athletics Sport Science (2023)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wu Haolin (CHN) (2006)	time	2.00	3.11	4.10	5.03	5.96	6.87	7.77	8.71	9.64	10.60	10.60	5 / 1			
reaction time	interval		1.11	0.99	0.93	0.93	0.91	0.90	0.94	0.93	0.96		# of strides	4.10	2.77	2.77
	velocity	5.00	9.01	10.10	10.75	10.75	10.99	11.11	10.64	10.75	10.42	9.43	47.0	7.32	10.83	10.83

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Liu Zengsheng (CHN) (2003)	time	2.00	3.09	4.07	5.02	5.98	6.92	7.85	8.79	9.76	10.73	10.73	3 / 2			
reaction time	interval		1.09	0.98	0.95	0.96	0.94	0.93	0.94	0.97	0.97		# of strides	4.07	2.85	2.84
	velocity	5.00	9.17	10.20	10.53	10.42	10.64	10.75	10.64	10.31	10.31	9.32	47.5	7.37	10.53	10.56
Wen Shiqi (CHN) (1999)	time	1.98	3.10	4.11	5.07	6.03	6.96	7.91	8.88	9.84	10.84	10.84	4 / 3			
reaction time	interval		1.12	1.01	0.96	0.96	0.93	0.95	0.97	0.96	1.00		# of strides	4.11	2.85	2.88
	velocity	5.05	8.93	9.90	10.42	10.42	10.75	10.53	10.31	10.42	10.00	9.23	50.0	7.30	10.53	10.42
Song Xinlong (CHN) (2000)	time	2.02	3.12	4.11	5.07	6.03	6.96	7.91	8.88	9.84	10.87	10.87	7 / 4			
reaction time	interval		1.10	0.99	0.96	0.96	0.93	0.95	0.97	0.96	1.03		# of strides	4.11	2.85	2.88
	velocity	4.95	9.09	10.10	10.42	10.42	10.75	10.53	10.31	10.42	9.71	9.20	51.0	7.30	10.53	10.42

Heat 1

date 02-Jun-23 wind -0.4 m/s

Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xie Zhenye (CHN) (1993)	time	1.96	3.02	3.96	4.87	5.77	6.66	7.54	8.44	9.34	10.33	10.33	4 / 1			
reaction time	interval		1.06	0.94	0.91	0.90	0.89	0.88	0.90	0.90	0.99		# of strides	3.96	2.70	2.68
	velocity	5.10	9.43	10.64	10.99	11.11	11.24	11.36	11.11	11.11	10.10	9.68	45.5	7.58	11.11	11.19
Cui Sen (CHN) (2004)	time	2.02	3.09	4.10	5.05	5.99	6.90	7.81	8.75	9.68	10.64	10.64	2 / 2			
reaction time	interval		1.07	1.01	0.95	0.94	0.91	0.91	0.94	0.93	0.96		# of strides	4.10	2.80	2.78
	velocity	4.95	9.35	9.90	10.53	10.64	10.99	10.99	10.64	10.75	10.42	9.40	49.2	7.32	10.71	10.79
Feng Jinzhou (CHN) (2002)	time	1.98	3.06	4.04	4.96	5.89	6.81	7.74	8.69	9.66	10.66	10.66	3 / 3			
reaction time	interval		1.08	0.98	0.92	0.93	0.92	0.93	0.95	0.97	1.00		# of strides	4.04	2.77	2.85
	velocity	5.05	9.26	10.20	10.87	10.75	10.87	10.75	10.53	10.31	10.00	9.38	47.0	7.43	10.83	10.53

2023 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)

FINAL

date 28-May-23 wind 0.1 m/s

Omega Timing (2023) - diamond league race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kerley, Fred (USA) (1995)	time	1.88	2.91	3.85	4.74	5.61	6.48	7.33	8.19	9.05	9.94	9.94	5 / 1			
reaction time 0.149	interval		1.03	0.94	0.89	0.87	0.87	0.85	0.86	0.86	0.89		# of strides	3.85	2.63	2.57
	velocity	5.32	9.71	10.64	11.24	11.49	11.49	11.76	11.63	11.63	11.24	10.06	44.0	7.79	11.41	11.67
Simbine, Akani (RSA) (1993)	time	1.93	2.98	3.92	4.81	5.68	6.54	7.39	8.24	9.11	9.99	9.99	3 / 2			
reaction time 0.162	interval		1.05	0.94	0.89	0.87	0.86	0.85	0.85	0.87	0.88		# of strides	3.92	2.62	2.57
	velocity	5.18	9.52	10.64	11.24	11.49	11.63	11.76	11.76	11.49	11.36	10.01	47.0	7.65	11.45	11.67
Omanyala, Ferdinand (KEN) (1996)	time	1.91	2.98	3.90	4.78	5.65	6.51	7.36	8.26	9.12	10.05	10.05	4 / 3			
reaction time 0.164	interval		1.07	0.92	0.88	0.87	0.86	0.85	0.90	0.86	0.93		# of strides	3.90	2.61	2.61
	velocity	5.24	9.35	10.87	11.36	11.49	11.63	11.76	11.11	11.63	10.75	9.95	47.5	7.69	11.49	11.49
Tebogo, Letsile (BOT) (2003)	time	1.91	2.96	3.92	4.83	5.71	6.59	7.46	8.32	9.19	10.09	10.09	8 / 4			
reaction time 0.173	interval		1.05	0.96	0.91	0.88	0.88	0.87	0.86	0.87	0.90		# of strides	3.92	2.67	2.60
	velocity	5.24	9.52	10.42	10.99	11.36	11.36	11.49	11.63	11.49	11.11	9.91	43.0	7.65	11.24	11.54
Bromell, Trayvon (USA) (1995)	time	1.85	2.89	3.83	4.74	5.63	6.51	7.39	8.27	9.16	10.10	10.10	6 / 5			
reaction time 0.139	interval		1.04	0.94	0.91	0.89	0.88	0.88	0.88	0.89	0.94		# of strides	3.83	2.68	2.65
	velocity	5.41	9.62	10.64	10.99	11.24	11.36	11.36	11.36	11.24	10.64	9.90	47.0	7.83	11.19	11.32
Blake, Yohan (JAM) (1989)	time	1.84	2.92	3.87	4.78	5.68	6.58	7.46	8.35	9.25	10.18	10.18	7 / 6			
reaction time 0.148	interval		1.08	0.95	0.91	0.90	0.90	0.88	0.89	0.90	0.93		# of strides	3.87	2.71	2.67
	velocity	5.43	9.26	10.53	10.99	11.11	11.11	11.36	11.24	11.11	10.75	9.82	46.5	7.75	11.07	11.24
Azu, Jermiah (GBR) (2001)	time	1.91	2.97	3.92	4.83	5.73	6.62	7.50	8.38	9.27	10.20	10.20	9 / 7			
reaction time 0.166	interval		1.06	0.95	0.91	0.90	0.89	0.88	0.88	0.89	0.93		# of strides	3.92	2.70	2.65
	velocity	5.24	9.43	10.53	10.99	11.11	11.24	11.36	11.36	11.24	10.75	9.80	46.5	7.65	11.11	11.32
Mouhamadou, Fall (FRA) (1992)	time	2.00	3.06	4.01	4.92	5.80	6.69	7.56	8.44	9.33	10.25	10.25	2 / 8			
reaction time 0.136	interval		1.06	0.95	0.91	0.88	0.89	0.87	0.88	0.89	0.92		# of strides	4.01	2.68	2.64
	velocity	5.00	9.43	10.53	10.99	11.36	11.24	11.49	11.36	11.24	10.87	9.76	46.0	7.48	11.19	11.36
Machmour, Chakir (MAR) (1994)	time	2.00	3.11	4.10	5.03	5.96	6.88	7.80	8.72	9.65	10.63	10.63	1 / 9			
reaction time 0.178	interval		1.11	0.99	0.93	0.93	0.92	0.92	0.92	0.93	0.98		# of strides	4.10	2.78	2.77
	velocity	5.00	9.01	10.10	10.75	10.75	10.87	10.87	10.87	10.75	10.20	9.41	48.5	7.32	10.79	10.83

2023 Shimane High School Championships (Izumo, JPN)

FINAL

date 27-May-23 wind 0.9 m/s

Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fujiwara, Ryusei (JPN)	time			4.03			6.83			9.60	10.55	10.55	5 / 1			
reaction time	interval						2.80			2.77	0.95		# of strides	4.03	2.80	2.77
	velocity			7.44			10.71			10.83	10.53	9.48	49.5	7.44	10.71	10.83
Edagi, Ren (JPN) (2006)	time			4.08			6.90			9.65	10.64	10.64	4 / 2			
reaction time	interval						2.82			2.75	0.99		# of strides	4.08	2.82	2.75
	velocity			7.35			10.64			10.91	10.10	9.40	49.7	7.35	10.64	10.91

Iwasaki, Hoshun (JPN)	time		4.08		6.93		9.77	10.80	10.80	3 / 3			
reaction time	interval				2.85		2.84	1.03		# of strides	4.08	2.85	2.84
	velocity		7.35		10.53		10.56	9.71	9.26	51.0	7.35	10.53	10.56
Ishihara, Yoshiaki (JPN) (2006)	time		4.12		7.00		9.88	10.91	10.91	6 / 4			
reaction time	interval				2.88		2.88	1.03		# of strides	4.12	2.88	2.88
	velocity		7.28		10.42		10.42	9.71	9.17	49.7	7.28	10.42	10.42
Kanazawa, Riki (JPN)	time		4.18		7.12		10.10	11.14	11.14	2 / 5			
reaction time	interval				2.94		2.98	1.04		# of strides	4.18	2.94	2.98
	velocity		7.18		10.20		10.07	9.62	8.98	50.5	7.18	10.20	10.07
Sato, Hatano (JPN)	time		4.18		7.13		10.15	11.22	11.22	8 / 6			
reaction time	interval				2.95		3.02	1.07		# of strides	4.18	2.95	3.02
	velocity		7.18		10.17		9.93	9.35	8.91	48.2	7.18	10.17	9.93
Takumi, Suyama (JPN)	time		4.18		7.13		10.17	11.22	11.22	1 / 7			
reaction time	interval				2.95		3.04	1.05		# of strides	4.18	2.95	3.04
	velocity		7.18		10.17		9.87	9.52	8.91	50.5	7.18	10.17	9.87
Kajitani, Seiya (JPN)	time		4.15		7.13		10.20	11.32	11.32	7 / 8			
reaction time	interval				2.98		3.07	1.12		# of strides	4.15	2.98	3.07
	velocity		7.23		10.07		9.77	8.93	8.83	53.0	7.23	10.07	9.77

2023 Chinese National Grand Prix 3 (Taizhou, CHN)

Semi-Final 1

date 26-May-23 wind -1.2 m/s

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Liu Suyi (CHN) (1998)		time	1.95	3.03	4.00	4.93	5.84	6.77	7.69	8.64	9.60	10.57	10.57	5 / 1			
reaction time	0.143	interval		1.08	0.97	0.93	0.91	0.93	0.92	0.95	0.96	0.97		# of strides	4.00	2.77	2.83
		velocity	5.13	9.26	10.31	10.75	10.99	10.75	10.87	10.53	10.42	10.31	9.46	46.0	7.50	10.83	10.60
Su Jianqing (CHN) (2000)		time	1.97	3.03	4.02	4.96	5.92	6.81	7.74	8.68	9.63	10.60	10.60	3 / 2			
reaction time	0.153	interval		1.06	0.99	0.94	0.96	0.89	0.93	0.94	0.95	0.97		# of strides	4.02	2.79	2.82
		velocity	5.08	9.43	10.10	10.64	10.42	11.24	10.75	10.64	10.53	10.31	9.43	49.2	7.46	10.75	10.64
Cui Sen (CHN) (2004)		time	2.02	3.07	4.07	5.03	5.97	6.89	7.82	8.75	9.69	10.63	10.63	4 / 3			
reaction time	0.186	interval		1.05	1.00	0.96	0.94	0.92	0.93	0.93	0.94	0.94	PB	# of strides	4.07	2.82	2.80
		velocity	4.95	9.52	10.00	10.42	10.64	10.87	10.75	10.75	10.64	10.64	9.41	49.5	7.37	10.64	10.71

Heat 5

date 26-May-23 wind -0.3 m/s

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Liu Suyi (CHN) (1998)		time	1.94	3.00	3.98	4.89	5.82	6.74	7.67	8.61	9.58	10.58	10.58	6 / 1			
reaction time	0.146	interval		1.06	0.98	0.91	0.93	0.92	0.93	0.94	0.97	1.00		# of strides	3.98	2.76	2.84
		velocity	5.15	9.43	10.20	10.99	10.75	10.87	10.75	10.64	10.31	10.00	9.45	46.0	7.54	10.87	10.56
Cui Sen (CHN) (2004)		time	1.98	3.06	4.05	5.01	5.94	6.87	7.80	8.73	9.68	10.66	10.66	7 / 2			
reaction time	0.158	interval		1.08	0.99	0.96	0.93	0.93	0.93	0.93	0.95	0.98	PB	# of strides	4.05	2.82	2.81
		velocity	5.05	9.26	10.10	10.42	10.75	10.75	10.75	10.75	10.53	10.20	9.38	49.0	7.41	10.64	10.68

Heat 2

date 26-May-23 wind -0.1 m/s

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Deng Xinrui (CHN) (2003)		time	1.95	3.01	3.99	4.91	5.82	6.72	7.64	8.57	9.51	10.49	10.49	4 / 1			
reaction time	0.157	interval		1.06	0.98	0.92	0.91	0.90	0.92	0.93	0.94	0.98		# of strides	3.99	2.73	2.79
		velocity	5.13	9.43	10.20	10.87	10.99	11.11	10.87	10.75	10.64	10.20	9.53	50.0	7.52	10.99	10.75
Quan Yingrui (CHN) (1997)		time	1.97	3.03	3.99	4.94	5.87	6.80	7.73	8.66	9.61	10.57	10.57	5 / 2			
reaction time	0.165	interval		1.06	0.96	0.95	0.93	0.93	0.93	0.93	0.95	0.96		# of strides	3.99	2.81	2.81
		velocity	5.08	9.43	10.42	10.53	10.75	10.75	10.75	10.75	10.53	10.42	9.46	46.7	7.52	10.68	10.68
Xiao Yuanpeng (CHN) (2000)		time	1.99	3.06	4.05	5.01	5.94	6.87	7.81	8.76	9.73	10.69	10.69	6 / 3			
reaction time	0.147	interval		1.07	0.99	0.96	0.93	0.93	0.94	0.95	0.97	0.96		# of strides	4.05	2.82	2.86
		velocity	5.03	9.35	10.10	10.42	10.75	10.75	10.64	10.53	10.31	10.42	9.35	48.7	7.41	10.64	10.49
Song Xinlong (CHN) (2000)		time	2.02	3.12	4.13	5.10	6.04	6.99	7.94	8.90	9.88	10.88	10.88	7 / 5			
reaction time	0.175	interval		1.10	1.01	0.97	0.94	0.95	0.95	0.96	0.98	1.00		# of strides	4.13	2.86	2.89
		velocity	4.95	9.09	9.90	10.31	10.64	10.53	10.53	10.42	10.20	10.00	9.19	51.0	7.26	10.49	10.38

2023 Michitaka Kinami Memorial (Osaka, JPN)

Decathlon - Heat 2

date 06-May-23 wind 0.6 m/s

Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Taue, Shun (JPN) (1997)		time	1.98	3.11	4.12	5.09	6.03	6.97	7.92	8.88	9.87	10.89	10.89	2 / 2			
reaction time	0.155	interval		1.13	1.01	0.97	0.94	0.94	0.95	0.96	0.99	1.02		# of strides	4.12	2.85	2.90
		velocity	5.05	8.85	9.90	10.31	10.64	10.64	10.53	10.42	10.10	9.80	9.18		7.28	10.53	10.34
Ushiro, Keisuke (JPN) (1986)		time	2.09	3.27	4.34	5.38	6.40	7.42	8.45	9.50	10.57	11.68	11.68	8 / 7			

reaction time	0.177	interval		1.18	1.07	1.04	1.02	1.02	1.03	1.05	1.07	1.11		# of strides	4.34	3.08	3.15
		velocity	4.78	8.47	9.35	9.62	9.80	9.80	9.71	9.52	9.35	9.01	8.56		6.91	9.74	9.52

Decathlon - Heat 1

date 06-May-23 wind -1.1 m/s

Matsubayashi (2024) - performance analysis of decathlon athletes in the 2023 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Katayama, Kazuya (JPN) (1995)		time	1.95	3.09	4.12	5.12	6.10	7.09	8.09	9.11	10.15	11.23	11.23	5 / 4			
reaction time	0.152	interval		1.14	1.03	1.00	0.98	0.99	1.00	1.02	1.04	1.08		# of strides	4.12	2.97	3.06
		velocity	5.13	8.77	9.71	10.00	10.20	10.10	10.00	9.80	9.62	9.26	8.90		7.28	10.10	9.80

2023 Chinese National Grand Prix 1 (Rizhao, CHN)

FINAL

date 26-Apr-23 wind 0.8 m/s

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Suo Gaofei (CHN) (2001)		time	2.10	3.16	4.12	5.02	5.92	6.80	7.68	8.55	9.48	10.41	10.41	6 / 1			
reaction time	0.132	interval		1.06	0.96	0.90	0.90	0.88	0.88	0.87	0.93	0.93		# of strides	4.12	2.68	2.68
		velocity	4.76	9.43	10.42	11.11	11.11	11.36	11.36	11.49	10.75	10.75	9.61	46.5	7.28	11.19	11.19
Wang Shengjie (CHN) (2000)		time	1.96	3.02	3.99	4.91	5.82	6.72	7.63	8.52	9.47	10.42	10.42	4 / 2			
reaction time	0.160	interval		1.06	0.97	0.92	0.91	0.90	0.91	0.89	0.95	0.95		# of strides	3.99	2.73	2.75
		velocity	5.10	9.43	10.31	10.87	10.99	11.11	10.99	11.24	10.53	10.53	9.60	51.2	7.52	10.99	10.91
Zhang Haijian (CHN) (2002)		time	1.94	2.99	3.97	4.89	5.82	6.72	7.65	8.57	9.54	10.53	10.53	5 / 3			
reaction time	0.140	interval		1.05	0.98	0.92	0.93	0.90	0.93	0.92	0.97	0.99	PB	# of strides	3.97	2.75	2.82
		velocity	5.15	9.52	10.20	10.87	10.75	11.11	10.75	10.87	10.31	10.10	9.50	48.2	7.56	10.91	10.64
Jiang Junpeng (CHN) (1999)		time	1.94	2.99	3.99	4.91	5.85	6.78	7.68	8.62	9.60	10.57	10.57	8 / 4			
reaction time	0.158	interval		1.05	1.00	0.92	0.94	0.93	0.90	0.94	0.98	0.97	PB	# of strides	3.99	2.79	2.82
		velocity	5.15	9.52	10.00	10.87	10.64	10.75	11.11	10.64	10.20	10.31	9.46	46.5	7.52	10.75	10.64
Hou Shaoqing (CHN) (1999)		time	1.97	3.05	4.00	4.93	5.85	6.78	7.69	8.62	9.58	10.57	10.57	3 / 5			
reaction time	0.149	interval		1.08	0.95	0.93	0.92	0.93	0.91	0.93	0.96	0.99	PB	# of strides	4.00	2.78	2.80
		velocity	5.08	9.26	10.53	10.75	10.87	10.75	10.99	10.75	10.42	10.10	9.46	44.7	7.50	10.79	10.71
Cheng Jiajun (CHN) (2002)		time	2.02	3.08	4.07	5.01	5.93	6.84	7.75	8.69	9.63	10.61	10.61	2 / 6			
reaction time	0.160	interval		1.06	0.99	0.94	0.92	0.91	0.91	0.94	0.94	0.98	=PB	# of strides	4.07	2.77	2.79
		velocity	4.95	9.43	10.10	10.64	10.87	10.99	10.99	10.64	10.64	10.20	9.43	48.5	7.37	10.83	10.75

Semi-Final 3

date 26-Apr-23 wind -1.6 m/s

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shengjie (CHN) (2000)		time	1.97	3.01	3.97	4.89	5.80	6.69	7.60	8.51	9.43	10.39	10.39	4 / 1			
reaction time	0.150	interval		1.04	0.96	0.92	0.91	0.89	0.91	0.91	0.92	0.96		# of strides	3.97	2.72	2.74
		velocity	5.08	9.62	10.42	10.87	10.99	11.24	10.99	10.99	10.87	10.42	9.62	50.5	7.56	11.03	10.95
Zhang Haijian (CHN) (2002)		time	1.95	2.99	3.97	4.87	5.77	6.69	7.62	8.56	9.54	10.56	10.56	6 / 2			
reaction time	0.144	interval		1.04	0.98	0.90	0.90	0.92	0.93	0.94	0.98	1.02		# of strides	3.97	2.72	2.85
		velocity	5.13	9.62	10.20	11.11	11.11	10.87	10.75	10.64	10.20	9.80	9.47	47.7	7.56	11.03	10.53
Hou Shaoqing (CHN) (1999)		time	1.93	3.01	3.97	4.91	5.84	6.77	7.70	8.64	9.59	10.58	10.58	5 / 3			
reaction time	0.158	interval		1.08	0.96	0.94	0.93	0.93	0.93	0.94	0.95	0.99		# of strides	3.97	2.80	2.82
		velocity	5.18	9.26	10.42	10.64	10.75	10.75	10.75	10.64	10.53	10.10	9.45	45.5	7.56	10.71	10.64
Cui Sen (CHN) (2004)		time	2.01	3.09	4.07	5.03	5.94	6.86	7.79	8.74	9.69	10.71	10.71	7 / 4			
reaction time	0.192	interval		1.08	0.98	0.96	0.91	0.92	0.93	0.95	0.95	1.02		# of strides	4.07	2.79	2.83
		velocity	4.98	9.26	10.20	10.42	10.99	10.87	10.75	10.53	10.53	9.80	9.34	49.0	7.37	10.75	10.60

Semi-Final 2

date 26-Apr-23 wind 1.7 m/s

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Chang Ji (CHN) (2003)		time	1.97	3.07	4.07	5.03	5.96	6.87	7.80	8.72	9.68	10.62	10.62	7 / 1			
reaction time	0.141	interval		1.10	1.00	0.96	0.93	0.91	0.93	0.92	0.96	0.94		# of strides	4.07	2.80	2.81
		velocity	5.08	9.09	10.00	10.42	10.75	10.99	10.75	10.87	10.42	10.64	9.42	48.5	7.37	10.71	10.68
Sun Qingchi (CHN) (2000)		time	2.02	3.15	4.17	5.10	6.04	6.96	7.84	8.77	9.71	10.65	10.65	4 / 2			
reaction time	0.154	interval		1.13	1.02	0.93	0.94	0.92	0.88	0.93	0.94	0.94		# of strides	4.17	2.79	2.75
		velocity	4.95	8.85	9.80	10.75	10.64	10.87	11.36	10.75	10.64	10.64	9.39	47.0	7.19	10.75	10.91
Song Xinlong (CHN) (2000)		time	1.99	3.08	4.09	5.04	5.97	6.91	7.84	8.80	9.76	10.74	10.74	2 / 3			
reaction time	0.174	interval		1.09	1.01	0.95	0.93	0.94	0.93	0.96	0.96	0.98		# of strides	4.09	2.82	2.85
		velocity	5.03	9.17	9.90	10.53	10.75	10.64	10.75	10.42	10.42	10.20	9.31	51.2	7.33	10.64	10.53

Semi-Final 1

date 26-Apr-23 wind 1.7 m/s

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Suo Gaofei (CHN) (2001)		time	2.05	3.13	4.09	4.99	5.89	6.79	7.70	8.60	9.52	10.49	10.49	6 / 1			
reaction time	0.184	interval		1.08	0.96	0.90	0.90	0.90	0.91	0.90	0.92	0.97		# of strides	4.09	2.70	2.73
		velocity	4.88	9.26	10.42	11.11	11.11	11.11	10.99	11.11	10.87	10.31	9.53	46.2	7.33	11.11	10.99
Jiang Junpeng (CHN) (1999)		time	1.95	3.03	3.99	4.94	5.87	6.79	7.74	8.68	9.66	10.65	10.65	5 / 2			
reaction time	0.163	interval		1.08	0.96	0.95	0.93	0.92	0.95	0.94	0.98	0.99		# of strides	3.99	2.80	2.87

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
		velocity	5.13	9.26	10.42	10.53	10.75	10.87	10.53	10.64	10.20	10.10	9.39	47.0	7.52	10.71	10.45

Heat 6

date 26-Apr-23 wind -1.2 m/s *Shandong Athletics Sport Science (2023)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Suo Gaofei (CHN) (2001)		time	2.03	3.11	4.10	5.02	5.95	6.89	7.80	8.72	9.67	10.64	10.64	7 / 1			
reaction time	0.176	interval		1.08	0.99	0.92	0.93	0.94	0.91	0.92	0.95	0.97		# of strides	4.10	2.79	2.78
		velocity	4.93	9.26	10.10	10.87	10.75	10.64	10.99	10.87	10.53	10.31	9.40	46.5	7.32	10.75	10.79
Qiao Jichao (CHN) (2006)		time	2.03	3.13	4.15	5.12	6.10	7.04	8.01	8.97	9.95	10.95	10.95	9 / 4			
reaction time	0.170	interval		1.10	1.02	0.97	0.98	0.94	0.97	0.96	0.98	1.00		# of strides	4.15	2.89	2.91
		velocity	4.93	9.09	9.80	10.31	10.20	10.64	10.31	10.42	10.20	10.00	9.13	49.0	7.23	10.38	10.31

Heat 5

date 26-Apr-23 wind -0.4 m/s *Shandong Athletics Sport Science (2023)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shengjie (CHN) (2000)		time	1.92	2.98	3.95	4.89	5.82	6.73	7.65	8.57	9.51	10.54	10.54	4 / 1			
reaction time	0.147	interval		1.06	0.97	0.94	0.93	0.91	0.92	0.92	0.94	1.03		# of strides	3.95	2.78	2.78
		velocity	5.21	9.43	10.31	10.64	10.75	10.99	10.87	10.87	10.64	9.71	9.49	51.0	7.59	10.79	10.79
Song Xinlong (CHN) (2000)		time	1.94	3.01	3.99	4.94	5.90	6.83	7.79	8.74	9.72	10.81	10.81	8 / 4			
reaction time	0.144	interval		1.07	0.98	0.95	0.96	0.93	0.96	0.95	0.98	1.09		# of strides	3.99	2.84	2.89
		velocity	5.15	9.35	10.20	10.53	10.42	10.75	10.42	10.53	10.20	9.17	9.25	51.0	7.52	10.56	10.38

Heat 3

date 26-Apr-23 wind -1.6 m/s *Shandong Athletics Sport Science (2023)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cui Sen (CHN) (2004)		time	2.00	3.09	4.11	5.09	6.02	6.99	7.94	8.89	9.89	10.92	10.92	5 / 2			
reaction time	0.169	interval		1.09	1.02	0.98	0.93	0.97	0.95	0.95	1.00	1.03		# of strides	4.11	2.88	2.90
		velocity	5.00	9.17	9.80	10.20	10.75	10.31	10.53	10.53	10.00	9.71	9.16	50.2	7.30	10.42	10.34
Gong Junbo (CHN) (2006)		time	2.05	3.16	4.22	5.22	6.21	7.19	8.17	9.16	10.18	11.23	11.23	8 / 7			
reaction time	0.175	interval		1.11	1.06	1.00	0.99	0.98	0.98	0.99	1.02	1.05		# of strides	4.22	2.97	2.99
		velocity	4.88	9.01	9.43	10.00	10.10	10.20	10.20	10.10	9.80	9.52	8.90	48.7	7.11	10.10	10.03

Heat 2

date 26-Apr-23 wind -0.4 m/s *Shandong Athletics Sport Science (2023)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sun Qingchi (CHN) (2000)		time	1.96	3.06	4.07	5.01	5.94	6.85	7.77	8.69	9.59	10.54	10.54	5 / 1			
reaction time	0.139	interval		1.10	1.01	0.94	0.93	0.91	0.92	0.92	0.90	0.95		# of strides	4.07	2.78	2.74
		velocity	5.10	9.09	9.90	10.64	10.75	10.99	10.87	10.87	11.11	10.53	9.49	47.0	7.37	10.79	10.95
Wang Xinkai (CHN) (2004)		time	2.03	3.18	4.19	5.17	6.15	7.09	8.06	9.01	10.01	11.04	11.04	7 / 6			
reaction time	0.164	interval		1.15	1.01	0.98	0.98	0.94	0.97	0.95	1.00	1.03		# of strides	4.19	2.90	2.92
		velocity	4.93	8.70	9.90	10.20	10.20	10.64	10.31	10.53	10.00	9.71	9.06	49.2	7.16	10.34	10.27

Heat 1

date 26-Apr-23 wind 0.8 m/s *Shandong Athletics Sport Science (2023)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jiang Junpeng (CHN) (1999)		time	1.94	3.01	3.99	4.96	5.87	6.82	7.76	8.70	9.65	10.65	10.65	4 / 1			
reaction time	0.168	interval		1.07	0.98	0.97	0.91	0.95	0.94	0.94	0.95	1.00		# of strides	3.99	2.83	2.83
		velocity	5.15	9.35	10.20	10.31	10.99	10.53	10.64	10.64	10.53	10.00	9.39	47.0	7.52	10.60	10.60
Wang Chenwei (CHN) (2004)		time	1.99	3.09	4.14	5.14	6.12	7.07	8.05	9.04	10.06	11.11	11.11	2 / 8			
reaction time	0.143	interval		1.10	1.05	1.00	0.98	0.95	0.98	0.99	1.02	1.05		# of strides	4.14	2.93	2.99
		velocity	5.03	9.09	9.52	10.00	10.20	10.53	10.20	10.10	9.80	9.52	9.00	49.0	7.25	10.24	10.03

2023 Chinese Indoor National Championships (Tianjin, CHN)

Heat 4

date 16-Mar-23 *Shandong Athletics Sport Science (2023)*

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Deng Xinrui (CHN) (2003)		time	1.95	2.99	3.97	4.89	5.79	6.71	6.71	4 / 1			
reaction time	0.157	interval		1.04	0.98	0.92	0.90	0.92		# of strides	3.97	2.74	
		velocity	5.13	9.62	10.20	10.87	11.11	10.87	8.94	33.0	7.56	10.95	
Li Yanjing (CHN) (2000)		time	1.96	3.01	3.99	4.91	5.81	6.76	6.76	7 / 2			
reaction time	0.181	interval		1.05	0.98	0.92	0.90	0.95		# of strides	3.99	2.77	
		velocity	5.10	9.52	10.20	10.87	11.11	10.53	8.88	29.7	7.52	10.83	
Wang Weihao (CHN) (2001)		time	2.00	3.06	4.06	5.01	5.93	6.86	6.86	6 / 3			
reaction time	0.175	interval		1.06	1.00	0.95	0.92	0.93		# of strides	4.06	2.80	
		velocity	5.00	9.43	10.00	10.53	10.87	10.75	8.75	31.0	7.39	10.71	
Cui Sen (CHN) (2004)		time	2.00	3.10	4.12	5.06	6.01	6.94	6.94	2 / =6			
reaction time	0.194	interval		1.10	1.02	0.94	0.95	0.93		# of strides	4.12	2.82	
		velocity	5.00	9.09	9.80	10.64	10.53	10.75	8.65	31.0	7.28	10.64	

Heat 3

date 16-Mar-23 *Shandong Athletics Sport Science (2023)*

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Chen Guanfeng (CHN) (2000)		time	1.94	2.98	3.95	4.87	5.76	6.73	6.73	4 / 1			
reaction time	0.161	interval		1.04	0.97	0.92	0.89	0.97		# of strides	3.95	2.78	
		velocity	5.15	9.62	10.31	10.87	11.24	10.31	8.92	28.5	7.59	10.79	

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zhou Guojun (CHN) (2003)		time	1.95	3.02	4.02	4.94	5.88	6.82	6.82	3 / 2			
reaction time	0.189	interval		1.07	1.00	0.92	0.94	0.94		# of strides	4.02	2.80	
		velocity	5.13	9.35	10.00	10.87	10.64	10.64	8.80	29.0	7.46	10.71	
Liu Junchen (CHN) (2000)		time	2.04	3.10	4.08	5.01	5.92	6.88	6.88	6 / 3			
reaction time	0.188	interval		1.06	0.98	0.93	0.91	0.96		# of strides	4.08	2.80	
		velocity	4.90	9.43	10.20	10.75	10.99	10.42	8.72	32.0	7.35	10.71	
Song Xinlong (CHN) (2000)		time	2.01	3.08	4.08	5.02	5.96	6.92	6.92	5 / 5			
reaction time	0.185	interval		1.07	1.00	0.94	0.94	0.96		# of strides	4.08	2.84	
		velocity	4.98	9.35	10.00	10.64	10.64	10.42	8.67	32.5	7.35	10.56	

2023 Chinese Indoor Grand Prix II (Chengdu, CHN)

A FINAL

date 28-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Quan Yingrui (CHN) (1997)		time	1.97	2.98	3.94	4.85	5.77	6.69	6.69	4 / 1			
reaction time	0.161	interval		1.01	0.96	0.91	0.92	0.92		# of strides	3.94	2.75	
		velocity	5.08	9.90	10.42	10.99	10.87	10.87	8.97	29.7	7.61	10.91	
Li Wenjie (CHN) (1998)		time	1.88	2.95	3.92	4.84	5.79	6.72	6.72	6 / 2			
reaction time	0.127	interval		1.07	0.97	0.92	0.95	0.93	PB	# of strides	3.92	2.80	
		velocity	5.32	9.35	10.31	10.87	10.53	10.75	8.93	33.0	7.65	10.71	
Xuan Dajun (CHN) (1998)		time	1.95	2.98	3.97	4.90	5.82	6.76	6.76	2 / 3			
reaction time	0.160	interval		1.03	0.99	0.93	0.92	0.94		# of strides	3.97	2.79	
		velocity	5.13	9.71	10.10	10.75	10.87	10.64	8.88	30.2	7.56	10.75	
Wang Shengjie (CHN) (2000)		time	1.97	3.00	3.99	4.90	5.83	6.76	6.76	5 / 4			
reaction time	0.153	interval		1.03	0.99	0.91	0.93	0.93		# of strides	3.99	2.77	
		velocity	5.08	9.71	10.10	10.99	10.75	10.75	8.88	32.0	7.52	10.83	

B FINAL

date 28-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jiang Junpeng (CHN) (1999)		time	2.00	3.03	4.00	4.95	5.89	6.84	6.84	2 / 4			
reaction time	0.173	interval		1.03	0.97	0.95	0.94	0.95	=PB	# of strides	4.00	2.84	
		velocity	5.00	9.71	10.31	10.53	10.64	10.53	8.77	30.2	7.50	10.56	

Heat 11

date 28-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gong Junbo (CHN) (2006)		time	2.17	3.32	4.38	5.37	6.37	7.38	7.38	1 / 5			
reaction time	0.216	interval		1.15	1.06	0.99	1.00	1.01		# of strides	4.38	3.00	
		velocity	4.61	8.70	9.43	10.10	10.00	9.90	8.13	31.0	6.85	10.00	

Heat 10

date 28-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Chenwei (CHN) (2004)		time	2.07	3.21	4.27	5.25	6.22	7.24	7.24	6 / 5			
reaction time	0.176	interval		1.14	1.06	0.98	0.97	1.02		# of strides	4.27	2.97	
		velocity	4.83	8.77	9.43	10.20	10.31	9.80	8.29	31.0	7.03	10.10	

Heat 9

date 28-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Qiao Jichao (CHN) (2006)		time	1.98	3.08	4.09	5.05	6.00	6.97	6.97	4 / 1			
reaction time	0.184	interval		1.10	1.01	0.96	0.95	0.97		# of strides	4.09	2.88	
		velocity	5.05	9.09	9.90	10.42	10.53	10.31	8.61	30.2	7.33	10.42	

Heat 8

date 28-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jiang Junpeng (CHN) (1999)		time	2.00	3.05	4.02	4.97	5.90	6.85	6.85	2 / 2			
reaction time	0.171	interval		1.05	0.97	0.95	0.93	0.95		# of strides	4.02	2.83	
		velocity	5.00	9.52	10.31	10.53	10.75	10.53	8.76	30.0	7.46	10.60	

Heat 6

date 28-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cui Sen (CHN) (2004)		time	2.04	3.15	4.14	5.07	6.00	6.94	6.94	6 / 4			
reaction time	0.201	interval		1.11	0.99	0.93	0.93	0.94		# of strides	4.14	2.80	
		velocity	4.90	9.01	10.10	10.75	10.75	10.64	8.65	31.7	7.25	10.71	

Heat 5

date 28-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Song Xinlong (CHN) (2000)		time	2.00	3.07	4.05	5.02	5.97	6.93	6.93	5 / 3			
reaction time	0.156	interval		1.07	0.98	0.97	0.95	0.96		# of strides	4.05	2.88	
		velocity	5.00	9.35	10.20	10.31	10.53	10.42	8.66	33.0	7.41	10.42	

Heat 4

date 28-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shengjie (CHN) (2000)		time	1.95	3.00	3.97	4.90	5.82	6.74	6.74	2 / 1			
reaction time	0.145	interval		1.05	0.97	0.93	0.92	0.92	=PB	# of strides	3.97	2.77	
		velocity	5.13	9.52	10.31	10.75	10.87	10.87	8.90	33.0	7.56	10.83	

2023 Chinese Indoor Grand Prix I (Chengdu, CHN)

B FINAL

date 25-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shengjie (CHN) (2000)		time	1.93	3.02	3.98	4.91	5.84	6.76	6.76	4 / 1			
reaction time	0.165	interval		1.09	0.96	0.93	0.93	0.92		# of strides	3.98	2.78	
		velocity	5.18	9.17	10.42	10.75	10.75	10.87	8.88	33.0	7.54	10.79	
Huang Youchao (CHN) (2005)		time	1.95	3.08	4.04	4.96	5.88	6.78	6.78	5 / 2			
reaction time	0.179	interval		1.13	0.96	0.92	0.92	0.90	PB	# of strides	4.04	2.74	
		velocity	5.13	8.85	10.42	10.87	10.87	11.11	8.85	31.0	7.43	10.95	
Zhong Zhihao (CHN) (2001)		time	1.95	3.07	4.04	4.96	5.88	6.81	6.81	6 / 3			
reaction time	0.172	interval		1.12	0.97	0.92	0.92	0.93		# of strides	4.04	2.77	
		velocity	5.13	8.93	10.31	10.87	10.87	10.75	8.81	32.0	7.43	10.83	

Heat 20

date 25-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Deng Xinrui (CHN) (2003)		time	1.91	2.98	3.94	4.84		6.65	6.65	5 / 1			
reaction time	0.164	interval		1.07	0.96	0.90		1.81	PB	# of strides	3.94	2.71	
		velocity	5.24	9.35	10.42	11.11		11.05	9.02		7.61	11.07	
Qiao Jichao (CHN) (2006)		time	1.99	3.10	4.14	5.12	6.12	7.15	7.15	4 / 4			
reaction time	0.199	interval		1.11	1.04	0.98	1.00	1.03		# of strides	4.14	3.01	
		velocity	5.03	9.01	9.62	10.20	10.00	9.71	8.39	29.0	7.25	9.97	

Heat 19

date 25-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Song Xinlong (CHN) (2000)		time	1.96	3.02	4.00	4.95	5.89	6.82	6.82	3 / 1			
reaction time	0.175	interval		1.06	0.98	0.95	0.94	0.93	PB	# of strides	4.00	2.82	
		velocity	5.10	9.43	10.20	10.53	10.64	10.75	8.80	32.7	7.50	10.64	

Heat 14

date 25-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cui Sen (CHN) (2004)		time	2.00	3.10	4.10	5.03	5.94	6.89	6.89	6 / 1			
reaction time	0.160	interval		1.10	1.00	0.93	0.91	0.95		# of strides	4.10	2.79	
		velocity	5.00	9.09	10.00	10.75	10.99	10.53	8.71	31.7	7.32	10.75	

Heat 12

date 25-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Chenwei (CHN) (2004)		time	2.02	3.17	4.22	5.20	6.16	7.16	7.16	1 / 4			
reaction time	0.157	interval		1.15	1.05	0.98	0.96	1.00		# of strides	4.22	2.94	
		velocity	4.95	8.70	9.52	10.20	10.42	10.00	8.38	31.0	7.11	10.20	

Heat 10

date 25-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Li Ll (CHN) (2002)		time	2.00	3.06	4.06	5.01	5.94	6.91	6.91	2 / 1			
reaction time	0.155	interval		1.06	1.00	0.95	0.93	0.97		# of strides	4.06	2.85	
		velocity	5.00	9.43	10.00	10.53	10.75	10.31	8.68	30.0	7.39	10.53	

Heat 8

date 25-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shengjie (CHN) (2000)		time	1.93	3.00	3.99	4.92	5.86	6.79	6.79	1 / 1			
reaction time	0.157	interval		1.07	0.99	0.93	0.94	0.93		# of strides	3.99	2.80	
		velocity	5.18	9.35	10.10	10.75	10.64	10.75	8.84	33.0	7.52	10.71	
Gong Junbo (CHN) (2006)		time	2.13	3.28	4.39	5.47	6.54	7.72	7.72	2 / 6			
reaction time	0.209	interval		1.15	1.11	1.08	1.07	1.18		# of strides	4.39	3.33	
		velocity	4.69	8.70	9.01	9.26	9.35	8.47	7.77	30.0	6.83	9.01	

Heat 2

date 25-Feb-23

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Liu Suyi (CHN) (1998)		time	2.14	3.30	4.37	5.39	6.44	7.48	6.69	1 / 1			
reaction time	0.170	interval		1.16	1.07	1.02	1.05	1.04	PB	# of strides	4.37	3.11	
		velocity	4.67	8.62	9.35	9.80	9.52	9.62	8.97	29.0	6.86	9.65	
Jiang Junpeng (CHN) (1999)		time	2.15	3.33	4.42	5.49	6.57	7.68	6.93	4 / 2			
reaction time	0.172	interval		1.18	1.09	1.07	1.08	1.11		# of strides	4.42	3.26	
		velocity	4.65	8.47	9.17	9.35	9.26	9.01	8.66	30.7	6.79	9.20	

2022 Weltklasse (Zürich, SUI)

FINAL

date 08-Sep-22 wind -0.3 m/s

Omega Timing (2022) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bromell, Trayvon (USA) (1995)		time		2.89		4.72		6.45		8.18		9.94	9.94	5 / 1			
reaction time	0.147	interval				1.83		1.73		1.73		1.76		# of strides			
		velocity		6.92		10.93		11.56		11.56		11.36	10.06	48.5			
Blake, Yohan (JAM) (1989)		time		2.95		4.78		6.52		8.27		10.05	10.05	4 / 2			
reaction time	0.187	interval				1.83		1.74		1.75		1.78		# of strides			
		velocity		6.78		10.93		11.49		11.43		11.24	9.95	45.0			
Brown, Aaron (CAN) (1992)		time		2.94		4.80		6.57		8.31		10.06	10.06	8 / 3			
reaction time	0.162	interval				1.86		1.77		1.74		1.75		# of strides			
		velocity		6.80		10.75		11.30		11.49		11.43	9.94	47.0			
Simbine, Akani (RSA) (1993)		time		2.97		4.81		6.56		8.30		10.07	10.07	3 / 4			
reaction time	0.142	interval				1.84		1.75		1.74		1.77		# of strides			
		velocity		6.73		10.87		11.43		11.49		11.30	9.93	47.0			
Abeykoon, Yupun (SRI) (1994)		time		2.98		4.83		6.58		8.34		10.14	10.14	1 / 5			
reaction time	0.137	interval				1.85		1.75		1.76		1.80		# of strides			
		velocity		6.71		10.81		11.43		11.36		11.11	9.86	43.5			
Prescod, Reece (GBR) (1996)		time		3.00		4.86		6.62		8.37		10.16	10.16	6 / 6			
reaction time	0.165	interval				1.86		1.76		1.75		1.79		# of strides			
		velocity		6.67		10.75		11.36		11.43		11.17	9.84	43.2			
King, Kyree (USA) (1994)		time		2.98		4.84		6.61		8.38		10.18	10.18	7 / 7			
reaction time	0.151	interval				1.86		1.77		1.77		1.80		# of strides			
		velocity		6.71		10.75		11.30		11.30		11.11	9.82	47.2			
de Grasse, André (CAN) (1994)		time		3.02		4.89		6.65		8.41		10.21	10.21	2 / 8			
reaction time	0.137	interval				1.87		1.76		1.76		1.80		# of strides			
		velocity		6.62		10.70		11.36		11.36		11.11	9.79	46.2			

2022 Shandong Provincial Games (Rizhao, CHN)

U20 FINAL

date 30-Aug-22 wind -0.1 m/s

Shandong Athletics Sport Science (2022)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Xinkai (CHN) (2004)		time	1.97	3.04	4.02	4.96	5.88	6.79	7.71	8.62	9.56	10.51	10.51	5 / 1			
reaction time	0.173	interval		1.07	0.98	0.94	0.92	0.91	0.92	0.91	0.94	0.95	PB	# of strides	4.02	2.77	2.77
		velocity	5.08	9.35	10.20	10.64	10.87	10.99	10.87	10.99	10.64	10.53	9.51	47.2	7.46	10.83	10.83
Li Wenhao (CHN) (2004)		time	2.02	3.11	4.11	5.03	5.96	6.88	7.78	8.73	9.69	10.65	10.65	3 / 2			
reaction time	0.218	interval		1.09	1.00	0.92	0.93	0.92	0.90	0.95	0.96	0.96		# of strides	4.11	2.77	2.81
		velocity	4.95	9.17	10.00	10.87	10.75	10.87	11.11	10.53	10.42	10.42	9.39	47.5	7.30	10.83	10.68
Cui Sen (CHN) (2004)		time	1.99	3.06	4.04	4.98	5.90	6.84	7.78	8.76	9.73	10.72	10.72	4 / 3			
reaction time	0.173	interval		1.07	0.98	0.94	0.92	0.94	0.94	0.98	0.97	0.99		# of strides	4.04	2.80	2.89
		velocity	5.03	9.35	10.20	10.64	10.87	10.64	10.64	10.20	10.31	10.10	9.33	49.5	7.43	10.71	10.38
Liu Zixu (CHN)		time	2.04	3.09	4.09	5.03	6.00	6.92	7.84	8.79	9.76	10.75	10.75	6 / 4			
reaction time	0.186	interval		1.05	1.00	0.94	0.97	0.92	0.92	0.95	0.97	0.99		# of strides	4.09	2.83	2.84
		velocity	4.90	9.52	10.00	10.64	10.31	10.87	10.87	10.53	10.31	10.10	9.30	46.0	7.33	10.60	10.56
Ning Xuhao (CHN)		time	2.04	3.12	4.10	5.04	5.98	6.93	7.85	8.81	9.79	10.80	10.80	8 / 5			
reaction time	0.189	interval		1.08	0.98	0.94	0.94	0.95	0.92	0.96	0.98	1.01		# of strides	4.10	2.83	2.86
		velocity	4.90	9.26	10.20	10.64	10.64	10.53	10.87	10.42	10.20	9.90	9.26	47.0	7.32	10.60	10.49
Zhang Baozhou (CHN) (2004)		time	2.05	3.08	4.07	5.06	5.98	6.89	7.84	8.83	9.84	10.94	10.94	7 / 6			
reaction time	0.212	interval		1.03	0.99	0.99	0.92	0.91	0.95	0.99	1.01	1.10		# of strides	4.07	2.82	2.95
		velocity	4.88	9.71	10.10	10.10	10.87	10.99	10.53	10.10	9.90	9.09	9.14	47.2	7.37	10.64	10.17
Wang Shaobo (CHN)		time	2.02	3.13	4.14	5.10	6.07	7.01	7.97	8.96	9.94	10.98	10.98	1 / 7			
reaction time	0.198	interval		1.11	1.01	0.96	0.97	0.94	0.96	0.99	0.98	1.04		# of strides	4.14	2.87	2.93
		velocity	4.95	9.01	9.90	10.42	10.31	10.64	10.42	10.10	10.20	9.62	9.11	48.0	7.25	10.45	10.24
Chen Xinyu (CHN) (2004)		time	2.09	3.22	4.24	5.22	6.20	7.12	8.07	9.03	10.01	11.00	11.00	2 / 8			
reaction time	0.207	interval		1.13	1.02	0.98	0.98	0.92	0.95	0.96	0.98	0.99		# of strides	4.24	2.88	2.89
		velocity	4.78	8.85	9.80	10.20	10.20	10.87	10.53	10.42	10.20	10.10	9.09	49.0	7.08	10.42	10.38

U18 FINAL

date 30-Aug-22 wind -0.1 m/s

Shandong Athletics Sport Science (2022)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Meng Desheng (CHN) (2006)		time	2.10	3.20	4.20	5.16	6.12	7.06	8.01	8.96	9.93	10.89	10.89	4 / 1			
reaction time	0.195	interval		1.10	1.00	0.96	0.96	0.94	0.95	0.95	0.97	0.96		# of strides	4.20	2.86	2.87
		velocity	4.76	9.09	10.00	10.42	10.42	10.64	10.53	10.53	10.31	10.42	9.18	48.7	7.14	10.49	10.45
Qiao Jichao (CHN) (2006)		time	2.02	3.11	4.12	5.09	6.05	7.00	7.96	8.93	9.91	10.92	10.92	3 / 2			

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

reaction time	0.174	interval		1.09	1.01	0.97	0.96	0.95	0.96	0.97	0.98	1.01		# of strides	4.12	2.88	2.91
		velocity	4.95	9.17	9.90	10.31	10.42	10.53	10.42	10.31	10.20	9.90	9.16	49.0	7.28	10.42	10.31
Gong Junbo (CHN) (2006)		time	2.12	3.22	4.25	5.26	6.22	7.17	8.15	9.13	10.11	11.12	11.12	6 / 3			
reaction time	0.197	interval		1.10	1.03	1.01	0.96	0.95	0.98	0.98	0.98	1.01		# of strides	4.25	2.92	2.94
		velocity	4.72	9.09	9.71	9.90	10.42	10.53	10.20	10.20	10.20	9.90	8.99	48.0	7.06	10.27	10.20
Jiang Chunyang (CHN) (2006)		time	2.02	3.09	4.12	5.09	6.08	7.07	8.07	9.09	10.16	11.20	11.20	5 / 4			
reaction time	0.168	interval		1.07	1.03	0.97	0.99	0.99	1.00	1.02	1.07	1.04		# of strides	4.12	2.95	3.09
		velocity	4.95	9.35	9.71	10.31	10.10	10.10	10.00	9.80	9.35	9.62	8.93	46.0	7.28	10.17	9.71
Wang Zhaojun (CHN)		time	1.98	3.10	4.14	5.13	6.12	7.10	8.10	9.13	10.16	11.20	11.20	8 / 5			
reaction time	0.190	interval		1.12	1.04	0.99	0.99	0.98	1.00	1.03	1.03	1.04		# of strides	4.14	2.96	3.06
		velocity	5.05	8.93	9.62	10.10	10.10	10.20	10.00	9.71	9.71	9.62	8.93	50.0	7.25	10.14	9.80
Yan Shisong (CHN)		time	1.97	3.10	4.12	5.13	6.10	7.09	8.12	9.16	10.21	11.27	11.27	1 / 6			
reaction time	0.186	interval		1.13	1.02	1.01	0.97	0.99	1.03	1.04	1.05	1.06		# of strides	4.12	2.97	3.12
		velocity	5.08	8.85	9.80	9.90	10.31	10.10	9.71	9.62	9.52	9.43	8.87	49.7	7.28	10.10	9.62
Wu Bowen (CHN) (2006)		time	1.97	3.09	4.10	5.11	6.10	7.12	8.14	9.18	10.23	11.30	11.30	7 / 7			
reaction time	0.182	interval		1.12	1.01	1.01	0.99	1.02	1.02	1.04	1.05	1.07		# of strides	4.10	3.02	3.11
		velocity	5.08	8.93	9.90	9.90	10.10	9.80	9.80	9.62	9.52	9.35	8.85	51.2	7.32	9.93	9.65
Wang Fujie (CHN) (2006)		time	2.10	3.27	4.38	5.44	6.55						12.13	2 / 8			
reaction time	0.172	interval		1.17	1.11	1.06	1.11							# of strides	4.38		
		velocity	4.76	8.55	9.01	9.43	9.01						8.24		6.85		

U20 Semi-Final 1

date 30-Aug-22 wind 0.0 m/s *Shandong Athletics Sport Science (2022)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Xinkai (CHN) (2004)		time	2.02	3.09	4.07	5.04	5.97	6.89	7.83	8.75	9.70	10.66	10.66	6 /1			
reaction time	0.196	interval		1.07	0.98	0.97	0.93	0.92	0.94	0.92	0.95	0.96	PB	# of strides	4.07	2.82	2.81
		velocity	4.95	9.35	10.20	10.31	10.75	10.87	10.64	10.87	10.53	10.42	9.38	47.2	7.37	10.64	10.68

2022 European Athletics Championships (München, GER)

FINAL

date 16-Aug-22 wind 0.1 m/s

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jacobs, Lamont Marcell (ITA) (199	0.153	no information available									=CR	9.95	6 / 1	# of strides	44.5	
Hughes, Zharnel (GBR) (1995)	0.135	no information available										9.99	3 / 2	# of strides	46.0	
Azu, Jeremiah (GBR) (2001)	0.140	no information available									PB	10.13	8 / 3	# of strides	46.0	
Volko, Ján (SVK) (1996)	0.163	no information available										10.16	1 / 4	# of strides	48.5	
Fall, Mouhamadou (FRA) (1992)	0.157	no information available										10.17	2 / 5	# of strides	44.7	
Olatunde, Israel (IRL) (2002)	0.152	no information available									NR PB	10.17	7 / 6	# of strides	46.0	
Prescod, Reece (GBR) (1996)	0.156	no information available										10.18	5 / 7	# of strides	43.7	
Ali, Chituru (ITA) (1999)	0.141	no information available										10.28	4 / 8	# of strides	41.2	

2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)

FINAL

date 06-Aug-22 wind -0.7 m/s *Omega Timing (2022) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bromell, Trayvon (USA) (1995)		time		2.89		4.73		6.47		8.19		9.95	9.95	4 / 1			
reaction time	0.138	interval				1.84		1.74		1.72		1.76		# of strides			
		velocity		6.92		10.87		11.49		11.63		11.36	10.05	47.7			
Bracy, Marvin (USA) (1993)		time		2.90		4.73		6.46		8.20		10.00	10.00	6 / 2			
reaction time	0.130	interval				1.83		1.73		1.74		1.80		# of strides			
		velocity		6.90		10.93		11.56		11.49		11.11	10.00	47.7			
Blake, Ackeem (JAM) (2002)		time		2.92		4.75		6.46		8.22		10.00	10.00	1 / 3			
reaction time	0.159	interval				1.83		1.71		1.76		1.78		# of strides			
		velocity		6.85		10.93		11.70		11.36		11.24	10.00	46.0			
Coleman, Christian (USA) (1996)		time		2.90		4.74		6.50		8.28		10.13	10.13	5 / 4			
reaction time	0.132	interval				1.84		1.76		1.78		1.85		# of strides			
		velocity		6.90		10.87		11.36		11.24		10.81	9.87	47.7			
Blake, Yohan (JAM) (1989)		time		2.93		4.79		6.55		8.31		10.13	10.13	3 / 5			
reaction time	0.148	interval				1.86		1.76		1.76		1.82		# of strides			
		velocity		6.83		10.75		11.36		11.36		10.99	9.87	46.5			
Hall, Elijah (USA) (1994)		time		3.00		4.86		6.61		8.35		10.14	10.14	2 / 6			
reaction time	0.119	interval				1.86		1.75		1.74		1.79		# of strides			
		velocity		6.67		10.75		11.43		11.49		11.17	9.86	47.2			
Sani Brown, Abdul Hakim (JPN) (1		time		2.93		4.78		6.54		8.31		10.15	10.15	8 / 7			
reaction time	0.155	interval				1.85		1.76		1.77		1.84		# of strides			
		velocity		6.83		10.81		11.36		11.30		10.87	9.85	44.0			

Simbine, Akani (RSA) (1993)	time	2.99	4.88	6.65	8.41	10.21	10.21	7 / 8		
reaction time 0.120	interval		1.89	1.77	1.76	1.80		# of strides		
	velocity	6.69	10.58	11.30	11.36	11.11	9.79	47.2		
King, Kyree (USA) (1994)	time	3.00	4.88	6.66	8.45	10.29	10.29	9 / 9		
reaction time 0.174	interval		1.88	1.78	1.79	1.84		# of strides		
	velocity	6.67	10.64	11.24	11.17	10.87	9.72	48.0		

2022 Japanese National High School Championships (Naruto, JPN)

FINAL date 04-Aug-22 wind -0.6 m/s *Kishima (2022) - national high school championships biomechanics data collection*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sekiguchi, Yuta (JPN) (2004)	time	1.86	2.94	3.91	4.83	5.74	6.65	7.57	8.49	9.42	10.38	10.38	6 / 1			
reaction time 0.157	interval		1.08	0.97	0.92	0.91	0.91	0.92	0.92	0.93	0.96	PB	# of strides	3.91	2.74	2.77
	velocity	5.38	9.26	10.31	10.87	10.99	10.99	10.87	10.87	10.75	10.42	9.63	48.0	7.67	10.95	10.83
Tachibana, Kouei (JPN) (2004)	time	1.89	2.98	3.96	4.90	5.83	6.75	7.68	8.61	9.57	10.54	10.54	4 / 2			
reaction time 0.139	interval		1.09	0.98	0.94	0.93	0.92	0.93	0.93	0.96	0.97	=PB	# of strides	3.96	2.79	2.82
	velocity	5.29	9.17	10.20	10.64	10.75	10.87	10.75	10.75	10.42	10.31	9.49	48.7	7.58	10.75	10.64
Ekejunia, Ruo (JPN) (2004)	time	1.93	3.03	4.02	4.95	5.87	6.78	7.70	8.63	9.57	10.54	10.54	5 / 3			
reaction time 0.141	interval		1.10	0.99	0.93	0.92	0.91	0.92	0.93	0.94	0.97		# of strides	4.02	2.76	2.79
	velocity	5.18	9.09	10.10	10.75	10.87	10.99	10.87	10.75	10.64	10.31	9.49	49.0	7.46	10.87	10.75
Kojima, Takuma (JPN) (2004)	time	1.90	2.99	3.97	4.92	5.85	6.78	7.71	8.65	9.60	10.57	10.57	7 / 4			
reaction time 0.150	interval		1.09	0.98	0.95	0.93	0.93	0.93	0.94	0.95	0.97		# of strides	3.97	2.81	2.82
	velocity	5.26	9.17	10.20	10.53	10.75	10.75	10.75	10.64	10.53	10.31	9.46	50.2	7.56	10.68	10.64
Kuroki, Kaito (JPN) (2005)	time	1.89	2.99	3.99	4.94	5.88	6.81	7.75	8.71	9.68	10.67	10.67	3 / 5			
reaction time 0.149	interval		1.10	1.00	0.95	0.94	0.93	0.94	0.96	0.97	0.99		# of strides	3.99	2.82	2.87
	velocity	5.29	9.09	10.00	10.53	10.64	10.75	10.64	10.42	10.31	10.10	9.37	48.5	7.52	10.64	10.45
Tsurumaki, Yota (JPN) (2005)	time	1.91	3.02	4.02	4.98	5.92	6.86	7.80	8.75	9.71	10.70	10.70	9 / 6			
reaction time 0.150	interval		1.11	1.00	0.96	0.94	0.94	0.94	0.95	0.96	0.99		# of strides	4.02	2.84	2.85
	velocity	5.24	9.01	10.00	10.42	10.64	10.64	10.64	10.53	10.42	10.10	9.35	47.7	7.46	10.56	10.53
Tamura, Riki (JPN) (2004)	time	1.89	3.00	4.00	4.95	5.90	6.84	7.78	8.74	9.72	10.71	10.71	8 / 7			
reaction time 0.126	interval		1.11	1.00	0.95	0.95	0.94	0.94	0.96	0.98	0.99		# of strides	4.00	2.84	2.88
	velocity	5.29	9.01	10.00	10.53	10.53	10.64	10.64	10.42	10.20	10.10	9.34	47.5	7.50	10.56	10.42
Senda, Mizuki (JPN) (2004)	time	1.93	3.05	4.06	5.02	5.97	6.91	7.85	8.80	9.77	10.75	10.75	2 / 8			
reaction time 0.131	interval		1.12	1.01	0.96	0.95	0.94	0.94	0.95	0.97	0.98		# of strides	4.06	2.85	2.86
	velocity	5.18	8.93	9.90	10.42	10.53	10.64	10.64	10.53	10.31	10.20	9.30	48.0	7.39	10.53	10.49

2022 Commonwealth Games (Birmingham, GBR)

FINAL date 03-Aug-22 wind -0.9 m/s *Longines Timing (2022) - commonwealth games race analysis*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Omanyala, Ferdinand (KEN) (1996)	time		2.9		4.7		6.4		8.2		10.02	10.02	3 / 1			
reaction time	interval				1.80		1.70		1.80		1.82		# of strides			
	velocity		6.90		11.11		11.76		11.11		10.99	9.98	48.7			
Simbine, Akani (RSA) (1993)	time		2.9		4.8		6.6		8.2		10.13	10.13	4 / 2			
reaction time	interval				1.90		1.80		1.60		1.93		# of strides			
	velocity		6.90		10.53		11.11		12.50		10.36	9.87	48.7			
Abeykoon, Yupun (SRI) (1994)	time		2.9		4.8		6.5		8.3		10.14	10.14	2 / 3			
reaction time	interval				1.90		1.70		1.80		1.84		# of strides			
	velocity		6.90		10.53		11.76		11.11		10.87	9.86	43.7			
Azamati, Benjamin (GHA) (1998)	time		3.0		4.8		6.6		8.3		10.16	10.16	1 / 4			
reaction time	interval				1.80		1.80		1.70		1.86		# of strides			
	velocity		6.67		11.11		11.11		11.76		10.75	9.84	47.0			
Azu, Jeremiah (GBR) (2001)	time		2.9		4.8		6.6		8.3		10.19	10.19	7 / 5			
reaction time	interval				1.90		1.80		1.70		1.89		# of strides			
	velocity		6.90		10.53		11.11		11.76		10.58	9.81	48.0			
Browning, Rohan (AUS) (1997)	time		2.9		4.7		6.5		8.3		10.20	10.20	8 / 6			
reaction time	interval				1.80		1.80		1.80		1.90		# of strides			
	velocity		6.90		11.11		11.11		11.11		10.53	9.80	46.7			
Eseme, Emmanuel (CMR) (1993)	time		3.0		4.9		6.6		8.4		10.24	10.24	5 / 7			
reaction time	interval				1.90		1.70		1.80		1.84		# of strides			
	velocity		6.67		10.53		11.76		11.11		10.87	9.77	44.7			
Mitchell-Blake, Nethaneel (GBR) (	time		3.0		5.0		6.8		8.7		11.10	11.10	6 / 8			
reaction time	interval				2.00		1.80		1.90		2.40		# of strides			

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
	velocity		6.67		10.00		11.11		10.53		8.33	9.01	45.0			

Semi-Final 3

date 03-Aug-22 wind 0.4 m/s

Longines Timing (2022) - commonwealth games race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Mitchell-Blake, Nethaneel (GBR) (	time		2.9		4.8		6.5		8.3		10.13	10.13	8 / 1			
reaction time 0.154	interval				1.90		1.70		1.80		1.83		# of strides			
	velocity		6.90		10.53		11.76		11.11		10.93	9.87	45.0			
Azu, Jeremiah (GBR) (2001)	time		2.9		4.8		6.5		8.3		10.15	10.15	1 / 2			
reaction time 0.153	interval				1.90		1.70		1.80		1.85	PB	# of strides			
	velocity		6.90		10.53		11.76		11.11		10.81	9.85	47.0			
Azamati, Benjamin (GHA) (1998)	time		2.9		4.8		6.6		8.3		10.18	10.18	6 / 3			
reaction time 0.180	interval				1.90		1.80		1.70		1.88		# of strides			
	velocity		6.90		10.53		11.11		11.76		10.64	9.82	47.2			
Abeykoon, Yupun (SRI) (1994)	time		2.9		4.8		6.5		8.3		10.20	10.20	7 / 4			
reaction time 0.149	interval				1.90		1.70		1.80		1.90		# of strides			
	velocity		6.90		10.53		11.76		11.11		10.53	9.80	44.0			
Thethere, Stephen (KEN) (1992)	time		2.9		4.8		6.6		8.4		10.24	10.24	4 / 5			
reaction time 0.136	interval				1.90		1.80		1.80		1.84		# of strides			
	velocity		6.90		10.53		11.11		11.11		10.87	9.77	49.5			
Hainuca, Gilbert (NAM) (1994)	time		3.0		4.9		6.6		8.4		10.29	10.29	2 / 6			
reaction time 0.143	interval				1.90		1.70		1.80		1.89		# of strides			
	velocity		6.67		10.53		11.76		11.11		10.58	9.72	48.7			
Ekevwo, Raymond (NGR) (1999)	time		2.9		4.8		6.6		8.4		10.36	10.36	5 / 7			
reaction time 0.142	interval				1.90		1.80		1.80		1.96		# of strides			
	velocity		6.90		10.53		11.11		11.11		10.20	9.65	46.0			
Benjamin, Kion (TTO) (2000)	time		2.9		4.8		6.7		8.5		10.43	10.43	9 / 8			
reaction time 0.141	interval				1.90		1.90		1.80		1.93		# of strides			
	velocity		6.90		10.53		10.53		11.11		10.36	9.59	48.0			
Charles, Stephan (LCA) (1997)	time		3.0		4.9		6.8		8.6		10.53	10.53	3 / 9			
reaction time 0.136	interval				1.90		1.90		1.80		1.93		# of strides			
	velocity		6.67		10.53		10.53		11.11		10.36	9.50	51.0			

Semi-Final 2

date 03-Aug-22 wind -1.2 m/s

Longines Timing (2022) - commonwealth games race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Omanyala, Ferdinand (KEN) (1996	time		2.9		4.7		6.5		8.2		10.02	10.02	5 / 1			
reaction time 0.144	interval				1.80		1.80		1.70		1.82		# of strides			
	velocity		6.90		11.11		11.11		11.76		10.99	9.98	48.0			
Eseme, Emmanuel (CMR) (1993)	time		3.0		4.8		6.6		8.3		10.14	10.14	6 / 2			
reaction time 0.172	interval				1.80		1.80		1.70		1.84		# of strides			
	velocity		6.67		11.11		11.11		11.76		10.87	9.86	45.0			
Ashe, Favour (NGR) (2002)	time		2.9		4.7		6.5		8.3		10.24	10.24	7 / 3			
reaction time 0.157	interval				1.80		1.80		1.80		1.94		# of strides			
	velocity		6.90		11.11		11.11		11.11		10.31	9.77	46.0			
Bailey-Cole, Kemar (JAM) (1992)	time		3.0		4.8		6.6		8.3		10.25	10.25	9 / 4			
reaction time 0.169	interval				1.80		1.80		1.70		1.95		# of strides			
	velocity		6.67		11.11		11.11		11.76		10.26	9.76	42.0			
Safo-Antwi, Sean (GHA) (1990)	time		2.9		4.8		6.6		8.4		10.36	10.36	2 / 5			
reaction time 0.129	interval				1.90		1.80		1.80		1.96		# of strides			
	velocity		6.90		10.53		11.11		11.11		10.20	9.65	48.0			
Elcock, Jerod (TTO) (1998)	time		2.9		4.8		6.6		8.5		10.38	10.38	4 / 6			
reaction time 0.124	interval				1.90		1.80		1.90		1.88		# of strides			
	velocity		6.90		10.53		11.11		10.53		10.64	9.63	48.2			
Thomas, Adam (GBR) (1995)	time		2.9		4.8		6.6		8.5		10.40	10.40	8 / 7			
reaction time 0.150	interval				1.90		1.80		1.90		1.90		# of strides			
	velocity		6.90		10.53		11.11		10.53		10.53	9.62	49.0			
Doran, Jake (AUS) (2000)	time		2.9		4.8		6.7		8.5		10.40	10.40	3 / 8			
reaction time 0.140	interval				1.90		1.90		1.80		1.90		# of strides			
	velocity		6.90		10.53		10.53		11.11		10.53	9.62	46.2			
Buntin, Nadale (SKN) (2000)	time		3.0		4.9		6.7		8.6		10.51	10.51	1 / 9			
reaction time 0.158	interval				1.90		1.80		1.90		1.91		# of strides			
	velocity		6.67		10.53		11.11		10.53		10.47	9.51	46.2			

Semi-Final 1

date 03-Aug-22 wind -0.2 m/s *Longines Timing (2022) - commonwealth games race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Simbine, Akani (RSA) (1993)		time		2.9		4.8		6.5		8.3		10.07	10.07	4 / 1			
reaction time 0.141		interval				1.90		1.70		1.80		1.77		# of strides			
		velocity		6.90		10.53		11.76		11.11		11.30	9.93	47.0			
Browning, Rohan (AUS) (1997)		time				4.8		6.5		8.3		10.17	10.17	7 / 2			
reaction time 0.134		interval						1.70		1.80		1.87		# of strides			
		velocity				8.33		11.76		11.11		10.70	9.83	46.5			
Edoburun, Ojie (GBR) (1996)		time		3.0		4.9		6.6		8.4		10.30	10.30	5 / 3			
reaction time 0.138		interval				1.90		1.70		1.80		1.90		# of strides			
		velocity		6.67		10.53		11.76		11.11		10.53	9.71	45.0			
Braithwaite, Rikkoi (IVB) (1999)		time				4.8		6.5		8.4		10.31	10.31	9 / 4			
reaction time 0.148		interval						1.70		1.90		1.91		# of strides			
		velocity				8.33		11.76		10.53		10.47	9.70	47.5			
Jones, Conroy (JAM) (2002)		time		2.9		4.8		6.6		8.4		10.33	10.33	6 / 5			
reaction time 0.154		interval				1.90		1.80		1.80		1.93		# of strides			
		velocity		6.90		10.53		11.11		11.11		10.36	9.68	49.0			
Archibald, Emanuel (GUY) (1994)		time		3.0		4.9		6.7		8.5		10.43	10.43	8 / 6			
reaction time 0.149		interval				1.90		1.80		1.80		1.93		# of strides			
		velocity		6.67		10.53		11.11		11.11		10.36	9.59	46.0			
Harrison, Eric (TTO) (1999)		time		3.0		4.9		6.7		8.5		10.44	10.44	2 / 7			
reaction time 0.172		interval				1.90		1.80		1.80		1.94		# of strides			
		velocity		6.67		10.53		11.11		11.11		10.31	9.58	51.0			
Green, Cejhae (ANT) (1995)		time		2.9		4.9		6.7		8.5		10.45	10.45	3 / 8			
reaction time 0.151		interval				2.00		1.80		1.80		1.95		# of strides			
		velocity		6.90		10.00		11.11		11.11		10.26	9.57	49.0			
Okeoghene, Brume (NGR) (2003)		time		3.0		4.9		6.7		8.6		10.52	10.52	1 / 9			
reaction time 0.147		interval				1.90		1.80		1.90		1.92		# of strides			
		velocity		6.67		10.53		11.11		10.53		10.42	9.51	46.0			

2022 World Athletics Championships (Eugene, OR)

FINAL

date 16-Jul-22 wind -0.1 m/s

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kerley, Fred (USA) (1995)	0.119	no information available										9.86	4 / 1		# of strides	43.0
Bracy, Marvin (USA) (1993)	0.118	no information available										9.88	3 / 2		# of strides	48.0
Bromell, Trayvon (USA) (1995)	0.110	no information available										9.88	8 / 3		# of strides	47.0
Seville, Oblique (JAM) (2001)	0.154	no information available										9.97	6 / 4		# of strides	49.0
Simbine, Akani (RSA) (1993)	0.129	no information available										10.01	5 / 5		# of strides	47.5
Coleman, Christian (USA) (1996)	0.104	no information available										10.01	7 / 6		# of strides	47.0
Sani Brown, Abdul Hakim (JPN) (1	0.147	no information available										10.06	1 / 7		# of strides	44.0
Brown, Aaron (CAN) (1992)	0.155	no information available										10.07	2 / 8		# of strides	47.7

2022 Shandong Athletics Games (Rizhao, CHN)

FINAL

date 14-Jul-22 wind -0.8 m/s *Shandong Athletics Sport Science (2022)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shengjie (CHN) (2000)	time	1.97	3.02	3.98	4.89	5.79	6.70	7.60	8.52	9.42	10.38	10.38	4 / 1			
reaction time	interval		1.05	0.96	0.91	0.90	0.91	0.90	0.92	0.90	0.96	**PB**	# of strides	3.98	2.72	2.72
	velocity	5.08	9.52	10.42	10.99	11.11	10.99	11.11	10.87	11.11	10.42	9.63	51.0	7.54	11.03	11.03
Wang Xinkai (CHN) (2004)	time	2.10	3.16	4.18	5.12	6.05	6.99	7.91	8.85	9.78	10.72	10.72	5 / 3			
reaction time	interval		1.06	1.02	0.94	0.93	0.94	0.92	0.94	0.93	0.94	**PB**	# of strides	4.18	2.81	2.79
	velocity	4.76	9.43	9.80	10.64	10.75	10.64	10.87	10.64	10.75	10.64	9.33	48.5	7.18	10.68	10.75
Song Xinlong (CHN) (2000)	time	2.05	3.10	4.10	5.05	6.02	6.95	7.89	8.84	9.83	10.83	10.83	8 / 6			
reaction time	interval		1.05	1.00	0.95	0.97	0.93	0.94	0.95	0.99	1.00		# of strides	4.10	2.85	2.88
	velocity	4.88	9.52	10.00	10.53	10.31	10.75	10.64	10.53	10.10	10.00	9.23	51.7	7.32	10.53	10.42

Heat 2

date 14-Jul-22 wind 0.4 m/s *Shandong Athletics Sport Science (2022)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Shengjie (CHN) (2000)	time	1.99	3.06	4.03	4.95	5.87	6.76	7.66	8.57	9.51	10.51	10.51	3 / 1			
reaction time	interval		1.07	0.97	0.92	0.92	0.89	0.90	0.91	0.94	1.00		# of strides	4.03	2.73	2.75
	velocity	5.03	9.35	10.31	10.87	10.87	11.24	11.11	10.99	10.64	10.00	9.51	50.0	7.44	10.99	10.91

Heat 1

date 14-Jul-22 wind -0.2 m/s *Shandong Athletics Sport Science (2022)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wang Xinkai (CHN) (2004)	time	2.10	3.19	4.20	5.14	6.08	7.00	7.92	8.84	9.77	10.74	10.74	4 / 2			
reaction time	interval		1.09	1.01	0.94	0.94	0.92	0.92	0.92	0.93	0.97	**PB**	# of strides	4.20	2.80	2.77

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

	velocity	4.76	9.17	9.90	10.64	10.64	10.87	10.87	10.87	10.75	10.31	9.31	48.7	7.14	10.71	10.83
Song Xinlong (CHN) (2000)	time	2.07	3.12	4.12	5.06	6.02	6.94	7.87	8.81	9.77	10.77	10.77	7 / 4			
reaction time	interval		1.05	1.00	0.94	0.96	0.92	0.93	0.94	0.96	1.00		# of strides	4.12	2.82	2.83
	velocity	4.83	9.52	10.00	10.64	10.42	10.87	10.75	10.64	10.42	10.00	9.29	52.0	7.28	10.64	10.60
Wang Yongji (CHN) (1995)	time	2.13	3.25	4.27	5.24	6.18	7.10	8.04	8.98	9.94	10.92	10.92	6 / 6			
reaction time	interval		1.12	1.02	0.97	0.94	0.92	0.94	0.94	0.96	0.98		# of strides	4.27	2.83	2.84
	velocity	4.69	8.93	9.80	10.31	10.64	10.87	10.64	10.64	10.42	10.20	9.16	47.0	7.03	10.60	10.56

2022 Bauhaus Galan (Stockholm, SWE)

FINAL

date 30-Jun-22 wind -0.5 m/s *Omega Timing (2022) - diamond league race analysis*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Simbine, Akani (RSA) (1993)	time		3.02		4.86		6.59		8.30		10.02	10.02	5 / 1			
reaction time 0.157	interval				1.84		1.73		1.71		1.72		# of strides			
	velocity		6.62		10.87		11.56		11.70		11.63	9.98	47.0			
Prescod, Reece (GBR) (1996)	time		3.05		4.90		6.64		8.37		10.15	10.15	6 / 2			
reaction time 0.163	interval				1.85		1.74		1.73		1.78		# of strides			
	velocity		6.56		10.81		11.49		11.56		11.24	9.85	43.7			
Vicaut, Jimmy (FRA) (1992)	time		3.04		4.89		6.66		8.42		10.19	10.19	7 / 3			
reaction time 0.164	interval				1.85		1.77		1.76		1.77		# of strides			
	velocity		6.58		10.81		11.30		11.36		11.30	9.81	46.0			
Abeykoon, Yupun (SRI) (1994)	time		3.14		4.98		6.71		8.45		10.21	10.21	4 / 4			
reaction time 0.279	interval				1.84		1.73		1.74		1.76		# of strides			
	velocity		6.37		10.87		11.56		11.49		11.36	9.79	43.2			
Fall, Mouhamadou (FRA) (1992)	time		3.03		4.89		6.67		8.45		10.24	10.24	8 / 5			
reaction time 0.152	interval				1.86		1.78		1.78		1.79		# of strides			
	velocity		6.60		10.75		11.24		11.24		11.17	9.77	46.0			
van Gool, Joris (NED) (1998)	time		3.03		4.89		6.69		8.51		10.38	10.38	1 / 6			
reaction time 0.157	interval				1.86		1.80		1.82		1.87		# of strides			
	velocity		6.60		10.75		11.11		10.99		10.70	9.63	47.0			
Browning, Rohan (AUS) (1997)	time		3.13		4.98		6.76		8.56		10.38	10.38	2 / 7			
reaction time 0.288	interval				1.85		1.78		1.80		1.82		# of strides			
	velocity		6.39		10.81		11.24		11.11		10.99	9.63	46.2			
Larsson, Henrik (SWE) (1999)	time		3.05		4.94		6.75		8.56		10.40	10.40	3 / 8			
reaction time 0.143	interval				1.89		1.81		1.81		1.84		# of strides			
	velocity		6.56		10.58		11.05		11.05		10.87	9.62	46.7			

2022 Meeting de Paris (Paris, FRA)

FINAL

date 18-Jun-22 wind -1.6 m/s *Omega Timing (2022) - diamond league race analysis*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Azamati, Benjamin (GHA) (1998)	time		2.99		4.86		6.66		8.44		10.25	10.25	4 / 1			
reaction time 0.182	interval				1.87		1.80		1.78		1.81		# of strides			
	velocity		6.69		10.70		11.11		11.24		11.05	9.76				
Fall, Mouhamadou (FRA) (1992)	time		2.98		4.87		6.68		8.48		10.32	10.32	5 / 2			
reaction time 0.142	interval				1.89		1.81		1.80		1.84		# of strides			
	velocity		6.71		10.58		11.05		11.11		10.87	9.69				
Vicaut, Jimmy (FRA) (1992)	time		3.01		4.89		6.70		8.50		10.34	10.34	3 / 3			
reaction time 0.144	interval				1.88		1.81		1.80		1.84		# of strides			
	velocity		6.64		10.64		11.05		11.11		10.87	9.67				
Priam, Aymeric (FRA) (2000)	time		3.00		4.88		6.69		8.50		10.35	10.35	1 / 4			
reaction time 0.144	interval				1.88		1.81		1.81		1.85		# of strides			
	velocity		6.67		10.64		11.05		11.05		10.81	9.66				
Bruintjies, Henricho (RSA) (1993)	time		2.97		4.85		6.68		8.50		10.38	10.38	2 / 5			
reaction time 0.144	interval				1.88		1.83		1.82		1.88		# of strides			
	velocity		6.73		10.64		10.93		10.99		10.64	9.63				
Safo-Antwi, Sean (GHA) (1990)	time		2.96		4.85		6.69		8.53		10.45	10.45	7 / 6			
reaction time 0.125	interval				1.89		1.84		1.84		1.92		# of strides			
	velocity		6.76		10.58		10.87		10.87		10.42	9.57				
Taftian, Hassan (IRI) (1993)	time		3.04		4.94		6.79		8.62		10.52	10.52	8 / 7			
reaction time 0.140	interval				1.90		1.85		1.83		1.90		# of strides			
	velocity		6.58		10.53		10.81		10.93		10.53	9.51				

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Erius, Jeff (FRA) (2004)		time		3.07		4.98		6.84		8.71		10.62	10.62	6 / 8			
reaction time	0.160	interval				1.91		1.86		1.87		1.91		# of strides			
		velocity		6.51		10.47		10.75		10.70		10.47	9.42				

2022 Bislett Games (Oslo, NOR)

FINAL date 16-Jun-22 wind 0.5 m/s *Omega Timing (2022) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
de Grasse, André (CAN) (1994)		time		2.97		4.82		6.58		8.30		10.05	10.05	5 / 1			
reaction time	0.146	interval				1.85		1.76		1.72		1.75		# of strides			
		velocity		6.73		10.81		11.36		11.63		11.43	9.95	48.0			
Prescod, Reece (GBR) (1996)		time		2.99		4.85		6.60		8.32		10.06	10.06	3 / 2			
reaction time	0.135	interval				1.86		1.75		1.72		1.74		# of strides			
		velocity		6.69		10.75		11.43		11.63		11.49	9.94	43.7			
Simbine, Akani (RSA) (1993)		time		2.96		4.81		6.57		8.32		10.09	10.09	4 / 3			
reaction time	0.136	interval				1.85		1.76		1.75		1.77		# of strides			
		velocity		6.76		10.81		11.36		11.43		11.30	9.91	48.0			
Azamati, Benjamin (GHA) (1998)		time		2.98		4.82		6.57		8.33		10.15	10.15	6 / 5			
reaction time	0.205	interval				1.84		1.75		1.76		1.82		# of strides			
		velocity		6.71		10.87		11.43		11.36		10.99	9.85	47.0			
Abeykoon, Yupun (SRI) (1994)		time		3.01		4.86		6.60		8.35		10.16	10.16	7 / 5			
reaction time	0.171	interval				1.85		1.74		1.75		1.81		# of strides			
		velocity		6.64		10.81		11.49		11.43		11.05	9.84	44.0			
Sani Brown, Abdul Hakim (JPN) (1		time		2.98		4.82		6.58		8.36		10.18	10.18	8 / 6			
reaction time	0.168	interval				1.84		1.76		1.78		1.82		# of strides			
		velocity		6.71		10.87		11.36		11.24		10.99	9.82	44.2			
Browning, Rohan (AUS) (1997)		time		2.99		4.87		6.67		8.46		10.28	10.28	2 / 7			
reaction time	0.141	interval				1.88		1.80		1.79		1.82		# of strides			
		velocity		6.69		10.64		11.11		11.17		10.99	9.73	46.7			
Edoburun, Ojie (GBR) (1996)		time		3.01		4.90		6.70		8.48		10.30	10.30	1 / 8			
reaction time	0.143	interval				1.89		1.80		1.78		1.82		# of strides			
		velocity		6.64		10.58		11.11		11.24		10.99	9.71	44.2			

2022 Golden Gala Pietro Mennea (Rome, ITA)

FINAL date 09-Jun-22 wind -0.2 m/s *Omega Timing (2022) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kerley, Fred (USA) (1995)		time		2.93		4.76		6.48		8.18		9.92	9.92	5 / 1			
reaction time	0.137	interval				1.83		1.72		1.70		1.74		# of strides			
		velocity		6.83		10.93		11.63		11.76		11.49	10.08	44.0			
King, Kyree (USA) (1994)		time		2.95		4.80		6.56		8.33		10.14	10.14	6 / 2			
reaction time	0.147	interval				1.85		1.76		1.77		1.81		# of strides			
		velocity		6.78		10.81		11.36		11.30		11.05	9.86	47.0			
Charleston, Cravont (USA) (1998)		time		2.97		4.82		6.58		8.35		10.17	10.17	3 / 3			
reaction time	0.139	interval				1.85		1.76		1.77		1.82		# of strides			
		velocity		6.73		10.81		11.36		11.30		10.99	9.83	48.0			
Ellis, Nigel (JAM) (1997)		time		2.94		4.81		6.56		8.33		10.17	10.17	1 / 4			
reaction time	0.131	interval				1.87		1.75		1.77		1.84		# of strides			
		velocity		6.80		10.70		11.43		11.30		10.87	9.83	49.0			
Erasmus, Emile (RSA) (1992)		time		2.96		4.80		6.57		8.35		10.22	10.22	9 / 5			
reaction time	0.142	interval				1.84		1.77		1.78		1.87		# of strides			
		velocity		6.76		10.87		11.30		11.24		10.70	9.78	44.0			
Ali, Chituru (ITA) (1999)		time		2.97		4.85		6.63		8.41		10.25	10.25	8 / 6			
reaction time	0.121	interval				1.88		1.78		1.78		1.84		# of strides			
		velocity		6.73		10.64		11.24		11.24		10.87	9.76	42.5			
Rodgers, Michael (USA) (1985)		time		2.99		4.87		6.65		8.43		10.29	10.29	2 / 7			
reaction time	0.144	interval				1.88		1.78		1.78		1.86		# of strides			
		velocity		6.69		10.64		11.24		11.24		10.75	9.72	45.5			
Young, Isiah (USA) (1990)		time		2.98		4.87		6.67		8.48		10.35	10.35	4 / 8			
reaction time	0.125	interval				1.89		1.80		1.81		1.87		# of strides			
		velocity		6.71		10.58		11.11		11.05		10.70	9.66	48.0			
Ansah-Peprah, Lucas (GER) (2000		time		2.97		4.85		6.67		8.49		10.39	10.39	7 / 9			
reaction time	0.134	interval				1.88		1.82		1.82		1.90		# of strides			

		velocity		6.73		10.64		10.99		10.99		10.53	9.62	46.5			

2022 FBK Games (Hengelo, NED)

FINAL date 06-Jun-22 wind -0.3 m/s *Omega Timing (2022) - continental tour race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Blake, Yohan (JAM) (1989)		time		2.9		4.7		6.5		8.3		10.11	10.11	4 / 1			
reaction time	0.140	interval				1.80		1.80		1.80		1.81		# of strides			
		velocity		6.90		11.11		11.11		11.11		11.05	9.89	47.0			
King, Kyree (USA) (1994)		time		3.0		4.8		6.6		8.3		10.23	10.23	5 / 2			
reaction time	0.153	interval				1.80		1.80		1.70		1.93		# of strides			
		velocity		6.67		11.11		11.11		11.76		10.36	9.78	48.0			
Erasmus, Emile (RSA) (1992)		time		2.9		4.8		6.5		8.3		10.35	10.25	6 / 3			
reaction time	0.137	interval				1.90		1.70		1.80		2.05		# of strides			
		velocity		6.90		10.53		11.76		11.11		9.76	9.76	44.5			
Azu, Jeremiah (GBR) (2001)		time		2.9		4.8		6.6		8.4		10.28	10.28	7 / 4			
reaction time	0.143	interval				1.90		1.80		1.80		1.88		# of strides			
		velocity		6.90		10.53		11.11		11.11		10.64	9.73	47.0			
van Gool, Joris (NED) (1998)		time		2.9		4.8		6.6		8.4		10.38	10.38	8 / 5			
reaction time	0.141	interval				1.90		1.80		1.80		1.98		# of strides			
		velocity		6.90		10.53		11.11		11.11		10.10	9.63	47.0			
Tracey, Tyquendo (JAM) (1993)		time		2.9		4.8		6.6		8.5		10.41	10.41	2 / 6			
reaction time	0.144	interval				1.90		1.80		1.90		1.91		# of strides			
		velocity		6.90		10.53		11.11		10.53		10.47	9.61	47.0			
Aikines-Aryeetey, Harry (GBR) (19		time		3.0		4.9		6.7		8.6		10.52	10.52	1 / 7			
reaction time	0.146	interval				1.90		1.80		1.90		1.92		# of strides			
		velocity		6.67		10.53		11.11		10.53		10.42	9.51	49.0			
Ramdhan, Tommy (GBR) (1996)		time		3.0		5.0		6.8		8.6		10.60	10.60	9 / 8			
reaction time	0.160	interval				2.00		1.80		1.80		2.00		# of strides			
		velocity		6.67		10.00		11.11		11.11		10.00	9.43	47.2			
Martina, Churandy (NED) (1984)		time		3.1		5.0		6.9		8.7		10.61	10.61	3 / 9			
reaction time	0.141	interval				1.90		1.90		1.80		1.91		# of strides			
		velocity		6.45		10.53		10.53		11.11		10.47	9.43	46.5			

2022 Japanese Multi-Event National Championsips (Akita, JPN)

Decathlon - FINAL date 04-Jun-22 wind 0.1 m/s *Takefu (2023) - performance analyisis of decathlon athletes in the 2022 season*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Okuda, Keisuke (JPN) (1996)		time	1.94	3.06	4.07	5.03	5.98	6.92	7.87	8.83	9.81	10.82	10.82	5 / 1			
reaction time		interval		1.12	1.01	0.96	0.95	0.94	0.95	0.96	0.98	1.01		# of strides	4.07	2.85	2.89
		velocity	5.15	8.93	9.90	10.42	10.53	10.64	10.53	10.42	10.20	9.90	9.24		7.37	10.53	10.38
Nakamura, Akihiko (JPN) (1990)		time	1.93	3.05	4.07	5.04	6.00	6.96	7.93	8.91	9.91	10.93	10.93	4 / 3			
reaction time		interval		1.12	1.02	0.97	0.96	0.96	0.97	0.98	1.00	1.02		# of strides	4.07	2.89	2.95
		velocity	5.18	8.93	9.80	10.31	10.42	10.42	10.31	10.20	10.00	9.80	9.15		7.37	10.38	10.17
Taue, Shun (JPN) (1997)		time	1.97	3.11	4.14	5.13	6.10	7.07	8.05	9.05	10.07	11.12	11.12	9 / 7			
reaction time		interval		1.14	1.03	0.99	0.97	0.97	0.98	1.00	1.02	1.05		# of strides	4.14	2.93	3.00
		velocity	5.08	8.77	9.71	10.10	10.31	10.31	10.20	10.00	9.80	9.52	8.99		7.25	10.24	10.00
Ushiro, Keisuke (JPN) (1986)		time	2.05	3.20	4.26	5.28	6.28	7.28	8.30	9.32	10.37	11.45	11.45	2 / 9			
reaction time		interval		1.15	1.06	1.02	1.00	1.00	1.02	1.02	1.05	1.08		# of strides	4.26	3.02	3.09
		velocity	4.88	8.70	9.43	9.80	10.00	10.00	9.80	9.80	9.52	9.26	8.73		7.04	9.93	9.71

2022 Prefontaine Classic (Eugene, OR)

FINAL date 28-May-22 wind -0.2 m/s *Omega Timing (2022) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bromell, Trayvon (USA) (1995)		time		2.87		4.70		6.45		8.17		9.93	9.93	6 / 1			
reaction time	0.123	interval				1.83		1.75		1.72		1.76		# of strides			
		velocity		6.97		10.93		11.43		11.63		11.36	10.07	47.5			
Kerley, Fred (USA) (1995)		time		2.90		4.75		6.50		8.24		9.98	9.98	4 / 2			
reaction time	0.137	interval				1.85		1.75		1.74		1.74		# of strides			
		velocity		6.90		10.81		11.43		11.49		11.49	10.02	43.5			
Coleman, Christian (USA) (1996)		time		2.88		4.70		6.45		8.23		10.04	10.04	5 / 3			
reaction time	0.136	interval				1.82		1.75		1.78		1.81		# of strides			
		velocity		6.94		10.99		11.43		11.24		11.05	9.96	48.0			
Lyles, Noah (USA) (1997)		time		3.00		4.84		6.58		8.31		10.05	10.05	7 / 4			

reaction time	0.144	interval			1.84		1.74		1.73		1.74		# of strides		
		velocity	6.67		10.87		11.49		11.56		11.49	9.95	46.0		
Tebogo, Letsile (BOT) (2003)		time	2.95		4.79		6.55		8.31		10.12	10.12	8 / 5		
reaction time	0.169	interval			1.84		1.76		1.76		1.81		# of strides		
		velocity	6.78		10.87		11.36		11.36		11.05	9.88	43.0		
Knighton, Erriyon (USA) (2004)		time	2.96		4.78		6.54		8.31		10.14	10.14	1 / 6		
reaction time	0.133	interval			1.82		1.76		1.77		1.83		# of strides		
		velocity	6.76		10.99		11.36		11.30		10.93	9.86	43.5		
King, Kyree (USA) (1994)		time	2.97		4.81		6.58		8.36		10.16	10.16	2 / 7		
reaction time	0.167	interval			1.84		1.77		1.78		1.80		# of strides		
		velocity	6.73		10.87		11.30		11.24		11.11	9.84	48.0		
Bednarek, Kenneth (USA) (1998)		time	2.99		4.86		6.62		8.38		10.18	10.18	9 / 8		
reaction time	0.160	interval			1.87		1.76		1.76		1.80		# of strides		
		velocity	6.69		10.70		11.36		11.36		11.11	9.82	45.5		
de Grasse, André (CAN) (1994)		time	3.01		4.88		6.66		8.43		10.21	10.21	3 / 9		
reaction time	0.136	interval			1.87		1.78		1.77		1.78		# of strides		
		velocity	6.64		10.70		11.24		11.30		11.24	9.79	47.0		

2022 Shimane High School Championships (Izumo, JPN)

FINAL date 27-May-22 wind -1.8 m/s *Shimizu (2022) - shimane high school championships 2022 - biomechanics data analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sudo, Hiroyuki (JPN)		time			4.00			6.92			9.77	10.77	10.77	4 / 1			
reaction time		interval						2.92			2.85	1.00		# of strides	4.00	2.92	2.85
		velocity			7.50			10.27			10.53	10.00	9.29	49.7	7.50	10.27	10.53
Tanaka, Yuji (JPN)		time			4.08			7.08			9.97	10.98	10.98	5 / 2			
reaction time		interval						3.00			2.89	1.01		# of strides	4.08	3.00	2.89
		velocity			7.35			10.00			10.38	9.90	9.11	53.0	7.35	10.00	10.38
Okamoto, Ryotaro (JPN) (2004)		time			4.08			7.08			10.03	11.09	11.09	6 / 3			
reaction time		interval						3.00			2.95	1.06		# of strides	4.08	3.00	2.95
		velocity			7.35			10.00			10.17	9.43	9.02	51.5	7.35	10.00	10.17
Fujiwara, Ryusei (JPN)		time			4.15			7.20			10.12	11.16	11.16	3 / 4			
reaction time		interval						3.05			2.92	1.04		# of strides	4.15	3.05	2.92
		velocity			7.23			9.84			10.27	9.62	8.96	51.5	7.23	9.84	10.27
Kawabata, Ryota (JPN)		time			4.10			7.17			10.13	11.19	11.19	2 / 5			
reaction time		interval						3.07			2.96	1.06		# of strides	4.10	3.07	2.96
		velocity			7.32			9.77			10.14	9.43	8.94	50.5	7.32	9.77	10.14
Iwasaki, Hoshun (JPN)		time			4.10			7.10			10.12	11.23	11.23	7 / 6			
reaction time		interval						3.00			3.02	1.11		# of strides	4.10	3.00	3.02
		velocity			7.32			10.00			9.93	9.01	8.90	54.7	7.32	10.00	9.93
Takenaga, Ren (JPN)		time			4.15			7.20			10.20	11.25	11.25	8 / 7			
reaction time		interval						3.05			3.00	1.05		# of strides	4.15	3.05	3.00
		velocity			7.23			9.84			10.00	9.52	8.89	51.0	7.23	9.84	10.00
Mihara, Rikuo (JPN)		time			4.15			7.20			10.23	11.29	11.29	9 / 8			
reaction time		interval						3.05			3.03	1.06		# of strides	4.15	3.05	3.03
		velocity			7.23			9.84			9.90	9.43	8.86	52.2	7.23	9.84	9.90

2022 Müller Birmingham Diamond League (Birmingham, GBR)

FINAL date 21-May-22 wind -0.2 m/s *Omega Timing (2022) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Brown, Aaron (CAN) (1992)		time		2.94		4.82		6.61		8.37		10.13	10.13	8 / 1			
reaction time	0.149	interval				1.88		1.79		1.76		1.76		# of strides			
		velocity		6.80		10.64		11.17		11.36		11.36	9.87	47.0			
Blake, Yohan (JAM) (1989)		time		2.93		4.80		6.58		8.36		10.18	10.18	2 / 2			
reaction time	0.145	interval				1.87		1.78		1.78		1.82		# of strides			
		velocity		6.83		10.70		11.24		11.24		10.99	9.82	46.7			
Blake, Jerome (CAN) (1995)		time		3.02		4.90		6.67		8.42		10.20	10.20	4 / 3			
reaction time	0.154	interval				1.88		1.77		1.75		1.78		# of strides			
		velocity		6.62		10.64		11.30		11.43		11.24	9.80	43.0			
de Grasse, André (CAN) (1994)		time		3.01		4.89		6.67		8.43		10.24	10.24	6 / 4			
reaction time	0.141	interval				1.88		1.78		1.76		1.81		# of strides			
		velocity		6.64		10.64		11.24		11.36		11.05	9.77	47.5			

Mitchell-Blake, Nethaneel (GBR) (	time	2.99	4.87	6.66	8.45	10.31	10.31	9 / 5			
reaction time 0.154	interval		1.88	1.79	1.79	1.86		# of strides			
	velocity	6.69	10.64	11.17	11.17	10.75	9.70	45.2			
Gemili, Adam (GBR) (1993)	time	3.00	4.89	6.70	8.51	10.38	10.38	1 / 6			
reaction time 0.139	interval		1.89	1.81	1.81	1.87		# of strides			
	velocity	6.67	10.58	11.05	11.05	10.70	9.63	48.0			
Prescod, Reece (GBR) (1996)	time	3.08	5.01	6.86	8.72	10.65	10.65	7 / 7			
reaction time 0.136	interval		1.93	1.85	1.86	1.93		# of strides			
	velocity	6.49	10.36	10.81	10.75	10.36	9.39	44.0			

2022 Michitaka Kinami Memorial (Osaka, JPN)

Decathlon - Heat 2

date 30-Apr-22 wind -0.2 m/s

Takefu (2023) - performance analyisis of decathlon athletes in the 2022 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Okuda, Keisuke (JPN) (1996)	time	1.92	3.03	4.03	4.99	5.93	6.87	7.80	8.75	9.72	10.71	10.71	8 / 1			
reaction time 0.117	interval		1.11	1.00	0.96	0.94	0.94	0.93	0.95	0.97	0.99		# of strides	4.03	2.84	2.85
	velocity	5.21	9.01	10.00	10.42	10.64	10.64	10.75	10.53	10.31	10.10	9.34		7.44	10.56	10.53
Nakamura, Akihiko (JPN) (1990)	time	1.97	3.09	4.12	5.11	6.08	7.05	8.02	9.01	10.03	11.06	11.06	3 / 2			
reaction time 0.134	interval		1.12	1.03	0.99	0.97	0.97	0.97	0.99	1.02	1.03		# of strides	4.12	2.93	2.98
	velocity	5.08	8.93	9.71	10.10	10.31	10.31	10.31	10.10	9.80	9.71	9.04		7.28	10.24	10.07

Decathlon - Heat 1

date 30-Apr-22 wind -0.2 m/s

Takefu (2023) - performance analyisis of decathlon athletes in the 2022 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Maruyama, Yuma (JPN) (1998)	time	1.98	3.13	4.16	5.15	6.12	7.08	8.04	9.01	10.00	11.01	11.01	9 / 2			
reaction time 0.130	interval		1.15	1.03	0.99	0.97	0.96	0.96	0.97	0.99	1.01		# of strides	4.16	2.92	2.92
	velocity	5.05	8.70	9.71	10.10	10.31	10.42	10.42	10.31	10.10	9.90	9.08		7.21	10.27	10.27
Taue, Shun (JPN) (1997)	time	1.95	3.09	4.13	5.13	6.11	7.09	8.07	9.07	10.09	11.14	11.14	6 / 3			
reaction time 0.132	interval		1.14	1.04	1.00	0.98	0.98	0.98	1.00	1.02	1.05		# of strides	4.13	2.96	3.00
	velocity	5.13	8.77	9.62	10.00	10.20	10.20	10.20	10.00	9.80	9.52	8.98		7.26	10.14	10.00
Isa, Yoshinori (JPN) (1993)	time	2.04	3.22	4.31	5.35	6.37	7.40	8.43	9.49	10.56	11.66	11.66	7 / 7			
reaction time 0.148	interval		1.18	1.09	1.04	1.02	1.03	1.03	1.06	1.07	1.10		# of strides	4.31	3.09	3.16
	velocity	4.90	8.47	9.17	9.62	9.80	9.71	9.71	9.43	9.35	9.09	8.58		6.96	9.71	9.49

2021 Weltklasse (Zürich, SUI)

FINAL

date 09-Sep-21 wind -0.4 m/s

Omega Timing (2021) - diamond league race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kerley, Fred (USA) (1995)	time		2.9		4.8		6.5		8.2		9.87	9.87	5 / 1			
reaction time 0.134	interval				1.90		1.70		1.70		1.67		# of strides			
	velocity		6.90		10.53		11.76		11.76		11.98	10.13	44.0			
de Grasse, André (CAN) (1994)	time		3.0		4.8		6.5		8.2		9.89	9.89	6 / 2			
reaction time 0.110	interval				1.80		1.70		1.70		1.69	**=PB**	# of strides			
	velocity		6.67		11.11		11.76		11.76		11.83	10.11	46.2			
Baker, Ronnie (USA) (1993)	time		2.9		4.7		6.4		8.2		9.91	9.91	4 / 3			
reaction time 0.134	interval				1.80		1.70		1.80		1.71		# of strides			
	velocity		6.90		11.11		11.76		11.11		11.70	10.09	44.7			
Bromell, Trayvon (USA) (1995)	time		2.9		4.8		6.5		8.2		9.96	9.96	7 / 4			
reaction time 0.127	interval				1.90		1.70		1.70		1.76		# of strides			
	velocity		6.90		10.53		11.76		11.76		11.36	10.04	46.5			
Simbine, Akani (RSA) (1993)	time		3.0		4.9		6.6		8.3		10.10	10.10	8 / 5			
reaction time 0.113	interval				1.90		1.70		1.70		1.80		# of strides			
	velocity		6.67		10.53		11.76		11.76		11.11	9.90	48.0			
Browning, Rohan (AUS) (1997)	time		3.0		4.8		6.6		8.4		10.18	10.18	2 / 6			
reaction time 0.127	interval				1.80		1.80		1.80		1.78		# of strides			
	velocity		6.67		11.11		11.11		11.11		11.24	9.82	47.0			
Norman, Michael (USA) (1997)	time		3.0		4.9		6.6		8.4		10.23	10.23	3 / 7			
reaction time 0.152	interval				1.90		1.70		1.80		1.83		# of strides			
	velocity		6.67		10.53		11.76		11.11		10.93	9.78	45.0			
Wicki, Silvan (SUI) (1995)	time		3.0		4.9		6.7		8.5		10.25	10.25	9 / 8			
reaction time 0.127	interval				1.90		1.80		1.80		1.75		# of strides			
	velocity		6.67		10.53		11.11		11.11		11.43	9.76	48.0			
Mudiyanselage, Yupun Abeykoon	time		3.0		4.9		6.7		8.4		10.25	10.25	1 / 9			
reaction time 0.120	interval				1.90		1.80		1.70		1.85		# of strides			
	velocity		6.67		10.53		11.11		11.76		10.81	9.76	43.2			

2021 Memorial van Damme (Brussels, BEL)

FINAL date 03-Sep-21 wind 0.1 m/s *Omega Timing (2021) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kerley, Fred (USA) (1995)		time		3.0		4.8		6.5		8.3		9.94	9.94	5 / 1			
reaction time	0.149	interval				1.80		1.70		1.80		1.64		# of strides			
		velocity		6.67		11.11		11.76		11.11		12.20	10.06	44.3			
Bromell, Trayvon (USA) (1995)		time		2.9		4.8		6.5		8.2		9.97	9.97	3 / 2			
reaction time	0.138	interval				1.90		1.70		1.70		1.77		# of strides			
		velocity		6.90		10.53		11.76		11.76		11.30	10.03	47.0			
Norman, Michael (USA) (1997)		time		2.9		4.8		6.5		8.2		9.98	9.98	7 / 3			
reaction time	0.141	interval				1.90		1.70		1.70		1.78		# of strides			
		velocity		6.90		10.53		11.76		11.76		11.24	10.02	44.0			
Omurwa, Ferdinand (KEN) (1996)		time		3.0		4.8		6.6		8.3		10.02	10.02	6 / 4			
reaction time	0.134	interval				1.80		1.80		1.70		1.72		# of strides			
		velocity		6.67		11.11		11.11		11.76		11.63	9.98	47.3			
Browning, Rohan (AUS) (1997)		time		3.0		4.8		6.6		8.4		10.14	10.14	2 / 5			
reaction time	0.120	interval				1.80		1.80		1.80		1.74		# of strides			
		velocity		6.67		11.11		11.11		11.11		11.49	9.86	47.0			
Simbine, Akani (RSA) (1993)		time		3.0		4.9		6.7		8.4		10.18	10.18	4 / 6			
reaction time	0.150	interval				1.90		1.80		1.70		1.78		# of strides			
		velocity		6.67		10.53		11.11		11.76		11.24	9.82	48.0			
Fall, Mouhamadou (FRA) (1992)		time		3.0		4.9		6.7		8.4		10.19	10.19	8 / 7			
reaction time	0.147	interval				1.90		1.80		1.70		1.79		# of strides			
		velocity		6.67		10.53		11.11		11.76		11.17	9.81	46.0			
Cissé, Arthur (CIV) (1996)		time		3.0		4.9		6.7		8.5		10.34	10.34	1 / 8			
reaction time	0.162	interval				1.90		1.80		1.80		1.84		# of strides			
		velocity		6.67		10.53		11.11		11.11		10.87	9.67	49.0			

2021 Prefontaine Classic (Eugene, OR)

FINAL date 21-Aug-21 wind 2.9 m/s *Omega Timing (2021) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
de Grasse, André (CAN) (1994)		time		3.0		4.8		6.4		8.1		9.74	9.74	6 / 1			
reaction time	0.129	interval				1.80		1.60		1.70		1.64		# of strides			
		velocity		6.67		11.11		12.50		11.76		12.20	10.27	45.7			
Kerley, Fred (USA) (1995)		time		3.0		4.8		6.5		8.1		9.78	9.78	5 / 2			
reaction time	0.137	interval				1.80		1.70		1.60		1.68		# of strides			
		velocity		6.67		11.11		11.76		12.50		11.90	10.22	43.5			
Baker, Ronnie (USA) (1993)		time		3.0		4.7		6.4		8.1		9.82	9.82	2 / 3			
reaction time	0.138	interval				1.70		1.70		1.70		1.72		# of strides			
		velocity		6.67		11.76		11.76		11.76		11.63	10.18	45.2			
Bromell, Trayvon (USA) (1995)		time		3.0		4.8		6.5		8.2		9.86	9.86	7 / 4			
reaction time	0.134	interval				1.80		1.70		1.70		1.66		# of strides			
		velocity		6.67		11.11		11.76		11.76		12.05	10.14	46.0			
Norman, Michael (USA) (1997)		time		3.0		4.8		6.5		8.2		9.90	9.90	9 / 5			
reaction time	0.133	interval				1.80		1.70		1.70		1.70		# of strides			
		velocity		6.67		11.11		11.76		11.76		11.76	10.10	44.0			
Gatlin, Justin (USA) (1982)		time		3.0		4.8		6.5		8.2		9.93	9.93	3 / 6			
reaction time	0.142	interval				1.80		1.70		1.70		1.73		# of strides			
		velocity		6.67		11.11		11.76		11.76		11.56	10.07	44.2			
Simbine, Akani (RSA) (1993)		time		3.0		4.8		6.6		8.3		9.95	9.95	4 / 7			
reaction time	0.132	interval				1.80		1.80		1.70		1.65		# of strides			
		velocity		6.67		11.11		11.11		11.76		12.12	10.05	47.0			
Young, Isiah (USA) (1990)		time		3.0		4.8		6.5		8.3		9.98	9.98	8 / 8			
reaction time	0.120	interval				1.80		1.70		1.80		1.68		# of strides			
		velocity		6.67		11.11		11.76		11.11		11.90	10.02	46.5			
Gillespie Cravon (USA) (1996)		time		3.0		4.8		6.6		8.3		10.09	10.09	1 / 9			
reaction time	0.145	interval				1.80		1.80		1.70		1.79		# of strides			
		velocity		6.67		11.11		11.11		11.76		11.17	9.91	46.2			

2020 Olympic Games (Tokyo, JPN)

FINAL

date 01-Aug-21 wind 0.1 m/s

Vazel (2021) - analyzing the olympic 100-meter sprints

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jacobs, Lamont Marcell (ITA) (199		time			3.67			6.41		8.08		9.80	9.80	3 / 1			
reaction time	0.161	interval						2.74		3.39		1.72	AR	# of strides	3.67	2.74	
		velocity			8.17			10.95		5.90		11.63	10.20	45.0	8.17	10.95	
Kerley, Fred (USA) (1995)		time			3.79			6.39		8.10		9.84	9.84	5 / 2			
reaction time	0.128	interval						2.60		3.45		1.74	PB	# of strides	3.79	2.60	
		velocity			7.92			11.54		5.80		11.49	10.16	42.7	7.92	11.54	
de Grasse, André (CAN) (1994)		time			3.88			6.48		8.17		9.89	9.89	9 / 3			
reaction time	0.155	interval						2.60		3.41		1.72	PB	# of strides	3.88	2.60	
		velocity			7.73			11.54		5.87		11.63	10.11	46.0	7.73	11.54	
Simbine, Akani (RSA) (1993)		time			3.88			6.50		8.20		9.93	9.93	2 / 4			
reaction time	0.141	interval						2.62		3.43		1.73		# of strides	3.88	2.62	
		velocity			7.73			11.45		5.83		11.56	10.07	47.0	7.73	11.45	
Baker, Ronnie (USA) (1993)		time			3.81			6.43		8.15		9.95	9.95	7 / 5			
reaction time	0.148	interval						2.62		3.52		1.80		# of strides	3.81	2.62	
		velocity			7.87			11.45		5.68		11.11	10.05	45.2	7.87	11.45	
Su Bingtian (CHN) (1989)		time			3.87			6.48		8.20		9.98	9.98	6 / 6			
reaction time	0.167	interval						2.61		3.50		1.78		# of strides	3.87	2.61	
		velocity			7.75			11.49		5.71		11.24	10.02	46.7	7.75	11.49	
Adegoke, Enoch (NGR) (2000)		time			3.84			6.56					dnf	8 / --			
reaction time	0.157	interval						2.72						# of strides	3.84	2.72	
		velocity			7.81			11.03							7.81	11.03	
Hughes, Zarnel (GBR) (1995)													DQ	4 / --			

Semi-Final 3

date 01-Aug-21 wind 0.9 m/s

Vazel (2021) - analyzing the olympic 100-meter sprints

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Su Bingtian (CHN) (1989)		time			3.73			6.29		8.03		9.83	9.83	4 / 1			
reaction time	0.142	interval						2.56		3.54		1.80	AR	# of strides	3.73	2.56	
		velocity			8.04			11.72		5.65		11.11	10.17	48.0	8.04	11.72	
Baker, Ronnie (USA) (1993)		time			3.82			6.37		8.06		9.83	9.83	6 / 2			
reaction time	0.190	interval						2.55		3.46		1.77	PB	# of strides	3.82	2.55	
		velocity			7.85			11.76		5.78		11.30	10.17	44.2	7.85	11.76	
Jacobs, Lamont Marcell (ITA) (199		time			3.84			6.40		8.08		9.84	9.84	5 / 3			
reaction time	0.179	interval						2.56		3.44		1.76	AR	# of strides	3.84	2.56	
		velocity			7.81			11.72		5.81		11.36	10.16	45.0	7.81	11.72	
Simbine, Akani (RSA) (1993)		time			3.86			6.46		8.16		9.90	9.90	7 / 4			
reaction time	0.140	interval						2.60		3.44		1.74		# of strides	3.86	2.60	
		velocity			7.77			11.54		5.81		11.49	10.10	47.0	7.77	11.54	

2021 Japanese High School National Championships (Fukui, JPN)

FINAL

date 29-Jul-21 wind 1.8 m/s

Shibayama (2021) - national high school and U20 national championhsips

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yanagita, Hiroki (JPN) (2003)		time	1.91	2.98	3.94	4.86	5.76	6.65	7.55	8.45	9.37	10.31	10.31	6 / 1			
reaction time	0.139	interval		1.07	0.96	0.92	0.90	0.89	0.90	0.90	0.92	0.94		# of strides	3.94	2.71	2.72
		velocity	5.24	9.35	10.42	10.87	11.11	11.24	11.11	11.11	10.87	10.64	9.70		7.61	11.07	11.03
Inoue, Naoki (JPN) (2003)		time	1.92	3.00	3.98	4.91	5.83	6.75	7.66	8.58	9.51	10.45	10.45	3 / 2			
reaction time	0.160	interval		1.08	0.98	0.93	0.92	0.92	0.91	0.92	0.93	0.94	PB	# of strides	3.98	2.77	2.76
		velocity	5.21	9.26	10.20	10.75	10.87	10.87	10.99	10.87	10.75	10.64	9.57		7.54	10.83	10.87
Atago, Rai (JPN) (2003)		time	1.92	3.01	3.99	4.93	5.85	6.76	7.67	8.59	9.52	10.47	10.47	4 / 3			
reaction time	0.133	interval		1.09	0.98	0.94	0.92	0.91	0.91	0.92	0.93	0.95	PB	# of strides	3.99	2.77	2.76
		velocity	5.21	9.17	10.20	10.64	10.87	10.99	10.99	10.87	10.75	10.53	9.55		7.52	10.83	10.87
Saga, Aki (JPN) (2003)		time	1.92	3.01	4.00	4.93	5.85	6.76	7.67	8.60	9.55	10.52	10.52	7 / 4			
reaction time	0.158	interval		1.09	0.99	0.93	0.92	0.91	0.91	0.93	0.95	0.97		# of strides	4.00	2.76	2.79
		velocity	5.21	9.17	10.10	10.75	10.87	10.99	10.99	10.75	10.53	10.31	9.51		7.50	10.87	10.75
Shikata, Makoto (JPN) (2003)		time	1.92	3.01	3.99	4.93	5.85	6.77	7.69	8.62	9.56	10.52	10.52	1 / 5			
reaction time	0.115	interval		1.09	0.98	0.94	0.92	0.92	0.92	0.93	0.94	0.96	PB	# of strides	3.99	2.78	2.79
		velocity	5.21	9.17	10.20	10.64	10.87	10.87	10.87	10.75	10.64	10.42	9.51		7.52	10.79	10.75
Kuboi, So (JPN) (2003)		time	1.90	2.99	3.97	4.90	5.82	6.74	7.66	8.60	9.55	10.53	10.53	5 / 6			
reaction time	0.119	interval		1.09	0.98	0.93	0.92	0.92	0.92	0.94	0.95	0.98		# of strides	3.97	2.77	2.81
		velocity	5.26	9.17	10.20	10.75	10.87	10.87	10.87	10.64	10.53	10.20	9.50		7.56	10.83	10.68

Terasawa, Daiti (JPN) (2003)		time	1.97	3.07	4.05	4.99	5.91	6.82	7.74	8.67	9.62	10.59	10.59	2 / 7			
reaction time	0.138	interval		1.10	0.98	0.94	0.92	0.91	0.92	0.93	0.95	0.97		# of strides	4.05	2.77	2.80
		velocity	5.08	9.09	10.20	10.64	10.87	10.99	10.87	10.75	10.53	10.31	9.44		7.41	10.83	10.71
Mori, Yuhi (JPN) (2003)		time	1.96	3.05	4.04	4.99	5.92	6.85	7.78	8.72	9.67	10.62	10.62	8 / 8			
reaction time	0.159	interval		1.09	0.99	0.95	0.93	0.93	0.93	0.94	0.95	0.95		# of strides	4.04	2.81	2.82
		velocity	5.10	9.17	10.10	10.53	10.75	10.75	10.75	10.64	10.53	10.53	9.42		7.43	10.68	10.64

2021 Müller British Grand Prix (Gateshead, GBR)

FINAL date 13-Jul-21 wind 0.4 m/s *Omega Timing (2021) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bromell, Trayvon (USA) (1995)		time		3.0		4.8		6.5		8.3		9.98	9.98	4 / 1			
reaction time	0.173	interval				1.80		1.70		1.80		1.68		# of strides			
		velocity		6.67		11.11		11.76		11.11		11.90	10.02	47.2			
Ujah, Chijindu (GBR) (1994)		time		3.0		4.8		6.6		8.3		10.10	10.10	2 / 2			
reaction time	0.156	interval				1.80		1.80		1.70		1.80		# of strides			
		velocity		6.67		11.11		11.11		11.76		11.11	9.90	45.2			
Hughes, Zharnel (GBR) (1995)		time		3.1		4.9		6.7		8.4		10.13	10.13	6 / 3			
reaction time	0.139	interval				1.80		1.80		1.70		1.73		# of strides			
		velocity		6.45		11.11		11.11		11.76		11.56	9.87	46.0			
de Grasse, André (CAN) (1994)		time		3.1		5.0		6.7		8.4		10.13	10.13	3 / 4			
reaction time	0.176	interval				1.90		1.70		1.70		1.73		# of strides			
		velocity		6.45		10.53		11.76		11.76		11.56	9.87	46.0			
Kerley, Fred (USA) (1995)		time		3.0		4.9		6.6		8.4		10.13	10.13	5 / 5			
reaction time	0.118	interval				1.90		1.70		1.80		1.73		# of strides			
		velocity		6.67		10.53		11.76		11.11		11.56	9.87	44.5			
Rodgers, Michael (USA) (1985)		time		3.0		4.9		6.6		8.4		10.17	10.17	7 / 6			
reaction time	0.175	interval				1.90		1.70		1.80		1.77		# of strides			
		velocity		6.67		10.53		11.76		11.11		11.30	9.83	45.5			
Young, Isiah (USA) (1990)		time		3.0		4.9		6.7		8.4		10.21	10.21	1 / 7			
reaction time	0.168	interval				1.90		1.80		1.70		1.81		# of strides			
		velocity		6.67		10.53		11.11		11.76		11.05	9.79	48.0			
Gemili, Adam (GBR) (1993)		time		3.1		5.0		6.7		8.5		10.21	10.21	8 / 8			
reaction time	0.149	interval				1.90		1.70		1.80		1.71		# of strides			
		velocity		6.45		10.53		11.76		11.11		11.70	9.79	47.2			

2021 Herculis Meeting International d'Athletisme (Monaco, MON)

FINAL date 09-Jul-21 wind 0.3 m/s *Omega Timing (2021) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Baker, Ronnie (USA) (1993)		time		3.0		4.8		6.5		8.2		9.91	9.91	3 / 1			
reaction time	0.176	interval				1.80		1.70		1.70		1.71		# of strides			
		velocity		6.67		11.11		11.76		11.76		11.70	10.09	45.5			
Simbine, Akani (RSA) (1993)		time		3.0		4.8		6.6		8.3		9.98	9.98	4 / 2			
reaction time	0.153	interval				1.80		1.80		1.70		1.68		# of strides			
		velocity		6.67		11.11		11.11		11.76		11.90	10.02	47.5			
Jacobs, Lamont Marcell (ITA) (199		time		3.0		4.8		6.6		8.3		9.99	9.99	7 / 3			
reaction time	0.204	interval				1.80		1.80		1.70		1.69		# of strides			
		velocity		6.67		11.11		11.11		11.76		11.83	10.01	45.7			
de Grasse, André (CAN) (1994)		time		3.0		4.9		6.6		8.3		10.00	10.00	2 / 4			
reaction time	0.148	interval				1.90		1.70		1.70		1.70		# of strides			
		velocity		6.67		10.53		11.76		11.76		11.76	10.00	46.5			
Bromell, Trayvon (USA) (1995)		time		3.0		4.8		6.5		8.3		10.01	10.01	5 / 5			
reaction time	0.147	interval				1.80		1.70		1.80		1.71		# of strides			
		velocity		6.67		11.11		11.76		11.11		11.70	9.99	46.7			
Kerley, Fred (USA) (1995)		time		3.0		4.9		6.6		8.4		10.15	10.15	6 / 6			
reaction time	0.153	interval				1.90		1.70		1.80		1.75		# of strides			
		velocity		6.67		10.53		11.76		11.11		11.43	9.85	44.0			
Tortu, Filippo (ITA) (1998)		time		3.1		4.9		6.7		8.4		10.17	10.17	1 / 7			
reaction time	0.179	interval				1.80		1.80		1.70		1.77		# of strides			
		velocity		6.45		11.11		11.11		11.76		11.30	9.83	44.5			
Vicaut, Jimmy (FRA) (19920		time		3.1		5.0		6.7		8.4		10.17	10.17	8 / --			

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reaction time	0.132	interval		2.00	1.80	1.90	1.88		# of strides		
		velocity	6.67	10.00	11.11	10.53	10.64	9.45			
Bøe, Filip (NOR) (2000)		time	3.0	5.0	6.9	8.8	10.68	10.68	6 / 2		
reaction time	0.129	interval		2.00	1.90	1.90	1.88	PB	# of strides		
		velocity	6.67	10.00	10.53	10.53	10.64	9.36			
Pettersen, Even (NOR) (1993)		time	3.1	5.0	6.9	8.8	10.70	10.70	4 / 3		
reaction time	0.125	interval		1.90	1.90	1.90	1.90		# of strides		
		velocity	6.45	10.53	10.53	10.53	10.53	9.35			
Kjerpeset, Øyvind (NOR) (1991)		time	3.1	5.1	7.0	8.9	10.77	10.77	2 / 4		
reaction time	0.150	interval		2.00	1.90	1.90	1.87		# of strides		
		velocity	6.45	10.00	10.53	10.53	10.70	9.29			
Bifuko, Patrick Monga (NOR) (199		time	3.1	5.1	7.0	8.8	10.78	10.78	7 / 5		
reaction time	0.135	interval		2.00	1.90	1.80	1.98		# of strides		
		velocity	6.45	10.00	10.53	11.11	10.10	9.28			
Johnsen, Daniel (NOR) (1998)		time	3.1	5.1	7.0	8.9	10.95	10.95	3 / 6		
reaction time	0.108	interval		2.00	1.90	1.90	2.05		# of strides		
		velocity	6.45	10.00	10.53	10.53	9.76	9.13			
Sverd, Vegard Dragsund (NOR) (1		time	3.2	5.2	7.2	9.2	11.21	11.21	1 / 8		
reaction time	0.151	interval		2.00	2.00	2.00	2.01		# of strides		
		velocity	6.25	10.00	10.00	10.00	9.95	8.92			

2021 Golden Gala Pietro Mennea (Florence, ITA)

FINAL date 10-Jun-21 wind -0.1 m/s *Omega Timing (2021) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Simbine, Akani (RSA) (1993)		time		3.0		4.9		6.6		8.3		10.08	10.08	5 / 1			
reaction time	0.147	interval				1.90		1.70		1.70		1.78		# of strides			
		velocity		6.67		10.53		11.76		11.76		11.24	9.92	48.5			
Ujah, Chijindu (GBR) (1994)		time		3.0		4.9		6.6		8.4		10.10	10.10	3 / 2			
reaction time	0.156	interval				1.90		1.70		1.80		1.70		# of strides			
		velocity		6.67		10.53		11.76		11.11		11.76	9.90	45.7			
Matadi, Emmanuel (LBR) (1991)		time		3.0		4.9		6.6		8.4		10.16	10.16	7 / 3			
reaction time	0.146	interval				1.90		1.70		1.80		1.76		# of strides			
		velocity		6.67		10.53		11.76		11.11		11.36	9.84	46.2			
Mudiyanselage, Yupun Abeykoon		time		3.0		4.9		6.6		8.4		10.16	10.16	1 / 4			
reaction time	0.153	interval				1.90		1.70		1.80		1.76		# of strides			
		velocity		6.67		10.53		11.76		11.11		11.36	9.84	43.5			
Rodgers, Michael (USA) (1985)		time		3.0		4.9		6.7		8.4		10.25	10.25	4 / 5			
reaction time	0.139	interval				1.90		1.80		1.70		1.85		# of strides			
		velocity		6.67		10.53		11.11		11.76		10.81	9.76	46.0			
Cissé, Arthur (CIV) (1996)		time		3.0		4.9		6.6		8.4		10.35	10.35	6 / 6			
reaction time	0.136	interval				1.90		1.70		1.80		1.95		# of strides			
		velocity		6.67		10.53		11.76		11.11		10.26	9.66	49.2			
Greene, Cejhae (ANT) (1995)		time		3.0		4.9		6.7		8.6		10.39	10.39	2 / 7			
reaction time	0.138	interval				1.90		1.80		1.90		1.79		# of strides			
		velocity		6.67		10.53		11.11		10.53		11.17	9.62	49.0			
Harvey, Jak Ali (TUR) (1989)		time		3.1		5.0		6.8		8.6		10.46	10.46	8 / 8			
reaction time	0.153	interval				1.90		1.80		1.80		1.86		# of strides			
		velocity		6.45		10.53		11.11		11.11		10.75	9.56	46.5			

2021 Fuse Sprint (Tottori, JPN)

FINAL date 06-Jun-21 wind 2.0 m/s *Miyashiro (2021) - https://twitter.com/miyashiro_kenji/status/1405866149754019845?s=21*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yamagata, Ryota (JPN) (1992)		time	1.83	2.88	3.82	4.71	5.58	6.44	7.30	8.17	9.05	9.95	9.95	6 / 1			
reaction time	0.127	interval		1.05	0.94	0.89	0.87	0.86	0.86	0.87	0.88	0.90	NR PB	# of strides	3.82	2.62	2.61
		velocity	5.46	9.52	10.64	11.24	11.49	11.63	11.63	11.49	11.36	11.11	10.05	46.7	7.85	11.45	11.49
Tada, Shuhei (JPN) (1996)		time	1.83	2.87	3.81	4.70	5.57	6.44	7.31	8.19	9.09	10.01	10.01	5 / 2			
reaction time	0.136	interval		1.04	0.94	0.89	0.87	0.87	0.87	0.88	0.90	0.92	PB	# of strides	3.81	2.63	2.65
		velocity	5.46	9.62	10.64	11.24	11.49	11.49	11.49	11.36	11.11	10.87	9.99	48.0	7.87	11.41	11.32

2021 Shimane High School Championships (Izumo, JPN)

FINAL date 29-May-21 wind 3.3 m/s *Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Fujiwara, Ryusei (JPN)	time	4.12		7.00		9.80	10.79	10.79	3 / 1				
reaction time	interval			2.88		2.80	0.99		# of strides	4.12	2.88	2.80	
	velocity	7.28		10.42		10.71	10.10	9.27	50.7	7.28	10.42	10.71	
Yoshichi, Sota (JPN)	time	4.08		6.98		9.82	10.80	10.80	4 / 2				
reaction time	interval			2.90		2.84	0.98		# of strides	4.08	2.90	2.84	
	velocity	7.35		10.34		10.56	10.20	9.26	49.5	7.35	10.34	10.56	
Okamoto, Ryotaro (JPN) (2004)	time	4.13		7.02		9.85	10.84	10.84	6 / 3				
reaction time	interval			2.89		2.83	0.99		# of strides	4.13	2.89	2.83	
	velocity	7.26		10.38		10.60	10.10	9.23	52.0	7.26	10.38	10.60	
Nishio, Kotora (JPN)	time	4.03		6.97		9.87	10.89	10.89	5 / 4				
reaction time	interval			2.94		2.90	1.02		# of strides	4.03	2.94	2.90	
	velocity	7.44		10.20		10.34	9.80	9.18	46.5	7.44	10.20	10.34	
Kawabata, Ryota (JPN)	time	4.08		7.00		9.87	10.89	10.89	8 / 5				
reaction time	interval			2.92		2.87	1.02		# of strides	4.08	2.92	2.87	
	velocity	7.35		10.27		10.45	9.80	9.18	50.3	7.35	10.27	10.45	
Takano, Shota (JPN)	time	4.08		7.03		9.93	10.96	10.96	1 / 6				
reaction time	interval			2.95		2.90	1.03		# of strides	4.08	2.95	2.90	
	velocity	7.35		10.17		10.34	9.71	9.12	52.3	7.35	10.17	10.34	
Iwasaki, Hoshun (JPN)	time	4.13		7.10		10.02	11.03	11.03	7 / 7				
reaction time	interval			2.97		2.92	1.01		# of strides	4.13	2.97	2.92	
	velocity	7.26		10.10		10.27	9.90	9.07	54.7	7.26	10.10	10.27	
Yamamoto, Shunsuke (JPN)	time	4.13		7.13		10.08	11.11	11.11	2 / 8				
reaction time	interval			3.00		2.95	1.03		# of strides	4.13	3.00	2.95	
	velocity	7.26		10.00		10.17	9.71	9.00	49.3	7.26	10.00	10.17	

2021 Doha Diamond League (Doha, QAT)

FINAL date 28-May-21 wind 0.9 m/s

Omega Timing (2021) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ogunode, Femi (QAT) (1991)		time		3.0		4.8		6.6		8.3		10.00	10.00	5 / 1			
reaction time 0.146		interval				1.80		1.80		1.70		1.70		# of strides			
		velocity		6.67		11.11		11.11		11.76		11.76	10.00	46.0			
Youssouf, Mahamat Goubaye (CH		time		3.2		5.0		6.8		8.5		10.26	10.26	4 / 2			
reaction time 0.163		interval				1.80		1.80		1.70		1.76	PB	# of strides			
		velocity		6.25		11.11		11.11		11.76		11.36	9.75	44.0			
Barrow, Owaab (QAT) (2001)		time		3.1		5.0		6.8		8.7		10.46	10.46	8 / 3			
reaction time 0.152		interval				1.90		1.80		1.90		1.76	PB	# of strides			
		velocity		6.45		10.53		11.11		10.53		11.36	9.56	46.0			
Ibrahim, Mahmoud Hafiz (KSA) (1		time		3.1		5.0		6.8		8.7		10.48	10.48	7 / 4			
reaction time 0.138		interval				1.90		1.80		1.90		1.78		# of strides			
		velocity		6.45		10.53		11.11		10.53		11.24	9.54	47.0			
Özer, Kayhan (TUR) (1998)		time		3.1		5.0		6.8		8.7		10.48	10.48	6 / 5			
reaction time 0.142		interval				1.90		1.80		1.90		1.78		# of strides			
		velocity		6.45		10.53		11.11		10.53		11.24	9.54	47.0			
Khalid, Mahamat Zakaria (QAT) (2		time		3.1		5.0		6.9		8.8		10.59	10.59	2 / 6			
reaction time 0.142		interval				1.90		1.90		1.90		1.79		# of strides			
		velocity		6.45		10.53		10.53		10.53		11.17	9.44	48.0			
Zamzoun Al-Absi, Saeed Othman		time		3.1		5.1		6.9		8.8		10.60	10.60	1 / 7			
reaction time 0.111		interval				2.00		1.80		1.90		1.80	PB	# of strides			
		velocity		6.45		10.00		11.11		10.53		11.11	9.43	46.5			
Ogunode, Tosin (QAT) (1994)		time		3.4		5.3		7.1		8.9		10.72	10.72	3 / 8			
reaction time 0.202		interval				1.90		1.80		1.80		1.82		# of strides			
		velocity		5.88		10.53		11.11		11.11		10.99	9.33	46.2			

2021 NCAA Indoor Championships (Fayetteville, AR)

FINAL date 13-Mar-21

Track Newsletter (2021) - NCAA men's indoor championships

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Williams, Micah (USA) (2001)		time			3.85			6.49	6.49	/ 1			
reaction time 0.194		interval						2.64	=PB	# of strides	3.85	2.64	
		velocity			7.79			11.36	9.24		7.79	11.36	
Ekevwo, Raymond (NGR) (1999)		time			3.85			6.54	6.54	/ 2			
reaction time 0.160		interval						2.69		# of strides	3.85	2.69	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

		velocity		7.79		11.15				9.17			7.79	11.15	
Brathwaite, Rikkoi (IVB) (1999)		time		3.87		6.56				6.56	/ 3				
reaction time	0.142	interval				2.69					# of strides		3.87	2.69	
		velocity		7.75		11.15				9.15			7.75	11.15	
Wright, Tavarius (USA) (1998)		time		3.92		6.64				6.64	/ 4				
reaction time	0.160	interval				2.72					# of strides		3.92	2.72	
		velocity		7.65		11.03				9.04			7.65	11.03	
Bouchereau, Gaston (USA)		time		3.94		6.65				6.65	/ 5				
reaction time	0.172	interval				2.71					# of strides		3.94	2.71	
		velocity		7.61		11.07				9.02			7.61	11.07	
Moore, Marcellus (USA) (2002)		time		3.96		6.65				6.65	/ 6				
reaction time	0.160	interval				2.69				=PB	# of strides		3.96	2.69	
		velocity		7.58		11.15				9.02			7.58	11.15	
Warner, Sterling (USA) (2000)		time		3.92		6.67				6.67	/ 7				
reaction time	0.137	interval				2.75					# of strides		3.92	2.75	
		velocity		7.65		10.91				9.00			7.65	10.91	
Stewart, Brendon (USA) (2000)		time		3.97		6.69				6.69	/ 8				
reaction time	0.168	interval				2.72					# of strides		3.97	2.72	
		velocity		7.56		11.03				8.97			7.56	11.03	

2020 Japanese U20 National Championships (Hiroshima, JPN)

FINAL

date 24-Oct-20 wind -2.4 m/s

Kobayashi (2020) - national high school and U20 national championhsips

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hayashi, Kanata (JPN) (2001)		time	1.91	3.00	4.00	4.95	5.90	6.84	7.79	8.75	9.73	10.72	10.72	3 / 1			
reaction time	0.144	interval		1.09	1.00	0.95	0.95	0.94	0.95	0.96	0.98	0.99		# of strides	4.00	2.84	2.89
		velocity	5.24	9.17	10.00	10.53	10.53	10.64	10.53	10.42	10.20	10.10	9.33	50.2	7.50	10.56	10.38
Hirano, Shodai (JPN) (2001)		time	1.93	3.02	4.01	4.97	5.92	6.86	7.82	8.78	9.77	10.78	10.78	7 / 2			
reaction time	0.155	interval		1.09	0.99	0.96	0.95	0.94	0.96	0.96	0.99	1.01		# of strides	4.01	2.85	2.91
		velocity	5.18	9.17	10.10	10.42	10.53	10.64	10.42	10.42	10.10	9.90	9.28	49.3	7.48	10.53	10.31
Shitara, Oga (JPN) (2001)		time	1.94	3.04	4.04	5.01	5.96	6.91	7.86	8.83	9.81	10.80	10.80	5 / 3			
reaction time	0.163	interval		1.10	1.00	0.97	0.95	0.95	0.95	0.97	0.98	0.99		# of strides	4.04	2.87	2.90
		velocity	5.15	9.09	10.00	10.31	10.53	10.53	10.53	10.31	10.20	10.10	9.26	47.5	7.43	10.45	10.34
Miyauchi, Kazuya (JPN) (2001)		time	1.93	3.04	4.04	5.01	5.96	6.90	7.85	8.82	9.80	10.81	10.81	8 / 4			
reaction time	0.167	interval		1.11	1.00	0.97	0.95	0.94	0.95	0.97	0.98	1.01		# of strides	4.04	2.86	2.90
		velocity	5.18	9.01	10.00	10.31	10.53	10.64	10.53	10.31	10.20	9.90	9.25	52.3	7.43	10.49	10.34
Nakamura, Shota (JPN) (2001)		time	1.93	3.03	4.04	5.00	5.95	6.90	7.86	8.83	9.82	10.83	10.83	6 / 5			
reaction time	0.149	interval		1.10	1.01	0.96	0.95	0.95	0.96	0.97	0.99	1.01		# of strides	4.04	2.86	2.92
		velocity	5.18	9.09	9.90	10.42	10.53	10.53	10.42	10.31	10.10	9.90	9.23	52.7	7.43	10.49	10.27
Fukagawa, Shinpei (JPN) (2002)		time	1.97	3.08	4.09	5.05	6.01	6.96	7.93	8.90	9.90	10.92	10.92	4 / 6			
reaction time	0.164	interval		1.11	1.01	0.96	0.96	0.95	0.97	0.97	1.00	1.02		# of strides	4.09	2.87	2.94
		velocity	5.08	9.01	9.90	10.42	10.42	10.53	10.31	10.31	10.00	9.80	9.16	51.8	7.33	10.45	10.20

Heat 3

date 24-Oct-20 wind -1.5 m/s

Kobayashi (2020) - national high school and U20 national championhsips

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fukagawa, Shinpei (JPN) (2002)		time	1.90	3.01	4.01	4.97	5.91	6.85	7.80	8.75	9.73	10.72	10.72	4 / 1			
	0.140	interval		1.11	1.00	0.96	0.94	0.94	0.95	0.95	0.98	0.99		# of strides	4.01	2.84	2.88
		velocity	5.26	9.01	10.00	10.42	10.64	10.64	10.53	10.53	10.20	10.10	9.33	51.9	7.48	10.56	10.42
Miyauchi, Kazuya (JPN) (2001)		time	1.93	3.04	4.05	5.02	5.97	6.92	7.87	8.83	9.81	10.81	10.81	3 / 2			
	0.163	interval		1.11	1.01	0.97	0.95	0.95	0.95	0.96	0.98	1.00		# of strides	4.05	2.87	2.89
		velocity	5.18	9.01	9.90	10.31	10.53	10.53	10.53	10.42	10.20	10.00	9.25	52.2	7.41	10.45	10.38

Heat 2

date 24-Oct-20 wind -0.2 m/s

Kobayashi (2020) - national high school and U20 national championhsips

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hayashi, Kanata (JPN) (2001)		time	1.90	2.98	3.97	4.91	5.84	6.77	7.71	8.66	9.63	10.62	10.62	5 / 1			
	0.149	interval		1.08	0.99	0.94	0.93	0.93	0.94	0.95	0.97	0.99		# of strides	3.97	2.80	2.86
		velocity	5.26	9.26	10.10	10.64	10.75	10.75	10.64	10.53	10.31	10.10	9.42	49.3	7.56	10.71	10.49
Nakamura, Shota (JPN) (2001)		time	1.98	3.08	4.08	5.03	5.96	6.90	7.84	8.79	9.76	10.76	10.76	4 / 2			
	0.160	interval		1.10	1.00	0.95	0.93	0.94	0.94	0.95	0.97	1.00		# of strides	4.08	2.82	2.86
		velocity	5.05	9.09	10.00	10.53	10.75	10.64	10.64	10.53	10.31	10.00	9.29	50.2	7.35	10.64	10.49

Heat 1

date 24-Oct-20 wind -1.1 m/s

Kobayashi (2020) - national high school and U20 national championhsips

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Shitara, Oga (JPN) (2001)		time	1.92	3.02	4.02	4.97	5.91	6.85	7.78	8.73	9.69	10.66	10.66	3 / 1			

	0.135	interval		1.10	1.00	0.95	0.94	0.94	0.93	0.95	0.96	0.97		# of strides	4.02	2.83	2.84
		velocity	5.21	9.09	10.00	10.53	10.64	10.64	10.75	10.53	10.42	10.31	9.38	47.5	7.46	10.60	10.56
Hirano, Shodai (JPN) (2001)		time	1.94	3.04	4.03	4.99	5.93	6.87	7.81	8.78	9.76	10.77	10.77	5 / 2			
	0.143	interval		1.10	0.99	0.96	0.94	0.94	0.94	0.97	0.98	1.01		# of strides	4.03	2.84	2.89
		velocity	5.15	9.09	10.10	10.42	10.64	10.64	10.64	10.31	10.20	9.90	9.29	49.0	7.44	10.56	10.38

2020 Japanese High School National Championships (Hiroshima, JPN)

A FINAL

date 24-Oct-20 wind 0.6 m/s *Kobayashi (2020) - national high school and U20 national championhsips*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Miwa, Sota (JPN) (2002)		time	1.95	3.04	4.02	4.95	5.87	6.78	7.69	8.61	9.54	10.48	10.48	4 / 1			
	reaction time 0.173	interval		1.09	0.98	0.93	0.92	0.91	0.91	0.92	0.93	0.94		# of strides	4.02	2.76	2.76
		velocity	5.13	9.17	10.20	10.75	10.87	10.99	10.99	10.87	10.75	10.64	9.54	47.5	7.46	10.87	10.87
Shigetani, Daiki (JPN) (2002)		time	1.90	2.99	3.98	4.92	5.85	6.77	7.70	8.63	9.58	10.54	10.54	6 / 2			
	reaction time 0.155	interval		1.09	0.99	0.94	0.93	0.92	0.93	0.93	0.95	0.96		# of strides	3.98	2.79	2.81
		velocity	5.26	9.17	10.10	10.64	10.75	10.87	10.75	10.75	10.53	10.42	9.49	48.6	7.54	10.75	10.68
Shimada, Kaishin (JPN) (2002)		time	1.93	3.02	4.00	4.94	5.87	6.78	7.70	8.63	9.58	10.55	10.55	5 / 3			
	reaction time 0.164	interval		1.09	0.98	0.94	0.93	0.91	0.92	0.93	0.95	0.97		# of strides	4.00	2.78	2.80
		velocity	5.18	9.17	10.20	10.64	10.75	10.99	10.87	10.75	10.53	10.31	9.48	52.2	7.50	10.79	10.71
Taka, Shoei (JPN) (2002)		time	1.92	3.02	4.02	4.97	5.91	6.84	7.77	8.70	9.65	10.61	10.61	8 / 4			
	reaction time 0.173	interval		1.10	1.00	0.95	0.94	0.93	0.93	0.93	0.95	0.96		# of strides	4.02	2.82	2.81
		velocity	5.21	9.09	10.00	10.53	10.64	10.75	10.75	10.75	10.53	10.42	9.43	53.6	7.46	10.64	10.68
Kato, Shinnosuke (JPN) (2002)		time	1.98	3.08	4.07	5.02	5.95	6.87	7.79	8.72	9.66	10.62	10.62	1 / 5			
	reaction time 0.173	interval		1.10	0.99	0.95	0.93	0.92	0.92	0.93	0.94	0.96		# of strides	4.07	2.80	2.79
		velocity	5.05	9.09	10.10	10.53	10.75	10.87	10.87	10.75	10.64	10.42	9.42	49.2	7.37	10.71	10.75
Fujiwara, Hiroto (JPN) (2003)		time	1.98	3.07	4.06	5.00	5.92	6.85	7.77	8.71	9.67	10.65	10.65	3 / 6			
	reaction time 0.174	interval		1.09	0.99	0.94	0.92	0.93	0.92	0.94	0.96	0.98		# of strides	4.06	2.79	2.82
		velocity	5.05	9.17	10.10	10.64	10.87	10.75	10.87	10.64	10.42	10.20	9.39	47.8	7.39	10.75	10.64

Heat 5

date 24-Oct-20 wind 0.3 m/s *Kobayashi (2020) - national high school and U20 national championhsips*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Miwa, Sota (JPN) (2002)		time	1.93	3.01	3.98	4.90	5.80	6.70	7.60	8.51	9.44	10.39	10.39	5 / 1			
	reaction time 0.160	interval		1.08	0.97	0.92	0.90	0.90	0.90	0.91	0.93	0.95		# of strides	3.98	2.72	2.74
		velocity	5.18	9.26	10.31	10.87	11.11	11.11	11.11	10.99	10.75	10.53	9.62	46.5	7.54	11.03	10.95

Heat 4

date 24-Oct-20 wind 0.8 m/s *Kobayashi (2020) - national high school and U20 national championhsips*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Taka, Shoei (JPN) (2002)		time	1.88	2.97	3.96	4.91	5.84	6.77	7.70	8.65	9.60	10.58	10.58	5 / 1			
	reaction time 0.140	interval		1.09	0.99	0.95	0.93	0.93	0.93	0.95	0.95	0.98		# of strides	3.96	2.81	2.83
		velocity	5.32	9.17	10.10	10.53	10.75	10.75	10.75	10.53	10.53	10.20	9.45	53.2	7.58	10.68	10.60

Heat 3

date 24-Oct-20 wind 2.0 m/s *Kobayashi (2020) - national high school and U20 national championhsips*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Shigetani, Daiki (JPN) (2002)		time	1.90	2.97	3.94	4.87	5.79	6.70	7.61	8.54	9.48	10.44	10.44	5 / 1			
	reaction time 0.150	interval		1.07	0.97	0.93	0.92	0.91	0.91	0.93	0.94	0.96		# of strides	3.94	2.76	2.78
		velocity	5.26	9.35	10.31	10.75	10.87	10.99	10.99	10.75	10.64	10.42	9.58	48.5	7.61	10.87	10.79

Heat 2

date 24-Oct-20 wind 0.2 m/s *Kobayashi (2020) - national high school and U20 national championhsips*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Shimada, Kaishin (JPN) (2002)		time	1.89	2.97	3.95	4.88	5.80	6.71	7.63	8.57	9.52	10.51	10.51	3 / 1			
	reaction time 0.142	interval		1.08	0.98	0.93	0.92	0.91	0.92	0.94	0.95	0.99		# of strides	3.95	2.76	2.81
		velocity	5.29	9.26	10.20	10.75	10.87	10.99	10.87	10.64	10.53	10.10	9.51	52.2	7.59	10.87	10.68

Heat 1

date 24-Oct-20 wind 2.0 m/s *Kobayashi (2020) - national high school and U20 national championhsips*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fujiwara, Hiroto (JPN) (2003)		time	1.94	3.02	3.99	4.93	5.84	6.75	7.67	8.60	9.55	10.53	10.53	5 / 1			
	reaction time 0.153	interval		1.08	0.97	0.94	0.91	0.91	0.92	0.93	0.95	0.98		# of strides	3.99	2.76	2.80
		velocity	5.15	9.26	10.31	10.64	10.99	10.99	10.87	10.75	10.53	10.20	9.50	47.8	7.52	10.87	10.71
Kato, Shinnosuke (JPN) (2002)		time	1.96	3.05	4.04	4.98	5.90	6.82	7.73	8.65	9.59	10.54	10.54	3 / 2			
	reaction time 0.175	interval		1.09	0.99	0.94	0.92	0.92	0.91	0.92	0.94	0.95		# of strides	4.04	2.78	2.77
		velocity	5.10	9.17	10.10	10.64	10.87	10.87	10.99	10.87	10.64	10.53	9.49	49.2	7.43	10.79	10.83

2020 Japanese National Championships (Niigata, JPN)

FINAL

date 02-Oct-20 wind -0.2 m/s *Ohunma (2020) - men's 100m race analysis at major competitions in 2020*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)		time	1.86	2.92	3.89	4.81	5.70	6.60	7.49	8.40	9.32	10.27	10.27	7 / 1			
	reaction time 0.127	interval		1.06	0.97	0.92	0.89	0.90	0.89	0.91	0.92	0.95		# of strides	3.89	2.71	2.72
		velocity	5.38	9.43	10.31	10.87	11.24	11.11	11.24	10.99	10.87	10.53	9.74	49.0	7.71	11.07	11.03

Cambridge, Aska (JPN) (1993)		time	1.89	2.97	3.93	4.85	5.75	6.64	7.53	8.43	9.34	10.28	10.28	4 / 2			
reaction time	0.154	interval		1.08	0.96	0.92	0.90	0.89	0.89	0.90	0.91	0.94		# of strides	3.93	2.71	2.70
		velocity	5.29	9.26	10.42	10.87	11.11	11.24	11.24	11.11	10.99	10.64	9.73	47.0	7.63	11.07	11.11
Koike, Yuki (JPN) (1995)		time	1.90	2.98	3.94	4.86	5.76	6.65	7.54	8.44	9.36	10.30	10.30	5 / 3			
reaction time	0.148	interval		1.08	0.96	0.92	0.90	0.89	0.89	0.90	0.92	0.94		# of strides	3.94	2.71	2.71
		velocity	5.26	9.26	10.42	10.87	11.11	11.24	11.24	11.11	10.87	10.64	9.71	51.0	7.61	11.07	11.07
Iizuka, Shota (JPN) (1991)		time	1.89	2.97	3.94	4.87	5.77	6.67	7.56	8.47	9.39	10.33	10.33	9 / 4			
reaction time	0.139	interval		1.08	0.97	0.93	0.90	0.90	0.89	0.91	0.92	0.94		# of strides	3.94	2.73	2.72
		velocity	5.29	9.26	10.31	10.75	11.11	11.11	11.24	10.99	10.87	10.64	9.68	50.0	7.61	10.99	11.03
Tada, Shushei (JPN) (1996)		time	1.85	2.91	3.87	4.78	5.68	6.58	7.49	8.41	9.36	10.34	10.34	6 / 5			
reaction time	0.142	interval		1.06	0.96	0.91	0.90	0.90	0.91	0.92	0.95	0.98		# of strides	3.87	2.71	2.78
		velocity	5.41	9.43	10.42	10.99	11.11	11.11	10.99	10.87	10.53	10.20	9.67	49.0	7.75	11.07	10.79
Suzuki, Ryota (JPN) (1999)		time	1.87	2.95	3.93	4.86	5.77	6.68	7.59	8.52	9.45	10.41	10.41	3 / 6			
reaction time	0.132	interval		1.08	0.98	0.93	0.91	0.91	0.91	0.93	0.93	0.96		# of strides	3.93	2.75	2.77
		velocity	5.35	9.26	10.20	10.75	10.99	10.99	10.99	10.75	10.75	10.42	9.61	50.2	7.63	10.91	10.83
Yanagita, Hiroki (JPN) (2003)		time	1.90	2.97	3.94	4.86	5.76	6.67	7.58	8.50	9.45	10.43	10.43	2 / 7			
reaction time	0.151	interval		1.07	0.97	0.92	0.90	0.91	0.91	0.92	0.95	0.98		# of strides	3.94	2.73	2.78
		velocity	5.26	9.35	10.31	10.87	11.11	10.99	10.99	10.87	10.53	10.20	9.59	44.5	7.61	10.99	10.79
Takeda, Ippei (JPN) (1997)		time	1.88	2.96	3.94	4.88	5.80	6.72	7.64	8.58	9.54	10.52	10.52	8 / 8			
reaction time	0.146	interval		1.08	0.98	0.94	0.92	0.92	0.92	0.94	0.96	0.98		# of strides	3.94	2.78	2.82
		velocity	5.32	9.26	10.20	10.64	10.87	10.87	10.87	10.64	10.42	10.20	9.51	50.2	7.61	10.79	10.64

Heat 6

date 01-Oct-20 wind 0.1 m/s

Ohunma (2020) - men's 100m race analysis at major competitions in 2020

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Miwa, Sota (JPN) (2002)		time	1.93	3.02	4.00	4.93	5.85	6.75	7.66	8.58	9.51	10.45	10.45	3 / 2			
reaction time	0.146	interval		1.09	0.98	0.93	0.92	0.90	0.91	0.92	0.93	0.94		# of strides	4.00	2.75	2.76
		velocity	5.18	9.17	10.20	10.75	10.87	11.11	10.99	10.87	10.75	10.64	9.57	49.6	7.50	10.91	10.87

Heat 5

date 01-Oct-20 wind -0.2 m/s

Ohunma (2020) - men's 100m race analysis at major competitions in 2020

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Suzuki, Ryota (JPN) (1999)		time	1.87	2.95	3.93	4.86	5.77	6.68	7.59	8.52	9.45	10.41	10.40	6 / 2			
reaction time	0.135	interval		1.08	0.98	0.93	0.91	0.91	0.91	0.93	0.93	0.96		# of strides	3.93	2.75	2.77
		velocity	5.35	9.26	10.20	10.75	10.99	10.99	10.99	10.75	10.75	10.42	9.62	52.2	7.63	10.91	10.83

Heat 4

date 01-Oct-20 wind -0.3 m/s

Ohunma (2020) - men's 100m race analysis at major competitions in 2020

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Miyamoto, Daisuke (JPN) (1999)		time	1.90	2.97	3.94	4.86	5.77	6.67	7.58	8.50	9.44	10.40	10.40	6 / 2			
reaction time	0.137	interval		1.07	0.97	0.92	0.91	0.90	0.91	0.92	0.94	0.96		# of strides	3.94	2.73	2.77
		velocity	5.26	9.35	10.31	10.87	10.99	11.11	10.99	10.87	10.64	10.42	9.62	52.5	7.61	10.99	10.83

Heat 2

date 01-Oct-20 wind 0.2 m/s

Ohunma (2020) - men's 100m race analysis at major competitions in 2020

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Dede, Bruno Chikwadoryo (JPN) (		time	1.91	2.98	3.94	4.87	5.77	6.68	7.59	8.51	9.46	10.43	10.43	6 / 3			
reaction time	0.134	interval		1.07	0.96	0.93	0.90	0.91	0.91	0.92	0.95	0.97		# of strides	3.94	2.74	2.78
		velocity	5.24	9.35	10.42	10.75	11.11	10.99	10.99	10.87	10.53	10.31	9.59	49.5	7.61	10.95	10.79

2020 Japanese Multi-Event National Championships (Nagano, JPN)

Decathlon - Heat 3

date 26-Sep-20 wind 0.2 m/s

Matsubayashi (2020) - research on athlete performance and technique- 2020 data book

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Taue, Shun (JPN) (1997)		time	2.01	3.14	4.17	5.15	6.11	7.07	8.03	9.01	10.00	11.01	11.01	8 / 5			
reaction time		interval		1.13	1.03	0.98	0.96	0.96	0.96	0.98	0.99	1.01		# of strides	4.17	2.90	2.93
		velocity	4.98	8.85	9.71	10.20	10.42	10.42	10.42	10.20	10.10	9.90	9.08		7.19	10.34	10.24
Nakamura, Akihiko (JPN) (1990)		time	1.97	3.10	4.12	5.11	6.08	7.04	8.02	9.00	10.00	11.02	11.02	5 / 6			
reaction time		interval		1.13	1.02	0.99	0.97	0.96	0.98	0.98	1.00	1.02		# of strides	4.12	2.92	2.96
		velocity	5.08	8.85	9.80	10.10	10.31	10.42	10.20	10.20	10.00	9.80	9.07		7.28	10.27	10.14

Decathlon - Heat 1

date 26-Sep-20 wind 0.2 m/s

Matsubayashi (2020) - research on athlete performance and technique- 2020 data book

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)		time	2.05	3.20	4.25	5.26	6.26	7.25	8.26	9.29	10.34	11.41	11.41	5 / 4			
reaction time		interval		1.15	1.05	1.01	1.00	0.99	1.01	1.03	1.05	1.07		# of strides	4.25	3.00	3.09
		velocity	4.88	8.70	9.52	9.90	10.00	10.10	9.90	9.71	9.52	9.35	8.76		7.06	10.00	9.71

2020 All Japan Corporate Championships (Kumagaya, JPN)

FINAL

date 20-Sep-20 wind 1.2 m/s

Ohunma (2020) - men's 100m race analysis at major competitions in 2020

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kusano, Seiya (JPN) (1988)		time	1.87	2.93	3.90	4.81	5.71	6.61	7.51	8.42	9.35	10.30	10.30	3 / 1			
reaction time	0.123	interval		1.06	0.97	0.91	0.90	0.90	0.90	0.91	0.93	0.95		# of strides	3.90	2.71	2.74
		velocity	5.35	9.43	10.31	10.99	11.11	11.11	11.11	10.99	10.75	10.53	9.71	50.4	7.69	11.07	10.95

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yamashita, Jun (JPN) (1997)		time	1.92	2.99	3.96	4.88	5.78	6.68	7.58	8.49	9.42	10.37	10.37	6 / 4			
reaction time	0.128	interval		1.07	0.97	0.92	0.90	0.90	0.90	0.91	0.93	0.95		# of strides	3.96	2.72	2.74
		velocity	5.21	9.35	10.31	10.87	11.11	11.11	11.11	10.99	10.75	10.53	9.64	47.5	7.58	11.03	10.95

2020 Golden Gala Pietro Mennea (Rome, ITA)

FINAL date 17-Sep-20 wind 0.3 m/s *Omega Timing (2020) - diamond league race analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Simbine, Akani (RSA) (1993)		time		3.0		4.8		6.5		8.2		9.96	9.96	5 / 1			
reaction time	0.144	interval				1.78		1.70		1.70		1.76		# of strides			
		velocity		6.62		11.24		11.76		11.76		11.36	6.02	48.2			
Cissé, Arthur (CIV) (1996)		time		3.0		4.8		6.5		8.2		10.04	10.04	2 / 2			
reaction time	0.136	interval				1.81		1.69		1.70		1.84		# of strides			
		velocity		6.67		11.05		11.83		11.76		10.87	5.98	48.0			
Tortu, Filippo (ITA) (1998)		time		3.0		4.9		6.6		8.4		10.09	10.09	6 / 3			
reaction time	0.151	interval				1.82		1.76		1.78		1.69		# of strides			
		velocity		6.58		10.99		11.36		11.24		11.83	5.95	44.0			
Jacobs, Lamont Marcell (ITA) (199		time		3.0		4.8		6.6		8.4		10.11	10.11	4 / 4			
reaction time	0.134	interval				1.80		1.80		1.80		1.71		# of strides			
		velocity		6.67		11.11		11.11		11.11		11.70	5.93	45.0			
Rodgers, Michael (USA) (1985)		time		3.0		4.8		6.6		8.4		10.12	10.12	3 / 5			
reaction time	0.153	interval				1.80		1.80		1.80		1.72		# of strides			
		velocity		6.67		11.11		11.11		11.11		11.63	5.93	45.0			
Forte, Julian (JAM) (1993)		time		3.0		4.8		6.6		8.4		10.15	10.15	7 / 6			
reaction time	0.132	interval				1.80		1.80		1.80		1.75		# of strides			
		velocity		6.67		11.11		11.11		11.11		11.43	5.91	45.0			
Almas, Deniz (GER) (1997)		time		3.0		4.9		6.7		8.5		10.27	10.27	8 / 7			
reaction time	0.143	interval				1.90		1.80		1.80		1.77		# of strides			
		velocity		6.67		10.53		11.11		11.11		11.30	5.84	49.5			
Fall, Mouhamadou (FRA) (1992)		time		3.1		4.9		6.7		8.5		10.29	10.29	1 / 8			
reaction time	0.143	interval				1.80		1.80		1.80		1.79		# of strides			
		velocity		6.45		11.11		11.11		11.11		11.17	5.83	45.7			
Burke, Mario (BAR) (1997)		time		3.0		4.9		6.7		8.5		10.34	10.34	9 / 9			
reaction time	0.123	interval				1.90		1.80		1.80		1.84		# of strides			
		velocity		6.67		10.53		11.11		11.11		10.87	5.80	45.7			

2020 Shimane High School Championships (Izumo, JPN)

FINAL date 11-Jul-20 wind 1.5 m/s *Shimizu (2020) - shimane high school championships 2020 - biomechanics data analysis*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Itsuki, Saito (JPN)		time			4.03			6.83			9.72	10.70	10.70	6 / 1			
reaction time		interval						2.80			2.89	0.98		# of strides	4.03	2.80	2.89
		velocity			7.44			10.71			10.38	10.20	9.35	49.7	7.44	10.71	10.38
Shosei, Kadoya (JPN)		time			4.05			6.88			9.78	10.70	10.79	5 / 2			
reaction time		interval						2.83			2.90	0.92		# of strides	4.05	2.83	2.90
		velocity			7.41			10.60			10.34	10.87	9.27	50.0	7.41	10.60	10.34
Watanabe, Sho (2003)		time			4.08			6.90			9.80	10.80	10.80	4 / 3			
reaction time		interval						2.82			2.90	1.00		# of strides	4.08	2.82	2.90
		velocity			7.35			10.64			10.34	10.00	9.26	51.5	7.35	10.64	10.34
Yoshichi, Sota (JPN)		time			4.18			7.00			9.97	10.99	10.99	1 / 4			
reaction time		interval						2.82			2.97	1.02		# of strides	4.18	2.82	2.97
		velocity			7.18			10.64			10.10	9.80	9.10	51.5	7.18	10.64	10.10
Inoue, Sosuke (JPN)		time			4.17			7.02			10.02	11.06	11.06	7 / 5			
reaction time		interval						2.85			3.00	1.04		# of strides	4.17	2.85	3.00
		velocity			7.19			10.53			10.00	9.62	9.04	51.5	7.19	10.53	10.00
Oya, Shunsuke (JPN) (2002)		time			4.08			7.00			10.08	11.16	11.16	8 / 6			
reaction time		interval						2.92			3.08	1.08		# of strides	4.08	2.92	3.08
		velocity			7.35			10.27			9.74	9.26	8.96	52.5	7.35	10.27	9.74
Hori, Sion (JPN) (2003)		time			4.18			7.08			10.17	11.23	11.23	3 / 7			
reaction time		interval						2.90			3.09	1.06		# of strides	4.18	2.90	3.09
		velocity			7.18			10.34			9.71	9.43	8.90	50.0	7.18	10.34	9.71
Makihara, Kazushi (JPN)		time			4.30			7.22			10.23	11.23	11.23	2 / 8			

reaction time	interval				2.92		3.01	1.00		# of strides	4.30	2.92	3.01	
	velocity	6.98			10.27		9.97	10.00	8.90	47.3	6.98	10.27	9.97	

2020 World Athletics Trials (Fuji, JPN)

Race 2

date 06-Sep-20 wind -0.9 m/s

Ohunma (2020) - men's 100m race analysis at major competitions in 2020

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Iizuka, Shota (JPN) (1991)	time	1.88	2.96	3.93	4.85	5.75	6.63	7.52	8.41	9.32	10.25	10.25	/ 1			
reaction time	interval		1.08	0.97	0.92	0.90	0.88	0.89	0.89	0.91	0.93		# of strides	3.93	2.70	2.69
	velocity	5.32	9.26	10.31	10.87	11.11	11.36	11.24	11.24	10.99	10.75	9.76	50.6	7.63	11.11	11.15

Race 1

date 06-Sep-20 wind 0.6 m/s

Ohunma (2020) - men's 100m race analysis at major competitions in 2020

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Taka, Shoei (JPN) (2002)	time	1.88	2.99	3.99	4.95	5.88	6.81	7.74	8.68	9.63	10.61	10.61	/ 5			
reaction time	interval		1.11	1.00	0.96	0.93	0.93	0.93	0.94	0.95	0.98	**=PB**	# of strides	3.99	2.82	2.82
	velocity	5.32	9.01	10.00	10.42	10.75	10.75	10.75	10.64	10.53	10.20	9.43	55.8	7.52	10.64	10.64

2020 Athlete Night Games (Fukui, JPN)

FINAL

date 29-Aug-20 wind 1.0 m/s

Ohunma (2020) - men's 100m race analysis at major competitions in 2020

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cambridge, Aska (JPN) (1993)	time	1.87	2.94	3.89	4.79	5.67	6.53	7.39	8.26	9.13	10.03	10.03	/ 1			
reaction time	interval		1.07	0.95	0.90	0.88	0.86	0.86	0.87	0.87	0.90	**PB**	# of strides	3.89	2.64	2.60
	velocity	5.35	9.35	10.53	11.11	11.36	11.63	11.63	11.49	11.49	11.11	9.97	48.5	7.71	11.36	11.54
Kiryu, Yoshihide (JPN) (1995)	time	1.84	2.91	3.86	4.77	5.65	6.52	7.39	8.27	9.16	10.06	10.06	/ 2			
reaction time	interval		1.07	0.95	0.91	0.88	0.87	0.87	0.88	0.89	0.90		# of strides	3.86	2.66	2.64
	velocity	5.43	9.35	10.53	10.99	11.36	11.49	11.49	11.36	11.24	11.11	9.94	49.6	7.77	11.28	11.36
Koike, Yuki (JPN) (1995)	time	1.93	3.01	3.97	4.88	5.76	6.64	7.51	8.39	9.28	10.19	10.19	/ 3			
reaction time	interval		1.08	0.96	0.91	0.88	0.88	0.87	0.88	0.89	0.91		# of strides	3.97	2.67	2.64
	velocity	5.18	9.26	10.42	10.99	11.36	11.36	11.49	11.36	11.24	10.99	9.81	52.1	7.56	11.24	11.36
Tada, Shuhei (JPN) (1996)	time	1.87	2.93	3.88	4.79	5.68	6.56	7.45	8.35	9.27	10.21	10.21	/ 4			
reaction time	interval		1.06	0.95	0.91	0.89	0.88	0.89	0.90	0.92	0.94		# of strides	3.88	2.68	2.71
	velocity	5.35	9.43	10.53	10.99	11.24	11.36	11.24	11.11	10.87	10.64	9.79	50.4	7.73	11.19	11.07

Heat 2

date 29-Aug-20 wind 1.5 m/s

Ohunma (2020) - men's 100m race analysis at major competitions in 2020

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tada, Shuhei (JPN) (1996)	time	1.84	2.91	3.86	4.77	5.66	6.54	7.43	8.33	9.24	10.18	10.18	/ 1			
reaction time	interval		1.07	0.95	0.91	0.89	0.88	0.89	0.90	0.91	0.94		# of strides	3.86	2.68	2.70
	velocity	5.43	9.35	10.53	10.99	11.24	11.36	11.24	11.11	10.99	10.64	9.82	51.5	7.77	11.19	11.11
Mizukubo, Soshi (JPN) (1999)	time	1.86	2.94	3.92	4.85	5.75	6.64	7.53	8.42	9.33	10.26	10.26	/ 2			
reaction time	interval		1.08	0.98	0.93	0.90	0.89	0.89	0.89	0.91	0.93		# of strides	3.92	2.72	2.69
	velocity	5.38	9.26	10.20	10.75	11.11	11.24	11.24	11.24	10.99	10.75	9.75	48.8	7.65	11.03	11.15
Shiraishi, Kirara (JPN) (1996)	time	1.87	2.95	3.93	4.86	5.76	6.66	7.55	8.46	9.38	10.31	10.31	/ 3			
reaction time	interval		1.08	0.98	0.93	0.90	0.90	0.89	0.91	0.92	0.93		# of strides	3.93	2.73	2.72
	velocity	5.35	9.26	10.20	10.75	11.11	11.11	11.24	10.99	10.87	10.75	9.70	49.6	7.63	10.99	11.03

2020 Seiko Golden Grand Prix (Tokyo, JPN)

Heat 3

date 23-Aug-20 wind 0.7 m/s

Ohunma (2020) - men's 100m race analysis at major competitions in 2020

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Takeda, Ippei (JPN) (1997)	time	1.87	2.95	3.91	4.83	5.73	6.63	7.52	8.42	9.33	10.25	10.25	9 / 3			
reaction time 0.149	interval		1.08	0.96	0.92	0.90	0.90	0.89	0.90	0.91	0.92	**PB**	# of strides	3.91	2.72	2.70
	velocity	5.35	9.26	10.42	10.87	11.11	11.11	11.24	11.11	10.99	10.87	9.76	51.8	7.67	11.03	11.11
Yanagita, Hiroki (JPN) (2003)	time	1.87	2.95	3.91	4.83	5.73	6.63	7.52	8.42	9.33	10.25	10.27	3 / 4			
reaction time 0.157	interval		1.08	0.96	0.92	0.90	0.90	0.89	0.90	0.91	0.92	**PB**	# of strides	3.91	2.72	2.70
	velocity	5.35	9.26	10.42	10.87	11.11	11.11	11.24	11.11	10.99	10.87	9.74	46.9	7.67	11.03	11.11
Inoue, Mizuki (JPN) (2003)	time	1.88	2.96	3.95	4.89	5.82	6.74	7.67	8.62	9.57	10.55	10.55	2 / 8			
reaction time 0.151	interval		1.08	0.99	0.94	0.93	0.92	0.93	0.95	0.95	0.98		# of strides	3.95	2.79	2.83
	velocity	5.32	9.26	10.10	10.64	10.75	10.87	10.75	10.53	10.53	10.20	9.48	51.9	7.59	10.75	10.60
Goto, Tatsuki (JPN) (2002)	time	1.95	3.06	4.07	5.04	5.99	6.94	7.90	8.87	9.86	10.87	10.87	1 / 9			
reaction time 0.158	interval		1.11	1.01	0.97	0.95	0.95	0.96	0.97	0.99	1.01		# of strides	4.07	2.87	2.92
	velocity	5.13	9.01	9.90	10.31	10.53	10.53	10.42	10.31	10.10	9.90	9.20	50.9	7.37	10.45	10.27

Heat 2

date 23-Aug-20 wind 0.7 m/s

Ohunma (2020) - men's 100m race analysis at major competitions in 2020

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kawata, Kosuke (JPN) (2003)	time	1.87	2.96	3.94	4.89	5.81	6.73	7.65	8.58	9.53	10.49	10.49	3 / 5			
reaction time 0.128	interval		1.09	0.98	0.95	0.92	0.92	0.92	0.93	0.95	0.96		# of strides	3.94	2.79	2.80
	velocity	5.35	9.17	10.20	10.53	10.87	10.87	10.87	10.75	10.53	10.42	9.53	53.2	7.61	10.75	10.71
Fujiwara, Hiroto (JPN) (2003)	time	1.92	3.02	4.01	4.95	5.87	6.78	7.70	8.64	9.59	10.58	10.58	2 / 7			

reaction time	0.151	interval		1.10	0.99	0.94	0.92	0.91	0.92	0.94	0.95	0.99	PB	# of strides	4.01	2.77	2.81
		velocity	5.21	9.09	10.10	10.64	10.87	10.99	10.87	10.64	10.53	10.10	9.45	51.2	7.48	10.83	10.68

Heat 1

date 23-Aug-20 wind -0.3 m/s

Ohunma (2020) - men's 100m race analysis at major competitions in 2020

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yamagata, Ryota (JPN) (1992)		time	1.87	2.94	3.91	4.84	5.76	6.67	7.59	8.52	9.46	10.42	10.42	6 / 3			
reaction time	0.125	interval		1.07	0.97	0.93	0.92	0.91	0.92	0.93	0.94	0.96		# of strides	3.91	2.76	2.79
		velocity	5.35	9.35	10.31	10.75	10.87	10.99	10.87	10.75	10.64	10.42	9.60	52.6	7.67	10.87	10.75
Izawa, Makoto (JPN) (2002)		time	1.87	2.93	3.90	4.82	5.73	6.64	7.55	8.48	9.44	10.42	10.42	2 / 4			
reaction time	0.107	interval		1.06	0.97	0.92	0.91	0.91	0.91	0.93	0.96	0.98	PB	# of strides	3.90	2.74	2.80
		velocity	5.35	9.43	10.31	10.87	10.99	10.99	10.99	10.75	10.42	10.20	9.60	50.0	7.69	10.95	10.71

2020 Millrose Games (New York, NY)

FINAL

date 08-Feb-20

PrimeTime Timing (2020.02.08) - http://results.nyrrmillrosegames.org/

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Baker, Ronnie (USA) (1993)		time	2.02	3.02	3.91	4.80	5.66	6.54	6.54	3 / 1			
reaction time	0.194	interval		1.00	0.89	0.89	0.86	0.88		# of strides	3.91	2.63	
		velocity	4.95	10.00	11.24	11.24	11.63	11.36	9.17	30.2	7.67	11.41	
Kemp, Demek (USA) (1996)		time	1.99	3.00	3.92	4.81	5.69	6.56	6.56	4 / 2			
reaction time	0.162	interval		1.01	0.92	0.89	0.88	0.87		# of strides	3.92	2.64	
		velocity	5.03	9.90	10.87	11.24	11.36	11.49	9.15	30.5	7.65	11.36	
Rattray, Kevaughn (JAM) (1996)		time	2.03	3.04	3.96	4.86	5.76	6.62	6.62	7 / 3			
reaction time	0.152	interval		1.01	0.92	0.90	0.90	0.86		# of strides	3.96	2.66	
		velocity	4.93	9.90	10.87	11.11	11.11	11.63	9.06	30.2	7.58	11.28	
Bracy, Marvin (USA) (1993)		time		3.11	4.04	4.94	5.84	6.67	6.67	6 / 4			
reaction time	0.171	interval			0.93	0.90	0.90	0.83		# of strides	4.04	2.63	
		velocity		6.43	10.75	11.11	11.11	12.05	9.00	31.2	7.43	11.41	
Gillespie, Cravon (USA) (1996)		time		3.10	4.03	4.95	5.84	6.70	6.70	2 / 5			
reaction time	0.212	interval			0.93	0.92	0.89	0.86		# of strides	4.03	2.67	
		velocity		6.45	10.75	10.87	11.24	11.63	8.96	29.7	7.44	11.24	
Koike, Yuki (JPN) (1995)		time		3.12	4.05	4.95	5.81	6.71	6.71	5 / 6			
reaction time	0.164	interval			0.93	0.90	0.86	0.90		# of strides	4.05	2.66	
		velocity		6.41	10.75	11.11	11.63	11.11	8.94	33.5	7.41	11.28	
Bascom, Jeremy (GUY) (1981)		time		3.10	4.04	4.98	5.90	6.81	6.81	8 / 7			
reaction time	0.160	interval			0.94	0.94	0.92	0.91		# of strides	4.04	2.77	
		velocity		6.45	10.64	10.64	10.87	10.99	8.81	31.7	7.43	10.83	
Williams, Mustaqeem (USA) (1995)		time		3.18	4.15	5.07	6.00	6.86	6.86	1 / 8			
reaction time	0.207	interval			0.97	0.92	0.93	0.86		# of strides	4.15	2.71	
		velocity		6.29	10.31	10.87	10.75	11.63	8.75	31.5	7.23	11.07	

2020 New Balance Indoor Grand Prix (Boston, MA)

FINAL

date 25-Jan-19

PrimeTime Timing (2020) - https://results.nbindoorgrandprix.com/

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kemp, Demek (USA) (1996)	time	2.05	3.04	3.95	4.85	5.74	6.50	6.50	3 / 1			
reaction time	interval		0.99	0.91	0.90	0.89	0.76	PB	# of strides	3.95	2.55	
	velocity	4.88	10.10	10.99	11.11	11.24	13.16	9.23	30.7	7.59	11.76	
Walter, Keitavious (USA) (1996)	time	2.11	3.13	4.06	4.96	5.85	6.61	6.61	1 / 2			
reaction time	interval		1.02	0.93	0.90	0.89	0.76		# of strides	4.06	2.55	
	velocity	4.74	9.80	10.75	11.11	11.24	13.16	9.08	31.0	7.39	11.76	
Xu Zhouzheng (CHN) (1995)	time	2.13	3.16	4.09	5.00	5.89	6.68	6.68	8 / 3			
reaction time	interval		1.03	0.93	0.91	0.89	0.79		# of strides	4.09	2.59	
	velocity	4.69	9.71	10.75	10.99	11.24	12.66	8.98	29.7	7.33	11.58	
Koike, Yuki (JPN) (1995)	time	2.14	3.17	4.11	5.02	5.92	6.69	6.69	5 / 4			
reaction time	interval		1.03	0.94	0.91	0.90	0.77	PB	# of strides	4.11	2.58	
	velocity	4.67	9.71	10.64	10.99	11.11	12.99	8.97	33.0	7.30	11.63	
Powell, Asafa (JAM) (1982)	time	2.13	3.15	4.09	5.01	5.89	6.71	6.71	7 / 5			
reaction time	interval		1.02	0.94	0.92	0.88	0.82		# of strides	4.09	2.62	
	velocity	4.69	9.80	10.64	10.87	11.36	12.20	8.94	29.2	7.33	11.45	
Aikines-Aryeetey, Harry (GBR) (19	time	2.15	3.21	4.16	5.08	5.98	6.73	6.73	2 / 6			
reaction time	interval		1.06	0.95	0.92	0.90	0.75		# of strides	4.16	2.57	
	velocity	4.65	9.43	10.53	10.87	11.11	13.33	8.92	31.5	7.21	11.67	
Bromell, Trayvon (USA) (1995)	time	2.14	3.17	4.13	5.06	5.96	6.84	6.84	6 / 7			

reaction time		interval		1.03	0.96	0.93	0.90	0.88					# of strides	4.13	2.71
		velocity	4.67	9.71	10.42	10.75	11.11	11.36				8.77	31.0	7.26	11.07

2019 National Sports Festival (Hitachinaka, JPN)

FINAL

date 05-Oct-19 wind -0.1 m/s

Enomoto (2019) - research on athlete performance and technique- 2019 data book

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Higashida, Akihiro (JPN) (1995)		time			3.93		5.75					10.34	10.34	4 / 1			
reaction time	0.154	interval					1.82					4.59		# of strides	3.93		
		velocity			7.63		3.48					10.89	9.67	47.2	7.63		
Matsuo, Ryuga (JPN) (1998)		time			3.97		5.79					10.40	10.40	5 / 2			
reaction time	0.144	interval					1.82					4.61		# of strides	3.97		
		velocity			7.56		3.45					10.85	9.62	47.7	7.56		
Someya, Yoshihiro (JPN) (1998)		time			4.00		5.84					10.49	10.49	3 / 3			
reaction time	0.170	interval					1.84					4.65		# of strides	4.00		
		velocity			7.50		3.42					10.75	9.53	46.0	7.50		
Nagata, Shunto (JPN) (1996)		time			3.96		5.81					10.52	10.52	2 / 4			
reaction time	0.138	interval					1.85					4.71		# of strides	3.96		
		velocity			7.58		3.44					10.62	9.51	50.5	7.58		
Iwasaki, Kotaro (JPN) (1996)		time			3.91		5.75					10.53	10.53	9 / 5			
reaction time	0.147	interval					1.84					4.78		# of strides	3.91		
		velocity			7.67		3.48					10.46	9.50	49.2	7.67		
Minamiyama, Yoshiki (JPN) (1998)		time			3.97		5.84					10.54	10.54	8 / 6			
reaction time	0.132	interval					1.87					4.70		# of strides	3.97		
		velocity			7.56		3.42					10.64	9.49	50.0	7.56		
Sosui, Mizukubo (JPN) (1999)		time			4.03		5.91					10.55	10.55	6 / 7			
reaction time	0.149	interval					1.88					4.64		# of strides	4.03		
		velocity			7.44		3.38					10.78	9.48	47.2	7.44		
Kawakami, Takuya (JPN) (1995)		time			3.97		5.81					10.70	10.70	7 / 8			
reaction time	0.140	interval					1.84					4.89		# of strides	3.97		
		velocity			7.56		3.44					10.22	9.35	49.0	7.56		

U20 FINAL

date 04-Oct-19 wind -2.3 m/s

Enomoto (2019) - research on athlete performance and technique- 2019 data book

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ikeda, Seiryo (JPN) (2002)		time			4.04		5.95					10.73	10.73	4 / 1			
reaction time	0.145	interval					1.91					4.78		# of strides	4.04		
		velocity			7.43		3.36					10.46	9.32		7.43		
Nakamura, Shota (JPN) (2001)		time			4.04		5.96					10.78	10.78	2 / 2			
reaction time	0.153	interval					1.92					4.82		# of strides	4.04		
		velocity			7.43		3.36					10.37	9.28		7.43		
Inoue, Mizuki (JPN) (2003)		time			4.04		5.96					10.78	10.78	6 / 3			
reaction time	0.164	interval					1.92					4.82		# of strides	4.04		
		velocity			7.43		3.36					10.37	9.28		7.43		
Fujiwara, Hiroto (JPN) (2003)		time			4.09		6.00					10.85	10.85	5 / 4			
reaction time	0.151	interval					1.91					4.85		# of strides	4.09		
		velocity			7.33		3.33					10.31	9.22		7.33		
Akiyama, Yuki (JPN) (2001)		time			4.06		6.00					10.88	10.88	9 / 5			
reaction time	0.154	interval					1.94					4.88		# of strides	4.06		
		velocity			7.39		3.33					10.25	9.19		7.39		
Miyauchi, Kazuya (JPN) (2001)		time			4.06		5.98					10.90	10.90	7 / 6			
reaction time	0.156	interval					1.92					4.92		# of strides	4.06		
		velocity			7.39		3.34					10.16	9.17		7.39		
Hayashi, Kanata (JPN) (2001)		time			4.06		6.00					10.92	10.92	8 / 7			
reaction time	0.155	interval					1.94					4.92		# of strides	4.06		
		velocity			7.39		3.33					10.16	9.16		7.39		
Iwamoto, Kosuke (JPN) (2002)		time			4.12		6.10					11.01	11.01	3 / 8			
reaction time	0.154	interval					1.98					4.91		# of strides	4.12		
		velocity			7.28		3.28					10.18	9.08		7.28		

U18 FINAL

date 04-Oct-19 wind -1.1 m/s

Enomoto (2019) - research on athlete performance and technique- 2019 data book

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tsubasa, Suzuki (JPN) (2003)		time			4.11		6.05					10.95	10.95	5 / 1			
reaction time	0.138	interval					1.94					4.90		# of strides	4.11		

		velocity		7.30		3.31			10.20	9.13		7.30
Ogi, Machii (JPN) (2003)		time		4.06		6.01			10.96	10.96	7 / 2	
reaction time	0.143	interval				1.95			4.95		# of strides	4.06
		velocity		7.39		3.33			10.10	9.12		7.39
Terasawa, Daichi (JPN) (2003)		time		4.14		6.06			11.07	11.07	4 / 3	
reaction time	0.176	interval				1.92			5.01		# of strides	4.14
		velocity		7.25		3.30			9.98	9.03		7.25
Sugimoto, Yuya (JPN) (2003)		time		4.11		6.06			11.11	11.11	2 / 4	
reaction time	0.175	interval				1.95			5.05		# of strides	4.11
		velocity		7.30		3.30			9.90	9.00		7.30
Hoshida, Daichi (JPN) (2003)		time		4.14		6.13			11.13	11.13	3 / 5	
reaction time	0.182	interval				1.99			5.00		# of strides	4.14
		velocity		7.25		3.26			10.00	8.98		7.25
Tateno, Shunki (JPN) (2003)		time		4.21		6.21			11.18	11.18	6 / 6	
reaction time	0.182	interval				2.00			4.97		# of strides	4.21
		velocity		7.13		3.22			10.06	8.94		7.13
Yamamoto, Eien (JPN) (2003)		time		4.15		6.16			11.21	11.21	9 / 7	
reaction time	0.150	interval				2.01			5.05		# of strides	4.15
		velocity		7.23		3.25			9.90	8.92		7.23
Nakayama, Tomoki (JPN) (2004)		time		4.18		6.20			11.30	11.30	8 / 8	
reaction time	0.167	interval				2.02			5.10		# of strides	4.18
		velocity		7.18		3.23			9.80	8.85		7.18

2019 IAAF World Championships (Doha, QAT)

Pang (2021) - kinematic analysis of key technical links of eight athletes in men's 100m final of 2019 world championships

FINAL

date 28-Sep-19 wind 0.6 m/s

Hayato (2019) - race analysis of men's 100m at major comeptions in 2019

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Coleman, Christian (USA) (1996)		time	1.83	2.85	3.77	4.64	5.48	6.32	7.16	8.01	8.88	9.76	9.76	4 / 1			*Hayato (2019)*
reaction time	0.128	interval		1.02	0.92	0.87	0.84	0.84	0.84	0.85	0.87	0.88	PB	# of strides	3.77	2.55	2.56
		velocity	5.46	9.80	10.87	11.49	11.90	11.90	11.90	11.76	11.49	11.36	10.25	47.0	7.96	11.76	11.72
Gatlin, Justin (USA) (1982)		time	1.84	2.88	3.81	4.70	5.56	6.42	7.27	8.13	9.00	9.89	9.89	3 / 2			*Hayato (2019)*
reaction time	0.148	interval		1.04	0.93	0.89	0.86	0.86	0.85	0.86	0.87	0.89		# of strides	3.81	2.61	2.58
		velocity	5.43	9.62	10.75	11.24	11.63	11.63	11.76	11.63	11.49	11.24	10.11	44.0	7.87	11.49	11.63
de Grasse, Andre (CAN) (1994)		time	1.88	2.94	3.88	4.77	5.63	6.48	7.32	8.17	9.03	9.99	9.90	6 / 3			*Hayato (2019)*
reaction time	0.140	interval		1.06	0.94	0.89	0.86	0.85	0.84	0.85	0.86	0.96	PB	# of strides	3.88	2.60	2.55
		velocity	5.32	9.43	10.64	11.24	11.63	11.76	11.90	11.76	11.63	10.42	10.10	46.7	7.73	11.54	11.76
Simbine, Akani (RSA) (1993)		time	1.87	2.92	3.85	4.74	5.60	6.46	7.31	8.17	9.04	9.93	9.93	5 / 4			*Hayato (2019)*
reaction time	0.117	interval		1.05	0.93	0.89	0.86	0.86	0.85	0.86	0.87	0.89		# of strides	3.85	2.61	2.58
		velocity	5.35	9.52	10.75	11.24	11.63	11.63	11.76	11.63	11.49	11.24	10.07	48.0	7.79	11.49	11.63
Blake, Yohan (JAM) (1989)		time	1.89	2.88	3.85	4.73	5.60	6.45	7.32	8.18	9.05	9.97	9.97	8 / 5			*Pang (2021)*
reaction time	0.142	interval		0.99	0.97	0.88	0.87	0.85	0.87	0.86	0.87	0.92		# of strides	3.85	2.60	2.60
		velocity	5.29	10.10	10.31	11.36	11.49	11.76	11.49	11.63	11.49	10.87	10.03	45.2	7.79	11.54	11.54
Hughes, Zharnel (GBR) (1995)		time	1.91	2.97	3.91	4.80	5.66	6.52	7.37	8.23	9.11	10.03	10.03	7 / 6			*Hayato (2019)*
reaction time	0.119	interval		1.06	0.94	0.89	0.86	0.86	0.85	0.86	0.88	0.92		# of strides	3.91	2.61	2.59
		velocity	5.24	9.43	10.64	11.24	11.63	11.63	11.76	11.63	11.36	10.87	9.97	45.0	7.67	11.49	11.58
Tortu, Filippo (ITA) (1998)		time	1.92	2.94	3.87	4.76	5.64	6.52	7.39	8.27	9.15	10.07	10.07	2 / 7			*Pang (2021)*
reaction time	0.158	interval		1.02	0.93	0.89	0.88	0.88	0.87	0.88	0.88	0.92		# of strides	3.87	2.65	2.63
		velocity	5.21	9.80	10.75	11.24	11.36	11.36	11.49	11.36	11.36	10.87	9.93	44.0	7.75	11.32	11.41
Brown, Aaron (CAN) (1992)		time	1.86	2.90	3.87	4.78	5.67	6.55	7.41	8.28	9.17	10.08	10.08	9 / 8			*Pang (2021)*
reaction time	0.155	interval		1.04	0.97	0.91	0.89	0.88	0.86	0.87	0.89	0.91		# of strides	3.87	2.68	2.62
		velocity	5.38	9.62	10.31	10.99	11.24	11.36	11.63	11.49	11.24	10.99	9.92	47.2	7.75	11.19	11.45

Semi-Final 2

date 28-Sep-19 wind -0.1 m/s

Hayato (2019) - race analysis of men's 100m at major comeptions in 2019

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xie Zhenye (CHN) (1993)		time	1.93	2.98	3.91	4.81	5.68	6.55	7.43	8.31	9.21	10.14	10.14	9 / 4			
reaction time	0.188	interval		1.05	0.93	0.90	0.87	0.87	0.88	0.88	0.90	0.93		# of strides	3.91	2.64	2.66
		velocity	5.18	9.52	10.75	11.11	11.49	11.49	11.36	11.36	11.11	10.75	9.86	47.5	7.67	11.36	11.28

Heat 4

date 27-Sep-19 wind -0.3 m/s

Hayato (2019) - race analysis of men's 100m at major comeptions in 2019

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Su Bingtian (CHN) (1989)		time	1.86	2.92	3.88	4.79	5.68	6.57	7.46	8.36	9.28	10.21	10.21	8 / 5			
reaction time	0.129	interval		1.06	0.96	0.91	0.89	0.89	0.89	0.90	0.92	0.93		# of strides	3.88	2.69	2.71
		velocity	5.38	9.43	10.42	10.99	11.24	11.24	11.24	11.11	10.87	10.75	9.79	48.0	7.73	11.15	11.07

2019 The Match - Europe v USA (Minsk, BLR)

FINAL

date 09-Sep-19 wind -1.1 m/s

European Athletics (2019) - race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Rodgers, Michael (USA) (1985)		time					5.85					10.20	10.20	3 / 1			
reaction time	0.152	interval										4.35		# of strides			
		velocity					8.55					11.49	9.80	46.0			
Belcher, Christopher (USA) (1994)		time					5.89					10.25	10.25	9 / 2			
reaction time	0.158	interval										4.36		# of strides			
		velocity					8.49					11.47	9.76	48.7			
Kemp, Demek (USA) (1996)		time					5.83					10.28	10.28	7 / 3			
reaction time	0.206	interval										4.45		# of strides			
		velocity					8.58					11.24	9.73	47.0			
Tortu, Filippo (ITA) (1998)		time					5.89					10.29	10.29	4 / 4			
reaction time	0.180	interval										4.40		# of strides			
		velocity					8.49					11.36	9.72	45.0			
Edoburun, Ojie (GBR) (1996)		time					5.88					10.31	10.31	6 / 5			
reaction time	0.148	interval										4.43		# of strides			
		velocity					8.50					11.29	9.70	44.0			
Garia, Christopher (NED) (1992)		time					5.89					10.46	10.46	2 / 6			
reaction time	0.158	interval										4.57		# of strides			
		velocity					8.49					10.94	9.56	46.5			
Domogala, Patrick (GER) (1993)		time					6.03					10.57	10.57	8 / 7			
reaction time	0.157	interval										4.54		# of strides			
		velocity					8.29					11.01	9.46	45.0			

2019 Japanese World Championships Trials (Fujiyoshida, JPN)

A FINAL

date 01-Sep-19 wind 1.0 m/s

Hayato (2019) - race analysis of men's 100m at major comeptions in 2019

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kawakami, Takuya (JPN) (1995)	time	1.83	2.88	3.83	4.74	5.63	6.53	7.42	8.34	9.27	10.22	10.22	3 / 4			
reaction time	interval		1.05	0.95	0.91	0.89	0.90	0.89	0.92	0.93	0.95	**PB**	# of strides	3.83	2.70	2.74
	velocity	5.46	9.52	10.53	10.99	11.24	11.11	11.24	10.87	10.75	10.53	9.78	51.2	7.83	11.11	10.95

B FINAL

date 01-Sep-19 wind 0.9 m/s

Hayato (2019) - race analysis of men's 100m at major comeptions in 2019

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Miyagi, Tatsuro (JPN) (1997)	time	1.92	3.00	3.97	4.89	5.79	6.67	7.56	8.44	9.34	10.25	10.25	6 / 1			
reaction time	interval		1.08	0.97	0.92	0.90	0.88	0.89	0.88	0.90	0.91		# of strides	3.97	2.70	2.67
	velocity	5.21	9.26	10.31	10.87	11.11	11.36	11.24	11.36	11.11	10.99	9.76	49.0	7.56	11.11	11.24

2019 Weltklasse (Zürich, SUI)

FINAL

date 29-Aug-19 wind -0.4 m/s

Omega Timing (2019) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lyles, Noah (USA) (1997)		time		3.1		4.9		6.6		8.3		9.98	9.98	4 / 1			
reaction time	0.154	interval				1.8		1.7		1.7		1.68		# of strides			
		velocity		6.45		11.11		11.76		11.76		11.90	10.02	46.5			
Xie Zhenye (CHN) (1993)		time		3.0		4.8		6.6		8.3		10.04	10.04	9 / 2			
reaction time	0.143	interval				1.8		1.8		1.7		1.74		# of strides			
		velocity		6.67		11.11		11.11		11.76		11.49	9.96	47.0			
Blake, Yohan (JAM) (1989)		time		3.0		4.9		6.6		8.4		10.07	10.07	2 / 3			
reaction time	0.170	interval				1.9		1.7		1.8		1.67		# of strides			
		velocity		6.67		10.53		11.76		11.11		11.98	9.93	46.0			
Gatlin, Justin (USA) (1982)		time		3.0		4.9		6.6		8.3		10.08	10.08	3 / 4			
reaction time	0.153	interval				1.9		1.7		1.7		1.78		# of strides			
		velocity		6.67		10.53		11.76		11.76		11.24	9.92	44.0			
Simbine, Akani (RSA) (1993)		time		3.0		4.9		6.6		8.4		10.10	10.10	5 / 5			
reaction time	0.142	interval				1.9		1.7		1.8		1.70		# of strides			
		velocity		6.67		10.53		11.76		11.11		11.76	9.90	48.0			
Hughes, Zharnel (GBR) (1995)		time		3.1		5.0		6.7		8.4		10.15	10.15	6 / 6			
reaction time	0.113	interval				1.9		1.7		1.7		1.75		# of strides			
		velocity		6.45		10.53		11.76		11.76		11.43	9.85	46.0			
Gemili, Adam (GBR) (1993)		time		3.1		4.9		6.7		8.4		10.15	10.15	1 / 7			
reaction time	0.130	interval				1.8		1.8		1.7		1.75		# of strides			
		velocity		6.45		11.11		11.11		11.76		11.43	9.85	*47.0*			

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Rodgers, Michael (USA) (1985)		time		3.0		4.9		6.6		8.4		10.16	10.16	8 / 8			
reaction time	0.146	interval				1.9		1.7		1.8		1.76		# of strides			
		velocity		6.67		10.53		11.76		11.11		11.36	9.84	45.2			
Wilson, Alex (SUI) (1990)		time		3.1		5.0		6.8		8.6		10.40	10.40	7 / 9			
reaction time	0.121	interval				1.9		1.8		1.8		1.80		# of strides			
		velocity		6.45		10.53		11.11		11.11		11.11	9.62	46.2			

2019 Müller Grand Prix (Birmingham, GBR)

FINAL

date 18-Aug-19 wind 2.0 m/s

Omega Timing (2019) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Blake, Yohan (JAM) (1989)		time		3.0		4.9		6.6		8.3		10.07	10.07	4 / 1			
reaction time	0.144	interval				1.9		1.7		1.7		1.77		# of strides			
		velocity		6.67		10.53		11.76		11.76		11.30	9.93	46.0			
Gemili, Adam (GBR) (1993)		time		3.0		4.9		6.6		8.4		10.07	10.07	6 / 2			
reaction time	0.136	interval				1.9		1.7		1.8		1.67		# of strides			
		velocity		6.67		10.53		11.76		11.11		11.98	9.93	47.5			
Rodgers, Michael (USA) (1985)		time		3.0		4.9		6.6		8.4		10.09	10.09	7 / 3			
reaction time	0.147	interval				1.9		1.7		1.8		1.69		# of strides			
		velocity		6.67		10.53		11.76		11.11		11.83	9.91	44.7			
Belcher, Christopher (USA) (1994)		time		3.0		4.9		6.7		8.4		10.13	10.13	5 / 4			
reaction time	0.153	interval				1.9		1.8		1.7		1.73		# of strides			
		velocity		6.67		10.53		11.11		11.76		11.56	9.87	49.0			
de Grasse, Andre (CAN) (1994)		time		3.1		4.9		6.7		8.4		10.13	10.13	8 / 5			
reaction time	0.133	interval				1.8		1.8		1.7		1.73		# of strides			
		velocity		6.45		11.11		11.11		11.76		11.56	9.87	46.5			
Tracey, Tyquendo (JAM) (1993)		time		3.0		4.9		6.6		8.4		10.14	10.14	3 / 6			
reaction time	0.133	interval				1.9		1.7		1.8		1.74		# of strides			
		velocity		6.67		10.53		11.76		11.11		11.49	9.86	46.5			
Simbine, Akani (RSA) (1993)		time		3.1		4.9		6.7		8.4		10.15	10.15	2 / 7			
reaction time	0.122	interval				1.8		1.8		1.7		1.75		# of strides			
		velocity		6.45		11.11		11.11		11.76		11.43	9.85	48.0			
Xie Zhenye (CHN) (1993)		time		3.1		4.9		6.6		8.4		10.17	10.17	9 / 8			
reaction time	0.153	interval				1.8		1.7		1.8		1.77		# of strides			
		velocity		6.45		11.11		11.76		11.11		11.30	9.83	47.5			

Heat 2

date 18-Aug-19 wind -0.3 m/s

Omega Timing (2019) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Rodgers, Michael (USA) (1985)		time		3.1		4.9		6.6		8.4		10.16	10.16	7 / 1			
reaction time	0.164	interval				1.8		1.7		1.8		1.76		# of strides			
		velocity		6.45		11.11		11.76		11.11		11.36	9.84				
Blake, Yohan (JAM) (1989)		time		3.0		4.9		6.6		8.4		10.18	10.18	6 / 2			
reaction time	0.144	interval				1.9		1.7		1.8		1.78		# of strides			
		velocity		6.67		10.53		11.76		11.11		11.24	9.82				
Xie Zhenye (CHN) (1993)		time		3.0		4.9		6.6		8.4		10.19	10.19	5 / 3			
reaction time	0.160	interval				1.9		1.7		1.8		1.79		# of strides			
		velocity		6.67		10.53		11.76		11.11		11.17	9.81				
Cissé, Arthur (CIV) (1996)		time		3.0		4.9		6.6		8.4		10.29	10.29	4 / 4			
reaction time	0.165	interval				1.9		1.7		1.8		1.89		# of strides			
		velocity		6.67		10.53		11.76		11.11		10.58	9.72				
Su Bingtian (CHN) (1989)		time		3.1		4.9		6.7		8.5		10.36	10.36	8 / 5			
reaction time	0.143	interval				1.8		1.8		1.8		1.86		# of strides			
		velocity		6.45		11.11		11.11		11.11		10.75	9.65				
Glave, Romell (JAM) (1999)		time		3.2		5.0		6.8		8.6		10.42	10.42	3 / 6			
reaction time	0.109	interval				1.8		1.8		1.8		1.82		# of strides			
		velocity		6.25		11.11		11.11		11.11		10.99	9.60				
Bromby, Oliver (GBR) (1998)		time		3.1		5.0		6.8		8.6		10.44	10.44	2 / 7			
reaction time	0.158	interval				1.9		1.8		1.8		1.84		# of strides			
		velocity		6.45		10.53		11.11		11.11		10.87	9.58				
Kemp, Demek (USA) (1996)		time		3.0		4.9		6.7		8.5		10.44	10.44	9 / 8			
reaction time	0.151	interval				1.9		1.8		1.8		1.94		# of strides			
		velocity		6.67		10.53		11.11		11.11		10.31	9.58				

Heat 1

date 18-Aug-19 wind 0.7 m/s

Omega Timing (2019) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gemili, Adam (GBR) (1993)		time		3.0		4.9		6.6		8.3		10.08	10.08	7 / 1			
reaction time	0.138	interval				1.9		1.7		1.7		1.78		# of strides			
		velocity		6.67		10.53		11.76		11.76		11.24	9.92				
Belcher, Christopher (USA) (1994)		time		3.0		4.8		6.6		8.4		10.09	10.09	8 / 2			
reaction time	0.136	interval				1.8		1.8		1.8		1.69		# of strides			
		velocity		6.67		11.11		11.11		11.11		11.83	9.91				
de Grasse, Andre (CAN) (1994)		time		3.1		4.9		6.7		8.4		10.14	10.14	4 / 3			
reaction time	0.136	interval				1.8		1.8		1.7		1.74		# of strides			
		velocity		6.45		11.11		11.11		11.76		11.49	9.86				
Simbine, Akani (RSA) (1993)		time		3.0		4.9		6.6		8.4		10.15	10.15	5 / 4			
reaction time	0.139	interval				1.9		1.7		1.8		1.75		# of strides			
		velocity		6.67		10.53		11.76		11.11		11.43	9.85				
Tracey, Tyquendo (JAM) (1993)		time		3.0		4.9		6.7		8.4		10.19	10.19	3 / 5			
reaction time	0.142	interval				1.9		1.8		1.7		1.79		# of strides			
		velocity		6.67		10.53		11.11		11.76		11.17	9.81				
Koike, Yuki (JPN) (1995)		time		3.0		4.9		6.7		8.5		10.31	10.31	6 / 6			
reaction time	0.144	interval				1.9		1.8		1.8		1.81		# of strides			
		velocity		6.67		10.53		11.11		11.11		11.05	9.70				
Burrell, Cameron (USA) (1994)		time		3.1		4.9		6.7		8.5		10.36	10.36	2 / 7			
reaction time	0.117	interval				1.8		1.8		1.8		1.86		# of strides			
		velocity		6.45		11.11		11.11		11.11		10.75	9.65				
Aikines-Aryeetey, Harry (GBR) (19		time		3.1		5.0		6.8		8.6		10.37	10.37	9 / 8			
reaction time	0.135	interval				1.9		1.8		1.8		1.77		# of strides			
		velocity		6.45		10.53		11.11		11.11		11.30	9.64				

2019 Japanese National High School Championships (Okinawa, JPN)

FINAL

date 05-Aug-19 wind 2.9 m/s

Kota (2019) - 72nd high school championships: JAF scientific committee - biomechanics data collection

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Uzawa, Towa (JPN) (2002)	time	1.92	2.98	3.93	4.83	5.71	6.59	7.47	8.36	9.26	10.19	10.19	5 / 1			
reaction time	interval		1.06	0.95	0.90	0.88	0.88	0.88	0.89	0.90	0.93		# of strides	3.93	2.66	2.67
	velocity	5.21	9.43	10.53	11.11	11.36	11.36	11.36	11.24	11.11	10.75	9.81	47.2	7.63	11.28	11.24
Hayashi, Kanata (JPN) (2001)	time	1.89	2.95	3.91	4.82	5.72	6.61	7.50	8.41	9.33	10.29	10.29	4 / 2			
reaction time	interval		1.06	0.96	0.91	0.90	0.89	0.89	0.91	0.92	0.96		# of strides	3.91	2.70	2.72
	velocity	5.29	9.43	10.42	10.99	11.11	11.24	11.24	10.99	10.87	10.42	9.72	47.0	7.67	11.11	11.03
Iwamoto, Kosuke (JPN) (2002)	time	1.94	3.02	3.98	4.90	5.80	6.70	7.60	8.51	9.45	10.43	10.43	8 / 3			
reaction time	interval		1.08	0.96	0.92	0.90	0.90	0.90	0.91	0.94	0.98		# of strides	3.98	2.72	2.75
	velocity	5.15	9.26	10.42	10.87	11.11	11.11	11.11	10.99	10.64	10.20	9.59	48.0	7.54	11.03	10.91
Tsukagichi, Teppei (JPN) (2001)	time	1.92	3.01	3.99	4.92	5.83	6.72	7.63	8.54	9.47	10.43	10.43	/ 4			
reaction time	interval		1.09	0.98	0.93	0.91	0.89	0.91	0.91	0.93	0.96		# of strides	3.99	2.73	2.75
	velocity	5.21	9.17	10.20	10.75	10.99	11.24	10.99	10.99	10.75	10.42	9.59		7.52	10.99	10.91
Nakamura, Shota (JPN) (2001)	time	1.93	3.01	3.99	4.92	5.83	6.73	7.63	8.55	9.49	10.47	10.47	/ 5			
reaction time	interval		1.08	0.98	0.93	0.91	0.90	0.90	0.92	0.94	0.98		# of strides	3.99	2.74	2.76
	velocity	5.18	9.26	10.20	10.75	10.99	11.11	11.11	10.87	10.64	10.20	9.55		7.52	10.95	10.87
Shitara, Oga (JPN) (2001)	time	1.93	3.03	4.01	4.95	5.87	6.78	7.69	8.62	9.55	10.52	10.52	/ 6			
reaction time	interval		1.10	0.98	0.94	0.92	0.91	0.91	0.93	0.93	0.97		# of strides	4.01	2.77	2.77
	velocity	5.18	9.09	10.20	10.64	10.87	10.99	10.99	10.75	10.75	10.31	9.51		7.48	10.83	10.83
Miyauchi, Kazuya (JPN) (2001)	time	1.94	3.02	3.99	4.92	5.83	6.74	7.66	8.59	9.54	10.52	10.52	/ 7			
reaction time	interval		1.08	0.97	0.93	0.91	0.91	0.92	0.93	0.95	0.98		# of strides	3.99	2.75	2.80
	velocity	5.15	9.26	10.31	10.75	10.99	10.99	10.87	10.75	10.53	10.20	9.51		7.52	10.91	10.71
Fujiwara, Hiroto (JPN) (2003)	time	1.95	3.03	4.01	4.94	5.85	6.76	7.67	8.60	9.55	10.54	10.54	/ 8			
reaction time	interval		1.08	0.98	0.93	0.91	0.91	0.91	0.93	0.95	0.99		# of strides	4.01	2.75	2.79
	velocity	5.13	9.26	10.20	10.75	10.99	10.99	10.99	10.75	10.53	10.10	9.49		7.48	10.91	10.75

2019 Chinese World Championships Trials (Shenyang, CHN)

FINAL

date 02-Aug-19 wind 0.1 m/s

Jiang (2019) - data analysis of men's sprint finals in the world championships trials

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xie Zhenye (CHN) (1993)	time	1.92	2.94	3.90	4.78	5.66	6.52	7.38	8.25	9.13	10.03	10.03	5 / 1			
reaction time	interval		1.02	0.96	0.88	0.88	0.86	0.86	0.87	0.88	0.90		# of strides	3.90	2.62	2.61
	velocity	5.21	9.80	10.42	11.36	11.36	11.63	11.63	11.49	11.36	11.11	9.97	46.7	7.69	11.45	11.49

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Su Bingtian (CHN) (1989)	time	1.86	2.89	3.85	4.76	5.65	6.53	7.42	8.33	9.24	10.19	10.19	4 / 2			
reaction time	interval		1.03	0.96	0.91	0.89	0.88	0.89	0.91	0.91	0.95		# of strides	3.85	2.68	2.71
	velocity	5.38	9.71	10.42	10.99	11.24	11.36	11.24	10.99	10.99	10.53	9.81	48.0	7.79	11.19	11.07
Xu Zhouzheng (CHN) (1995)	time	1.94	2.95	3.90	4.81	5.70	6.57	7.46	8.36	9.26	10.20	10.20	3 / 3			
reaction time	interval		1.01	0.95	0.91	0.89	0.87	0.89	0.90	0.90	0.94		# of strides	3.90	2.67	2.69
	velocity	5.15	9.90	10.53	10.99	11.24	11.49	11.24	11.11	11.11	10.64	9.80	46.0	7.69	11.24	11.15
Liang Jinsheng (CHN) (1996)	time	1.92	2.98	3.92	4.84	5.73	6.63	7.52	8.40	9.29	10.21	10.21	6 / 4			
reaction time	interval		1.06	0.94	0.92	0.89	0.90	0.89	0.88	0.89	0.92		# of strides	3.92	2.71	2.66
	velocity	5.21	9.43	10.64	10.87	11.24	11.11	11.24	11.36	11.24	10.87	9.79	43.2	7.65	11.07	11.28
Wu Zhiqiang (CHN) (1994)	time	1.93	2.99	3.94	4.86	5.74	6.62	7.52	8.42	9.33	10.27	10.27	7 / 5			
reaction time	interval		1.06	0.95	0.92	0.88	0.88	0.90	0.90	0.91	0.94		# of strides	3.94	2.68	2.71
	velocity	5.18	9.43	10.53	10.87	11.36	11.36	11.11	11.11	10.99	10.64	9.74	48.0	7.61	11.19	11.07
Xuan Dajun (CHN) (1998)	time	1.89	2.96	3.92	4.84	5.74	6.64	7.54	8.45	9.36	10.29	10.29	8 / 6			
reaction time	interval		1.07	0.96	0.92	0.90	0.90	0.90	0.91	0.91	0.93	PB	# of strides	3.92	2.72	2.72
	velocity	5.29	9.35	10.42	10.87	11.11	11.11	11.11	10.99	10.99	10.75	9.72	48.5	7.65	11.03	11.03
Quan Yingrui (CHN) (1997)	time	1.95	3.01	3.97	4.89	5.79	6.68	7.59	8.50	9.43	10.39	10.39	2 / 7			
reaction time	interval		1.06	0.96	0.92	0.90	0.89	0.91	0.91	0.93	0.96	PB	# of strides	3.97	2.71	2.75
	velocity	5.13	9.43	10.42	10.87	11.11	11.24	10.99	10.99	10.75	10.42	9.62	45.2	7.56	11.07	10.91
Mi Hong (CHN) (1993)	time	1.93	2.98	3.95	4.88	5.81	6.72	7.65	8.58	9.52	10.51	10.51	1 / 8			
reaction time	interval		1.05	0.97	0.93	0.93	0.91	0.93	0.93	0.94	0.99		# of strides	3.95	2.77	2.80
	velocity	5.18	9.52	10.31	10.75	10.75	10.99	10.75	10.75	10.64	10.10	9.51	47.2	7.59	10.83	10.71

2019 Müller Anniversary Games (London, GBR)

FINAL date 20-Jul-19 wind 0.5 m/s

Hayato (2019) - race analysis of men's 100m at major comeptions in 2019

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Koike, Yuki (JPN) (1995)		time	1.88	2.91	3.85	4.74	5.61	6.47	7.34	8.21	9.09	9.98	9.98	2 / 4			
reaction time	0.137	interval		1.03	0.94	0.89	0.87	0.86	0.87	0.87	0.88	0.89	PB	# of strides	3.85	2.62	2.62
		velocity	5.32	9.71	10.64	11.24	11.49	11.63	11.49	11.49	11.36	11.24	10.02	51.0	7.79	11.45	11.45

2019 Herculis Meeting International d'Athlétisme (Monaco, MON)

FINAL date 12-Jul-19 wind 0.3 m/s

Omega Timing (2019) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gatlin, Justin (USA) (1982)		time					5.8					9.91	9.91	3 / 1			
reaction time	0.195	interval										4.11		# of strides			
		velocity					8.62					12.17	10.09	44.0			
Lyles, Noah (USA) (1997)		time					5.7					9.92	9.92	5 / 2			
reaction time	0.149	interval										4.22		# of strides			
		velocity					8.77					11.85	10.08	46.0			
Rodgers, Michael (USA) (1985)		time					5.7					10.01	10.01	7 / 3			
reaction time	0.133	interval										4.31		# of strides			
		velocity					8.77					11.60	9.99	45.0			
Simbine, Akani (RSA) (1993)		time					5.7					10.04	10.04	2 / 4			
reaction time	0.140	interval										4.34		# of strides			
		velocity					8.77					11.52	9.96	48.2			
Gillespie, Cravon (USA) (1996)		time					5.8					10.14	10.14	6 / 5			
reaction time	0.141	interval										4.34		# of strides			
		velocity					8.62					11.52	9.86	47.0			
Vicaut, Jimmy (FRA) (1992)		time					5.8					10.17	10.17	8 / 6			
reaction time	0.160	interval										4.37		# of strides			
		velocity					8.62					11.44	9.83	46.2			
Cissé, Arthur (CIV) (1996)		time					6.0					10.25	10.25	1 / 7			
reaction time	0.184	interval										4.25		# of strides			
		velocity					8.33					11.76	9.76	48.5			
Oduduru, Divine (NGR) (1996)		time					5.7					10.26	10.26	4 / 8			
reaction time	0.148	interval										4.56		# of strides			
		velocity					8.77					10.96	9.75	44.0			

2019 Athletissima (Lausanne, SUI)

FINAL date 05-Jul-19 wind 0.2 m/s

Omega Timing (2019) - diamond league race analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gatlin, Justin (USA) (1982)		time					5.7					9.92	9.92	6 / 1			
reaction time	0.153	interval										4.22		# of strides			

	velocity	8.77		11.85	10.08	44.2		
Rodgers, Michael (USA) (1985)	time	5.7		10.01	10.01	5 / 2		
reaction time 0.147	interval			4.31		# of strides		
	velocity	8.77		11.60	9.99	45.0		
Brown, Aaron (CAN) (1992)	time	5.8		10.07	10.07	8 / 3		
reaction time 0.142	interval			4.27		# of strides		
	velocity	8.62		11.71	9.93	46.5		
Cissé, Arthur (CIV) (1996)	time	5.7		10.08	10.08	4 / 4		
reaction time 0.154	interval			4.38		# of strides		
	velocity	8.77		11.42	9.92	48.7		
Burrell, Cameron (USA) (1994)	time	5.8		10.18	10.18	2 / 5		
reaction time 0.126	interval			4.38		# of strides		
	velocity	8.62		11.42	9.82	48.2		
Quinn, Devin (USA) (1996)	time	5.8		10.19	10.19	3 / 6		
reaction time 0.151	interval			4.39		# of strides		
	velocity	8.62		11.39	9.81	45.0		
Williams, Kendal (USA) (1995)	time	5.8		10.20	10.20	7 / 7		
reaction time 0.138	interval			4.40		# of strides		
	velocity	8.62		11.36	9.80	47.2		
Allen, Devon (USA) (1994)	time	5.9		10.33	10.33	1 / 8		
reaction time 0.129	interval			4.43		# of strides		
	velocity	8.47		11.29	9.68	45.7		

2019 Japanese National Championships (Fukuoka, JPN)

FINAL

date 28-Jun-19 wind -0.3 m/s

Hayato (2019) - race analysis of men's 100m at major comeptions in 2019

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sani Brown, Abdul Hakim (JPN) (1	time	1.90	2.93	3.86	4.75	5.62	6.48	7.35	8.22	9.11	10.02	10.02	4 / 1			
reaction time 0.153	interval		1.03	0.93	0.89	0.87	0.86	0.87	0.87	0.89	0.91		# of strides	3.86	2.62	2.63
	velocity	5.26	9.71	10.75	11.24	11.49	11.63	11.49	11.49	11.24	10.99	9.98	44.0	7.77	11.45	11.41
Iizuka, Shota (JPN) (1991)	time	1.91	2.97	3.93	4.84	5.73	6.61	7.50	8.39	9.31	10.24	10.24	9 / 4			
reaction time 0.154	interval		1.06	0.96	0.91	0.89	0.88	0.89	0.89	0.92	0.93		# of strides	3.93	2.68	2.70
	velocity	5.24	9.43	10.42	10.99	11.24	11.36	11.24	11.24	10.87	10.75	9.77	48.7	7.63	11.19	11.11

Semi-Final 2

date 27-Jun-19 wind 0.1 m/s

Hayato (2019) - race analysis of men's 100m at major comeptions in 2019

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cambridge, Aska (JPN) (1993)	time	1.87	2.95	3.91	4.82	5.71	6.59	7.47	8.36	9.27	10.20	10.20	7 / 2			
reaction time 0.129	interval		1.08	0.96	0.91	0.89	0.88	0.88	0.89	0.91	0.93		# of strides	3.91	2.68	2.68
	velocity	5.35	9.26	10.42	10.99	11.24	11.36	11.36	11.24	10.99	10.75	9.80	46.2	7.67	11.19	11.19
Mizukubo, Soshi (JPN) (1999)	time	1.87	2.95	3.92	4.85	5.76	6.67	7.57	8.48	9.41	10.36	10.36	8 / 6			
reaction time 0.126	interval		1.08	0.97	0.93	0.91	0.91	0.90	0.91	0.93	0.95	PB	# of strides	3.92	2.75	2.74
	velocity	5.35	9.26	10.31	10.75	10.99	10.99	11.11	10.99	10.75	10.53	9.65	47.7	7.65	10.91	10.95

Semi-Final 1

date 27-Jun-19 wind 0.2 m/s

Hayato (2019) - race analysis of men's 100m at major comeptions in 2019

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sakai, Ryuichiro (JPN) (1998)	time	1.84	2.90	3.86	4.79	5.69	6.59	7.49	8.41	9.33	10.28	10.28	5 / 4			
reaction time 0.131	interval		1.06	0.96	0.93	0.90	0.90	0.90	0.92	0.92	0.95	PB	# of strides	3.86	2.73	2.74
	velocity	5.43	9.43	10.42	10.75	11.11	11.11	11.11	10.87	10.87	10.53	9.73	52.0	7.77	10.99	10.95

2019 Japanese National Multi-Event Championships (Nagano, JPN)

Decathlon - Heat 3

date 08-Jun-19 wind 0.0 m/s

Matsubayashi (2019) - research on athlete performance and technique- 2019 data book

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)	time	1.92	3.04	4.05	5.02	5.98	6.93	7.89	8.86	9.85	10.86	10.86	5 / 1			
reaction time	interval		1.12	1.01	0.97	0.96	0.95	0.96	0.97	0.99	1.01		# of strides	4.05	2.88	2.92
	velocity	5.21	8.93	9.90	10.31	10.42	10.53	10.42	10.31	10.10	9.90	9.21		7.41	10.42	10.27
Maruyama, Yuma (JPN) (1998)	time	1.97	3.10	4.13	5.12	6.09	7.05	8.01	8.98	9.95	10.94	10.94	4 / 2			
reaction time	interval		1.13	1.03	0.99	0.97	0.96	0.96	0.97	0.97	0.99		# of strides	4.13	2.92	2.90
	velocity	5.08	8.85	9.71	10.10	10.31	10.42	10.42	10.31	10.31	10.10	9.14		7.26	10.27	10.34

Decathlon - Heat 1

date 08-Jun-19 wind 0.2 m/s

Matsubayashi (2019) - research on athlete performance and technique- 2019 data book

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.03	3.18	4.22	5.22	6.21	7.20	8.20	9.21	10.25	11.32	11.32	6 / 3			
reaction time	interval		1.15	1.04	1.00	0.99	0.99	1.00	1.01	1.04	1.07		# of strides	4.22	2.98	3.05
	velocity	4.93	8.70	9.62	10.00	10.10	10.10	10.00	9.90	9.62	9.35	8.83		7.11	10.07	9.84

2019 Fuse Sprint (Tottori, JPN)

FINAL

date 02-Jun-19 wind 0.1 m/s — *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Naoki, Masafumi (JPN) (1993)		time	1.87	2.96	3.93	4.86	5.77	6.67	7.58	8.49	9.43	10.39	10.39	4 / 3			
reaction time	0.112	interval		1.09	0.97	0.93	0.91	0.90	0.91	0.91	0.94	0.96	PB	# of strides	3.93	2.74	2.76
		velocity	5.35	9.17	10.31	10.75	10.99	11.11	10.99	10.99	10.64	10.42	9.62	47.0	7.63	10.95	10.87

2019 Shimane High School Championships (Izumo, JPN)

FINAL

date 25-May-19 wind 1.3 m/s — *Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Shosei, Kadoya (JPN)	time			4.07			6.97			9.80	10.82	10.82	6 / 1			
reaction time	interval						2.90			2.83	1.02		# of strides	4.07	2.90	2.83
	velocity			7.37			10.34			10.60	9.80	9.24	50.2	7.37	10.34	10.60
Sato, Ayato (JPN)	time			4.17			7.05			9.93	10.98	10.98	4 / 2			
reaction time	interval						2.88			2.88	1.05		# of strides	4.17	2.88	2.88
	velocity			7.19			10.42			10.42	9.52	9.11	49.5	7.19	10.42	10.42
Matsunao, Tsubasa (JPN)	time			4.13			7.04			9.97	11.04	11.04	5 / 3			
reaction time	interval						2.91			2.93	1.07		# of strides	4.13	2.91	2.93
	velocity			7.26			10.31			10.24	9.35	9.06	53.0	7.26	10.31	10.24
Izumo, Hira (JPN)	time			4.13			7.02			9.93	11.04	11.04	9 / 4			
reaction time	interval						2.89			2.91	1.11		# of strides	4.13	2.89	2.91
	velocity			7.26			10.38			10.31	9.01	9.06	53.0	7.26	10.38	10.31
Inoue, Sosuke (JPN)	time			4.17			7.07			10.00	11.07	11.07	8 / 5			
reaction time	interval						2.90			2.93	1.07		# of strides	4.17	2.90	2.93
	velocity			7.19			10.34			10.24	9.35	9.03	52.2	7.19	10.34	10.24
Tanaka, Kentaro (JPN) (2002)	time			4.10			7.05			10.03	11.12	11.12	2 / 6			
reaction time	interval						2.95			2.98	1.09		# of strides	4.10	2.95	2.98
	velocity			7.32			10.17			10.07	9.17	8.99	49.7	7.32	10.17	10.07
Morimoto, Tomoharu (JPN)	time			4.17			7.07			10.03	11.12	11.12	3 / 7			
reaction time	interval						2.90			2.96	1.09		# of strides	4.17	2.90	2.96
	velocity			7.19			10.34			10.14	9.17	8.99	50.5	7.19	10.34	10.14

2019 Seiko Golden Grand Prix (Osaka, JPN)

FINAL

date 19-May-19 wind 1.7 m/s — *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)		time	1.86	2.90	3.84	4.74	5.61	6.47	7.33	8.20	9.09	10.01	10.01	4 / 2			
reaction time	0.138	interval		1.04	0.94	0.90	0.87	0.86	0.86	0.87	0.89	0.92		# of strides	3.84	2.63	2.62
		velocity	5.38	9.62	10.64	11.11	11.49	11.63	11.63	11.49	11.24	10.87	9.99	48.0	7.81	11.41	11.45
Zohri, Lalu Muhammad (INA) (200		time	1.90	2.94	3.87	4.77	5.64	6.50	7.36	8.24	9.12	10.03	10.03	9 / 3			
reaction time	0.179	interval		1.04	0.93	0.90	0.87	0.86	0.86	0.88	0.88	0.91	NR AJR PB	# of strides	3.87	2.63	2.62
		velocity	5.26	9.62	10.75	11.11	11.49	11.63	11.63	11.36	11.36	10.99	9.97	44.3	7.75	11.41	11.45
Yamagata, Ryota (JPN) (1992)		time	1.88	2.94	3.88	4.78	5.66	6.53	7.40	8.29	9.19	10.11	10.11	5 / 5			
reaction time	0.119	interval		1.06	0.94	0.90	0.88	0.87	0.87	0.89	0.90	0.92		# of strides	3.88	2.65	2.66
		velocity	5.32	9.43	10.64	11.11	11.36	11.49	11.49	11.24	11.11	10.87	9.89	48.1	7.73	11.32	11.28
Tada, Shuhei (JPN) (1996)		time	1.86	2.90	3.85	4.74	5.62	6.49	7.37	8.26	9.18	10.12	10.12	2 / 6			
reaction time	0.157	interval		1.04	0.95	0.89	0.88	0.87	0.88	0.89	0.92	0.94		# of strides	3.85	2.64	2.69
		velocity	5.38	9.62	10.53	11.24	11.36	11.49	11.36	11.24	10.87	10.64	9.88	47.8	7.79	11.36	11.15
Burrell, Cameron (USA) (1994)		time	1.88	2.92	3.86	4.76	5.63	6.51	7.38	8.27	9.18	10.12	10.12	6 / 7			
reaction time	0.138	interval		1.04	0.94	0.90	0.87	0.88	0.87	0.89	0.91	0.94		# of strides	3.86	2.65	2.67
		velocity	5.32	9.62	10.64	11.11	11.49	11.36	11.49	11.24	10.99	10.64	9.88	47.1	7.77	11.32	11.24
Williams, Kendal (USA) (1995)		time	1.89	2.97	3.94	4.85	5.74	6.62	7.50	8.38	9.28	10.20	10.20	8 / 8			
reaction time	0.145	interval		1.08	0.97	0.91	0.89	0.88	0.88	0.88	0.90	0.92		# of strides	3.94	2.68	2.66
		velocity	5.29	9.26	10.31	10.99	11.24	11.36	11.36	11.36	11.11	10.87	9.80	47.2	7.61	11.19	11.28

2019 SEC Championships (Fayetteville, AR)

FINAL

date 11-May-19 wind 1.8 m/s — *(2019) - tfdata-store.com/2019/05/19/post-1581/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sani Brown, Abdul Hakim (JPN) (1	time			3.86			6.48			9.09	9.99	9.99	5 / 1			
reaction time	interval						2.62			2.61	0.90	PB	# of strides	3.86	2.62	2.61
	velocity			7.77			11.45			11.49	11.11	10.01	43.5	7.77	11.45	11.49

2019 Mikio Oda Memorial (Hiroshima, JPN)

FINAL

date 28-Apr-19 wind 1.2 m/s — *Hayato (2019) - race analysis of men's 100m at major comeptions in 2019*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Shiraishi, Kirara (JPN) (1996)	time	1.91	2.98	3.94	4.85	5.74	6.63	7.51	8.39	9.28	10.19	10.19	5 / 1			
reaction time	interval		1.07	0.96	0.91	0.89	0.89	0.88	0.88	0.89	0.91	PB	# of strides	3.94	2.69	2.65

		velocity	5.24	9.35	10.42	10.99	11.24	11.24	11.36	11.36	11.24	10.99	9.81	47.0	7.61	11.15	11.32
Dede, Bruno Chikwadoryo (JPN) (		time	1.92	3.00	3.97	4.89	5.79	6.68	7.58	8.47	9.37	10.29	10.29	3 / 4			
	reaction time	interval		1.08	0.97	0.92	0.90	0.89	0.90	0.89	0.90	0.92	PB	# of strides	3.97	2.71	2.69
		velocity	5.21	9.26	10.31	10.87	11.11	11.24	11.11	11.24	11.11	10.87	9.72	46.2	7.56	11.07	11.15

2019 Asian Athletics Championships (Doha, QAT)

FINAL date 22-Apr-19 wind 1.5 m/s

Hayato (2019) - race analysis of men's 100m at major comeptions in 2019

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wu Zhiqiang (CHN) (1994)		time	1.87	2.92	3.88	4.79	5.69	6.58	7.46	8.36	9.26	10.18	10.18	9 / 3			
	reaction time 0.145	interval		1.05	0.96	0.91	0.90	0.89	0.88	0.90	0.90	0.92	PB	# of strides	3.88	2.70	2.68
		velocity	5.35	9.52	10.42	10.99	11.11	11.24	11.36	11.11	11.11	10.87	9.82	47.7	7.73	11.11	11.19
Fisher, Andrew (BRN) (1991)		time	1.86	2.91	3.85	4.76	5.65	6.54	7.43	8.33	9.26	10.20	10.20	5 / 4			
	reaction time 0.140	interval		1.05	0.94	0.91	0.89	0.89	0.89	0.90	0.93	0.94		# of strides	3.85	2.69	2.72
		velocity	5.38	9.52	10.64	10.99	11.24	11.24	11.24	11.11	10.75	10.64	9.80	46.2	7.79	11.15	11.03
Yang Chun-Han (TPE) (1997)		time	1.91	2.98	3.94	4.86	5.76	6.66	7.55	8.45	9.36	10.28	10.28	3 / 5			
	reaction time 0.141	interval		1.07	0.96	0.92	0.90	0.90	0.89	0.90	0.91	0.92		# of strides	3.94	2.72	2.70
		velocity	5.24	9.35	10.42	10.87	11.11	11.11	11.24	11.11	10.99	10.87	9.73	48.0	7.61	11.03	11.11

2018 Japanese Corporate Championships (Osaka, JPN)

FINAL date 23-Sep-18 wind 0.0 m/s

Kobayashi (2018) - Race analysis results for men 100m in 2018 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yamagata, Ryota (JPN) (1992)		time	1.83	2.89	3.83	4.73	5.60	6.46	7.33	8.20	9.09	10.01	10.01	7 / 1			
	reaction time 0.116	interval		1.06	0.94	0.90	0.87	0.86	0.87	0.87	0.89	0.92		# of strides	3.83	2.63	2.63
		velocity	5.46	9.43	10.64	11.11	11.49	11.63	11.49	11.49	11.24	10.87	9.99	48.2	7.83	11.41	11.41
Kiryu, Yoshihide (JPN) (1995)		time	1.90	2.97	3.93	4.84	5.73	6.61	7.49	8.38	9.29	10.22	10.22	5 / 2			
	reaction time 0.130	interval		1.07	0.96	0.91	0.89	0.88	0.88	0.89	0.91	0.93		# of strides	3.93	2.68	2.68
		velocity	5.26	9.35	10.42	10.99	11.24	11.36	11.36	11.24	10.99	10.75	9.78	47.4	7.63	11.19	11.19
Kawakami, Takuya (JPN) (1995)		time	1.87	2.91	3.86	4.77	5.66	6.56	7.47	8.40	9.35	10.33	10.33	6 / 3			
	reaction time 0.131	interval		1.04	0.95	0.91	0.89	0.90	0.91	0.93	0.95	0.98		# of strides	3.86	2.70	2.79
		velocity	5.35	9.62	10.53	10.99	11.24	11.11	10.99	10.75	10.53	10.20	9.68	49.1	7.77	11.11	10.75
Onabuta, Yu (JPN) (1994)		time	1.93	3.01	3.99	4.92	5.83	6.73	7.62	8.52	9.42	10.34	10.34	4 / 4			
	reaction time 0.147	interval		1.08	0.98	0.93	0.91	0.90	0.89	0.90	0.90	0.92		# of strides	3.99	2.74	2.69
		velocity	5.18	9.26	10.20	10.75	10.99	11.11	11.24	11.11	11.11	10.87	9.67	51.2	7.52	10.95	11.15

2018 Asian Games (Jakarta, INA)

FINAL date 26-Aug-18 wind 0.8 m/s

Kobayashi (2018) - Race analysis results for men 100m in 2018 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Su Bingtian (CHN) (1989)		time	1.80	2.83	3.76	4.65	5.52	6.38	7.25	8.13	9.01	9.92	9.92	6 / 1			
	reaction time 0.143	interval		1.03	0.93	0.89	0.87	0.86	0.87	0.88	0.88	0.91	CR	# of strides	3.76	2.62	2.63
		velocity	5.56	9.71	10.75	11.24	11.49	11.63	11.49	11.36	11.36	10.99	10.08	48.3	7.98	11.45	11.41
Ogunode, Tosin (QAT) (1994)		time	1.81	2.87	3.81	4.71	5.59	6.45	7.32	8.20	9.09	10.00	10.00	8 / 2			
	reaction time 0.125	interval		1.06	0.94	0.90	0.88	0.86	0.87	0.88	0.89	0.91	PB	# of strides	3.81	2.64	2.64
		velocity	5.52	9.43	10.64	11.11	11.36	11.63	11.49	11.36	11.24	10.99	10.00	44.5	7.87	11.36	11.36
Yamagata, Ryota (JPN) (1992)		time	1.83	2.88	3.82	4.72	5.59	6.45	7.32	8.20	9.09	10.00	10.00	4 / 3			
	reaction time 0.133	interval		1.05	0.94	0.90	0.87	0.86	0.87	0.88	0.89	0.91	=PB	# of strides	3.82	2.63	2.64
		velocity	5.46	9.52	10.64	11.11	11.49	11.63	11.49	11.36	11.24	10.99	10.00	48.0	7.85	11.41	11.36
Mohammed, Abdullah Abkar (KSA		time	1.85	2.92	3.88	4.78	5.67	6.54	7.42	8.30	9.19	10.10	10.10	3 / 4			
	reaction time 0.112	interval		1.07	0.96	0.90	0.89	0.87	0.88	0.88	0.89	0.91		# of strides	3.88	2.66	2.65
		velocity	5.41	9.35	10.42	11.11	11.24	11.49	11.36	11.36	11.24	10.99	9.90	44.7	7.73	11.28	11.32
Yang Chun-Han (TPE) (1997)		time	1.88	2.95	3.90	4.81	5.70	6.57	7.45	8.34	9.24	10.17	10.17	5 / 5			
	reaction time 0.146	interval		1.07	0.95	0.91	0.89	0.87	0.88	0.89	0.90	0.93		# of strides	3.90	2.67	2.67
		velocity	5.32	9.35	10.53	10.99	11.24	11.49	11.36	11.24	11.11	10.75	9.83	48.6	7.69	11.24	11.24
Taftian, Hassan (IRI) (1993)	0.172	no information available											10.19	1 / 6			
Zohri, Lalu Muhammad (INA) (200		time	1.90	2.95	3.90	4.80	5.68	6.55	7.43	8.33	9.25	10.20	10.20	7 / 5			
	reaction time 0.145	interval		1.05	0.95	0.90	0.88	0.87	0.88	0.90	0.92	0.95	PB	# of strides	3.90	2.65	2.70
		velocity	5.26	9.52	10.53	11.11	11.36	11.49	11.36	11.11	10.87	10.53	9.80	44.8	7.69	11.32	11.11
Kim Kuk-Young (KOR) (1991)	0.143	no information available											10.26	2 / 6			

2018 Japanese National High School Championships (Nagoya, JPN)

FINAL date 03-Aug-18 wind -0.3 m/s

Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data collection

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tsukamoto, Justin Junpei (JPN) (		time	1.94	3.02	3.98	4.90	5.81	6.71	7.62	8.54	9.48	10.43	10.43	7 / 1			
	reaction time	interval		1.08	0.96	0.92	0.91	0.90	0.91	0.92	0.94	0.95	PB	# of strides	3.98	2.73	2.77

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

	velocity	5.15	9.26	10.42	10.87	10.99	11.11	10.99	10.87	10.64	10.53	9.59	47.2	7.54	10.99	10.83
Kuwano, Takumi (JPN) (2001)	time	1.89	2.96	3.93	4.87	5.78	6.69	7.61	8.55	9.50	10.47	10.47	6 / 2			
reaction time	interval		1.07	0.97	0.94	0.91	0.91	0.92	0.94	0.95	0.97	PB	# of strides	3.93	2.76	2.81
	velocity	5.29	9.35	10.31	10.64	10.99	10.99	10.87	10.64	10.53	10.31	9.55	50.5	7.63	10.87	10.68
Tatsumi, Shin (JPN)	time	1.88	2.95	3.91	4.83	5.75	6.67	7.60	8.54	9.51	10.51	10.51	5 / 3			
reaction time	interval		1.07	0.96	0.92	0.92	0.92	0.93	0.94	0.97	1.00	PB	# of strides	3.91	2.76	2.84
	velocity	5.32	9.35	10.42	10.87	10.87	10.87	10.75	10.64	10.31	10.00	9.51	48.0	7.67	10.87	10.56
Nakamura, Syota (JPN) (2001)	time	1.94	3.03	4.01	4.96	5.88	6.81	7.75	8.70	9.66	10.65	10.65	4 / 4			
reaction time	interval		1.09	0.98	0.95	0.92	0.93	0.94	0.95	0.96	0.99		# of strides	4.01	2.80	2.85
	velocity	5.15	9.17	10.20	10.53	10.87	10.75	10.64	10.53	10.42	10.10	9.39	51.2	7.48	10.71	10.53
Okubo, Daichi (JPN)	time	1.96	3.06	4.05	5.00	5.92	6.85	7.79	8.73	9.70	10.68	10.68	3 / 5			
reaction time	interval		1.10	0.99	0.95	0.92	0.93	0.94	0.94	0.97	0.98		# of strides	4.05	2.80	2.85
	velocity	5.10	9.09	10.10	10.53	10.87	10.75	10.64	10.64	10.31	10.20	9.36	50.2	7.41	10.71	10.53
Yamamoto, Mirai (JPN)	time	1.97	3.08	4.08	5.03	5.96	6.88	7.82	8.76	9.73	10.71	10.71	2 / 6			
reaction time	interval		1.11	1.00	0.95	0.93	0.92	0.94	0.94	0.97	0.98		# of strides	4.08	2.80	2.85
	velocity	5.08	9.01	10.00	10.53	10.75	10.87	10.64	10.64	10.31	10.20	9.34	48.5	7.35	10.71	10.53
Yamaji, Kotaro (JPN) (2000)	time	2.00	3.12	4.12	5.07	6.01	6.93	7.86	8.81	9.76	10.74	10.74	8 / 7			
reaction time	interval		1.12	1.00	0.95	0.94	0.92	0.93	0.95	0.95	0.98		# of strides	4.12	2.81	2.83
	velocity	5.00	8.93	10.00	10.53	10.64	10.87	10.75	10.53	10.53	10.20	9.31	49.2	7.28	10.68	10.60
Matsubara, Yahiro (JPN)	time	1.99	3.11	4.12	5.09	6.06	7.04	8.07	9.17	10.39	11.82	11.82	9 / 8			
reaction time	interval		1.12	1.01	0.97	0.97	0.98	1.03	1.10	1.22	1.43		# of strides	4.12	2.92	3.35
	velocity	5.03	8.93	9.90	10.31	10.31	10.20	9.71	9.09	8.20	6.99	8.46		7.28	10.27	8.96

2018 Japanese National Championships (Yamaguchi, JPN)

FINAL date 23-Jun-18 wind 0.6 m/s

Kobayashi (2018) - Race analysis results for men 100m in 2018 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yamagata, Ryota (JPN) (1992)	time	1.85	2.89	3.84	4.73	5.61	6.48	7.35	8.23	9.13	10.05	10.05	7 / 1			
reaction time 0.141	interval		1.04	0.95	0.89	0.88	0.87	0.87	0.88	0.90	0.92		# of strides	3.84	2.64	2.65
	velocity	5.41	9.62	10.53	11.24	11.36	11.49	11.49	11.36	11.11	10.87	9.95	48.6	7.81	11.36	11.32
Cambridge, Aska (JPN) (1993)	time	1.92	2.99	3.95	4.85	5.73	6.60	7.46	8.34	9.23	10.14	10.14	5 / 2			
reaction time 0.143	interval		1.07	0.96	0.90	0.88	0.87	0.86	0.88	0.89	0.91		# of strides	3.95	2.65	2.63
	velocity	5.21	9.35	10.42	11.11	11.36	11.49	11.63	11.36	11.24	10.99	9.86	47.0	7.59	11.32	11.41
Kiryu, Yoshihide (JPN) (1995)	time	1.90	2.97	3.92	4.82	5.71	6.58	7.46	8.34	9.24	10.16	10.16	4 / 3			
reaction time 0.144	interval		1.07	0.95	0.90	0.89	0.87	0.88	0.88	0.90	0.92		# of strides	3.92	2.66	2.66
	velocity	5.26	9.35	10.53	11.11	11.24	11.49	11.36	11.36	11.11	10.87	9.84	47.6	7.65	11.28	11.28
Koike, Yuki (JPN) (1995)	time	1.88	2.94	3.89	4.80	5.68	6.56	7.44	8.33	9.24	10.17	10.17	6 / 4			
reaction time 0.162	interval		1.06	0.95	0.91	0.88	0.88	0.88	0.89	0.91	0.93	PB	# of strides	3.89	2.67	2.68
	velocity	5.32	9.43	10.53	10.99	11.36	11.36	11.36	11.24	10.99	10.75	9.83	51.0	7.71	11.24	11.19
Tada, Shuhei (JPN) (1996)	time	1.87	2.92	3.87	4.78	5.67	6.55	7.45	8.35	9.27	10.22	10.22	8 / 5			
reaction time 0.147	interval		1.05	0.95	0.91	0.89	0.88	0.90	0.90	0.92	0.95		# of strides	3.87	2.68	2.72
	velocity	5.35	9.52	10.53	10.99	11.24	11.36	11.11	11.11	10.87	10.53	9.78	48.1	7.75	11.19	11.03

2018 Japanese National Multi-Event Championships (Nagano, JPN)

Decathlon - Heat 3 date 16-Jun-18 wind 1.4 m/s

Matsubayashi (2018) - research on athlete performance and technique- 2018 data book

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)	time	1.95	3.06	4.07	5.03	5.98	6.92	7.87	8.82	9.80	10.79	10.79	6 / 2			
reaction time	interval		1.11	1.01	0.96	0.95	0.94	0.95	0.95	0.98	0.99		# of strides	4.07	2.85	2.88
	velocity	5.13	9.01	9.90	10.42	10.53	10.64	10.53	10.53	10.20	10.10	9.27		7.37	10.53	10.42
Maruyama, Yuma (JPN) (1998)	time	1.97	3.08	4.10	5.07	6.01	6.96	7.90	8.85	9.82	10.80	10.80	2 / 3			
reaction time	interval		1.11	1.02	0.97	0.94	0.95	0.94	0.95	0.97	0.98	PB	# of strides	4.10	2.86	2.86
	velocity	5.08	9.01	9.80	10.31	10.64	10.53	10.64	10.53	10.31	10.20	9.26		7.32	10.49	10.49
Morimoto, Kimihito (JPN) (1993)	time	2.02	3.15	4.17	5.14	6.10	7.05	8.00	8.95	9.92	10.90	10.90	3 / 6			
reaction time	interval		1.13	1.02	0.97	0.96	0.95	0.95	0.95	0.97	0.98	PB	# of strides	4.17	2.88	2.87
	velocity	4.95	8.85	9.80	10.31	10.42	10.53	10.53	10.53	10.31	10.20	9.17		7.19	10.42	10.45

Decathlon - Heat 1 date 16-Jun-18 wind 3.2 m/s

Matsubayashi (2018) - research on athlete performance and technique- 2018 data book

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.00	3.14	4.17	5.16	6.14	7.12	8.10	9.11	10.14	11.21	11.21	7 / 4			
reaction time	interval		1.14	1.03	0.99	0.98	0.98	0.98	1.01	1.03	1.07		# of strides	4.17	2.95	3.02
	velocity	5.00	8.77	9.71	10.10	10.20	10.20	10.20	9.90	9.71	9.35	8.92		7.19	10.17	9.93

2018 Fuse Sprint (Tottori, JPN)

FINAL date 03-Jun-18 wind -0.7 m/s

Kobayashi (2018) - Race analysis results for men 100m in 2018 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yamagata, Ryota (JPN) (1992)	time	1.84	2.90	3.86	4.76	5.65	6.52	7.40	8.28	9.19	10.12	10.12	/ 1			
reaction time	interval		1.06	0.96	0.90	0.89	0.87	0.88	0.88	0.91	0.93		# of strides	3.86	2.66	2.67
	velocity	5.43	9.43	10.42	11.11	11.24	11.49	11.36	11.36	10.99	10.75	9.88	49.0	7.77	11.28	11.24
Iizuka, Shota (JPN) (1991)	time	1.86	2.94	3.90	4.82	5.71	6.59	7.47	8.36	9.28	10.21	10.21	/ 2			
reaction time	interval		1.08	0.96	0.92	0.89	0.88	0.88	0.89	0.92	0.93		# of strides	3.90	2.69	2.69
	velocity	5.38	9.26	10.42	10.87	11.24	11.36	11.36	11.24	10.87	10.75	9.79	48.0	7.69	11.15	11.15
Cambridge, Aska (JPN) (1993)	time	1.86	2.94	3.90	4.81	5.70	6.58	7.47	8.36	9.27	10.21	10.21	/ 3			
reaction time	interval		1.08	0.96	0.91	0.89	0.88	0.89	0.89	0.91	0.94		# of strides	3.90	2.68	2.69
	velocity	5.38	9.26	10.42	10.99	11.24	11.36	11.24	11.24	10.99	10.64	9.79	47.3	7.69	11.19	11.15
Koike, Yuki (JPN) (1995)	time	1.87	2.94	3.91	4.83	5.72	6.61	7.49	8.39	9.30	10.24	10.24	/ 4			
reaction time	interval		1.07	0.97	0.92	0.89	0.89	0.88	0.90	0.91	0.94		# of strides	3.91	2.70	2.69
	velocity	5.35	9.35	10.31	10.87	11.24	11.24	11.36	11.11	10.99	10.64	9.77	50.5	7.67	11.11	11.15

2018 Shimane High School Championships (Izumo, JPN)

FINAL date 26-May-18 wind 2.3 m/s

Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kadowaki, Riku (JPN) (2000)	time			4.03			6.87			9.65	10.62	10.62	6 / 1			
reaction time	interval						2.84			2.78	0.97		# of strides	4.03	2.84	2.78
	velocity			7.44			10.56			10.79	10.31	9.42	50.0	7.44	10.56	10.79
Ohitsu, Takahiro (JPN)	time			4.07			6.91			9.68	10.68	10.68	5 / 2			
reaction time	interval						2.84			2.77	1.00		# of strides	4.07	2.84	2.77
	velocity			7.37			10.56			10.83	10.00	9.36	50.3	7.37	10.56	10.83
Hayashi, Raito (JPN)	time			4.10			6.94			9.75	10.76	10.76	4 / 3			
reaction time	interval						2.84			2.81	1.01		# of strides	4.10	2.84	2.81
	velocity			7.32			10.56			10.68	9.90	9.29	49.3	7.32	10.56	10.68
Yu, Matsuura (JPN)	time			4.10			6.97			9.88	10.89	10.89	1 / 4			
reaction time	interval						2.87			2.91	1.01		# of strides	4.10	2.87	2.91
	velocity			7.32			10.45			10.31	9.90	9.18	50.8	7.32	10.45	10.31
Shosei, Kadoya (JPN)	time			4.10			7.01			9.92	10.93	10.93	3 / 5			
reaction time	interval						2.91			2.91	1.01		# of strides	4.10	2.91	2.91
	velocity			7.32			10.31			10.31	9.90	9.15	50.0	7.32	10.31	10.31
Shun, Nunomura (JPN)	time			4.12			7.04			9.98	11.03	11.03	7 / 6			
reaction time	interval						2.92			2.94	1.05		# of strides	4.12	2.92	2.94
	velocity			7.28			10.27			10.20	9.52	9.07	51.0	7.28	10.27	10.20
Sato, Ayato (JPN)	time			4.13			7.07			10.02	11.06	11.06	8 / 7			
reaction time	interval						2.94			2.95	1.04		# of strides	4.13	2.94	2.95
	velocity			7.26			10.20			10.17	9.62	9.04	50.8	7.26	10.20	10.17
Niitani, Toshiki (JPN)	time			4.13			7.07			10.33	11.84	11.84	2 / 8			
reaction time	interval						2.94			3.26	1.51		# of strides	4.13	2.94	3.26
	velocity			7.26			10.20			9.20	6.62	8.45	51.0	7.26	10.20	9.20

2018 Seiko Golden Grand Prix (Osaka, JPN)

FINAL date 20-May-18 wind -0.7 m/s

Kobayashi (2018) - Race analysis results for men 100m in 2018 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gatlin, Justin (USA) (1982)	time	1.86	2.91	3.86	4.76	5.64	6.51	7.38	8.25	9.15	10.06	10.06	3 / 1			
reaction time 0.154	interval		1.05	0.95	0.90	0.88	0.87	0.87	0.87	0.90	0.91		# of strides	3.86	2.65	2.64
	velocity	5.38	9.52	10.53	11.11	11.36	11.49	11.49	11.49	11.11	10.99	9.94	44.7	7.77	11.32	11.36
Yamagata, Ryota (JPN) (1992)	time	1.87	2.91	3.86	4.76	5.64	6.52	7.40	8.30	9.20	10.13	10.13	5 / 2			
reaction time 0.142	interval		1.04	0.95	0.90	0.88	0.88	0.88	0.90	0.90	0.93		# of strides	3.86	2.66	2.68
	velocity	5.35	9.62	10.53	11.11	11.36	11.36	11.36	11.11	11.11	10.75	9.87	48.8	7.77	11.28	11.19
Young, Isiah (USA) (1990)	time	1.87	2.93	3.88	4.79	5.67	6.55	7.42	8.31	9.21	10.13	10.13	8 / 3			
reaction time 0.140	interval		1.06	0.95	0.91	0.88	0.88	0.87	0.89	0.90	0.92		# of strides	3.88	2.67	2.66
	velocity	5.35	9.43	10.53	10.99	11.36	11.36	11.49	11.24	11.11	10.87	9.87	48.3	7.73	11.24	11.28
Kiryu, Yoshihide (JPN) (1995)	time	1.88	2.93	3.88	4.78	5.67	6.55	7.44	8.33	9.24	10.17	10.17	4 / 4			
reaction time 0.135	interval		1.05	0.95	0.90	0.89	0.88	0.89	0.89	0.91	0.93		# of strides	3.88	2.67	2.69
	velocity	5.32	9.52	10.53	11.11	11.24	11.36	11.24	11.24	10.99	10.75	9.83	48.1	7.73	11.24	11.15
Cambridge, Aska (JPN) (1993)	time	1.91	2.98	3.94	4.85	5.73	6.61	7.49	8.37	9.27	10.19	10.19	7 / 5			
reaction time 0.145	interval		1.07	0.96	0.91	0.88	0.88	0.88	0.88	0.90	0.92		# of strides	3.94	2.67	2.66
	velocity	5.24	9.35	10.42	10.99	11.36	11.36	11.36	11.36	11.11	10.87	9.81	47.4	7.61	11.24	11.28
Tada, Shuhei (JPN) (1996)	time	1.88	2.93	3.89	4.80	5.70	6.60	7.51	8.43	9.36	10.32	10.32	6 / 6			

reaction time	0.150	interval		1.05	0.96	0.91	0.90	0.90	0.91	0.92	0.93	0.96		# of strides	3.89	2.71	2.76
		velocity	5.32	9.52	10.42	10.99	11.11	11.11	10.99	10.87	10.75	10.42	9.69	48.3	7.71	11.07	10.87

2018 Mikio Oda Memorial (Hiroshima, JPN)

A FINAL

date 29-Apr-18 wind 1.3 m/s

Kobayashi (2018) - Race analysis results for men 100m in 2018 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yamagata, Ryota (JPN) (1992)		time	1.87	2.93	3.88	4.79	5.67	6.55	7.44	8.33	9.24	10.17	10.17	6 / 1			
reaction time		interval		1.06	0.95	0.91	0.88	0.88	0.89	0.89	0.91	0.93		# of strides	3.88	2.67	2.69
		velocity	5.35	9.43	10.53	10.99	11.36	11.36	11.24	11.24	10.99	10.75	9.83	48.8	7.73	11.24	11.15
Cambridge, Aska (JPN) (1993)		time	1.91	2.97	3.94	4.85	5.75	6.64	7.53	8.42	9.33	10.26	10.26	5 / 2			
reaction time		interval		1.06	0.97	0.91	0.90	0.89	0.89	0.89	0.91	0.93		# of strides	3.94	2.70	2.69
		velocity	5.24	9.43	10.31	10.99	11.11	11.24	11.24	11.24	10.99	10.75	9.75	48.8	7.61	11.11	11.15
Koike, Yuki (JPN) (1995)		time	1.91	2.97	3.93	4.85	5.75	6.64	7.53	8.44	9.36	10.29	10.29	4 / 3			
reaction time		interval		1.06	0.96	0.92	0.90	0.89	0.89	0.91	0.92	0.93		# of strides	3.93	2.71	2.72
		velocity	5.24	9.43	10.42	10.87	11.11	11.24	11.24	10.99	10.87	10.75	9.72	51.3	7.63	11.07	11.03
Miyamoto, Daisuke (JPN) (1999)		time	1.88	2.95	3.91	4.83	5.74	6.64	7.55	8.47	9.40	10.35	10.35	3 / 4			
reaction time		interval		1.07	0.96	0.92	0.91	0.90	0.91	0.92	0.93	0.95		# of strides	3.91	2.73	2.76
		velocity	5.32	9.35	10.42	10.87	10.99	11.11	10.99	10.87	10.75	10.53	9.66	49.4	7.67	10.99	10.87

B FINAL

date 29-Apr-18 wind 2.7 m/s

Kobayashi (2018) - Race analysis results for men 100m in 2018 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kim Kuk-Young (KOR) (1991)		time	1.88	2.95	3.90	4.80	5.69	6.56	7.44	8.33	9.24	10.17	10.17	3 / 1			
reaction time		interval		1.07	0.95	0.90	0.89	0.87	0.88	0.89	0.91	0.93		# of strides	3.90	2.66	2.68
		velocity	5.32	9.35	10.53	11.11	11.24	11.49	11.36	11.24	10.99	10.75	9.83	49.3	7.69	11.28	11.19

2018 Tokyo Combined Event Meeting (Tokyo, JPN)

Decathlon - Heat 2

date 21-Apr-18 wind 0.2 m/s

Matsubayashi (2018) - research on athlete performance and technique- 2018 data book

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)		time	1.93	3.05	4.07	5.05	6.01	6.96	7.92	8.89	9.88	10.90	10.90	6 / 2			
reaction time		interval		1.12	1.02	0.98	0.96	0.95	0.96	0.97	0.99	1.02		# of strides	4.07	2.89	2.92
		velocity	5.18	8.93	9.80	10.20	10.42	10.53	10.42	10.31	10.10	9.80	9.17		7.37	10.38	10.27
Shimizu, Tsuyoshi (JPN) (1993)		time	1.99	3.13	4.16	5.15	6.12	7.08	8.04	9.02	10.02	11.04	11.04	4 / 3			
reaction time		interval		1.14	1.03	0.99	0.97	0.96	0.96	0.98	1.00	1.02		# of strides	4.16	2.92	2.94
		velocity	5.03	8.77	9.71	10.10	10.31	10.42	10.42	10.20	10.00	9.80	9.06		7.21	10.27	10.20

Decathlon - Heat 1

date 21-Apr-18 wind -4.4 m/s

Matsubayashi (2018) - research on athlete performance and technique- 2018 data book

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)		time	2.00	3.16	4.23	5.28	6.32	7.36	8.41	9.47	10.54	11.62	11.62	5 / 1			
reaction time		interval		1.16	1.07	1.05	1.04	1.04	1.05	1.06	1.07	1.08		# of strides	4.23	3.13	3.18
		velocity	5.00	8.62	9.35	9.52	9.62	9.62	9.52	9.43	9.35	9.26	8.61		7.09	9.58	9.43

2018 Austrailian Athletics Championships (Gold Coast, AUS)

FINAL

date 16-Feb-18 wind 0.4 m/s

Emma (2018.02.26) - twitter.com/Rohan_Browning

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Williams, Trae (AUS) (1997)		time	1.86	2.90	3.83	4.75	5.64	6.51	7.40	8.29	9.19	10.10	10.10	5 / 1			
reaction time		interval		1.04	0.93	0.92	0.89	0.87	0.89	0.89	0.90	0.91	PB	# of strides	3.83	2.68	2.68
		velocity	5.38	9.62	10.75	10.87	11.24	11.49	11.24	11.24	11.11	10.99	9.90	52.7	7.83	11.19	11.19
Browning, Rohan (AUS) (1997)		time	1.95	2.97	3.91	4.83	5.71	6.57	7.45	8.36	9.28	10.21	10.20	6 / 2			
reaction time		interval		1.02	0.94	0.92	0.88	0.86	0.88	0.91	0.92	0.93		# of strides	3.91	2.66	2.71
		velocity	5.13	9.80	10.64	10.87	11.36	11.63	11.36	10.99	10.87	10.75	9.80	46.2	7.67	11.28	11.07

2017 Japanese National Sports Festival (Matsuyama, JPN)

FINAL

date 07-Oct-17 wind 0.0 m/s

Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Suda, Hayato (JPN) (1994)		time	1.86	2.93	3.89	4.81	5.71	6.60	7.50	8.41	9.34	10.30	10.30	/ 2			
reaction time	0.118	interval		1.07	0.96	0.92	0.90	0.89	0.90	0.91	0.93	0.96		# of strides	3.89	2.71	2.74
		velocity	5.38	9.35	10.42	10.87	11.11	11.24	11.11	10.99	10.75	10.42	9.71	47.8	7.71	11.07	10.95
Takeda, Ippei (JPN) (1997)		time	1.86	2.93	3.90	4.83	5.74	6.64	7.54	8.46	9.39	10.35	10.35	/ 3			
reaction time	0.135	interval		1.07	0.97	0.93	0.91	0.90	0.90	0.92	0.93	0.96		# of strides	3.90	2.74	2.75
		velocity	5.38	9.35	10.31	10.75	10.99	11.11	11.11	10.87	10.75	10.42	9.66	48.9	7.69	10.95	10.91

Semi-Final 1

date 07-Oct-17 wind 0.5 m/s

Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nagata, Takuya (JPN) (1994)		time	1.90	2.98	3.95	4.87	5.77	6.67	7.57	8.48	9.41	10.37	10.37	/ 2			
reaction time	0.147	interval		1.08	0.97	0.92	0.90	0.90	0.90	0.91	0.93	0.96		# of strides	3.95	2.72	2.74
		velocity	5.26	9.26	10.31	10.87	11.11	11.11	11.11	10.99	10.75	10.42	9.64	47.8	7.59	11.03	10.95

2017 Japanese Inter-Collegiate Championships (Fukui JPN)

FINAL

date 09-Sep-17 wind 1.8 m/s

Kobayashi (2017) - 100m race patterns of Yoshihide Kiryu in his history attaining 9.98 seconds

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)		time	1.85	2.92	3.87	4.77	5.64	6.50	7.36	8.22	9.09	9.98	9.98	/ 1			
reaction time	0.139	interval		1.07	0.95	0.90	0.87	0.86	0.86	0.86	0.87	0.89	NR	# of strides	3.87	2.63	2.59
		velocity	5.41	9.35	10.53	11.11	11.49	11.63	11.63	11.63	11.49	11.24	10.02		7.75	11.41	11.58

2017 Chinese National Games (Tianjin, CHN)

FINAL

date 03-Sep-17 wind 0.3 m/s

Jiang (2018) - study of key technical characteristics of men's 100m finalists in 2017 national games

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xie Zhenye (CHN) (1993)		time	1.86	2.90	3.81	4.72	5.61	6.47	7.33	8.21	9.10	10.04	10.04	4 / 1			
reaction time	0.14	interval		1.04	0.91	0.91	0.89	0.86	0.86	0.88	0.89	0.94	PB	# of strides	3.81	2.66	2.63
		velocity	5.38	9.62	10.99	10.99	11.24	11.63	11.63	11.36	11.24	10.64	9.96	46.0	7.87	11.28	11.41
Su Bingtian (CHN) (1989)		time	1.83	2.89	3.80	4.71	5.61	6.49	7.36	8.25	9.14	10.10	10.10	7 / 2			
reaction time	0.13	interval		1.06	0.91	0.91	0.90	0.88	0.87	0.89	0.89	0.96		# of strides	3.80	2.69	2.65
		velocity	5.46	9.43	10.99	10.99	11.11	11.36	11.49	11.24	11.24	10.42	9.90	48.2	7.89	11.15	11.32
Xu Haiyang (CHN) (1992)		time	1.89	3.01	3.96	4.89	5.78	6.64	7.53	8.42	9.33	10.28	10.28	5 / 3			
reaction time	0.15	interval		1.12	0.95	0.93	0.89	0.86	0.89	0.89	0.91	0.95		# of strides	3.96	2.68	2.69
		velocity	5.29	8.93	10.53	10.75	11.24	11.63	11.24	11.24	10.99	10.53	9.73	48.2	7.58	11.19	11.15
Wu Zhiqiang (CHN) (1994)		time	1.93	2.98	3.93	4.85	5.75	6.64	7.54	8.43	9.36	10.31	10.31	6 / 4			
reaction time	0.15	interval		1.05	0.95	0.92	0.90	0.89	0.90	0.89	0.93	0.95		# of strides	3.93	2.71	2.72
		velocity	5.18	9.52	10.53	10.87	11.11	11.24	11.11	11.24	10.75	10.53	9.70	47.8	7.63	11.07	11.03
Xu Zhouzheng (CHN) (1995)		time	1.94	3.00	3.93	4.87	5.77	6.63	7.53	8.43	9.35	10.31	10.31	3 / 5			
reaction time	0.15	interval		1.06	0.93	0.94	0.90	0.86	0.90	0.90	0.92	0.96		# of strides	3.93	2.70	2.72
		velocity	5.15	9.43	10.75	10.64	11.11	11.63	11.11	11.11	10.87	10.42	9.70	46.4	7.63	11.11	11.03
Zhang Peimeng (CHN) (1987)		time	1.90	3.00	3.95	4.89	5.82	6.72	7.60	8.49	9.40	10.34	10.34	9 / 6			
reaction time	0.15	interval		1.10	0.95	0.94	0.93	0.90	0.88	0.89	0.91	0.94		# of strides	3.95	2.77	2.68
		velocity	5.26	9.09	10.53	10.64	10.75	11.11	11.36	11.24	10.99	10.64	9.67	47.5	7.59	10.83	11.19
Liang Jinsheng (CHN) (1996)		time	1.94	3.00	3.96	4.91	5.83	6.71	7.60	8.50	9.44	10.37	10.37	2 / 7			
reaction time	0.16	interval		1.06	0.96	0.95	0.92	0.88	0.89	0.90	0.94	0.93		# of strides	3.96	2.75	2.73
		velocity	5.15	9.43	10.42	10.53	10.87	11.36	11.24	11.11	10.64	10.75	9.64	44.0	7.58	10.91	10.99
Mi Hong (CHN) (1993)		time	1.92	3.00	3.97	4.93	5.85	6.75	7.87	8.60	9.54	10.49	10.49	8 / 8			
reaction time	0.13	interval		1.08	0.97	0.96	0.92	0.90	1.12	0.73	0.94	0.95		# of strides	3.97	2.78	2.79
		velocity	5.21	9.26	10.31	10.42	10.87	11.11	8.93	13.70	10.64	10.53	9.53	46.4	7.56	10.79	10.75

2017 IAAF World Championships (London, GBR)

FINAL

date 05-Aug-17 wind -0.8 m/s

Leeds Beckett Univ. (2017) - preliminary analysis of the men's 100m final

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gatlin, Justin (USA) (1982)		time	1.88	2.90	3.81	4.71	5.59	6.45	7.31	8.18	9.05	9.92	9.92	8 / 1			
reaction time	0.138	interval		1.02	0.91	0.90	0.88	0.86	0.86	0.87	0.87	0.87		# of strides	3.81	2.64	2.60
		velocity	5.32	9.80	10.99	11.11	11.36	11.63	11.63	11.49	11.49	11.49	10.08	44.0	7.87	11.36	11.54
Coleman, Christian (USA) (1996)		time	1.87	2.87	3.77	4.65	5.52	6.38	7.26	8.14	9.02	9.94	9.94	5 / 2			
reaction time	0.123	interval		1.00	0.90	0.88	0.87	0.86	0.88	0.88	0.88	0.92		# of strides	3.77	2.61	2.64
		velocity	5.35	10.00	11.11	11.36	11.49	11.63	11.36	11.36	11.36	10.87	10.06	47.0	7.96	11.49	11.36
Bolt, Usain (JAM) (1986)		time	1.96	2.98	3.88	4.76	5.64	6.49	7.34	8.20	9.06	9.95	9.95	4 / 3			
reaction time	0.183	interval		1.02	0.90	0.88	0.88	0.85	0.85	0.86	0.86	0.89		# of strides	3.88	2.61	2.57
		velocity	5.10	9.80	11.11	11.36	11.36	11.76	11.76	11.63	11.63	11.24	10.05	41.0	7.73	11.49	11.67
Blake, Yohan (JAM) (1989)		time	1.89	2.92	3.83	4.73	5.62	6.50	7.37	8.25	9.12	9.99	9.99	7 / 4			
reaction time	0.137	interval		1.03	0.91	0.90	0.89	0.88	0.87	0.88	0.87	0.87		# of strides	3.83	2.67	2.62
		velocity	5.29	9.71	10.99	11.11	11.24	11.36	11.49	11.36	11.49	11.49	10.01	46.1	7.83	11.24	11.45
Simbine, Akani (RSA) (1993)		time	1.92	2.95	3.87	4.79	5.66	6.50	7.36	8.23	9.11	10.01	10.01	6 / 5			
reaction time	0.141	interval		1.03	0.92	0.92	0.87	0.84	0.86	0.87	0.88	0.90		# of strides	3.87	2.63	2.61
		velocity	5.21	9.71	10.87	10.87	11.49	11.90	11.63	11.49	11.36	11.11	9.99	47.8	7.75	11.41	11.49
Vicaut, Jimmy (FRA) (1992)		time	1.95	2.98	3.88	4.77	5.64	6.51	7.39	8.28	9.18	10.08	10.08	3 / 6			
reaction time	0.152	interval		1.03	0.90	0.89	0.87	0.87	0.88	0.89	0.90	0.90		# of strides	3.88	2.63	2.67
		velocity	5.13	9.71	11.11	11.24	11.49	11.49	11.36	11.24	11.11	11.11	9.92	46.5	7.73	11.41	11.24
Prescod, Reece (GBR) (1996)		time	2.04	3.09	4.01	4.93	5.82	6.68	7.54	8.41	9.29	10.17	10.17	9 / 7			
reaction time	0.145	interval		1.05	0.92	0.92	0.89	0.86	0.86	0.87	0.88	0.88		# of strides	4.01	2.67	2.61
		velocity	4.90	9.52	10.87	10.87	11.24	11.63	11.63	11.49	11.36	11.36	9.83	44.1	7.48	11.24	11.49
Su Bingtian (CHN) (1989)		time	2.03	3.06	3.98	4.89	5.78	6.67	7.56	8.45	9.35	10.27	10.27	2 / 8			
reaction time	0.224	interval		1.03	0.92	0.91	0.89	0.89	0.89	0.89	0.90	0.92		# of strides	3.98	2.69	2.68
		velocity	4.93	9.71	10.87	10.99	11.24	11.24	11.24	11.24	11.11	10.87	9.74	48.0	7.54	11.15	11.19

Semi-Final 3

date 05-Aug-17 wind 0.4 m/s

Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ujah, Chijindu (GBR) (1994)		time	1.90	2.97	3.92	4.82	5.70	6.57	7.44	8.32	9.21	10.12	10.12	7 / 4			
reaction time	0.156	interval		1.07	0.95	0.90	0.88	0.87	0.87	0.88	0.89	0.91		# of strides	3.92	2.65	2.64
		velocity	5.26	9.35	10.53	11.11	11.36	11.49	11.49	11.36	11.24	10.99	9.88	45.5	7.65	11.32	11.36

Semi-Final 1

date 05-Aug-17 wind -0.5 m/s *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Dasaolu, James (GBR) (1987)		time	1.89	2.95	3.91	4.82	5.72	6.61	7.50	8.39	9.30	10.22	10.22	4 / 5			
reaction time	0.145	interval		1.06	0.96	0.91	0.90	0.89	0.89	0.89	0.91	0.92		# of strides	3.91	2.70	2.69
		velocity	5.29	9.43	10.42	10.99	11.11	11.24	11.24	11.24	10.99	10.87	9.78	44.8	7.67	11.11	11.15

Heat 5

date 04-Aug-17 wind 0.9 m/s *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kim Kuk-Young (KOR) (1991)		time	1.85	2.90	3.85	4.75	5.64	6.52	7.42	8.33	9.27	10.24	10.24	3 / 3			
reaction time	0.107	interval		1.05	0.95	0.90	0.89	0.88	0.90	0.91	0.94	0.97		# of strides	3.85	2.67	2.75
		velocity	5.41	9.52	10.53	11.11	11.24	11.36	11.11	10.99	10.64	10.31	9.77	50.1	7.79	11.24	10.91

Heat 4

date 04-Aug-17 wind -0.2 m/s *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Su Bingtian (CHN) (1989)		time	1.88	2.93	3.87	4.76	5.64	6.50	7.37	8.24	9.13	10.03	10.03	4 / 1			
reaction time	0.166	interval		1.05	0.94	0.89	0.88	0.86	0.87	0.87	0.89	0.90		# of strides	3.87	2.63	2.63
		velocity	5.32	9.52	10.64	11.24	11.36	11.63	11.49	11.49	11.24	11.11	9.97	48.0	7.75	11.41	11.41

Heat 2

date 04-Aug-17 wind -0.6 m/s *Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xie Zhenye (CHN) (1993)		time	1.87	2.92	3.86	4.77	5.65	6.52	7.40	8.29	9.20	10.13	10.13	6 / 3			
reaction time	0.161	interval		1.05	0.94	0.91	0.88	0.87	0.88	0.89	0.91	0.93		# of strides	3.86	2.66	2.68
		velocity	5.35	9.52	10.64	10.99	11.36	11.49	11.36	11.24	10.99	10.75	9.87	46.6	7.77	11.28	11.19

2017 Windsprint (Sundsvall, SWE)

A FINAL

date 30-Jul-17 wind 1.8 m/s *(2017) - www.windsprint/Splittider/*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kling-Baptiste, Tom (SWE) (1990)		time			4.01		5.83	6.72		8.56		10.41	10.41	5 / 1			
reaction time		interval					1.82	0.89		1.84		1.85		# of strides	4.01	2.71	
		velocity			7.48		10.99	11.24		10.87		10.81	9.61		7.48	11.07	
Leal, Dennis (SWE) (1994)		time			4.13		5.95	6.84		8.68		10.54	10.54	6 / 2			
reaction time		interval					1.82	0.89		1.84		1.86		# of strides	4.13	2.71	
		velocity			7.26		10.99	11.24		10.87		10.75	9.49		7.26	11.07	
Hove Johnansen, Mattias (NOR) (		time			4.10		5.95	6.86		8.70		10.57	10.57	3 / 3			
reaction time		interval					1.85	0.91		1.84		1.87		# of strides	4.10	2.76	
		velocity			7.32		10.81	10.99		10.87		10.70	9.46		7.32	10.87	
Rogo, Desmond (SWE) (1996)		time			4.10		5.95	6.86		8.73		10.65	10.65	4 / 4			
reaction time		interval					1.85	0.91		1.87		1.92		# of strides	4.10	2.76	
		velocity			7.32		10.81	10.99		10.70		10.42	9.39		7.32	10.87	
Darkwah, Tony (SWE) (1986)		time			4.13		5.99	6.92		8.79		10.68	10.68	7 / 5			
reaction time		interval					1.86	0.93		1.87		1.89		# of strides	4.13	2.79	
		velocity			7.26		10.75	10.75		10.70		10.58	9.36		7.26	10.75	
Hellbratt, Douglas (SWE) (1995)		time			4.11		6.01	6.94		8.82		10.73	10.73	8 / 6			
reaction time		interval					1.90	0.93		1.88		1.91		# of strides	4.11	2.83	
		velocity			7.30		10.53	10.75		10.64		10.47	9.32		7.30	10.60	

B FINAL

date 30-Jul-17 wind 1.5 m/s *(2017) - www.windsprint/Splittider/*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
de Oliveria, Nil (SWE) (1986)		time			4.18		6.07	7.00		8.86		10.79	10.79	4 / 1			
reaction time		interval					1.89	0.93		1.86		1.93		# of strides	4.18	2.82	
		velocity			7.18		10.58	10.75		10.75		10.36	9.27		7.18	10.64	
Zirignon, Jean Christian (SWE) (1		time			4.13		6.03	6.96		8.86		10.83	10.83	6 / 2			
reaction time		interval					1.90	0.93		1.90		1.97		# of strides	4.13	2.83	
		velocity			7.26		10.53	10.75		10.53		10.15	9.23		7.26	10.60	
Ojuri, Sunday (SWE) (1993)		time			4.18		6.10	7.03		8.93		10.88	10.88	7 / 3			
reaction time		interval					1.92	0.93		1.90		1.95		# of strides	4.18	2.85	
		velocity			7.18		10.42	10.75		10.53		10.26	9.19		7.18	10.53	
Kapstad, Linus (SWE) (2000)		time			4.17		6.10	7.03		8.94		10.90	10.90	3 / 4			
reaction time		interval					1.93	0.93		1.91		1.96		# of strides	4.17	2.86	
		velocity			7.19		10.36	10.75		10.47		10.20	9.17		7.19	10.49	
Thornberg, Nils (SWE) (1994)		time			4.17		6.10	7.03		8.96		10.94	10.94	5 / 5			
reaction time		interval					1.93	0.93		1.93		1.98		# of strides	4.17	2.86	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

	velocity		7.19		10.36	10.75		10.36		10.10	9.14		7.19	10.49
Helsing, Yonathan (SWE) (1998)	time		4.27		6.19	7.13		9.05		11.05	11.05	8 / 6		
reaction time	interval				1.92	0.94		1.92		2.00		# of strides	4.27	2.86
	velocity		7.03		10.42	10.64		10.42		10.00	9.05		7.03	10.49
Motta, Oskar (SWE) (1998)	time		4.27		6.23	7.18		9.11		11.10	11.10	2 / 7		
reaction time	interval				1.96	0.95		1.93		1.99		# of strides	4.27	2.91
	velocity		7.03		10.20	10.53		10.36		10.05	9.01		7.03	10.31

C FINAL

date 30-Jul-17 wind 1.5 m/s *(2017) - www.windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gjerstsen, Martin (NOR) (1993)	time			4.14		6.10	7.07		9.00		11.02	11.02	2 / 1			
reaction time	interval					1.96	0.97		1.93		2.02	PB	# of strides	4.14	2.93	
	velocity			7.25		10.20	10.31		10.36		9.90	9.07		7.25	10.24	
Sussoho, Amadou (SWE) (1995)	time			4.24		6.21	7.18		9.10		11.12	11.12	5 / 2			
reaction time	interval					1.97	0.97		1.92		2.02		# of strides	4.24	2.94	
	velocity			7.08		10.15	10.31		10.42		9.90	8.99		7.08	10.20	
Grønnhaug, Jonas (NOR) (1989)	time			4.14		6.14	7.13		9.10		11.15	11.15	4 / 3			
reaction time	interval					2.00	0.99		1.97		2.05		# of strides	4.14	2.99	
	velocity			7.25		10.00	10.10		10.15		9.76	8.97		7.25	10.03	
Thor, Viktor (SWE) (2000)	time			4.20		6.24	7.26		9.22		11.28	11.28	6 / 4			
reaction time	interval					2.04	1.02		1.96		2.06		# of strides	4.20	3.06	
	velocity			7.14		9.80	9.80		10.20		9.71	8.87		7.14	9.80	
Langjord, Marcus (NOR) (1996)	time			4.25		6.24	7.22		9.20		11.29	11.29	3 / 5			
reaction time	interval					1.99	0.98		1.98		2.09		# of strides	4.25	2.97	
	velocity			7.06		10.05	10.20		10.10		9.57	8.86		7.06	10.10	
Förnestig, Frank (SWE) (1998)	time			4.30		6.35	7.35		9.35		11.46	11.46	8 / 6			
reaction time	interval					2.05	1.00		2.00		2.11		# of strides	4.30	3.05	
	velocity			6.98		9.76	10.00		10.00		9.48	8.73		6.98	9.84	
Getahun, Kidus Yohannes (SWE)	time			4.42		6.49	7.50		9.52		11.64	11.64	7 / 7			
reaction time	interval					2.07	1.01		2.02		2.12		# of strides	4.42	3.08	
	velocity			6.79		9.66	9.90		9.90		9.43	8.59		6.79	9.74	

D FINAL

date 30-Jul-17 wind 1.2 m/s *(2017) - www.windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Movin, Andreas (SWE) (1996)	time			4.25		6.24	7.22		9.21		11.27	11.27	5 / 1			
reaction time	interval					1.99	0.98		1.99		2.06		# of strides	4.25	2.97	
	velocity			7.06		10.05	10.20		10.05		9.71	8.87		7.06	10.10	
Thor, William (SWE) (2000)	time			4.30		6.31	7.32		9.34		11.42	11.42	6 / 2			
reaction time	interval					2.01	1.01		2.02		2.08		# of strides	4.30	3.02	
	velocity			6.98		9.95	9.90		9.90		9.62	8.76		6.98	9.93	
Bäcke, Gabriel (SWE) (2000)	time			4.38		6.37	7.37		9.39		11.50	11.50	3 / 3			
reaction time	interval					1.99	1.00		2.02		2.11		# of strides	4.38	2.99	
	velocity			6.85		10.05	10.00		9.90		9.48	8.70		6.85	10.03	

2017 Japanese National High School Championships (Yamagata, JPN)

FINAL

date 30-Jul-17 wind -2.0 m/s *Kota (2017) - 70th high school championships: JAF scientific committee - biomechanics data collection*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Miyamoto, Daisuke (JPN) (1999)	time			3.92			6.69			9.53	10.51	10.51	5 / 1			
reaction time 0.122	interval						2.77			2.84	0.98		# of strides	3.92	2.77	2.84
	velocity			7.65			10.83			10.56	10.20	9.51		7.65	10.83	10.56
Tsukamoto, Justin Junpei (JPN) (	time			4.04			6.81			9.61	10.58	10.58	4 / 2			
reaction time 0.158	interval						2.77			2.80	0.97		# of strides	4.04	2.77	2.80
	velocity			7.43			10.83			10.71	10.31	9.45		7.43	10.83	10.71
Fukushima, Kiyoshi (JPN) (2000)	time			4.01			6.81			9.64	10.64	10.64	6 / 3			
reaction time 0.138	interval						2.80			2.83	1.00		# of strides	4.01	2.80	2.83
	velocity			7.48			10.71			10.60	10.00	9.40		7.48	10.71	10.60
Uno, Daichi (JPN) (2000)	time			4.05			6.88			9.74	10.73	10.73	7 / 4			
reaction time 0.132	interval						2.83			2.86	0.99		# of strides	4.05	2.83	2.86
	velocity			7.41			10.60			10.49	10.10	9.32		7.41	10.60	10.49
Dede, Bruno Chikwadoryo (JPN) (	time			4.08			6.91			9.75	10.74	10.74	8 / 5			
reaction time 0.153	interval						2.83			2.84	0.99		# of strides	4.08	2.83	2.84
	velocity			7.35			10.60			10.56	10.10	9.31		7.35	10.60	10.56

Watanabe, Kougen (JPN)		time		4.08		6.94		9.80	10.79	10.79	9 / 6				
reaction time	0.176	interval				2.86		2.86	0.99		# of strides	4.08	2.86	2.86	
		velocity		7.35		10.49		10.49	10.10	9.27		7.35	10.49	10.49	
Suzuki, Ryota (JPN) (1999)		time		4.10		6.98		9.87	10.87	10.87	2 / 7				
reaction time	0.134	interval				2.88		2.89	1.00		# of strides	4.10	2.88	2.89	
		velocity		7.32		10.42		10.38	10.00	9.20		7.32	10.42	10.38	
Kuroki, Motoki (JPN) (1999)		time		4.01		6.90		9.87	10.90	10.90	3 / 8				
reaction time	0.152	interval				2.89		2.97	1.03		# of strides	4.01	2.89	2.97	
		velocity		7.48		10.38		10.10	9.71	9.17		7.48	10.38	10.10	

2017 Japanese National Championships (Osaka, JPN)

FINAL

date 24-Jun-17 wind 0.5 m/s

Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sani Brown, Abdul Hakim (JPN) (1		time	1.88	2.92	3.86	4.76	5.63	6.50	7.37	8.25	9.14	10.05	10.05	/ 1			
reaction time	0.156	interval		1.04	0.94	0.90	0.87	0.87	0.87	0.88	0.89	0.91	PB	# of strides	3.86	2.64	2.64
		velocity	5.32	9.62	10.64	11.11	11.49	11.49	11.49	11.36	11.24	10.99	9.95	44.7	7.77	11.36	11.36
Kawakami, Takuya (JPN) (1995)		time	1.88	2.95	3.91	4.83	5.74	6.64	7.55	8.47	9.41	10.38	10.38	/ 5			
reaction time	0.146	interval		1.07	0.96	0.92	0.91	0.90	0.91	0.92	0.94	0.97		# of strides	3.91	2.73	2.77
		velocity	5.32	9.35	10.42	10.87	10.99	11.11	10.99	10.87	10.64	10.31	9.63	48.6	7.67	10.99	10.83

Semi-Final 2

date 23-Jun-17 wind 0.5 m/s

Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tada, Shuhei (JPN) (1996)		time	1.82	2.85	3.79	4.69	5.57	6.45	7.33	8.23	9.16	10.10	10.10	/ 2			
reaction time	0.131	interval		1.03	0.94	0.90	0.88	0.88	0.88	0.90	0.93	0.94		# of strides	3.79	2.66	2.71
		velocity	5.49	9.71	10.64	11.11	11.36	11.36	11.36	11.11	10.75	10.64	9.90	48.7	7.92	11.28	11.07

Semi-Final 1

date 23-Jun-17 wind -0.2 m/s

Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Miyamoto, Daisuke (JPN) (1999)		time	1.88	2.94	3.90	4.82	5.72	6.63	7.55	8.48	9.44	10.42	10.42	/ 8			
reaction time	0.133	interval		1.06	0.96	0.92	0.90	0.91	0.92	0.93	0.96	0.98		# of strides	3.90	2.73	2.81
		velocity	5.32	9.43	10.42	10.87	11.11	10.99	10.87	10.75	10.42	10.20	9.60	49.9	7.69	10.99	10.68

Heat 6

date 23-Jun-17 wind 0.0 m/s

Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yamagata, Ryota (JPN) (1992)		time	1.86	2.92	3.88	4.80	5.69	6.58	7.47	8.37	9.29	10.24	10.24	/ 1			
reaction time	0.123	interval		1.06	0.96	0.92	0.89	0.89	0.89	0.90	0.92	0.95		# of strides	3.88	2.70	2.71
		velocity	5.38	9.43	10.42	10.87	11.24	11.24	11.24	11.11	10.87	10.53	9.77	48.9	7.73	11.11	11.07

Heat 4

date 23-Jun-17 wind -0.9 m/s

Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cambridge, Aska (JPN) (1993)		time	1.87	2.93	3.87	4.77	5.65	6.51	7.38	8.26	9.16	10.08	10.08	/ 1			
reaction time	0.123	interval		1.06	0.94	0.90	0.88	0.86	0.87	0.88	0.90	0.92	PB	# of strides	3.87	2.64	2.65
		velocity	5.35	9.43	10.64	11.11	11.36	11.63	11.49	11.36	11.11	10.87	9.92	47.2	7.75	11.36	11.32

2017 Fuse Sprint (Fuse, JPN)

FINAL

date 04-Jun-17 wind 1.9 m/s

Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Iizuka, Shota (JPN) (1991)		time	1.88	2.95	3.90	4.80	5.69	6.57	7.44	8.31	9.19	10.08	10.08	/ 1			
reaction time		interval		1.07	0.95	0.90	0.89	0.88	0.87	0.87	0.88	0.89	PB	# of strides	3.90	2.67	2.62
		velocity	5.32	9.35	10.53	11.11	11.24	11.36	11.49	11.49	11.36	11.24	9.92	48.0	7.69	11.24	11.45
Hara, Shota (JPN) (1992)		time	1.87	2.94	3.90	4.80	5.68	6.56	7.44	8.33	9.22	10.13	10.13	/ 3			
reaction time		interval		1.07	0.96	0.90	0.88	0.88	0.88	0.89	0.89	0.91	PB	# of strides	3.90	2.66	2.66
		velocity	5.35	9.35	10.42	11.11	11.36	11.36	11.36	11.24	11.24	10.99	9.87	49.0	7.69	11.28	11.28
Kuki, Takumi (JPN) (1992)		time	1.86	2.93	3.88	4.79	5.68	6.57	7.46	8.36	9.28	10.20	10.20	/ 4			
reaction time		interval		1.07	0.95	0.91	0.89	0.89	0.89	0.90	0.92	0.92		# of strides	3.88	2.69	2.71
		velocity	5.38	9.35	10.53	10.99	11.24	11.24	11.24	11.11	10.87	10.87	9.80	50.1	7.73	11.15	11.07

B FINAL

date 04-Jun-17 wind 2.1 m/s

Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Baba, Tomoya (JPN) (1990)		time	1.90	2.97	3.93	4.85	5.74	6.62	7.50	8.41	9.33	10.26	10.26	/ 1			
reaction time		interval		1.07	0.96	0.92	0.89	0.88	0.88	0.91	0.92	0.93		# of strides	3.93	2.69	2.71
		velocity	5.26	9.35	10.42	10.87	11.24	11.36	11.36	10.99	10.87	10.75	9.75	47.7	7.63	11.15	11.07
Oseto, Kazuma (JPN) (1994)		time	1.88	2.96	3.92	4.85	5.76	6.66	7.57	8.49	9.44	10.41	10.41	/ 5			
reaction time		interval		1.08	0.96	0.93	0.91	0.90	0.91	0.92	0.95	0.97		# of strides	3.92	2.74	2.78
		velocity	5.32	9.26	10.42	10.75	10.99	11.11	10.99	10.87	10.53	10.31	9.61	48.0	7.65	10.95	10.79

Heat 1

date 04-Jun-17 wind 2.9 m/s

Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Fujimitsu, Kenji (JPN) (1986)	time	1.92	2.99	3.94	4.85	5.74	6.62	7.49	8.37	9.26	10.17	10.17	/ 2			
reaction time	interval		1.07	0.95	0.91	0.89	0.88	0.87	0.88	0.89	0.91		# of strides	3.94	2.68	2.64
	velocity	5.21	9.35	10.53	10.99	11.24	11.36	11.49	11.36	11.24	10.99	9.83	46.6	7.61	11.19	11.36
Takase, Kei (JPN) (1988)	time	1.87	2.95	3.91	4.83	5.73	6.63	7.53	8.45	9.38	10.33	10.33	/ 4			
reaction time	interval		1.08	0.96	0.92	0.90	0.90	0.90	0.92	0.93	0.95		# of strides	3.91	2.72	2.75
	velocity	5.35	9.26	10.42	10.87	11.11	11.11	11.11	10.87	10.75	10.53	9.68	47.5	7.67	11.03	10.91

2017 Shimane High School Championships (Izumo, JPN)

FINAL

date 27-May-17 wind 2.1 m/s

Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tsuki. Katsuta (JPN)	time			4.10			6.80				10.77	10.77	7 / 1			
reaction time	interval						2.70				3.97		# of strides	4.10	2.70	
	velocity			7.32			11.11				10.08	9.29	48.5	7.32	11.11	
Kadowaki, Riku (JPN) (2000)	time			4.10			6.90				10.80	10.80	5 / 2			
reaction time	interval						2.80				3.90		# of strides	4.10	2.80	
	velocity			7.32			10.71				10.26	9.26	50.5	7.32	10.71	
Yu, Matsuura (JPN)	time			4.07			6.93				10.92	10.92	8 / 3			
reaction time	interval						2.86				3.99		# of strides	4.07	2.86	
	velocity			7.37			10.49				10.03	9.16	51.5	7.37	10.49	
Hayashi, Raito (JPN)	time			4.13			6.97				10.93	10.93	6 / 4			
reaction time	interval						2.84				3.96		# of strides	4.13	2.84	
	velocity			7.26			10.56				10.10	9.15	50.5	7.26	10.56	
Kirihara, Yuto (JPN)	time			4.10			7.00				10.99	10.99	4 / 5			
reaction time	interval						2.90				3.99		# of strides	4.10	2.90	
	velocity			7.32			10.34				10.03	9.10	52.5	7.32	10.34	

2017 Mikio Oda Memorial (Hiroshima, JPN)

FINAL

date 29-Apr-17 wind -0.3 m/s

Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)	time	1.81	2.86	3.81	4.72	5.60	6.47	7.35	8.23	9.13	10.04	10.04	/ 1			
reaction time	interval		1.05	0.95	0.91	0.88	0.87	0.88	0.88	0.90	0.91		# of strides	3.81	2.66	2.66
	velocity	5.52	9.52	10.53	10.99	11.36	11.49	11.36	11.36	11.11	10.99	9.96	48.0	7.87	11.28	11.28

B FINAL

date 29-Apr-17 wind -0.3 m/s

Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hirao, Yuki (JPN) (1996)	time	1.87	2.95	3.93	4.87	5.79	6.71	7.62	8.54	9.46	10.41	10.41	/ 2			
reaction time	interval		1.08	0.98	0.94	0.92	0.92	0.91	0.92	0.92	0.95		# of strides	3.93	2.78	2.75
	velocity	5.35	9.26	10.20	10.64	10.87	10.87	10.99	10.87	10.87	10.53	9.61	50.1	7.63	10.79	10.91

2017 SummerOfAths Grand Prix (Canberra, AUS)

FINAL

date 11-Mar-17 wind -0.1 m/s

(2017) - tfdata-store.com/2017/03/12/post-46/

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yamagata, Ryota (JPN) (1992)	time						6.54				10.08	10.08	/ 1			
reaction time	interval										3.54		# of strides			
	velocity						9.17				11.30	9.92	48.2			

Race B

date 11-Mar-17 wind 1.4 m/s

(2017) - tfdata-store.com/2017/03/12/post-46/

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)	time						6.56				10.04	10.04	/ 1			
reaction time	interval										3.48		# of strides			
	velocity						9.15				11.49	9.96	47.0			

Race C

date 11-Mar-17 wind 1.3 m/s

(2017) - tfdata-store.com/2017/03/12/post-46/

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yamagata, Ryota (JPN) (1992)	time						6.52				10.06	10.06	/ 1			
reaction time	interval										3.54		# of strides			
	velocity						9.20				11.30	9.94	48.0			

2016 Olympic Games (Rio de Janeiro, BRA)

FINAL

date 14-Aug-16 wind 0.2 m/s

Vazel (2020) - https://twitter.com/pjvazel/status/1297189365806817280?s=21

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bolt, Usain (JAM) (1986)		time			3.84			6.41		8.08		9.81	9.81	6 / 1			
reaction time	0.155	interval						2.57		1.67		1.73		# of strides	3.84	2.57	
		velocity			7.81			11.67		11.98		11.56	10.19	41.2	7.81	11.67	
Gatlin, Justin (USA) (1982)	0.152	no information available											9.89	4 / 2	# of strides	43.5	
De Grasse, Andre (CAN) (1994)	0.141	no information available										PB	9.91	7 / 3	# of strides	46.5	
Blake, Yohan (JAM) (1989)	0.145	no information available											9.93	9 / 4	# of strides	46.0	
Simbine, Akani (RSA) (1993)	0.128	no information available											9.94	3 / 5	# of strides	46.2	
Meité, Ben Youssef (CIV) (1986)	0.156	no information available										NR PB	9.96	8 / 6	# of strides	46.0	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

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Gerlach, Michael (SWE) (1984)	time		4.32		7.25		11.18	11.18	3 / 1					
reaction time	interval				2.93		3.93		# of strides	4.32	2.93			
	velocity		6.94		10.24		10.18	8.94		6.94	10.24			
Sandström, Emil (SWE) (2000)	time		4.28		7.32		11.50	11.50	6 / 2					
reaction time	interval				3.04		4.18		# of strides	4.28	3.04			
	velocity		7.01		9.87		9.57	8.70		7.01	9.87			
Nilsen, Erlend (SWE)	time		4.33		7.39		11.56	11.56	4 / 3					
reaction time	interval				3.06		4.17		# of strides	4.33	3.06			
	velocity		6.93		9.80		9.59	8.65		6.93	9.80			
Jonsson, Tobias (SWE) (1996)	time		4.35		7.38		11.57	11.57	2 / 4					
reaction time	interval				3.03		4.19		# of strides	4.35	3.03			
	velocity		6.90		9.90		9.55	8.64		6.90	9.90			
Samuelsson, Jakob (SWE) (1998)	time		4.41		7.48		11.69	11.69	5 / 5					
reaction time	interval				3.07		4.21		# of strides	4.41	3.07			
	velocity		6.80		9.77		9.50	8.55		6.80	9.77			
Jonsson, Per (SWE) (1988)	time		4.43		7.53		11.80	11.80	1 / 6					
reaction time	interval				3.10		4.27		# of strides	4.43	3.10			
	velocity		6.77		9.68		9.37	8.47		6.77	9.68			
Tömmervik, Sindre (NOR) (1997)	time		4.53		7.72		12.04	12.04	7 / 7					
reaction time	interval				3.19		4.32		# of strides	4.53	3.19			
	velocity		6.62		9.40		9.26	8.31		6.62	9.40			

Heat 2

date 31-Jul-16 wind 0.7 m/s *(2016) - www.windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kapstad, Linus (SWE) (2000)	time			4.15			7.02				11.00	11.00	4 / 1			
reaction time	interval						2.87				3.98	=PB	# of strides	4.15	2.87	
	velocity			7.23			10.45				10.05	9.09		7.23	10.45	
Helsing, Yonathan (SWE) (1998)	time			4.21			7.08				11.03	11.03	5 / 2			
reaction time	interval						2.87				3.95	PB	# of strides	4.21	2.87	
	velocity			7.13			10.45				10.13	9.07		7.13	10.45	
Thornberg, Nils (SWE) (1994)	time			4.20			7.08				11.16	11.16	7 / 3			
reaction time	interval						2.88				4.08		# of strides	4.20	2.88	
	velocity			7.14			10.42				9.80	8.96		7.14	10.42	
Allison, Tarley (SWE) (1997)	time			4.21			7.12				11.18	11.18	3 / 4			
reaction time	interval						2.91				4.06		# of strides	4.21	2.91	
	velocity			7.13			10.31				9.85	8.94		7.13	10.31	
Ekane, Fritz (SWE) (1990)	time			4.27			7.20				11.29	11.29	2 / 5			
reaction time	interval						2.93				4.09		# of strides	4.27	2.93	
	velocity			7.03			10.24				9.78	8.86		7.03	10.24	
Berggren, Marcus (SWE) (1996)	time			4.32			7.31				11.38	11.38	6 / 6			
reaction time	interval						2.99				4.07		# of strides	4.32	2.99	
	velocity			6.94			10.03				9.83	8.79		6.94	10.03	
Olofsson, Ludwig (SWE) (1998)	time			4.30			7.31				11.49	11.49	1 / 7			
reaction time	interval						3.01				4.18		# of strides	4.30	3.01	
	velocity			6.98			9.97				9.57	8.70		6.98	9.97	
Nilsson, Anton (SWE) (1992)	time			4.40			7.42				11.60	11.60	8 / 8			
reaction time	interval						3.02				4.18		# of strides	4.40	3.02	
	velocity			6.82			9.93				9.57	8.62		6.82	9.93	

Heat 1

date 31-Jul-16 wind 0.7 m/s *(2016) - www.windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kling-Baptiste, Tom (SWE) (1990)	time			4.02			6.75				10.46	10.46	4 / 1			
reaction time	interval						2.73				3.71		# of strides	4.02	2.73	
	velocity			7.46			10.99				10.78	9.56		7.46	10.99	
Darkwah, Tony (SWE) (1986)	time			4.07			6.83				10.56	10.56	5 / 2			
reaction time	interval						2.76				3.73		# of strides	4.07	2.76	
	velocity			7.37			10.87				10.72	9.47		7.37	10.87	
Tärnhuvud, Stefan (SWE) (1985)	time			4.11			6.98				10.84	10.84	2 / 3			
reaction time	interval						2.87				3.86		# of strides	4.11	2.87	
	velocity			7.30			10.45				10.36	9.23		7.30	10.45	
Lilja, Johan (SWE) (1995)	time			4.18			7.02				10.90	10.90	7 / 4			

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

reaction time	interval			2.84		3.88		# of strides	4.18	2.84		
	velocity	7.18		10.56		10.31	9.17		7.18	10.56		
Ojuri, Sunday (SWE) (1993)	time	4.21		7.06		10.93	10.93	8 / 5				
reaction time	interval			2.85		3.87		# of strides	4.21	2.85		
	velocity	7.13		10.53		10.34	9.15		7.13	10.53		
Wulff, Jonathan (SWE) (1994)	time	4.20		7.04		10.97	10.97	1 / 6				
reaction time	interval			2.84		3.93		# of strides	4.20	2.84		
	velocity	7.14		10.56		10.18	9.12		7.14	10.56		
Armfeldt, Carl (SWE) (1984)	time	4.21		7.05		11.01	11.01	6 / 7				
reaction time	interval			2.84		3.96		# of strides	4.21	2.84		
	velocity	7.13		10.56		10.10	9.08		7.13	10.56		
Kjell, Gustaf (SWE) (1996)	time	4.15		7.04		11.07	11.07	3 / 8				
reaction time	interval			2.89		4.03		# of strides	4.15	2.89		
	velocity	7.23		10.38		9.93	9.03		7.23	10.38		

2016 Japanese National High School Championships (Okayama, JPN)

FINAL date 30-Jul-16 wind 3.0 m/s *Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data collection*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Miyamoto, Daisuke (JPN) (1999)		time		2.90	3.94	4.90	5.83	6.74	7.69	8.65		10.61	10.61	/ 1			
reaction time	0.138	interval			1.04	0.96	0.93	0.91	0.95	0.96		1.96		# of strides	3.94	2.80	
		velocity		6.90	9.62	10.42	10.75	10.99	10.53	10.42		10.20	9.43		7.61	10.71	
Matsuo, Takamasa (JPN) (1998)		time		2.95	4.01	4.97	5.91	6.87	7.82	8.77		10.72	10.72	/ 2			
reaction time	0.129	interval			1.06	0.96	0.94	0.96	0.95	0.95		1.95		# of strides	4.01	2.86	
		velocity		6.78	9.43	10.42	10.64	10.42	10.53	10.53		10.26	9.33		7.48	10.49	
Tamura, Kazuki (JPN) (1998)		time		2.96	4.03	4.99	5.93	6.89	7.84	8.80		10.78	10.78	/ 3			
reaction time	0.153	interval			1.07	0.96	0.94	0.96	0.95	0.96		1.98		# of strides	4.03	2.86	
		velocity		6.76	9.35	10.42	10.64	10.42	10.53	10.42		10.10	9.28		7.44	10.49	
Sano, Yo (JPN) (1999)		time		2.95	4.02	5.00	5.95	6.90	7.85	8.83		10.82	10.82	/ 4			
reaction time	0.137	interval			1.07	0.98	0.95	0.95	0.95	0.98		1.99		# of strides	4.02	2.88	
		velocity		6.78	9.35	10.20	10.53	10.53	10.53	10.20		10.05	9.24		7.46	10.42	
Saito, Isami (JPN) (1999)		time		3.00	4.08	5.07	6.02	6.97	7.92	8.87		10.84	10.84	/ 5			
reaction time	0.128	interval			1.08	0.99	0.95	0.95	0.95	0.95		1.97		# of strides	4.08	2.89	
		velocity		6.67	9.26	10.10	10.53	10.53	10.53	10.53		10.15	9.23		7.35	10.38	
Kuroki, Motoki (JPN) (1999)		time		2.92	3.99	4.98	5.91	6.87	7.84	8.83		10.88	10.88	/ 6			
reaction time		interval			1.07	0.99	0.93	0.96	0.97	0.99		2.05		# of strides	3.99	2.88	
		velocity		6.85	9.35	10.10	10.75	10.42	10.31	10.10		9.76	9.19		7.52	10.42	
Nakawaki Yuya (JPN) (1998)		time		2.96	4.05	5.05	6.01	6.96	7.93	8.90		10.89	10.89	/ 7			
reaction time	0.141	interval			1.09	1.00	0.96	0.95	0.97	0.97		1.99		# of strides	4.05	2.91	
		velocity		6.76	9.17	10.00	10.42	10.53	10.31	10.31		10.05	9.18		7.41	10.31	
Nakazawa, Yuya (JPN)		time		2.95	4.02	5.01	5.97	6.95	7.91	8.91		10.93	10.93	/ 8			
reaction time		interval			1.07	0.99	0.96	0.98	0.96	1.00		2.02		# of strides	4.02	2.93	
		velocity		6.78	9.35	10.10	10.42	10.20	10.42	10.00		9.90	9.15		7.46	10.24	

2016 Japanese National Championships (Nagoya, JPN)

FINAL date 25-Jun-16 wind -0.3 m/s *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cambridge, Aska (JPN) (1993)		time	1.89	2.96	3.91	4.82	5.70	6.58	7.46	8.35	9.25	10.16	10.16	5 / 1			
reaction time	0.139	interval		1.07	0.95	0.91	0.88	0.88	0.88	0.89	0.90	0.91		# of strides	3.91	2.67	2.67
		velocity	5.29	9.35	10.53	10.99	11.36	11.36	11.36	11.24	11.11	10.99	9.84	47.0	7.67	11.24	11.24
Yamagata, Ryoto (JPN) (1992)		time	1.86	2.92	3.86	4.76	5.65	6.54	7.43	8.33	9.25	10.17	10.17	4 / 2			
reaction time	0.139	interval		1.06	0.94	0.90	0.89	0.89	0.89	0.90	0.92	0.92		# of strides	3.86	2.68	2.71
		velocity	5.38	9.43	10.64	11.11	11.24	11.24	11.24	11.11	10.87	10.87	9.83	49.0	7.77	11.19	11.07
Kiryu, Yoshihide (JPN) (1995)		time	1.88	2.93	3.88	4.78	5.68	6.57	7.47	8.38	9.32	10.31	10.31	6 / 3			
reaction time	0.141	interval		1.05	0.95	0.90	0.90	0.89	0.90	0.91	0.94	0.99		# of strides	3.88	2.69	2.75
		velocity	5.32	9.52	10.53	11.11	11.11	11.24	11.11	10.99	10.64	10.10	9.70	48.2	7.73	11.15	10.91

Semi-Final 2 date 24-Jun-16 wind -1.4 m/s *Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yamagata, Ryoto (JPN) (1992)		time	1.86	2.93	3.88	4.80	5.70	6.59	7.49	8.41	9.33	10.26	10.26	5 / 1			
reaction time	0.139	interval		1.07	0.95	0.92	0.90	0.89	0.90	0.92	0.92	0.93		# of strides	3.88	2.71	2.74
		velocity	5.38	9.35	10.53	10.87	11.11	11.24	11.11	10.87	10.87	10.75	9.75	49.6	7.73	11.07	10.95
Kiryu, Yoshihide (JPN) (1995)		time	1.87	2.93	3.88	4.80	5.70	6.59	7.49	8.41	9.33	10.29	10.29	3 / 2			

reaction time	0.140	interval		1.06	0.95	0.92	0.90	0.89	0.90	0.92	0.92	0.96		# of strides	3.88	2.71	2.74
		velocity	5.35	9.43	10.53	10.87	11.11	11.24	11.11	10.87	10.87	10.42	9.72	48.5	7.73	11.07	10.95

Semi-Final 1

date 24-Jun-16 wind -0.3 m/s

Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cambridge, Aska (JPN) (1993)		time	1.90	2.97	3.83	4.84	5.73	6.62	7.51	8.42	9.33	10.25	10.25	4 / 1			
reaction time	0.150	interval		1.07	0.86	1.01	0.89	0.89	0.89	0.91	0.91	0.92		# of strides	3.83	2.79	2.71
		velocity	5.26	9.35	11.63	9.90	11.24	11.24	11.24	10.99	10.99	10.87	9.76	47.3	7.83	10.75	11.07

2016 Japanese National Multi-Event Championships (Nagano, JPN)

Decathlon - Heat 3

date 11-Jun-16 wind 1.8 m/s

Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)	time	1.98	3.06	4.04	4.99	5.93	6.87	7.80	8.74	9.71	10.69	10.69	4 / 2			
reaction time	interval		1.08	0.98	0.95	0.94	0.94	0.93	0.94	0.97	0.98		# of strides	4.04	2.83	2.84
	velocity	5.05	9.26	10.20	10.53	10.64	10.64	10.75	10.64	10.31	10.20	9.35		7.43	10.60	10.56

2016 Fuse Sprint (Tottori, JPN)

FINAL

date 05-Jun-16 wind -0.5 m/s

Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yamagata, Ryoto (JPN) (1992)	time	1.85	2.90	3.83	4.73	5.61	6.49	7.37	8.25	9.15	10.06	10.06	/ 1			
reaction time	interval		1.05	0.93	0.90	0.88	0.88	0.88	0.88	0.90	0.91	PB	# of strides	3.83	2.66	2.66
	velocity	5.41	9.52	10.75	11.11	11.36	11.36	11.36	11.36	11.11	10.99	9.94	48.4	7.83	11.28	11.28
Kiryu, Yoshihide (JPN) (1995)	time	1.87	2.91	3.84	4.73	5.61	6.49	7.37	8.26	9.16	10.09	10.09	/ 2			
reaction time	interval		1.04	0.93	0.89	0.88	0.88	0.88	0.89	0.90	0.93		# of strides	3.84	2.65	2.67
	velocity	5.35	9.62	10.75	11.24	11.36	11.36	11.36	11.24	11.11	10.75	9.91	47.7	7.81	11.32	11.24
Takase, Kei (JPN) (1988)	time	1.88	2.92	3.85	4.76	5.64	6.55	7.46	8.38	9.31	10.25	10.25	/ 3			
reaction time	interval		1.04	0.93	0.91	0.88	0.91	0.91	0.92	0.93	0.94		# of strides	3.85	2.70	2.76
	velocity	5.32	9.62	10.75	10.99	11.36	10.99	10.99	10.87	10.75	10.64	9.76	48.4	7.79	11.11	10.87
Oseto, Kazuma (JPN) (1994)	time	1.92	2.97	3.92	4.84	5.73	6.64	7.55	8.47	9.39	10.31	10.31	/ 4			
reaction time	interval		1.05	0.95	0.92	0.89	0.91	0.91	0.92	0.92	0.92		# of strides	3.92	2.72	2.75
	velocity	5.21	9.52	10.53	10.87	11.24	10.99	10.99	10.87	10.87	10.87	9.70	49.6	7.65	11.03	10.91
Fujimuitsu, Kenji (JPN) (1986)	time	1.89	2.95	3.91	4.83	5.72	6.63	7.54	8.46	9.38	10.31	10.31	/ 5			
reaction time	interval		1.06	0.96	0.92	0.89	0.91	0.91	0.92	0.92	0.93		# of strides	3.91	2.72	2.75
	velocity	5.29	9.43	10.42	10.87	11.24	10.99	10.99	10.87	10.87	10.75	9.70	47.7	7.67	11.03	10.91
Hara, Shota (JPN) (1992)	time	1.92	2.99	3.95	4.87	5.77	6.67	7.58	8.49	9.39	10.31	10.31	/ 6			
reaction time	interval		1.07	0.96	0.92	0.90	0.90	0.91	0.91	0.90	0.92	PB	# of strides	3.95	2.72	2.72
	velocity	5.21	9.35	10.42	10.87	11.11	11.11	10.99	10.99	11.11	10.87	9.70	46.3	7.59	11.03	11.03

Heat 1

date 05-Jun-16 wind -0.6 m/s

Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)	time	1.85	2.89	3.83	4.74	5.63	6.52	7.42	8.32	9.25	10.21	10.21	/ 1			
reaction time	interval		1.04	0.94	0.91	0.89	0.89	0.90	0.90	0.93	0.96		# of strides	3.83	2.69	2.73
	velocity	5.41	9.62	10.64	10.99	11.24	11.24	11.11	11.11	10.75	10.42	9.79	48.0	7.83	11.15	10.99
Yamagata, Ryoto (JPN) (1992)	time	1.88	2.94	3.88	4.81	5.71	6.60	7.50	8.40	9.31	10.23	10.23	/ 2			
reaction time	interval		1.06	0.94	0.93	0.90	0.89	0.90	0.90	0.91	0.92		# of strides	3.88	2.72	2.71
	velocity	5.32	9.43	10.64	10.75	11.11	11.24	11.11	11.11	10.99	10.87	9.78	49.2	7.73	11.03	11.07

2016 Seiko Golden Grand Prix (Kawasaki, JPN)

FINAL

date 08-May-16 wind -0.4 m/s

Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gaitlin, Justin (USA) (1982)	time	1.84	2.90	3.84	4.73	5.61	6.48	7.34	8.22	9.11	10.02	10.02	5 / 1			
reaction time	interval		1.06	0.94	0.89	0.88	0.87	0.86	0.88	0.89	0.91		# of strides	3.84	2.64	2.63
	velocity	5.43	9.43	10.64	11.24	11.36	11.49	11.63	11.36	11.24	10.99	9.98	44.9	7.81	11.36	11.41
Yamagata, Ryoto (JPN) (1992)	time	1.86	2.94	3.89	4.79	5.68	6.56	7.45	8.36	9.27	10.21	10.21	6 / 2			
reaction time	interval		1.08	0.95	0.90	0.89	0.88	0.89	0.91	0.91	0.94		# of strides	3.89	2.67	2.71
	velocity	5.38	9.26	10.53	11.11	11.24	11.36	11.24	10.99	10.99	10.64	9.79	49.1	7.71	11.24	11.07
Gittens, Ramon (BAR) (1987)	time	1.87	2.95	3.91	4.82	5.72	6.60	7.49	8.39	9.31	10.26	10.26	8 / 3			
reaction time	interval		1.08	0.96	0.91	0.90	0.88	0.89	0.90	0.92	0.95		# of strides	3.91	2.69	2.71
	velocity	5.35	9.26	10.42	10.99	11.11	11.36	11.24	11.11	10.87	10.53	9.75	47.8	7.67	11.15	11.07
Kiryu, Yoshihide (JPN) (1995)	time	1.90	2.95	3.90	4.80	5.69	6.58	7.47	8.38	9.31	10.27	10.27	4 / 4			
reaction time	interval		1.05	0.95	0.90	0.89	0.89	0.89	0.91	0.93	0.96		# of strides	3.90	2.68	2.73
	velocity	5.26	9.52	10.53	11.11	11.24	11.24	11.24	10.99	10.75	10.42	9.74	47.9	7.69	11.19	10.99
Sani Brown, Abdul Hakim (JPN) (1	time	1.92	2.99	3.95	4.86	5.76	6.65	7.55	8.46	9.39	10.34	10.34	3 / 5			
reaction time	interval		1.07	0.96	0.91	0.90	0.89	0.90	0.91	0.93	0.95		# of strides	3.95	2.70	2.74
	velocity	5.21	9.35	10.42	10.99	11.11	11.24	11.11	10.99	10.75	10.53	9.67	44.8	7.59	11.11	10.95

2016 Hürden-und Sprintmeeting (Basel, SUI)

FINAL

date 07-May-16 wind 0.9 m/s

Swiss Athletics (2016) - sprint and hurdle analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wilson, Alex (SUI) (1990)	time					5.83					10.35	10.35	/ 1			
reaction time	interval										4.52		# of strides			
	velocity					8.58					11.06	9.66				
Mouthon, Bastien (SUI) (1994)	time					5.88					10.46	10.46	/ 2			
reaction time	interval										4.58		# of strides			
	velocity					8.50					10.92	9.56				
Fongué, Rolf (SUI) (1987)	time					5.92					10.75	10.75	/ 3			
reaction time	interval										4.83		# of strides			
	velocity					8.45					10.35	9.30				

2016 Wakayama Grand Prix (Wakayama, JPN)

Decathlon - Heat 2

date 30-Apr-16 wind -1.3 m/s

Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.02	3.14	4.16	5.17	6.16	7.16	8.17	9.20	10.25	11.32	11.32	5 / 3			
reaction time	interval		1.12	1.02	1.01	0.99	1.00	1.01	1.03	1.05	1.07		# of strides	4.16	3.00	3.09
	velocity	4.95	8.93	9.80	9.90	10.10	10.00	9.90	9.71	9.52	9.35	8.83		7.21	10.00	9.71

Decathlon - Heat 1

date 30-Apr-16 wind -0.1 m/s

Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)	time	1.95	3.03	4.02	4.98	5.92	6.87	7.81	8.77	9.75	10.75	10.75	4 / 1			
reaction time	interval		1.08	0.99	0.96	0.94	0.95	0.94	0.96	0.98	1.00		# of strides	4.02	2.85	2.88
	velocity	5.13	9.26	10.10	10.42	10.64	10.53	10.64	10.42	10.20	10.00	9.30		7.46	10.53	10.42

2016 Mikio Oda Memorial (Hiroshima, JPN)

FINAL

date 29-Apr-16 wind -2.5 m/s

Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yamagata, Ryota (JPN) (1992)	time	1.80	2.85	3.82	4.76	5.66	6.56	7.47	8.39	9.33	10.27	10.27	3 / 1			
reaction time	interval		1.05	0.97	0.94	0.90	0.90	0.91	0.92	0.94	0.94		# of strides	3.82	2.74	2.77
	velocity	5.56	9.52	10.31	10.64	11.11	11.11	10.99	10.87	10.64	10.64	9.74	49.3	7.85	10.95	10.83

Heat 2

date 29-Apr-16 wind -0.4 m/s

Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cambridge, Aska (JPN) (1993)	time	1.97	3.03	3.99	4.90	5.80	6.69	7.59	8.48	9.40	10.33	10.33	5 / 1			
reaction time 0.150	interval		1.06	0.96	0.91	0.90	0.89	0.90	0.89	0.92	0.93		# of strides	3.99	2.70	2.71
	velocity	5.08	9.43	10.42	10.99	11.11	11.24	11.11	11.24	10.87	10.75	9.68	47.0	7.52	11.11	11.07

2015 IAAF World Championships (Beijing, CHN)

FINAL

date 23-Aug-15 wind -0.5 m/s

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bolt, Usain (JAM) (1986)	0.159	no information available										9.79	5 / 1		# of strides	41.2
Gatlin, Justin (USA) (1982)	0.165	no information available										9.80	7 / 2		# of strides	43.0
Bromell, Trayvon (USA) (1995)	0.135	no information available										9.92	3 / 3		# of strides	46.7
De Grasse, Andre (CAN) (1994)	0.136	no information available									PB	9.92	9 / 3		# of strides	46.0
Rodgers, Mike (USA) (1985)	0.139	no information available										9.94	4 / 5		# of strides	45.0
Gay, Tyson (USA) (1982)	0.128	no information available										10.00	6 / 6		# of strides	45.0
Powell, Asafa (JAM) (1982)	0.144	no information available										10.00	8 / 7		# of strides	44.7
Vicaut, Jimmy (FRA) (1992)	0.170	no information available										10.00	1 / 8		# of strides	46.0
Su Bingtian (CHN) (1989)	0.175	no information available										10.06	2 / 9		# of strides	48.2

2015 Japanese National High School Championships (Wakayama, JPN)

FINAL

date 30-Jul-15 wind -0.8 m/s

Enomoto (2015) - 68th high school championships: JAF scientific committee - biomechanics data collection

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Oshima, Kenta (JPN) (1997)	time			3.90	4.82	5.75	6.63	7.53	8.41	9.35	10.29	10.29	/ 1			
reaction time	interval				0.92	0.93	0.88	0.90	0.88	0.94	0.94	PB	# of strides	3.90	2.73	2.72
	velocity			7.69	10.87	10.75	11.36	11.11	11.36	10.64	10.64	9.72		7.69	10.99	11.03
Sani Brown, Abdul Hakim (JPN) (1	time			3.92	4.84	5.78	6.66	7.55	8.44	9.37	10.30	10.30	/ 2			
reaction time	interval				0.92	0.94	0.88	0.89	0.89	0.93	0.93		# of strides	3.92	2.74	2.71
	velocity			7.65	10.87	10.64	11.36	11.24	11.24	10.75	10.75	9.71		7.65	10.95	11.07
Katsuse, Kendai (JPN) (1997)	time			3.92	4.87	5.81	6.71	7.62	8.55	9.50	10.48	10.48	/ 3			
reaction time	interval				0.95	0.94	0.90	0.91	0.93	0.95	0.98	PB	# of strides	3.92	2.79	2.79
	velocity			7.65	10.53	10.64	11.11	10.99	10.75	10.53	10.20	9.54		7.65	10.75	10.75
Yamashita, Jun (JPN) (1997)	time			4.05	4.99	5.96	6.86	7.78	8.70	9.65	10.63	10.63	/ 4			
reaction time	interval				0.94	0.97	0.90	0.92	0.92	0.95	0.98		# of strides	4.05	2.81	2.79
	velocity			7.41	10.64	10.31	11.11	10.87	10.87	10.53	10.20	9.41		7.41	10.68	10.75
Someya, Yoshihiro (JPN) (1998)	time			4.00	4.94	5.92	6.85	7.79	8.72	9.70	10.68	10.68	/ 5			
reaction time	interval				0.94	0.98	0.93	0.94	0.93	0.98	0.98		# of strides	4.00	2.85	2.85

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

	velocity	7.50	10.64	10.20	10.75	10.64	10.75	10.20	10.20	9.36		7.50	10.53	10.53
Miyamoto, Daisuke (JPN) (1999)	time	4.03	4.97	5.97	6.86	7.78	8.72	9.70	10.70	10.70	/ 6			
reaction time	interval		0.94	1.00	0.89	0.92	0.94	0.98	1.00		# of strides	4.03	2.83	2.84
	velocity	7.44	10.64	10.00	11.24	10.87	10.64	10.20	10.00	9.35		7.44	10.60	10.56
Masuda, Kengo (JPN) (1997)	time	4.02	4.97	5.97	6.89	7.83	8.77	9.75	10.73	10.73	/ 7			
reaction time	interval		0.95	1.00	0.92	0.94	0.94	0.98	0.98		# of strides	4.02	2.87	2.86
	velocity	7.46	10.53	10.00	10.87	10.64	10.64	10.20	10.20	9.32		7.46	10.45	10.49
Tamura, Naoya (JPN) (1998)	time	4.00	4.96	5.97	6.89	7.83	8.78	9.77	10.76	10.76	/ 8			
reaction time	interval		0.96	1.01	0.92	0.94	0.95	0.99	0.99		# of strides	4.00	2.89	2.88
	velocity	7.50	10.42	9.90	10.87	10.64	10.53	10.10	10.10	9.29		7.50	10.38	10.42

2015 Windsprint (Sundsvall, SWE)

A FINAL

date 26-Jul-15 wind 1.0 m/s *(2015) - www.windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tracey, Tyquendo (JAM) (1993)	time			3.98			6.68		8.47		10.31	10.31	5 / 1			
reaction time	interval						2.70		1.79		1.84		# of strides	3.98	2.70	
	velocity			7.54			11.11		11.17		10.87	9.70		7.54	11.11	
Brown, Kemarley (JAM) (1992)	time			3.99			6.70		8.51		10.43	10.43	4 / 2			
reaction time	interval						2.71		1.81		1.92		# of strides	3.99	2.71	
	velocity			7.52			11.07		11.05		10.42	9.59		7.52	11.07	
Rose, Odain (SWE) (1992)	time			3.97			6.73		8.55		10.46	10.46	8 / 3			
reaction time	interval						2.76		1.82		1.91		# of strides	3.97	2.76	
	velocity			7.56			10.87		10.99		10.47	9.56		7.56	10.87	
Bah, Sulayman (SWE) (1986)	time			3.98			6.74		8.57		10.51	10.51	3 / 4			
reaction time	interval						2.76		1.83		1.94		# of strides	3.98	2.76	
	velocity			7.54			10.87		10.93		10.31	9.51		7.54	10.87	
Kling-Baptiste, Tom (SWE) (1990)	time			4.00			6.78		8.63		10.52	10.52	2 / 5			
reaction time	interval						2.78		1.85		1.89		# of strides	4.00	2.78	
	velocity			7.50			10.79		10.81		10.58	9.51		7.50	10.79	
de Oliveira, Nil (SWE) (1986)	time			4.08			6.89		8.75		10.66	10.66	6 / 6			
reaction time	interval						2.81		1.86		1.91		# of strides	4.08	2.81	
	velocity			7.35			10.68		10.75		10.47	9.38		7.35	10.68	
Brorson, Alexander (SWE) (1990)	time			4.07			6.90		8.88		11.14	11.14	7 / 7			
reaction time	interval						2.83		1.98		2.26		# of strides	4.07	2.83	
	velocity			7.37			10.60		10.10		8.85	8.98		7.37	10.60	

B FINAL

date 26-Jul-15 wind 0.9 m/s *(2015) - www.windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Groth, Joel (SWE) (1991)	time			4.05			6.81		8.64		10.51	10.51	1 / 1			
reaction time	interval						2.76		1.83		1.87		# of strides	4.05	2.76	
	velocity			7.41			10.87		10.93		10.70	9.51		7.41	10.87	
Andersson, Partik (SWE) (1991)	time			4.05			6.82		8.67		10.56	10.56	4 / 2			
reaction time	interval						2.77		1.85		1.89		# of strides	4.05	2.77	
	velocity			7.41			10.83		10.81		10.58	9.47		7.41	10.83	
Armfeldt, Carl (SWE) (1984)	time			4.10			6.91		8.79		10.72	10.72	7 / 3			
reaction time	interval						2.81		1.88		1.93		# of strides	4.10	2.81	
	velocity			7.32			10.68		10.64		10.36	9.33		7.32	10.68	
Marthinussen, Christian (NOR) (1!	time			4.11			6.91		8.79		10.75	10.75	3 / 4			
reaction time	interval						2.80		1.88		1.96	PB	# of strides	4.11	2.80	
	velocity			7.30			10.71		10.64		10.20	9.30		7.30	10.71	
Brusenback, Christoffer (SWE) (1!	time			4.11			6.91		8.82		10.77	10.77	5 / 5			
reaction time	interval						2.80		1.91		1.95		# of strides	4.11	2.80	
	velocity			7.30			10.71		10.47		10.26	9.29		7.30	10.71	
Sennung, David (SWE) (1991)	time			4.06			6.92		8.84		10.78	10.78	6 / 6			
reaction time	interval						2.86		1.92		1.94		# of strides	4.06	2.86	
	velocity			7.39			10.49		10.42		10.31	9.28		7.39	10.49	
Buhagen, Kristoffer (NOR) (1992)	time			4.10			6.91		8.83		10.83	10.83	2 / 7			
reaction time	interval						2.81		1.92		2.00		# of strides	4.10	2.81	
	velocity			7.32			10.68		10.42		10.00	9.23		7.32	10.68	

C FINAL

date 26-Jul-15 wind 0.6 m/s *(2015) - www.windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zirignon, Jean Christian (SWE) (1	time			4.07			6.90		8.82		10.80	10.80	6 / 1			
reaction time	interval						2.83		1.92		1.98		# of strides	4.07	2.83	
	velocity			7.37			10.60		10.42		10.10	9.26		7.37	10.60	
Ojuri, Sunday (SWE) (1993)	time						6.98				10.80	10.80	4 / 2			
reaction time	interval										3.82		# of strides			
	velocity						8.60				10.47	9.26				
Storhaug, Lars Jøran (NOR) (1989	time						7.01				10.83	10.83	5 / 3			
reaction time	interval										3.82		# of strides			
	velocity						8.56				10.47	9.23				
Lysne, Torbørn (NOR) (1991)	time						7.06				10.87	10.87	5 / 4			
reaction time	interval										3.81		# of strides			
	velocity						8.50				10.50	9.20				
Rasmussen Osazuwa, Peter Efe (N	time						7.04				10.94	10.94	7 / 5			
reaction time	interval										3.90		# of strides			
	velocity						8.52				10.26	9.14				
Ewertzh, Jacob (SWE) (1995)	time						7.01				10.96	10.96	8 / 6			
reaction time	interval										3.95		# of strides			
	velocity						8.56				10.13	9.12				
Rosenberg, Michael (NOR) (1990)	time						6.94				10.99	10.99	2 / 7			
reaction time	interval										4.05		# of strides			
	velocity						8.65				9.88	9.10				

D FINAL

date 26-Jul-15 wind 0.9 m/s *(2015) - www.windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tjelta Larsen, Simen (NOR) (1994)	time			4.21			7.05		8.96		10.91	10.91	2 / 1			
reaction time	interval						2.84		1.91		1.95		# of strides	4.21	2.84	
	velocity			7.13			10.56		10.47		10.26	9.17		7.13	10.56	
Morken, Håkon (NOR) (1993)	time						7.14		9.08		10.99	10.99	6 / 2			
reaction time	interval								1.94		1.91		# of strides			
	velocity						8.40		10.31		10.47	9.10				
Touray, Ousman (NOR) (1995)	time						7.13		9.09		11.08	11.08	5 / 3			
reaction time	interval								1.96		1.99		# of strides			
	velocity						8.42		10.20		10.05	9.03				
Larsen, Tormod Hjortnäs (NOR) (	time						7.13		9.11		11.12	11.12	4 / 4			
reaction time	interval								1.98		2.01		# of strides			
	velocity						8.42		10.10		9.95	8.99				
Fossøy, Jostein Joshua (NOR) (19	time						7.09		9.08		11.12	11.12	3 / 5			
reaction time	interval								1.99		2.04		# of strides			
	velocity						8.46		10.05		9.80	8.99				
Kåstad, Martin (NOR) (1990)	time						7.33		9.33		11.31	11.31	8 / 6			
reaction time	interval								2.00		1.98		# of strides			
	velocity						8.19		10.00		10.10	8.84				
Meyerdierks, Eddy (SWE) (1995)	time						7.25		9.32		11.41	11.41	7 / 7			
reaction time	interval								2.07		2.09		# of strides			
	velocity						8.28		9.66		9.57	8.76				

E FINAL

date 26-Jul-15 wind 1.1 m/s *(2015) - www.windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lesser, Alexander (SWE) (1993)	time			4.14			7.01		8.93		10.86	10.86	4 / 1			
reaction time	interval						2.87		1.92		1.93	PB	# of strides	4.14	2.87	
	velocity			7.25			10.45		10.42		10.36	9.21		7.25	10.45	
Hellbrat, Douglas (SWE) (1995)	time			4.18			7.13		9.09		11.07	11.07	6 / 2			
reaction time	interval						2.95		1.96		1.98		# of strides	4.18	2.95	
	velocity			7.18			10.17		10.20		10.10	9.03		7.18	10.17	
Helsing, Yonathan (SWE) (1998)	time			4.20			7.21		9.19		11.22	11.22	2 / 3			
reaction time	interval						3.01		1.98		2.03		# of strides	4.20	3.01	
	velocity			7.14			9.97		10.10		9.85	8.91		7.14	9.97	
Dang, Joakim (NOR) (1990)	time			4.17			7.13		9.18		11.31	11.31	7 / 4			
reaction time	interval						2.96		2.05		2.13		# of strides	4.17	2.96	
	velocity			7.19			10.14		9.76		9.39	8.84		7.19	10.14	

Glide, Vebjörn (NOR) (1993)	time		4.22		7.28	9.33	11.41	11.41	8 / 5					
reaction time	interval				3.06	2.05	2.08		# of strides	4.22	3.06			
	velocity		7.11		9.80	9.76	9.62	8.76		7.11	9.80			
Obiora, Nzimirro (NOR) (1994)	time		4.25		7.49		11.85	11.85	3 / 6					
reaction time	interval				3.24		4.36		# of strides	4.25	3.24			
	velocity		7.06		9.26		9.17	8.44		7.06	9.26			

2015 Areva Diamond League Meeting (Saint-Denis, FRA)

FINAL

date 04-Jul-15 wind 1.3 m/s *Vazel (2015) - http://vazel.blog.lemonde.fr/2015/07/06/jimmy-vicaut-son-record-deurope-du-100-m-a-la-loupe/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Powell, Asafa (JAM) (1982)	time			3.81			6.37		8.07		9.81	9.81	4 / 1			
reaction time	interval						2.56		1.70		1.74		# of strides	3.81	2.56	
	velocity			7.87			11.72		11.76		11.49	10.19	44.2	7.87	11.72	
Vicaut, Jimmy (FRA) (1992)	time			3.87			6.44		8.13		9.86	9.86	3 / 2			
reaction time	interval						2.57		1.69		1.73	=AR	# of strides	3.87	2.57	
	velocity			7.75			11.67		11.83		11.56	10.14	45.2	7.75	11.67	

2015 Japanese National Multi-Event Championships (Nagano, JPN)

Decathlon - Heat ??

date 04-Jul-15 wind 0.3 m/s *Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.07	3.19	4.22	5.21	6.20	7.19	8.19	9.22	10.27	11.35	11.35	??			
reaction time	interval		1.12	1.03	0.99	0.99	0.99	1.00	1.03	1.05	1.08		# of strides	4.22	2.97	3.08
	velocity	4.83	8.93	9.71	10.10	10.10	10.10	10.00	9.71	9.52	9.26	8.81		7.11	10.10	9.74

Decathlon - Heat ??

date 04-Jul-15 wind 1.2 m/s *Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)	time	1.97	3.05	4.03	4.98	5.92	6.85	7.78	8.74	9.70	10.71	10.71	??			
reaction time	interval		1.08	0.98	0.95	0.94	0.93	0.93	0.96	0.96	1.01		# of strides	4.03	2.82	2.85
	velocity	5.08	9.26	10.20	10.53	10.64	10.75	10.75	10.42	10.42	9.90	9.34		7.44	10.64	10.53

2015 Japanese National Championships (Niigata, JPN)

FINAL

date 28-Jun-15 wind -0.9 m/s *Matsuo (2015) - 2015 men's & women's 100m race analysis*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Takase, Kei (JPN) (1988)	time	1.93	2.97	3.91	4.81	5.71	6.60	7.50	8.41	9.33	10.28	10.28	5 / 1			
reaction time 0.144	interval		1.04	0.94	0.90	0.90	0.89	0.90	0.91	0.92	0.95		# of strides	3.91	2.69	2.73
	velocity	5.18	9.62	10.64	11.11	11.11	11.24	11.11	10.99	10.87	10.53	9.73	48.0	7.67	11.15	10.99
Sani Brown, Abdul Hakim (JPN) (1	time	1.87	2.98	3.93	4.85	5.76	6.67	7.58	8.51	9.44	10.40	10.40	2 / 2			
reaction time 0.159	interval		1.11	0.95	0.92	0.91	0.91	0.91	0.93	0.93	0.96		# of strides	3.93	2.74	2.77
	velocity	5.35	9.01	10.53	10.87	10.99	10.99	10.99	10.75	10.75	10.42	9.62	44.0	7.63	10.95	10.83
Kawatsura, Sota (JPN) (1989)	time	1.89	2.96	3.92	4.85	5.76	6.68	7.59	8.51	9.44	10.40	10.40	3 / 3			
reaction time 0.149	interval		1.07	0.96	0.93	0.91	0.92	0.91	0.92	0.93	0.96		# of strides	3.92	2.76	2.76
	velocity	5.29	9.35	10.42	10.75	10.99	10.87	10.99	10.87	10.75	10.42	9.62	50.5	7.65	10.87	10.87

Heat 5

date 27-Jun-15 wind 0.7 m/s *Matsuo (2015) - 2015 men's & women's 100m race analysis*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Onabuta, Yu (JPN) (1994)	time	1.92	2.99	3.95	4.88	5.79	6.69	7.59	8.51	9.43	10.39	10.39	5 / 2			
reaction time 0.130	interval		1.07	0.96	0.93	0.91	0.90	0.90	0.92	0.92	0.96		# of strides	3.95	2.74	2.74
	velocity	5.21	9.35	10.42	10.75	10.99	11.11	11.11	10.87	10.87	10.42	9.62	51.0	7.59	10.95	10.95

Heat 4

date 27-Jun-15 wind 0.2 m/s *Matsuo (2015) - 2015 men's & women's 100m race analysis*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kotani, Yusuke (JPN) (1989)	time	1.89	2.94	3.89	4.80	5.71	6.61	7.51	8.43	9.36	10.31	10.31	2 / 1			
reaction time 0.126	interval		1.05	0.95	0.91	0.91	0.90	0.90	0.92	0.93	0.95		# of strides	3.89	2.72	2.75
	velocity	5.29	9.52	10.53	10.99	10.99	11.11	11.11	10.87	10.75	10.53	9.70	50.0	7.71	11.03	10.91
Kawatsura, Sota (JPN) (1989)	time	1.91	2.97	3.92	4.84	5.75	6.65	7.57	8.49	9.43	10.39	10.39	6 / 3			
reaction time 0.152	interval		1.06	0.95	0.92	0.91	0.90	0.92	0.92	0.94	0.96		# of strides	3.92	2.73	2.78
	velocity	5.24	9.43	10.53	10.87	10.99	11.11	10.87	10.87	10.64	10.42	9.62	50.2	7.65	10.99	10.79

Heat 3

date 27-Jun-15 wind 0.2 m/s *Matsuo (2015) - 2015 men's & women's 100m race analysis*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tsukahara, Noaki (JPN) (1985)	time	1.91	2.97	3.93	4.84	5.74	6.64	7.55	8.47	9.40	10.35	10.35	3 / 1			
reaction time 0.155	interval		1.06	0.96	0.91	0.90	0.90	0.91	0.92	0.93	0.95		# of strides	3.93	2.71	2.76
	velocity	5.24	9.43	10.42	10.99	11.11	11.11	10.99	10.87	10.75	10.53	9.66	47.0	7.63	11.07	10.87
Cambridge, Aska (JPN) (1993)	time	1.95	3.00	3.95	4.86	5.76	6.66	7.56	8.48	9.40	10.37	10.37	5 / 2			
reaction time 0.160	interval		1.05	0.95	0.91	0.90	0.90	0.90	0.92	0.92	0.97		# of strides	3.95	2.71	2.74
	velocity	5.13	9.52	10.53	10.99	11.11	11.11	11.11	10.87	10.87	10.31	9.64	46.2	7.59	11.07	10.95

Heat 1

date 27-Jun-15 wind -0.7 m/s *Matsuo (2015) - 2015 men's & women's 100m race analysis*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Takase, Kei (JPN) (1988)		time	1.96	3.01	3.96	4.88	5.78	6.68	7.60	8.51	9.44	10.40	10.40	5 / 1			
reaction time	0.143	interval		1.05	0.95	0.92	0.90	0.90	0.92	0.91	0.93	0.96		# of strides	3.96	2.72	2.76
		velocity	5.10	9.52	10.53	10.87	11.11	11.11	10.87	10.99	10.75	10.42	9.62	46.7	7.58	11.03	10.87

2015 Seiko Golden Grand Prix (Kawasaki, JPN)

FINAL

date 10-May-15 wind -0.1 m/s

Matsuo (2015) - 2015 men's & women's 100m race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Koffi, Wilfried (CIV) (1987)	time	1.98	3.01	3.94	4.83	5.70	6.56	7.43	8.31	9.20	10.09	10.09	3 / 1			
reaction time	interval		1.03	0.93	0.89	0.87	0.86	0.87	0.88	0.89	0.89		# of strides	3.94	2.62	2.64
	velocity	5.05	9.71	10.75	11.24	11.49	11.63	11.49	11.36	11.24	11.24	9.91	44.5	7.61	11.45	11.36
Takase, Kei (JPN) (1988)	time	1.89	2.93	3.87	4.76	5.62	6.50	7.38	8.27	9.17	10.09	10.09	6 / 2			
reaction time	interval		1.04	0.94	0.89	0.86	0.88	0.88	0.89	0.90	0.92	PB	# of strides	3.87	2.63	2.67
	velocity	5.29	9.62	10.64	11.24	11.63	11.36	11.36	11.24	11.11	10.87	9.91	48.0	7.75	11.41	11.24
Su Bingtian (CHN) (1989)	time	1.89	2.92	3.85	4.74	5.62	6.50	7.39	8.29	9.19	10.10	10.10	5 / 3			
reaction time	interval		1.03	0.93	0.89	0.88	0.88	0.89	0.90	0.90	0.91		# of strides	3.85	2.65	2.69
	velocity	5.29	9.71	10.75	11.24	11.36	11.36	11.24	11.11	11.11	10.99	9.90	48.7	7.79	11.32	11.15
Adams, Harry (USA) (1989)	time	1.92	2.98	3.92	4.82	5.71	6.59	7.48	8.37	9.28	10.22	10.22	4 / 4			
reaction time	interval		1.06	0.94	0.90	0.89	0.88	0.89	0.89	0.91	0.94		# of strides	3.92	2.67	2.69
	velocity	5.21	9.43	10.64	11.11	11.24	11.36	11.24	11.24	10.99	10.64	9.78	46.0	7.65	11.24	11.15
Zhang Peiming (CHN) (1987)	time	1.93	2.99	3.93	4.84	5.73	6.62	7.50	8.40	9.31	10.24	10.24	7 / 5			
reaction time	interval		1.06	0.94	0.91	0.89	0.89	0.88	0.90	0.91	0.93		# of strides	3.93	2.69	2.69
	velocity	5.18	9.43	10.64	10.99	11.24	11.24	11.36	11.11	10.99	10.75	9.77	46.7	7.63	11.15	11.15

2015 Wakayama Grand Prix (Wakayama, JPN)

Decathlon - Heat 2

date 25-Apr-15 wind 1.7 m/s

Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.03	3.15	4.18	5.17	6.15	7.12	8.11	9.11	10.13	11.18	11.18	6 / 4			
reaction time	interval		1.12	1.03	0.99	0.98	0.97	0.99	1.00	1.02	1.05		# of strides	4.18	2.94	3.01
	velocity	4.93	8.93	9.71	10.10	10.20	10.31	10.10	10.00	9.80	9.52	8.94		7.18	10.20	9.97

Decathlon - Heat 1

date 25-Apr-15 wind 2.4 m/s

Toshiyuki (2016) - 100m race analysis of decathletes - 2009-2016

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)	time	1.93	3.00	3.97	4.91	5.83	6.75	7.67	8.60	9.54	10.52	10.52	4 / 1			
reaction time	interval		1.07	0.97	0.94	0.92	0.92	0.92	0.93	0.94	0.98		# of strides	3.97	2.78	2.79
	velocity	5.18	9.35	10.31	10.64	10.87	10.87	10.87	10.75	10.64	10.20	9.51		7.56	10.79	10.75

2015 Mikio Oda Memorial (Hiroshima, JPN)

FINAL

date 19-Apr-15 wind -0.2 m/s

Matsuo (2015) - 2015 men's & women's 100m race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cambridge, Aska (JPN) (1993)	time	1.95	3.02	3.98	4.90	5.79	6.69	7.59	8.51	9.43	10.37	10.37	4 / 1			
reaction time	interval		1.07	0.96	0.92	0.89	0.90	0.90	0.92	0.92	0.94		# of strides	3.98	2.71	2.74
	velocity	5.13	9.35	10.42	10.87	11.24	11.11	11.11	10.87	10.87	10.64	9.64	47.2	7.54	11.07	10.95
Kiryu, Yoshihide (JPN) (1995)	time	1.92	2.97	3.93	4.85	5.76	6.66	7.57	8.49	9.43	10.40	10.40	3 / =2			
reaction time	interval		1.05	0.96	0.92	0.91	0.90	0.91	0.92	0.94	0.97		# of strides	3.93	2.73	2.77
	velocity	5.21	9.52	10.42	10.87	10.99	11.11	10.99	10.87	10.64	10.31	9.62	48.5	7.63	10.99	10.83
Tsukahara, Noaki (JPN) (1985)	time	1.90	2.97	3.93	4.86	5.77	6.68	7.60	8.52	9.46	10.40	10.40	5 / =2			
reaction time	interval		1.07	0.96	0.93	0.91	0.91	0.92	0.92	0.94	0.94		# of strides	3.93	2.75	2.78
	velocity	5.26	9.35	10.42	10.75	10.99	10.99	10.87	10.87	10.64	10.64	9.62	48.0	7.63	10.91	10.79

Heat 3

date 19-Apr-15 wind 0.5 m/s

Matsuo (2015) - 2015 men's & women's 100m race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cambridge, Aska (JPN) (1993)	time	1.96	3.02	3.98	4.90	5.79	6.68	7.57	8.47	9.39	10.33	10.33	5 / 1			
reaction time	interval		1.06	0.96	0.92	0.89	0.89	0.89	0.90	0.92	0.94		# of strides	3.98	2.70	2.71
	velocity	5.10	9.43	10.42	10.87	11.24	11.24	11.24	11.11	10.87	10.64	9.68	46.5	7.54	11.11	11.07
Tsukahara, Noaki (JPN) (1985)	time	1.91	2.97	3.95	4.88	5.79	6.70	7.60	8.51	9.43	10.37	10.37	3 / 2			
reaction time	interval		1.06	0.98	0.93	0.91	0.91	0.90	0.91	0.92	0.94		# of strides	3.95	2.75	2.73
	velocity	5.24	9.43	10.20	10.75	10.99	10.99	11.11	10.99	10.87	10.64	9.64	48.2	7.59	10.91	10.99

Heat 1

date 19-Apr-15 wind -0.1 m/s

Matsuo (2015) - 2015 men's & women's 100m race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)	time	1.91	2.97	3.93	4.85	5.76	6.66	7.56	8.48	9.40	10.36	10.36	5 / 1			
reaction time	interval		1.06	0.96	0.92	0.91	0.90	0.90	0.92	0.92	0.96		# of strides	3.93	2.73	2.74
	velocity	5.24	9.43	10.42	10.87	10.99	11.11	11.11	10.87	10.87	10.42	9.65	47.7	7.63	10.99	10.95

2015 Texas Relays (Austin, TX)

FINAL

date 28-Mar-15 wind 3.3 m/s

tfdata-store.com/2017/03/29/post-73/

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)	time			3.88			6.45			8.99	9.87	9.87	4 / 1			

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

reaction time	interval				2.57		2.54	9.87		# of strides	3.88	2.57	2.54		
	velocity		7.73		11.67		11.81	2.03	10.13	46.9	7.73	11.67	11.81		

2014 Asian Games (Incheon, KOR)

Decathlon - Heat 2

date 29-Sep-14 wind 1.7 m/s

Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)	time	1.96	3.05	4.03	4.97	5.91	6.83	7.77	8.72	9.68	10.66	10.66	/ 1			
reaction time	interval		1.09	0.98	0.94	0.94	0.92	0.94	0.95	0.96	0.98	PB	# of strides	4.03	2.80	2.85
	velocity	5.10	9.17	10.20	10.64	10.64	10.87	10.64	10.53	10.42	10.20	9.38		7.44	10.71	10.53

Decathlon - Heat 1

date 29-Sep-14 wind 2.1 m/s

Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.03	3.14	4.15	5.13	6.10	7.07	8.04	9.03	10.04	11.10	11.10	/ 5			
reaction time	interval		1.11	1.01	0.98	0.97	0.97	0.97	0.99	1.01	1.06		# of strides	4.15	2.92	2.97
	velocity	4.93	9.01	9.90	10.20	10.31	10.31	10.31	10.10	9.90	9.43	9.01		7.23	10.27	10.10

2014 Japanese National High School Championships (Kofu, JPN)

FINAL

date 31-Jul-14 wind -2.0 m/s

Yanagiya (2014) - research on athlete performance and technique- 2014 data book

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Oshima, Kenta (JPN) (1997)	time	1.92	3.01	4.00	4.95	5.89	6.82	7.75	8.70	9.66	10.37	10.64	/ 1			
reaction time	interval		1.09	0.99	0.95	0.94	0.93	0.93	0.95	0.96	0.71		# of strides	4.00	2.82	2.84
	velocity	5.21	9.17	10.10	10.53	10.64	10.75	10.75	10.53	10.42	14.08	9.40		7.50	10.64	10.56
Takiuchi, Makoto (JPN) (1996)	time	1.92	2.99	3.96	4.91	5.85	6.79	7.73	8.69	9.68	10.68	10.68	/ 2			
reaction time	interval		1.07	0.97	0.95	0.94	0.94	0.94	0.96	0.99	1.00		# of strides	3.96	2.83	2.89
	velocity	5.21	9.35	10.31	10.53	10.64	10.64	10.64	10.42	10.10	10.00	9.36		7.58	10.60	10.38
Kondo, Hikaru (JPN) (1996)	time	1.93	2.99	3.98	4.93	5.87	6.81	7.76	8.73	9.71	10.71	10.71	/ 3			
reaction time	interval		1.06	0.99	0.95	0.94	0.94	0.95	0.97	0.98	1.00		# of strides	3.98	2.83	2.90
	velocity	5.18	9.43	10.10	10.53	10.64	10.64	10.53	10.31	10.20	10.00	9.34		7.54	10.60	10.34
Ono, Akiyoshi (JPN) (1996)	time	1.98	3.06	4.06	5.01	5.95	6.89	7.83	8.79	9.76	10.75	10.75	/ 4			
reaction time	interval		1.08	1.00	0.95	0.94	0.94	0.94	0.96	0.97	0.99		# of strides	4.06	2.83	2.87
	velocity	5.05	9.26	10.00	10.53	10.64	10.64	10.64	10.42	10.31	10.10	9.30		7.39	10.60	10.45

2014 Windsprint (Sundsvall, SWE)

A FINAL

date 20-Jul-14 wind 1.5 m/s

(2014) - www.ssg.se/windsprint/Splittider/

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Brown, Kemarley (JAM) (1992)	time			3.90			6.53		8.29		10.09	10.09	4 / 1			
reaction time	interval						2.63		1.76		1.80		# of strides	3.90	2.63	
	velocity			7.69			11.41		11.36		11.11	9.91		7.69	11.41	
Saidy Ndure, Jaysuma (NOR) (199	time			3.91			6.58		8.34		10.17	10.17	6 / ~~2~~ fs			
reaction time	interval						2.67		1.76		1.83	DQ	# of strides	3.91	2.67	
	velocity			7.67			11.24		11.36		10.93	9.83		7.67	11.24	
Forte, Julian (JAM) (1993)	time			3.96			6.65		8.40		10.19	10.19	3 / ~~3~~ 2			
reaction time	interval						2.69		1.75		1.79		# of strides	3.96	2.69	
	velocity			7.58			11.15		11.43		11.17	9.81		7.58	11.15	
Scott, Evan (USA) (1988)	time			3.93			6.65		8.46		10.32	10.32	2 / ~~4~~ 3			
reaction time	interval						2.72		1.81		1.86		# of strides	3.93	2.72	
	velocity			7.63			11.03		11.05		10.75	9.69		7.63	11.03	
Fisher, Andrew (JAM) (1991)	time			3.90			6.58		8.40		10.32	10.32	5 / ~~5~~ 4			
reaction time	interval						2.68		1.82		1.92		# of strides	3.90	2.68	
	velocity			7.69			11.19		10.99		10.42	9.69		7.69	11.19	
Kling-Baptiste, Tom (SWE) (1990)	time			3.97			6.71		8.55		10.42	10.42	7 / ~~6~~ 5			
reaction time	interval						2.74		1.84		1.87		# of strides	3.97	2.74	
	velocity			7.56			10.95		10.87		10.70	9.60		7.56	10.95	
Bah, Sulayman (GAM) (1986)	time			4.06			6.81		8.62		10.48	10.48	8 / ~~7~~ 6			
reaction time	interval						2.75		1.81		1.86	PB	# of strides	4.06	2.75	
	velocity			7.39			10.91		11.05		10.75	9.54		7.39	10.91	
Darkwah, Tony (SWE) (1986)	time			4.07			6.83		8.66		10.55	10.55	1 / ~~8~~ 7			
reaction time	interval						2.76		1.83		1.89		# of strides	4.07	2.76	
	velocity			7.37			10.87		10.93		10.58	9.48		7.37	10.87	

B FINAL

date 20-Jul-14 wind 0.3 m/s

(2014) - www.ssg.se/windsprint/Splittider/

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Andersson, Patrik (SWE) (1991)	time			4.05			6.81		8.67		10.56	10.56	5 / 1			
reaction time	interval						2.76		1.86		1.89		# of strides	4.05	2.76	
	velocity			7.41			10.87		10.75		10.58	9.47		7.41	10.87	

de Oliveira, Nil (SWE) (1986)	time	4.05		6.83	8.70	10.60	10.60	6 / 2			
reaction time	interval			2.78	1.87	1.90		# of strides	4.05	2.78	
	velocity	7.41		10.79	10.70	10.53	9.43		7.41	10.79	
Tärnhuvud, Stefan (SWE) (1985)	time	4.04		6.84	8.73	10.66	10.66	4 / 3			
reaction time	interval			2.80	1.89	1.93		# of strides	4.04	2.80	
	velocity	7.43		10.71	10.58	10.36	9.38		7.43	10.71	
Buhagen, Kristoffer (SWE) (1992)	time	4.06		6.88	8.77	10.69	10.69	3 / 4			
reaction time	interval			2.82	1.89	1.92		# of strides	4.06	2.82	
	velocity	7.39		10.64	10.58	10.42	9.35		7.39	10.64	
Idås, Anders Erlend (NOR) (1990)	time	4.08		6.91	8.80	10.72	10.72	2 / 5			
reaction time	interval			2.83	1.89	1.92		# of strides	4.08	2.83	
	velocity	7.35		10.60	10.58	10.42	9.33		7.35	10.60	
Sennung, David (SWE) (1991)	time	4.08		6.92	8.83	10.78	10.78	7 / 6			
reaction time	interval			2.84	1.91	1.95		# of strides	4.08	2.84	
	velocity	7.35		10.56	10.47	10.26	9.28		7.35	10.56	

C FINAL

date 20-Jul-14 wind 1.5 m/s *(2014) - www.ssg.se/windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hagberg, Erik (SWE) (1995)	time			4.04			6.81		8.67		10.59	10.59	2 / 1			
reaction time	interval						2.77		1.86		1.92		# of strides	4.04	2.77	
	velocity			7.43			10.83		10.75		10.42	9.44		7.43	10.83	
Armfelt, Carl (SWE) (1984)	time			4.10			6.89		8.75		10.65	10.65	5 / 2			
reaction time	interval						2.79		1.86		1.90	PB	# of strides	4.10	2.79	
	velocity			7.32			10.75		10.75		10.53	9.39		7.32	10.75	
Lilja, Johan (SWE) (1995)	time			4.12			6.92		8.78		10.68	10.68	6 / 3			
reaction time	interval						2.80		1.86		1.90	PB	# of strides	4.12	2.80	
	velocity			7.28			10.71		10.75		10.53	9.36		7.28	10.71	
von Barth, Emil (SWE) (1996)	time			4.07			6.91		8.79		10.76	10.76	4 / 4			
reaction time	interval						2.84		1.88		1.97		# of strides	4.07	2.84	
	velocity			7.37			10.56		10.64		10.15	9.29		7.37	10.56	
Zirignon, Jean Christian (SWE) (1!	time			4.09			6.95		8.87		10.85	10.85	7 / 5			
reaction time	interval						2.86		1.92		1.98	PB	# of strides	4.09	2.86	
	velocity			7.33			10.49		10.42		10.10	9.22		7.33	10.49	
Fossøy, Jostein Joshua (NOR) (19	time			4.05			6.94		8.87		10.86	10.86	1 / 6			
reaction time	interval						2.89		1.93		1.99		# of strides	4.05	2.89	
	velocity			7.41			10.38		10.36		10.05	9.21		7.41	10.38	

D FINAL

date 20-Jul-14 wind 3.1 m/s *(2014) - www.ssg.se/windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nordkvist, Robin (SWE) (1993)	time			4.09			6.88		8.73		10.68	10.68	4 / 1			
reaction time	interval						2.79		1.85		1.95		# of strides	4.09	2.79	
	velocity			7.33			10.75		10.81		10.26	9.36		7.33	10.75	
Storhaug, Lars Jøran (NOR) (1989	time			4.16			6.97		8.80		10.73	10.73	8 / 2			
reaction time	interval						2.81		1.83		1.93		# of strides	4.16	2.81	
	velocity			7.21			10.68		10.93		10.36	9.32		7.21	10.68	
Kjell, Gustaf (SWE) (1996)	time			4.11			6.94		8.81		10.74	10.74	3 / 3			
reaction time	interval						2.83		1.87		1.93		# of strides	4.11	2.83	
	velocity			7.30			10.60		10.70		10.36	9.31		7.30	10.60	
Engwall, Andreas (SWE) (1992)	time			4.09			6.96		8.83		10.78	10.78	5 / 4			
reaction time	interval						2.87		1.87		1.95		# of strides	4.09	2.87	
	velocity			7.33			10.45		10.70		10.26	9.28		7.33	10.45	
Grønnhaug, Jonas Andree (NOR)	time			4.09			6.97		8.86		10.83	10.83	2 / 5			
reaction time	interval						2.88		1.89		1.97		# of strides	4.09	2.88	
	velocity			7.33			10.42		10.58		10.15	9.23		7.33	10.42	
Helsing, Yonathan (SWE) (1998)	time			4.19			7.05		8.90		10.84	10.84	7 / 6			
reaction time	interval						2.86		1.85		1.94		# of strides	4.19	2.86	
	velocity			7.16			10.49		10.81		10.31	9.23		7.16	10.49	
Dang, Joakim (NOR) (1990)	time			4.08			6.95		8.86		10.89	10.89	1 / 7			
reaction time 0.167	interval						2.87		1.91		2.03		# of strides	4.08	2.87	
	velocity			7.35			10.45		10.47		9.85	9.18		7.35	10.45	

E FINAL

date 20-Jul-14 wind 2.1 m/s *(2014) - www.ssg.se/windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nyvold, Lid Sondre (NOR) (1994)	time			4.16			7.00		8.88		10.81	10.81	4 / 1			
reaction time	interval						2.84		1.88		1.93		# of strides	4.16	2.84	
	velocity			7.21			10.56		10.64		10.36	9.25		7.21	10.56	
Thorshaug, Erik (SWE) (1987)	time			4.17			7.06		8.94		10.88	10.88	5 / 2			
reaction time	interval						2.89		1.88		1.94		# of strides	4.17	2.89	
	velocity			7.19			10.38		10.64		10.31	9.19		7.19	10.38	
Allison, Tarley (LBR) (1997)	time			4.12			7.01		8.93		10.91	10.91	3 / 3			
reaction time	interval						2.89		1.92		1.98		# of strides	4.12	2.89	
	velocity			7.28			10.38		10.42		10.10	9.17		7.28	10.38	
Van den Hend, Mulamba (BEL) (19	time			4.22			7.08		8.98		10.95	10.95	6 / 4			
reaction time	interval						2.86		1.90		1.97		# of strides	4.22	2.86	
	velocity			7.11			10.49		10.53		10.15	9.13		7.11	10.49	
Johnsen, Henrik (NOR) (1986)	time			4.14			7.05		8.98		10.96	10.96	2 / 5			
reaction time	interval						2.91		1.93		1.98		# of strides	4.14	2.91	
	velocity			7.25			10.31		10.36		10.10	9.12		7.25	10.31	
Kiplesund, Ingar (SWE) (1996)	time			4.24			7.15		9.06		11.04	11.04	8 / 6			
reaction time	interval						2.91		1.91		1.98		# of strides	4.24	2.91	
	velocity			7.08			10.31		10.47		10.10	9.06		7.08	10.31	
Nyberg, Erik (SWE) (1996)	time			4.21			7.10		9.05		11.13	11.13	7 / 7			
reaction time	interval						2.89		1.95		2.08		# of strides	4.21	2.89	
	velocity			7.13			10.38		10.26		9.62	8.98		7.13	10.38	
Axelson, Truls (SWE) (1993)	time			4.25			7.20		9.16		11.15	11.15	1 / 8			
reaction time	interval						2.95		1.96		1.99		# of strides	4.25	2.95	
	velocity			7.06			10.17		10.20		10.05	8.97		7.06	10.17	

F FINAL

date 20-Jul-14 wind 1.5 m/s *(2014) - www.ssg.se/windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sundvall, Hjalmar (SWE) (1994)	time			4.18			7.12				11.11	11.11	5 / 1			
reaction time	interval						2.94				3.99	PB	# of strides	4.18	2.94	
	velocity			7.18			10.20				10.03	9.00		7.18	10.20	
Lesser, Alexander (SWE) (1993)	time			4.25			7.22				11.21	11.21	3 / 2			
reaction time	interval						2.97				3.99		# of strides	4.25	2.97	
	velocity			7.06			10.10				10.03	8.92		7.06	10.10	
Gerlach, Mikael (SWE) (1984)	time			4.33			7.33				11.30	11.30	6 / 3			
reaction time	interval						3.00				3.97		# of strides	4.33	3.00	
	velocity			6.93			10.00				10.08	8.85		6.93	10.00	
Wall, Fredrik (SWE) (1997)	time			4.32			7.29				11.36	11.36	7 / 4			
reaction time	interval						2.97				4.07	PB	# of strides	4.32	2.97	
	velocity			6.94			10.10				9.83	8.80		6.94	10.10	
Rask, Jesper (SWE) (1997)	time			4.23			7.24				11.37	11.37	1 / 5			
reaction time	interval						3.01				4.13	PB	# of strides	4.23	3.01	
	velocity			7.09			9.97				9.69	8.80		7.09	9.97	

G FINAL

date 20-Jul-14 wind 1.6 m/s *(2014) - www.ssg.se/windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Östli, Philip (NOR) (1990)	time			4.29			7.37		9.44		11.60	11.60	4 / 1			
reaction time	interval						3.08		2.07		2.16		# of strides	4.29	3.08	
	velocity			6.99			9.74		9.66		9.26	8.62		6.99	9.74	
Jonsson, Per (SWE) (1988)	time			4.37			7.44		9.51		11.63	11.63	6 / 2			
reaction time	interval						3.07		2.07		2.12		# of strides	4.37	3.07	
	velocity			6.86			9.77		9.66		9.43	8.60		6.86	9.77	
Paulsson Bixo, Jonathan (SWE) (1	time			4.39			7.48		9.55		11.66	11.66	5 / 3			
reaction time	interval						3.09		2.07		2.11		# of strides	4.39	3.09	
	velocity			6.83			9.71		9.66		9.48	8.58		6.83	9.71	
Sundqvist, Johan (SWE) (1997)	time			4.47			7.62		9.76		11.95	11.95	2 / 4			
reaction time	interval						3.15		2.14		2.19		# of strides	4.47	3.15	
	velocity			6.71			9.52		9.35		9.13	8.37		6.71	9.52	
Mártensson, Oskar (SWE) (1997)	time			4.56			7.81		9.98		12.21	12.21	7 / 5			
reaction time	interval						3.25		2.17		2.23		# of strides	4.56	3.25	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

		velocity		6.58		9.23		9.22		8.97	8.19			6.58	9.23
Tömmervik, Sindre (NOR) (1997)		time		4.60		7.84		10.01		12.25	12.25	8 / 6			
	reaction time	interval				3.24		2.17		2.24		# of strides		4.60	3.24
		velocity		6.52		9.26		9.22		8.93	8.16			6.52	9.26

2014 Czech Republic National U20 Championships (Trinec, CZE)

FINAL

date 28-Jun-14 wind -3.4 m/s

Feher (2014) - Final report from the U18 & U20 Czech Republic national championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Netymach, Vojtech (CZE) (1995)		time	1.94	3.01	4.03	5.00	5.96	6.94	7.91	8.91	9.92	10.99	10.99	2 / 1			
	reaction time 0.159	interval		1.07	1.02	0.97	0.96	0.98	0.97	1.00	1.01	1.07		# of strides	4.03	2.91	2.98
		velocity	5.15	9.35	9.80	10.31	10.42	10.20	10.31	10.00	9.90	9.35	9.10		7.44	10.31	10.07
Rezníček, Jakub (CZE) (1995)		time	2.00	3.13	4.18	5.15	6.10	7.08	8.03	9.01	9.99	11.03	11.03	6 / 2			
	reaction time 0.158	interval		1.13	1.05	0.97	0.95	0.98	0.95	0.98	0.98	1.04		# of strides	4.18	2.90	2.91
		velocity	5.00	8.85	9.52	10.31	10.53	10.20	10.53	10.20	10.20	9.62	9.07		7.18	10.34	10.31
Svoboda, Vojtech (CZE) (1995)		time	1.97	3.08	4.13	5.11	6.08	7.05	8.03	9.03	10.02	11.07	11.07	4 / 3			
	reaction time 0.119	interval		1.11	1.05	0.98	0.97	0.97	0.98	1.00	0.99	1.05		# of strides	4.13	2.92	2.97
		velocity	5.08	9.01	9.52	10.20	10.31	10.31	10.20	10.00	10.10	9.52	9.03		7.26	10.27	10.10
Kolarčik, Vojtech (CZE) (1995)		time	1.98	3.08	4.13	5.11	6.08	7.06	8.05	9.08	10.09	11.18	11.18	3 / 4			
	reaction time 0.152	interval		1.10	1.05	0.98	0.97	0.98	0.99	1.03	1.01	1.09		# of strides	4.13	2.93	3.03
		velocity	5.05	9.09	9.52	10.20	10.31	10.20	10.10	9.71	9.90	9.17	8.94		7.26	10.24	9.90
Gvušč, Jirí (CZE) (1995)		time	2.00	3.12	4.17	5.18	6.15	7.14	8.12	9.13	10.14	11.18	11.18	7 / 5			
	reaction time 0.162	interval		1.12	1.05	1.01	0.97	0.99	0.98	1.01	1.01	1.04		# of strides	4.17	2.97	3.00
		velocity	5.00	8.93	9.52	9.90	10.31	10.10	10.20	9.90	9.90	9.62	8.94		7.19	10.10	10.00
Bárta, Tomáš (CZE) (1995)		time	2.03	3.13	4.18	5.16	6.12	7.11	8.09	9.10	10.12	11.24	11.24	5 / 6			
	reaction time 0.153	interval		1.10	1.05	0.98	0.96	0.99	0.98	1.01	1.02	1.12		# of strides	4.18	2.93	3.01
		velocity	4.93	9.09	9.52	10.20	10.42	10.10	10.20	9.90	9.80	8.93	8.90		7.18	10.24	9.97
Zálesky, Dominik (CZE) (1995)		time	2.04	3.15	4.22	5.25	6.28	7.30	8.33	9.37	10.40	11.47	11.47	1 / 7			
	reaction time 0.160	interval		1.11	1.07	1.03	1.03	1.02	1.03	1.04	1.03	1.07		# of strides	4.22	3.08	3.10
		velocity	4.90	9.01	9.35	9.71	9.71	9.80	9.71	9.62	9.71	9.35	8.72		7.11	9.74	9.68
Ledvina, Jakub (CZE) (1995)		time	2.13	3.26	4.33	5.35	6.35	7.35	8.35	9.40	10.45	11.53	11.53	8 / 8			
	reaction time 0.246	interval		1.13	1.07	1.02	1.00	1.00	1.00	1.05	1.05	1.08		# of strides	4.33	3.02	3.10
		velocity	4.69	8.85	9.35	9.80	10.00	10.00	10.00	9.52	9.52	9.26	8.67		6.93	9.93	9.68

Heat 3

date 28-Jun-14 wind -2.5 m/s

Feher (2014) - Final report from the U18 & U20 Czech Republic national championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bárta, Tomáš (CZE) (1995)		time		3.20		5.19		7.11		9.08		11.13	11.13	6 / 1			
	reaction time 0.189	interval				1.99		1.92		1.97		2.05		# of strides			
		velocity		6.25		10.05		10.42		10.15		9.76	8.98				
Netymach, Vojtech (CZE) (1995)		time		3.13		5.09		7.01		9.00		11.17	11.17	3 / 2			
	reaction time 0.123	interval				1.96		1.92		1.99		2.17		# of strides			
		velocity		6.39		10.20		10.42		10.05		9.22	8.95				
Burlák, Jakub (CZE) (1996)		time		3.23		5.28		7.28		9.31		11.41	11.41	5 / 3			
	reaction time 0.214	interval				2.05		2.00		2.03		2.10		# of strides			
		velocity		6.19		9.76		10.00		9.85		9.52	8.76				
Vesely, Martin (CZE) (1995)		time		3.17		5.23		7.23		9.30		11.48	11.48	2 / 4			
	reaction time 0.146	interval				2.06		2.00		2.07		2.18		# of strides			
		velocity		6.31		9.71		10.00		9.66		9.17	8.71				
Bernátek, David (CZE) (1995)		time		3.37		5.50		7.56		9.64		11.75	11.75	4 / 5			
	reaction time 0.195	interval				2.13		2.06		2.08		2.11		# of strides			
		velocity		5.93		9.39		9.71		9.62		9.48	8.51				
Stejskal, Jan (CZE) (1995)		time		3.32		5.44		7.52		9.66		11.84	11.84	1 / 6			
	reaction time 0.194	interval				2.12		2.08		2.14		2.18		# of strides			
		velocity		6.02		9.43		9.62		9.35		9.17	8.45				
Končicky, Tomáš (CZE) (1996)		time		3.34		5.46		7.53		9.63		12.13	12.13	7 / 7			
	reaction time 0.183	interval				2.12		2.07		2.10		2.50		# of strides			
		velocity		5.99		9.43		9.66		9.52		8.00	8.24				

Heat 2

date 28-Jun-14 wind -1.7 m/s

Feher (2014) - Final report from the U18 & U20 Czech Republic national championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Svoboda, Vojtech (CZE) (1995)		time		3.23		5.24		7.19		9.15		11.12	11.12	4 / 1			
	reaction time 0.183	interval				2.01		1.95		1.96		1.97		# of strides			
		velocity		6.19		9.95		10.26		10.20		10.15	8.99				

Kolarčik, Vojtech (CZE) (1995)	time	3.15	5.15	7.12	9.11	11.13	11.13	3 / 2		
reaction time 0.153	interval		2.00	1.97	1.99	2.02		# of strides		
	velocity	6.35	10.00	10.15	10.05	9.90	8.98			
Gvušč, Jirí (CZE) (1995)	time	3.17	5.21	7.20	9.19	11.18	11.18	1 / 3		
reaction time 0.150	interval		2.04	1.99	1.99	1.99		# of strides		
	velocity	6.31	9.80	10.05	10.05	10.05	8.94			
Zálesky, Dominik (CZE) (1995)	time	3.15	5.21	7.24	9.30	11.36	11.36	2 / 4		
reaction time 0.154	interval		2.06	2.03	2.06	2.06		# of strides		
	velocity	6.35	9.71	9.85	9.71	9.71	8.80			
Fau, Štepán (CZE) (1995)	time	3.32	5.43	7.46	9.49	11.52	11.52	6 / 5		
reaction time 0.219	interval		2.11	2.03	2.03	2.03		# of strides		
	velocity	6.02	9.48	9.85	9.85	9.85	8.68			
Klíma, Jakub (CZE) (1995)	time	3.37	5.52	7.58	9.62	11.67	11.67	5 / 6		
reaction time 0.174	interval		2.15	2.06	2.04	2.05		# of strides		
	velocity	5.93	9.30	9.71	9.80	9.76	8.57			
Kuklík, Jan (CZE) (1996)	time	3.35	5.48	7.53	9.58	11.69	11.69	7 / 7		
reaction time 0.155	interval		2.13	2.05	2.05	2.11		# of strides		
	velocity	5.97	9.39	9.76	9.76	9.48	8.55			

Heat 1

date 28-Jun-14 wind -3.6 m/s

Feher (2014) - Final report from the U18 & U20 Czech Republic national championships

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Rezníček, Jakub (CZE) (1995)	time		3.18		5.25		7.21		9.18		11.24	11.24	6 / 1			
reaction time 0.137	interval				2.07		1.96		1.97		2.06		# of strides			
	velocity		6.29		9.66		10.20		10.15		9.71	8.90				
Ledvina, Jakub (CZE) (1995)	time		3.20		5.28		7.30		9.33		11.46	11.46	7 / 2			
reaction time 0.167	interval				2.08		2.02		2.03		2.13		# of strides			
	velocity		6.25		9.62		9.90		9.85		9.39	8.73				
Žouželka, Jaroslav (CZE) (1995)	time		3.26		5.38		7.47		9.57		11.72	11.72	8 / 3			
reaction time 0.215	interval				2.12		2.09		2.10		2.15		# of strides			
	velocity		6.13		9.43		9.57		9.52		9.30	8.53				
Nikodem, František (CZE) (1995)	time		3.26		5.43		7.53		9.65		11.83	11.83	2 / 4			
reaction time 0.129	interval				2.17		2.10		2.12		2.18		# of strides			
	velocity		6.13		9.22		9.52		9.43		9.17	8.45				
Vostatek, Jakub (CZE) (1995)	time		3.31		5.47		7.57		9.68		11.87	11.87	1 / 5			
reaction time 0.161	interval				2.16		2.10		2.11		2.19		# of strides			
	velocity		6.04		9.26		9.52		9.48		9.13	8.42				
Korínek, Petr (CZE) (1996)	time		3.32		5.51		7.65		9.80		12.02	12.02	5 / 6			
reaction time 0.176	interval				2.19		2.14		2.15		2.22		# of strides			
	velocity		6.02		9.13		9.35		9.30		9.01	8.32				
Jarošek, Michal (CZE) (1996)	time		3.33		5.53		7.70		9.87		12.09	12.09	3 / 7			
reaction time 0.159	interval				2.20		2.17		2.17		2.22		# of strides			
	velocity		6.01		9.09		9.22		9.22		9.01	8.27				

2014 Czech Republic National U18 Championships (Trinec, CZE)

FINAL

date 28-Jun-14 wind -2.1 m/s

Feher (2014) - Final report from the U18 & U20 Czech Republic national championships

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Procházka, Jáchym (CZE) (1997)	time	2.06	3.16	4.20	5.18	6.13	7.09	8.05	9.02	10.00	11.01	11.01	6 / 1			
reaction time 0.181	interval		1.10	1.04	0.98	0.95	0.96	0.96	0.97	0.98	1.01		# of strides	4.20	2.89	2.91
	velocity	4.85	9.09	9.62	10.20	10.53	10.42	10.42	10.31	10.20	9.90	9.08		7.14	10.38	10.31
Kolár, David (CZE) (1997)	time	2.01	3.12	4.15	5.13	6.10	7.06	8.04	9.03	10.04	11.08	11.08	4 / 2			
reaction time 0.167	interval		1.11	1.03	0.98	0.97	0.96	0.98	0.99	1.01	1.04		# of strides	4.15	2.91	2.98
	velocity	4.98	9.01	9.71	10.20	10.31	10.42	10.20	10.10	9.90	9.62	9.03		7.23	10.31	10.07
Rapp, Ondrej (CZE) (1997)	time	2.03	3.18	4.22	5.21	6.19	7.17	8.13	9.12	10.12	11.15	11.15	8 / 3			
reaction time 0.172	interval		1.15	1.04	0.99	0.98	0.98	0.96	0.99	1.00	1.03		# of strides	4.22	2.95	2.95
	velocity	4.93	8.70	9.62	10.10	10.20	10.20	10.42	10.10	10.00	9.71	8.97		7.11	10.17	10.17
Feigel, Jirí (CZE) (1997)	time	2.10	3.21	4.24	5.24	6.22	7.19	8.17	9.18	10.19	11.23	11.23	3 / 4			
reaction time 0.154	interval		1.11	1.03	1.00	0.98	0.97	0.98	1.01	1.01	1.04		# of strides	4.24	2.95	3.00
	velocity	4.76	9.01	9.71	10.00	10.20	10.31	10.20	9.90	9.90	9.62	8.90		7.08	10.17	10.00
Röder, Adam (CZE) (1998)	time	2.08	3.17	4.23	5.21	6.20	7.21	8.21	9.23	10.27	11.34	11.34	5 / 5			
reaction time 0.173	interval		1.09	1.06	0.98	0.99	1.01	1.00	1.02	1.04	1.07		# of strides	4.23	2.98	3.06

		velocity	4.81	9.17	9.43	10.20	10.10	9.90	10.00	9.80	9.62	9.35	8.82		7.09	10.07	9.80
Richter, David (CZE) (1998)		time	2.08	3.20	4.26	5.29	6.29	7.30	8.32	9.34	10.37	11.43	11.43	2 / 6			
reaction time	0.167	interval		1.12	1.06	1.03	1.00	1.01	1.02	1.02	1.03	1.06		# of strides	4.26	3.04	3.07
		velocity	4.81	8.93	9.43	9.71	10.00	9.90	9.80	9.80	9.71	9.43	8.75		7.04	9.87	9.77
Moravec, Aleš (CZE) (1998)		time	2.08	3.19	4.25	5.24	6.24	7.25	8.26	9.30	10.37	11.46	11.46	7 / 7			
reaction time	0.181	interval		1.11	1.06	0.99	1.00	1.01	1.01	1.04	1.07	1.09		# of strides	4.25	3.00	3.12
		velocity	4.81	9.01	9.43	10.10	10.00	9.90	9.90	9.62	9.35	9.17	8.73		7.06	10.00	9.62
Dvorák, Filip (CZE) (1997)		time	2.05	3.17	4.22	5.26	6.27	7.29	8.32	9.35	10.40	11.50	11.50	1 / 8			
reaction time	0.148	interval		1.12	1.05	1.04	1.01	1.02	1.03	1.03	1.05	1.10		# of strides	4.22	3.07	3.11
		velocity	4.88	8.93	9.52	9.62	9.90	9.80	9.71	9.71	9.52	9.09	8.70		7.11	9.77	9.65

Heat 3

date 28-Jun-14 wind -2.7 m/s

Feher (2014) - Final report from the U18 & U20 Czech Republic national championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Röder, Adam (CZE) (1998)		time		3.13		5.18		7.19		9.19		11.31	11.31	4 / 1			
reaction time	0.163	interval				2.05		2.01		2.00		2.12		# of strides			
		velocity		6.39		9.76		9.95		10.00		9.43	8.84				
Richter, David (CZE) (1998)		time		3.20		5.29		7.30		9.33		11.41	11.41	6 / 2			
reaction time	0.172	interval				2.09		2.01		2.03		2.08		# of strides			
		velocity		6.25		9.57		9.95		9.85		9.62	8.76				
Moravec, Aleš (CZE) (1998)		time		3.20		5.25		7.26		9.29		11.43	11.43	3 / 3			
reaction time	0.175	interval				2.05		2.01		2.03		2.14		# of strides			
		velocity		6.25		9.76		9.95		9.85		9.35	8.75				
Dvorák, Filip (CZE) (1997)		time		3.16		5.23		7.23		9.28		11.44	11.44	5 / 4			
reaction time	0.150	interval				2.07		2.00		2.05		2.16		# of strides			
		velocity		6.33		9.66		10.00		9.76		9.26	8.74				
Hartych, Vít (CZE) (1997)		time		3.31		5.43		7.47		9.48		11.59	11.59	7 / 5			
reaction time	0.183	interval				2.12		2.04		2.01		2.11		# of strides			
		velocity		6.04		9.43		9.80		9.95		9.48	8.63				
Slavíček, Lukáš (CZE) (1997)		time		3.25		5.39		7.49		9.56		11.74	11.74	8 / 6			
reaction time	0.153	interval				2.14		2.10		2.07		2.18		# of strides			
		velocity		6.15		9.35		9.52		9.66		9.17	8.52				
Hašek, Josef (CZE) (1997)		time		3.22		5.34		7.43		9.54		11.74	11.74	2 / 7			
reaction time	0.135	interval				2.12		2.09		2.11		2.20		# of strides			
		velocity		6.21		9.43		9.57		9.48		9.09	8.52				

Heat 2

date 28-Jun-14 wind -4.2 m/s

Feher (2014) - Final report from the U18 & U20 Czech Republic national championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kolár, David (CZE) (1997)		time		3.12		5.16		7.13		9.11		11.20	11.20	6 / 1			
reaction time	0.171	interval				2.04		1.97		1.98		2.09		# of strides			
		velocity		6.41		9.80		10.15		10.10		9.57	8.93				
Feigel, Jirí (CZE) (1997)		time		3.20		5.25		7.23		9.22		11.32	11.32	3 / 2			
reaction time	0.174	interval				2.05		1.98		1.99		2.10		# of strides			
		velocity		6.25		9.76		10.10		10.05		9.52	8.83				
Habrda, Filip (CZE) (1997)		time		3.25		5.31		7.33		9.35		11.49	11.49	4 / 3			
reaction time	0.157	interval				2.06		2.02		2.02		2.14		# of strides			
		velocity		6.15		9.71		9.90		9.90		9.35	8.70				
Schädelbauer, David (CZE) (1997)		time		3.22		5.34		7.41		9.50		11.69	11.69	2 / 4			
reaction time	0.186	interval				2.12		2.07		2.09		2.19		# of strides			
		velocity		6.21		9.43		9.66		9.57		9.13	8.55				
Musil, Jan (CZE) (1997)		time		3.32		5.42		7.49		9.56		11.73	11.73	7 / 5			
reaction time	0.148	interval				2.10		2.07		2.07		2.17		# of strides			
		velocity		6.02		9.52		9.66		9.66		9.22	8.53				
Urbánek, Petr (CZE) (1998)		time		3.23		5.34		7.43		9.54		11.76	11.76	8 / 6			
reaction time	0.177	interval				2.11		2.09		2.11		2.22		# of strides			
		velocity		6.19		9.49		9.57		9.48		9.01	8.50				
Šprna, Dominik (CZE) (1998)		time		3.21		5.34		7.43		9.58		11.85	11.85	5 / 7			
reaction time	0.147	interval				2.13		2.09		2.15		2.27		# of strides			
		velocity		6.23		9.39		9.57		9.30		8.81	8.44				

Heat 1

date 28-Jun-14 wind -3.9 m/s

Feher (2014) - Final report from the U18 & U20 Czech Republic national championships

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Procházka, Jáchym (CZE) (1997)	time	3.15	5.21	7.25	9.25	11.35	11.35	4 / 1		
reaction time 0.145	interval		2.06	2.04	2.00	2.10		# of strides		
	velocity	6.35	9.71	9.80	10.00	9.52	8.81			
Rapp, Ondrej (CZE) (1997)	time	3.21	5.31	7.39	9.43	11.54	11.54	3 / 2		
reaction time 0.167	interval		2.10	2.08	2.04	2.11		# of strides		
	velocity	6.23	9.52	9.62	9.80	9.48	8.67			
Červík, Jakub (CZE) (1997)	time	3.28	5.40	7.49	9.52	11.62	11.62	5 / 3		
reaction time 0.192	interval		2.12	2.09	2.03	2.10		# of strides		
	velocity	6.10	9.43	9.57	9.85	9.52	8.61			
Lamač, Martin (CZE) (1997)	time	3.18	5.32	7.45	9.56	11.77	11.77	2 / 4		
reaction time 0.160	interval		2.14	2.13	2.11	2.21		# of strides		
	velocity	6.29	9.35	9.39	9.48	9.05	8.50			
Desensky, Lukáš (CZE) (1998)	time	3.30	5.42	7.55	9.67	11.90	11.90	6 / 5		
reaction time 0.206	interval		2.12	2.13	2.12	2.23		# of strides		
	velocity	6.06	9.43	9.39	9.43	8.97	8.40			
Minarík, Pavel (CZE) (1998)	time	3.28	5.47	7.63	9.76	11.99	11.99	8 / 6		
reaction time 0.176	interval		2.19	2.16	2.13	2.23		# of strides		
	velocity	6.10	9.13	9.26	9.39	8.97	8.34			
Vojtek, Matouš (CZE) (1998)	time	3.33	5.54	7.76	9.93	12.21	12.21	7 / 7		
reaction time 0.166	interval		2.21	2.22	2.17	2.28		# of strides		
	velocity	6.01	9.05	9.01	9.22	8.77	8.19			

2014 Japanese National Championships (Fukushima, JPN)

FINAL

date 08-Jun-14 wind 0.6 m/s — *Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)	time	1.96	2.99	3.93	4.83	5.71	6.60	7.49	8.39	9.29	10.22	10.22	6 / 1			
reaction time	interval		1.03	0.94	0.90	0.88	0.89	0.89	0.90	0.90	0.93		# of strides	3.93	2.67	2.69
	velocity	5.10	9.71	10.64	11.11	11.36	11.24	11.24	11.11	11.11	10.75	9.78	48.7	7.63	11.24	11.15

Semi-Final 2

date 08-Jun-14 wind 0.8 m/s — *Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yamagata, Ryota (JPN) (1992)	time	1.91	2.97	3.92	4.82	5.72	6.60	7.48	8.38	9.29	10.22	10.22	7 / 1			
reaction time	interval		1.06	0.95	0.90	0.90	0.88	0.88	0.90	0.91	0.93		# of strides	3.92	2.68	2.69
	velocity	5.24	9.43	10.53	11.11	11.11	11.36	11.36	11.11	10.99	10.75	9.78	48.8	7.65	11.19	11.15

Semi-Final 1

date 08-Jun-14 wind -0.5 m/s — *Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)	time	1.93	2.97	3.90	4.80	5.68	6.56	7.44	8.34	9.25	10.21	10.21	5 / 1			
reaction time	interval		1.04	0.93	0.90	0.88	0.88	0.88	0.90	0.91	0.96		# of strides	3.90	2.66	2.69
	velocity	5.18	9.62	10.75	11.11	11.36	11.36	11.36	11.11	10.99	10.42	9.79	48.9	7.69	11.28	11.15

Heat 4

date 07-Jun-14 wind 1.4 m/s — *Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)	time	1.95	2.98	3.92	4.81	5.69	6.57	7.44	8.32	9.22	10.15	10.15	7 / 1			
reaction time	interval		1.03	0.94	0.89	0.88	0.88	0.87	0.88	0.90	0.93		# of strides	3.92	2.65	2.65
	velocity	5.13	9.71	10.64	11.24	11.36	11.36	11.49	11.36	11.11	10.75	9.85	48.9	7.65	11.32	11.32

2014 Japanese National Multi-Event Championships (Nagano, JPN)

Decathlon - Heat 2

date 31-May-14 wind -0.6 m/s — *Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.07	3.19	4.22	5.21	6.19	7.17	8.16	9.17	10.19	11.24	11.24	4 / 4			
reaction time	interval		1.12	1.03	0.99	0.98	0.98	0.99	1.01	1.02	1.05		# of strides	4.22	2.95	3.02
	velocity	4.83	8.93	9.71	10.10	10.20	10.20	10.10	9.90	9.80	9.52	8.90		7.11	10.17	9.93

Decathlon - Heat 1

date 31-May-14 wind -1.3 m/s — *Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)	time	1.99	3.08	4.08	5.04	5.98	6.93	7.88	8.84	9.81	10.80	10.80	4 / 2			
reaction time	interval		1.09	1.00	0.96	0.94	0.95	0.95	0.96	0.97	0.99		# of strides	4.08	2.85	2.88
	velocity	5.03	9.17	10.00	10.42	10.64	10.53	10.53	10.42	10.31	10.10	9.26		7.35	10.53	10.42

2014 Seiko Golden Grand Prix (Tokyo, JPN)

Matsuo (2014) - research on athlete performance and technique- 2014 data book

FINAL

date 11-May-14 wind -3.5 m/s — *Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gatlin, Justin (USA) (1982)	time	1.88	2.90	3.83	4.71	5.59	6.46	7.33	8.21	9.11	10.02	10.02	3 / 1		Akirabun (2014)	
reaction time	interval		1.02	0.93	0.88	0.88	0.87	0.87	0.88	0.90	0.91		# of strides	3.83	2.63	2.65
	velocity	5.32	9.80	10.75	11.36	11.36	11.49	11.49	11.36	11.11	10.99	9.98	49.2	7.83	11.41	11.32
Rodgers, Michael (USA) (1985)	time	1.95	2.97	3.90	4.80	5.68	6.55	7.42	8.31	9.20	10.11	10.11	5 / 2		Akirabun (2014)	
reaction time	interval		1.02	0.93	0.90	0.88	0.87	0.87	0.89	0.89	0.91		# of strides	3.90	2.65	2.65

	velocity	5.13	9.80	10.75	11.11	11.36	11.49	11.49	11.24	11.24	10.99	9.89	46.9	7.69	11.32	11.32
Lemaitre, Christophe (FRA) (1990)	time	1.96	3.03	3.99	4.90	5.81	6.70	7.58	8.48	9.39	10.31	10.31	4 / 3		Matsuo (2014)	
reaction time	interval		1.07	0.96	0.91	0.91	0.89	0.88	0.90	0.91	0.92		# of strides	3.99	2.71	2.69
	velocity	5.10	9.35	10.42	10.99	10.99	11.24	11.36	11.11	10.99	10.87	9.70	46.5	7.52	11.07	11.15
Kiryu, Yoshihide (JPN) (1995)	time	1.90	2.95	3.92	4.85	5.77	6.69	7.61	8.54	9.49	10.46	10.46	2 / 5		Matsuo (2014)	
reaction time	interval		1.05	0.97	0.93	0.92	0.92	0.92	0.93	0.95	0.97		# of strides	3.92	2.77	2.80
	velocity	5.26	9.52	10.31	10.75	10.87	10.87	10.87	10.75	10.53	10.31	9.56	47.7	7.65	10.83	10.71
Oseto, Kazuma (JPN) (1994)	time	1.88	2.95	3.91	4.86	5.78	6.71	7.64	8.58	9.52	10.47	10.47	1 / 6		Matsuo (2014)	
reaction time	interval		1.07	0.96	0.95	0.92	0.93	0.93	0.94	0.94	0.95		# of strides	3.91	2.80	2.81
	velocity	5.32	9.35	10.42	10.53	10.87	10.75	10.75	10.64	10.64	10.53	9.55	46.9	7.67	10.71	10.68
Kawatsura, Sota (JPN) (1989)	time	1.92	2.96	3.92	4.86	5.77	6.68	7.61	8.55	9.50	10.48	10.48	7 / 7		Matsuo (2014)	
reaction time	interval		1.04	0.96	0.94	0.91	0.91	0.93	0.94	0.95	0.98		# of strides	3.92	2.76	2.82
	velocity	5.21	9.62	10.42	10.64	10.99	10.99	10.75	10.64	10.53	10.20	9.54	49.4	7.65	10.87	10.64
Leathart, Tim (AUS) (1989)	time	1.99	3.08	4.07	5.01	5.94	6.86	7.79	8.72	9.66	10.63	10.63	6 / 8		Matsuo (2014)	
reaction time	interval		1.09	0.99	0.94	0.93	0.92	0.93	0.93	0.94	0.97		# of strides	4.07	2.79	2.80
	velocity	5.03	9.17	10.10	10.64	10.75	10.87	10.75	10.75	10.64	10.31	9.41	48.5	7.37	10.75	10.71

2014 Mikio Oda Memorial (Hiroshima, JPN)

Koyama (2014) - research on athlete performance and technique- 2014 data book

A FINAL

date 29-Apr-14 wind 0.7 m/s

Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Takase, Kei (JPN) (1988)	time	1.91	2.95	3.87	4.76	5.63	6.51	7.40	8.29	9.19	10.13	10.13	3 / 1		Akirabun (2014)	
reaction time	interval		1.04	0.92	0.89	0.87	0.88	0.89	0.89	0.90	0.94	PB	# of strides	3.87	2.64	2.68
	velocity	5.24	9.62	10.87	11.24	11.49	11.36	11.24	11.24	11.11	10.64	9.87	46.9	7.75	11.36	11.19
Yamagata, Ryota (JPN) (1992)	time	1.91	2.96	3.90	4.80	5.69	6.57	7.47	8.39	9.31	10.26	10.26	1 / 4		*Koyama (2014)*	
reaction time	interval		1.05	0.94	0.90	0.89	0.88	0.90	0.92	0.92	0.95		# of strides	3.90	2.67	2.74
	velocity	5.24	9.52	10.64	11.11	11.24	11.36	11.11	10.87	10.87	10.53	9.75	47.6	7.69	11.24	10.95
Cambridge, Aska (JPN) (1993)	time	1.95	3.03	3.99	4.90	5.80	6.69	7.58	8.48	9.39	10.32	10.32	8 / 6		*Koyama (2014)*	
reaction time	interval		1.08	0.96	0.91	0.90	0.89	0.89	0.90	0.91	0.93		# of strides	3.99	2.70	2.70
	velocity	5.13	9.26	10.42	10.99	11.11	11.24	11.24	11.11	10.99	10.75	9.69	47.0	7.52	11.11	11.11

B FINAL

date 29-Apr-14 wind 1.8 m/s

Koyama (2014) - research on athlete performance and technique- 2014 data book

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kawatsura, Sota (JPN) (1989)	time	1.92	2.99	3.95	4.86	5.77	6.67	7.57	8.49	9.41	10.36	10.36	3 / 1			
reaction time	interval		1.07	0.96	0.91	0.91	0.90	0.90	0.92	0.92	0.95		# of strides	3.95	2.72	2.74
	velocity	5.21	9.35	10.42	10.99	10.99	11.11	11.11	10.87	10.87	10.53	9.65	49.9	7.59	11.03	10.95
Koike, Yuki (JPN) (1995)	time	2.01	3.08	4.04	4.97	5.88	6.78	7.68	8.58	9.49	10.42	10.42	4 / 3			
reaction time	interval		1.07	0.96	0.93	0.91	0.90	0.90	0.90	0.91	0.93		# of strides	4.04	2.74	2.71
	velocity	4.98	9.35	10.42	10.75	10.99	11.11	11.11	11.11	10.99	10.75	9.60	50.2	7.43	10.95	11.07
Takeshita, Yuki (JPN) (1995)	time	1.96	3.01	3.97	4.89	5.80	6.70	7.62	8.54	9.48	10.43	10.43	6 / 4			
reaction time	interval		1.05	0.96	0.92	0.91	0.90	0.92	0.92	0.94	0.95		# of strides	3.97	2.73	2.78
	velocity	5.10	9.52	10.42	10.87	10.99	11.11	10.87	10.87	10.64	10.53	9.59	49.2	7.56	10.99	10.79
Kobayashi, Yuichi (JPN) (1989)	time	1.96	3.04	4.01	4.95	5.87	6.78	7.69	8.59	9.52	10.46	10.46	2 / 5			
reaction time	interval		1.08	0.97	0.94	0.92	0.91	0.91	0.90	0.93	0.94		# of strides	4.01	2.77	2.74
	velocity	5.10	9.26	10.31	10.64	10.87	10.99	10.99	11.11	10.75	10.64	9.56	48.7	7.48	10.83	10.95

Koyama (2014) - research on athlete performance and technique- 2014 data book

Heat 3

date 29-Apr-14 wind 2.6 m/s

Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Takase, Kei (JPN) (1988)	time	1.92	2.95	3.89	4.79	5.67	6.55	7.43	8.32	9.22	10.14	10.14	4 / 1		Akirabun (2014)	
reaction time	interval		1.03	0.94	0.90	0.88	0.88	0.88	0.89	0.90	0.92		# of strides	3.89	2.66	2.67
	velocity	5.21	9.71	10.64	11.11	11.36	11.36	11.36	11.24	11.11	10.87	9.86	46.5	7.71	11.28	11.24
Cambridge, Aska (JPN) (1993)	time	1.96	3.03	3.99	4.90	5.80	6.68	7.56	8.44	9.34	10.24	10.24	6 / 2		*Koyama (2014)*	
reaction time	interval		1.07	0.96	0.91	0.90	0.88	0.88	0.88	0.90	0.90		# of strides	3.99	2.69	2.66
	velocity	5.10	9.35	10.42	10.99	11.11	11.36	11.36	11.36	11.11	11.11	9.77	46.9	7.52	11.15	11.28
Kuki, Takumi (JPN) (1992)	time	1.91	2.96	3.90	4.81	5.70	6.59	7.48	8.38	9.30	10.24	10.24	5 / 3		*Koyama (2014)*	
reaction time	interval		1.05	0.94	0.91	0.89	0.89	0.89	0.90	0.92	0.94		# of strides	3.90	2.69	2.71
	velocity	5.24	9.52	10.64	10.99	11.24	11.24	11.24	11.11	10.87	10.64	9.77	49.4	7.69	11.15	11.07
Koike, Yuki (JPN) (1995)	time	1.95	3.01	3.98	4.90	5.81	6.70	7.59	8.49	9.40	10.34	10.34	8 / 4		*Koyama (2014)*	
reaction time	interval		1.06	0.97	0.92	0.91	0.89	0.89	0.90	0.91	0.94		# of strides	3.98	2.72	2.70
	velocity	5.13	9.43	10.31	10.87	10.99	11.24	11.24	11.11	10.99	10.64	9.67	49.9	7.54	11.03	11.11

Koyama (2014) - research on athlete performance and technique- 2014 data book

Heat 2

date 29-Apr-14 wind 2.4 m/s

Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yamagata, Ryota (JPN) (1992)	time	1.90	2.94	3.88	4.79	5.67	6.56	7.45	8.35	9.26	10.19	10.19	3 / 1		Akirabun (2014)	

reaction time	interval		1.04	0.94	0.91	0.88	0.89	0.89	0.90	0.91	0.93		# of strides	3.88	2.68	2.70
	velocity	5.26	9.62	10.64	10.99	11.36	11.24	11.24	11.11	10.99	10.75	9.81	47.7	7.73	11.19	11.11
Kawatsura, Sota (JPN) (1989)	time	1.93	2.97	3.92	4.83	5.73	6.62	7.53	8.44	9.36	10.31	10.31	4 / 3		Akirabun (2014)	
reaction time	interval		1.04	0.95	0.91	0.90	0.89	0.91	0.91	0.92	0.95		# of strides	3.92	2.70	2.74
	velocity	5.18	9.62	10.53	10.99	11.11	11.24	10.99	10.99	10.87	10.53	9.70	49.7	7.65	11.11	10.95
Takeshita, Yuki (JPN) (1992)	time	1.94	3.00	3.95	4.88	5.78	6.68	7.59	8.50	9.43	10.36	10.36	5 / 5		*Koyama (2014)*	
reaction time	interval		1.06	0.95	0.93	0.90	0.90	0.91	0.91	0.93	0.93		# of strides	3.95	2.73	2.75
	velocity	5.15	9.43	10.53	10.75	11.11	11.11	10.99	10.99	10.75	10.75	9.65	50.0	7.59	10.99	10.91
Nogawa, Daichi (JPN) (1991)	time	1.98	3.04	3.99	4.92	5.82	6.73	7.64	8.57	9.51	10.49	10.48	7 / 6		*Koyama (2014)*	
reaction time	interval		1.06	0.95	0.93	0.90	0.91	0.91	0.93	0.94	0.98		# of strides	3.99	2.74	2.78
	velocity	5.05	9.43	10.53	10.75	11.11	10.99	10.99	10.75	10.64	10.20	9.54	48.0	7.52	10.95	10.79

Koyama (2014) - research on athlete performance and technique- 2014 data book

Heat 1

date 29-Apr-14 wind 2.0 m/s

Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)	time	1.94	2.98	3.91	4.81	5.68	6.56	7.42	8.30	9.19	10.10	10.10	4 / 1		Akirabun (2014)	
reaction time	interval		1.04	0.93	0.90	0.87	0.88	0.86	0.88	0.89	0.91	AJR	# of strides	3.91	2.65	2.63
	velocity	5.15	9.62	10.75	11.11	11.49	11.36	11.63	11.36	11.24	10.99	9.90	49.2	7.67	11.32	11.41
Eriguchi, Masashi (JPN) (1988)	time	1.90	2.96	3.90	4.81	5.69	6.57	7.45	8.35	9.28	10.24	10.24	6 / 2		*Koyama (2014)*	
reaction time	interval		1.06	0.94	0.91	0.88	0.88	0.88	0.90	0.93	0.96		# of strides	3.90	2.67	2.71
	velocity	5.26	9.43	10.64	10.99	11.36	11.36	11.36	11.11	10.75	10.42	9.77	48.5	7.69	11.24	11.07
Oseto, Kazuma (JPN) (1994)	time	1.88	2.94	3.89	4.81	5.72	6.62	7.51	8.41	9.32	10.25	10.25	3 / 3		*Koyama (2014)*	
reaction time	interval		1.06	0.95	0.92	0.91	0.90	0.89	0.90	0.91	0.93		# of strides	3.89	2.73	2.70
	velocity	5.32	9.43	10.53	10.87	10.99	11.11	11.24	11.11	10.99	10.75	9.76	48.6	7.71	10.99	11.11
Tsukahara, Naoki (JPN) (1985)	time	1.95	3.03	4.00	4.93	5.85	6.77	7.68	8.59	9.52	10.48	10.48	5 / 6		*Koyama (2014)*	
reaction time	interval		1.08	0.97	0.93	0.92	0.92	0.91	0.91	0.93	0.96		# of strides	4.00	2.77	2.75
	velocity	5.13	9.26	10.31	10.75	10.87	10.87	10.99	10.99	10.75	10.42	9.54	47.9	7.50	10.83	10.91

Race 2

date 29-Apr-14 wind 2.3 m/s

Koyama (2014) - research on athlete performance and technique- 2014 data book

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Takahira, Shinji (JPN) (1984)	time	1.94	3.00	3.96	4.88	5.78	6.69	7.59	8.51	9.44	10.40	10.40	3 / 1			
reaction time	interval		1.06	0.96	0.92	0.90	0.91	0.90	0.92	0.93	0.96		# of strides	3.96	2.73	2.75
	velocity	5.15	9.43	10.42	10.87	11.11	10.99	11.11	10.87	10.75	10.42	9.62	45.4	7.58	10.99	10.91
Kitamura, Takuya (JPN) (1993)	time	1.97	3.03	4.00	4.93	5.84	6.75	7.66	8.59	9.52	10.48	10.48	4 / 3			
reaction time	interval		1.06	0.97	0.93	0.91	0.91	0.91	0.93	0.93	0.96		# of strides	4.00	2.75	2.77
	velocity	5.08	9.43	10.31	10.75	10.99	10.99	10.99	10.75	10.75	10.42	9.54	47.0	7.50	10.91	10.83
Suetsugu, Shingo (JPN) (1980)	time	1.98	3.05	4.03	4.96	5.88	6.78	7.69	8.61	9.54	10.49	10.49	7 / 4			
reaction time	interval		1.07	0.98	0.93	0.92	0.90	0.91	0.92	0.93	0.95		# of strides	4.03	2.75	2.76
	velocity	5.05	9.35	10.20	10.75	10.87	11.11	10.99	10.87	10.75	10.53	9.53	47.2	7.44	10.91	10.87
Naganuma, Kenji (JPN) (1993)	time	1.99	3.09	4.08	5.04	5.97	6.90	7.84	8.78	9.74	10.71	10.71	5 / 6			
reaction time	interval		1.10	0.99	0.96	0.93	0.93	0.94	0.94	0.96	0.97		# of strides	4.08	2.82	2.84
	velocity	5.03	9.09	10.10	10.42	10.75	10.75	10.64	10.64	10.42	10.31	9.34	48.0	7.35	10.64	10.56

Race 1

date 29-Apr-14 wind 1.3 m/s

Koyama (2014) - research on athlete performance and technique- 2014 data book

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Naoki, Masafumi (JPN) (1993)	time	1.96	3.04	4.00	4.93	5.84	6.73	7.63	8.54	9.46	10.40	10.40	3 / 1			
reaction time	interval		1.08	0.96	0.93	0.91	0.89	0.90	0.91	0.92	0.94	PB	# of strides	4.00	2.73	2.73
	velocity	5.10	9.26	10.42	10.75	10.99	11.24	11.11	10.99	10.87	10.64	9.62	47.0	7.50	10.99	10.99
Nishigaki, Yoshiya (JPN) (1993)	time	1.90	2.96	3.91	4.86	5.79	6.72	7.66	8.61	9.59	10.59	10.59	4 / 4			
reaction time	interval		1.06	0.95	0.95	0.93	0.93	0.94	0.95	0.98	1.00		# of strides	3.91	2.81	2.87
	velocity	5.26	9.43	10.53	10.53	10.75	10.75	10.64	10.53	10.20	10.00	9.44	52.2	7.67	10.68	10.45
Abiko, Mitsuhiro (JPN) (1988)	time	1.99	3.08	4.07	5.03	5.98	6.91	7.86	8.82	9.80	10.81	10.81	5 / 7			
reaction time	interval		1.09	0.99	0.96	0.95	0.93	0.95	0.96	0.98	1.01		# of strides	4.07	2.84	2.89
	velocity	5.03	9.17	10.10	10.42	10.53	10.75	10.53	10.42	10.20	9.90	9.25	49.0	7.37	10.56	10.38

2014 Nittai University Distance Meeting (Wakayama, JPN)

Decathlon - Heat 2

date 26-Apr-14 wind -0.5 m/s

Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.02	3.13	4.15	5.14	6.12	7.10	8.08	9.08	10.09	11.14	11.14	4 / 3			
reaction time	interval		1.11	1.02	0.99	0.98	0.98	0.98	1.00	1.01	1.05	PB	# of strides	4.15	2.95	2.99
	velocity	4.95	9.01	9.80	10.10	10.20	10.20	10.20	10.00	9.90	9.52	8.98		7.23	10.17	10.03

Matsuo (2014) - research on athlete performance and technique- 2014 data book

Decathlon - Heat 1

date 26-Apr-14 wind 1.6 m/s

Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Otobe, Takumi (JPN) (1989)	time	1.96	3.04	4.01	4.93	5.85	6.77	7.69	8.63	9.59	10.57	10.57	3 / 1		*Matsuo (2014)*	
reaction time	interval		1.08	0.97	0.92	0.92	0.92	0.92	0.94	0.96	0.98	PB	# of strides	4.01	2.76	2.82

	velocity	5.10	9.26	10.31	10.87	10.87	10.87	10.87	10.64	10.42	10.20	9.46		7.48	10.87	10.64
Nakamura, Akihiko (JPN) (1990)	time	1.96	3.04	4.02	4.96	5.89	6.83	7.77	8.72	9.69	10.69	10.69	5 / 2			*Takeo (2014)*
reaction time	interval		1.08	0.98	0.94	0.93	0.94	0.94	0.95	0.97	1.00	PB	# of strides	4.02	2.81	2.86
	velocity	5.10	9.26	10.20	10.64	10.75	10.64	10.64	10.53	10.31	10.00	9.35		7.46	10.68	10.49

2014 Izumo Athletics Games (Izumo, JPN)

FINAL

date 20-Apr-14 wind 2.6 m/s

Matsuo (2014) - research on athlete performance and technique- 2014 data book

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Takase, Kei (JPN) (1988)	time	1.95	3.00	3.93	4.84	5.73	6.62	7.51	8.41	9.33	10.26	10.26	3 / 1			
reaction time	interval		1.05	0.93	0.91	0.89	0.89	0.89	0.90	0.92	0.93		# of strides	3.93	2.69	2.71
	velocity	5.13	9.52	10.75	10.99	11.24	11.24	11.24	11.11	10.87	10.75	9.75	47.0	7.63	11.15	11.07
Fujimitsu, Kenji (JPN) (1986)	time	1.97	3.02	3.97	4.88	5.78	6.66	7.55	8.45	9.35	10.27	10.27	4 / 2			
reaction time	interval		1.05	0.95	0.91	0.90	0.88	0.89	0.90	0.90	0.92		# of strides	3.97	2.69	2.69
	velocity	5.08	9.52	10.53	10.99	11.11	11.36	11.24	11.11	11.11	10.87	9.74	46.0	7.56	11.15	11.15
Ishitsuka, Yusuke (JPN) (1987)	time	1.97	3.06	4.05	4.98	5.91	6.83	7.75	8.68	9.62	10.58	10.58	5 / 3			
reaction time	interval		1.09	0.99	0.93	0.93	0.92	0.92	0.93	0.94	0.96		# of strides	4.05	2.78	2.79
	velocity	5.08	9.17	10.10	10.75	10.75	10.87	10.87	10.75	10.64	10.42	9.45	46.0	7.41	10.79	10.75

Race B

date 20-Apr-14 wind 0.6 m/s

Matsuo (2014) - research on athlete performance and technique- 2014 data book

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN (1995)	time	1.93	2.97	3.91	4.82	5.71	6.59	7.48	8.39	9.31	10.26	10.26	5 / 1			
reaction time	interval		1.04	0.94	0.91	0.89	0.88	0.89	0.91	0.92	0.95		# of strides	3.91	2.68	2.72
	velocity	5.18	9.62	10.64	10.99	11.24	11.36	11.24	10.99	10.87	10.53	9.75	49.7	7.67	11.19	11.03
Oseto, Kazuma (JPN) (1994)	time	1.92	2.96	3.91	4.84	5.75	6.66	7.58	8.50	9.44	10.40	10.40	4 / 2			
reaction time	interval		1.04	0.95	0.93	0.91	0.91	0.92	0.92	0.94	0.96		# of strides	3.91	2.75	2.78
	velocity	5.21	9.62	10.53	10.75	10.99	10.99	10.87	10.87	10.64	10.42	9.62	49.2	7.67	10.91	10.79
Horie, Shintaro (JPN) (1990)	time	1.97	3.05	4.03	4.97	5.90	6.82	7.74	8.66	9.60	10.56	10.56	7 / 4			
reaction time	interval		1.08	0.98	0.94	0.93	0.92	0.92	0.92	0.94	0.96		# of strides	4.03	2.79	2.78
	velocity	5.08	9.26	10.20	10.64	10.75	10.87	10.87	10.87	10.64	10.42	9.47	48.2	7.44	10.75	10.79
Nashimoto, Masaki (JPN) (1993)	time	1.98	3.05	4.02	4.95	5.87	6.78	7.70	8.63	9.58	10.56	10.56	1 / 5			
reaction time	interval		1.07	0.97	0.93	0.92	0.91	0.92	0.93	0.95	0.98		# of strides	4.02	2.76	2.80
	velocity	5.05	9.35	10.31	10.75	10.87	10.99	10.87	10.75	10.53	10.20	9.47	53.0	7.46	10.87	10.71

Race C

date 20-Apr-14 wind 0.6 m/s

Matsuo (2014) - research on athlete performance and technique- 2014 data book

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kobayashi, Yuichi (JPN) (1989)	time	1.93	3.01	3.99	4.92	5.84	6.76	7.68	8.60	9.53	10.48	10.48	/ 1			
reaction time	interval		1.08	0.98	0.93	0.92	0.92	0.92	0.92	0.93	0.95		# of strides	3.99	2.77	2.77
	velocity	5.18	9.26	10.20	10.75	10.87	10.87	10.87	10.87	10.75	10.53	9.54		7.52	10.83	10.83
Eriguchi, Masashi (JPN) (1988)	time	1.95	3.00	3.95	4.87	5.78	6.70	7.62	8.56	9.52	10.49	10.49	/ 2			
reaction time	interval		1.05	0.95	0.92	0.91	0.92	0.92	0.94	0.96	0.97		# of strides	3.95	2.75	2.82
	velocity	5.13	9.52	10.53	10.87	10.99	10.87	10.87	10.64	10.42	10.31	9.53		7.59	10.91	10.64
Nishigaki, Yoshiya (JPN) (1993)	time	1.90	2.94	3.89	4.82	5.75	6.68	7.62	8.56	9.53	10.51	10.51	/ 3			
reaction time	interval		1.04	0.95	0.93	0.93	0.93	0.94	0.94	0.97	0.98		# of strides	3.89	2.79	2.85
	velocity	5.26	9.62	10.53	10.75	10.75	10.75	10.64	10.64	10.31	10.20	9.51		7.71	10.75	10.53
Takahira, Shinji (JPN) (1984)	time	1.96	3.04	4.01	4.95	5.87	6.79	7.72	8.65	9.85	10.58	10.58	???			
reaction time	interval		1.08	0.97	0.94	0.92	0.92	0.93	0.93	1.20	0.73		# of strides	4.01	2.78	3.06
	velocity	5.10	9.26	10.31	10.64	10.87	10.87	10.75	10.75	8.33	13.70	9.45		7.48	10.79	9.80

Heat 2

date 20-Apr-14 wind 1.9 m/s

Matsuo (2014) - research on athlete performance and technique- 2014 data book

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tsukahara, Naoki (JPN) (1985)	time	1.91	2.97	3.93	4.85	5.76	6.66	7.56	8.47	9.40	10.36	10.36	6 / 1			
reaction time	interval		1.06	0.96	0.92	0.91	0.90	0.90	0.91	0.93	0.96		# of strides	3.93	2.73	2.74
	velocity	5.24	9.43	10.42	10.87	10.99	11.11	11.11	10.99	10.75	10.42	9.65	48.0	7.63	10.99	10.95
Kobayashi, Yuichi (JPN) (1989)	time	1.95	3.04	4.03	4.97	5.90	6.81	7.73	8.65	9.58	10.55	10.55	8 / 7			
reaction time	interval		1.09	0.99	0.94	0.93	0.91	0.92	0.92	0.93	0.97		# of strides	4.03	2.78	2.77
	velocity	5.13	9.17	10.10	10.64	10.75	10.99	10.87	10.87	10.75	10.31	9.48	48.5	7.44	10.79	10.83
Eriguchi, Masashi (JPN) (1988)	time	1.97	3.06	4.03	4.96	5.87	6.79	7.73	8.68	9.67	10.70	10.70	4 / 8			
reaction time	interval		1.09	0.97	0.93	0.91	0.92	0.94	0.95	0.99	1.03		# of strides	4.03	2.76	2.88
	velocity	5.08	9.17	10.31	10.75	10.99	10.87	10.64	10.53	10.10	9.71	9.35	48.0	7.44	10.87	10.42

Heat 1

date 20-Apr-14 wind 1.8 m/s

Matsuo (2014) - research on athlete performance and technique- 2014 data book

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)	time	1.97	3.00	3.95	4.86	5.75	6.63	7.53	8.44	9.36	10.33	10.33	4 / 1			
reaction time	interval		1.03	0.95	0.91	0.89	0.88	0.90	0.91	0.92	0.97		# of strides	3.95	2.68	2.73
	velocity	5.08	9.71	10.53	10.99	11.24	11.36	11.11	10.99	10.87	10.31	9.68	49.5	7.59	11.19	10.99

Oseto, Kazuma (JPN) (1994)	time	1.93	2.99	3.95	4.88	5.79	6.69	7.60	8.52	9.45	10.40	10.40	5 / 2			
reaction time	interval		1.06	0.96	0.93	0.91	0.90	0.91	0.92	0.93	0.95		# of strides	3.95	2.74	2.76
	velocity	5.18	9.43	10.42	10.75	10.99	11.11	10.99	10.87	10.75	10.53	9.62	49.0	7.59	10.95	10.87
Baba, Tomoya (JPN) (1994)	time	1.96	3.05	4.04	5.00	5.95	6.89	7.83	8.79	9.76	10.75	10.75	3 / 7			
reaction time	interval		1.09	0.99	0.96	0.95	0.94	0.94	0.96	0.97	0.99		# of strides	4.04	2.85	2.87
	velocity	5.10	9.17	10.10	10.42	10.53	10.64	10.64	10.42	10.31	10.10	9.30	52.0	7.43	10.53	10.45
Honma, Keisuke (JPN) (1993)	time	2.03	3.13	4.12	5.07	6.02	6.97	7.92	8.88	9.85	10.86	10.86	1 / 8			
reaction time	interval		1.10	0.99	0.95	0.95	0.95	0.95	0.96	0.97	1.01		# of strides	4.12	2.85	2.88
	velocity	4.93	9.09	10.10	10.53	10.53	10.53	10.53	10.42	10.31	9.90	9.21	50.5	7.28	10.53	10.42

2013 IAAF World Championships (Moscow, RUS)

FINAL

date 11-Aug-13 wind -0.3 m/s

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bolt, Usain (JAM) (1986)	0.163	no information available										9.77	6 / 1	# of strides		41.2
Gatlin, Justin (USA) (1982)	0.163	no information available										9.85	5 / 2	# of strides		42.7
Carter, Nesta (JAM) (1985)	0.157	no information available										9.95	8 / 3	# of strides		45.5
Bailey-Cole, Kemar (JAM) (1992)	0.186	no information available										9.98	7 / 4	# of strides		41.7
Ashmeade, Nickel (JAM) (1990)	0.142	no information available										9.98	4 / 5	# of strides		44.7
Rodgers, Mike (USA) (1985)	0.158	no information available										10.04	9 / 6	# of strides		45.0
Lemaitre, Christophe (FRA) (1990)	0.154	no information available										10.06	3 / 7	# of strides		41.5
Dasaolu, James (GBR) (1987)	0.177	no information available										10.21	2 / 8	# of strides		43.7

2013 Japanese National High School Championships (Oita, JPN)

FINAL

date 31-Jul-13 wind 0.1 m/s *Matsuo (2013) - 66th high school championships: JAF scientific committee - biomechanics data collection*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)	time	1.92	2.96	3.91	4.82	5.71	6.59	7.47	8.36	9.27	10.19	10.19	/ 1			
reaction time	interval		1.04	0.95	0.91	0.89	0.88	0.88	0.89	0.91	0.92		# of strides	3.91	2.68	2.68
	velocity	5.21	9.62	10.53	10.99	11.24	11.36	11.36	11.24	10.99	10.87	9.81		7.67	11.19	11.19
Koike, Yuki (JPN) (1995)	time	1.94	3.01	3.97	4.89	5.79	6.69	7.60	8.51	9.44	10.38	10.38	/ 2			
reaction time	interval		1.07	0.96	0.92	0.90	0.90	0.91	0.91	0.93	0.94		# of strides	3.97	2.72	2.75
	velocity	5.15	9.35	10.42	10.87	11.11	11.11	10.99	10.99	10.75	10.64	9.63		7.56	11.03	10.91
Takahashi, Yu (JPN) (1995)	time	1.98	3.07	4.05	4.99	5.91	6.82	7.74	8.66	9.59	10.55	10.55	/ 3			
reaction time	interval		1.09	0.98	0.94	0.92	0.91	0.92	0.92	0.93	0.96	PB	# of strides	4.05	2.77	2.77
	velocity	5.05	9.17	10.20	10.64	10.87	10.99	10.87	10.87	10.75	10.42	9.48		7.41	10.83	10.83
Kawakami, Takuya (JPN) (1995)	time	1.97	3.05	4.03	4.97	5.90	6.82	7.75	8.70	9.65	10.65	10.65	/ 6			
reaction time	interval		1.08	0.98	0.94	0.93	0.92	0.93	0.95	0.95	1.00		# of strides	4.03	2.79	2.83
	velocity	5.08	9.26	10.20	10.64	10.75	10.87	10.75	10.53	10.53	10.00	9.39		7.44	10.75	10.60
Sasaki, Shuya (JPN) (1995)	time	1.93	3.02	4.01	4.96	5.89	6.82	7.76	8.70	9.66	10.65	10.65	/ 7			
reaction time	interval		1.09	0.99	0.95	0.93	0.93	0.94	0.94	0.96	0.99		# of strides	4.01	2.81	2.84
	velocity	5.18	9.17	10.10	10.53	10.75	10.75	10.64	10.64	10.42	10.10	9.39		7.48	10.68	10.56
Okamura, Yukiya (JPN) (1996)	time	2.01	3.09	4.08	5.03	5.96	6.89	7.83	8.76	9.70	10.67	10.67	/ 8			
reaction time	interval		1.08	0.99	0.95	0.93	0.93	0.94	0.93	0.94	0.97		# of strides	4.08	2.81	2.81
	velocity	4.98	9.26	10.10	10.53	10.75	10.75	10.64	10.75	10.64	10.31	9.37		7.35	10.68	10.68

2013 Windsprint (Sundsvall, SWE)

A FINAL

date 28-Jul-13 wind 3.0 m/s *(2013) - www.ssg.se/windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Saidy Ndure, Jaysuma (NOR) (199	time			3.90			6.49		8.20		9.95	9.95	5 / 1			
reaction time	interval						2.59		1.71		1.75		# of strides	3.90	2.59	
	velocity			7.69			11.58		11.70		11.43	10.05	42.5	7.69	11.58	
Forte, Julian (JAM) (1993)	time			3.90			6.49		8.20		9.98	9.98	4 / 2			
reaction time	interval						2.59		1.71		1.78		# of strides	3.90	2.59	
	velocity			7.69			11.58		11.70		11.24	10.02	44.5	7.69	11.58	
Fisher, Andrew (JAM) (1991)	time			3.90			6.54		8.31		10.16	10.16	6 / 3			
reaction time	interval						2.64		1.77		1.85		# of strides	3.90	2.64	
	velocity			7.69			11.36		11.30		10.81	9.84	44.5	7.69	11.36	
Engel, Roscoe (RSA) (1989)	time			4.02			6.68		8.43		10.20	10.20	8 / 4			
reaction time	interval						2.66		1.75		1.77		# of strides	4.02	2.66	
	velocity			7.46			11.28		11.43		11.30	9.80	44.5	7.46	11.28	
Magakwe, Simon (RSA) (1985)	time			4.01			6.66		8.43		10.24	10.24	7 / 5			
reaction time	interval						2.65		1.77		1.81		# of strides	4.01	2.65	
	velocity			7.48			11.32		11.30		11.05	9.77	46.0	7.48	11.32	
Dreyer, Hannes (RSA) (1985)	time			3.94			6.65		8.45		10.30	10.30	3 / 6			

WR = World Rec. AR = Area Rec. OR = Olympic Rec. CR = Championship Rec. NR = National Rec. PB = Personal Best DQ = Disqualified DV = Drug Violation

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
reaction time	interval						2.71		1.80		1.85		# of strides	3.94	2.71	
	velocity			7.61			11.07		11.11		10.81	9.71	47.0	7.61	11.07	
Kling-Baptiste, Tom (SWE) (1990)	time			3.99			6.69		8.50		10.35	10.35	2 / 7			
reaction time	interval						2.70		1.81		1.85		# of strides	3.99	2.70	
	velocity			7.52			11.11		11.05		10.81	9.66	47.5	7.52	11.11	
Groth, Joel (SWE) (1991)	time			4.14			6.89		8.70		10.58	10.58	1 / 8			
reaction time	interval						2.75		1.81		1.88		# of strides	4.14	2.75	
	velocity			7.25			10.91		11.05		10.64	9.45	44.7	7.25	10.91	

B FINAL

date 28-Jul-13 wind 1.1 m/s *(2013) - www.ssg.se/windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tärnhuvud, Stefan (SWE) (1985)	time			4.07			6.82		8.67		10.57	10.57	3 / 1			
reaction time	interval						2.75		1.85		1.90		# of strides	4.07	2.75	
	velocity			7.37			10.91		10.81		10.53	9.46		7.37	10.91	
Bah, Sulayman (GAM) (1986)	time			4.10			6.88		8.73		10.65	10.65	4 / 2			
reaction time	interval						2.78		1.85		1.92		# of strides	4.10	2.78	
	velocity			7.32			10.79		10.81		10.42	9.39		7.32	10.79	
Sennung, David (SWE) (1991)	time			4.07			6.86		8.73		10.67	10.67	2 / 3			
reaction time	interval						2.79		1.87		1.94		# of strides	4.07	2.79	
	velocity			7.37			10.75		10.70		10.31	9.37		7.37	10.75	
Skoglund, Björn (SWE) (1991)	time			4.10			6.89		8.76		10.70	10.70	8 / 4			
reaction time	interval						2.79		1.87		1.94		# of strides	4.10	2.79	
	velocity			7.32			10.75		10.70		10.31	9.35		7.32	10.75	
Lysne, Torbjörn (NOR) (1990)	time			4.20			7.01		8.86		10.77	10.77	1 / 5			
reaction time	interval						2.81		1.85		1.91	PB	# of strides	4.20	2.81	
	velocity			7.14			10.68		10.81		10.47	9.29		7.14	10.68	
Andersson, Patrick (SWE) (1991)	time			4.13			6.96		8.86		10.86	10.86	6 / 6			
reaction time	interval						2.83		1.90		2.00		# of strides	4.13	2.83	
	velocity			7.26			10.60		10.53		10.00	9.21		7.26	10.60	
Engwall, Andreas (SWE) (1992)	time			4.13			6.98		8.89		10.88	10.88	7 / 7			
reaction time	interval						2.85		1.91		1.99		# of strides	4.13	2.85	
	velocity			7.26			10.53		10.47		10.05	9.19		7.26	10.53	
Zirignon, Jean Christian (SWE) (1	time			4.13			6.97		8.88		10.89	10.89	5 / 8			
reaction time	interval						2.84		1.91		2.01		# of strides	4.13	2.84	
	velocity			7.26			10.56		10.47		9.95	9.18		7.26	10.56	

C FINAL

date 28-Jul-13 wind 1.7 m/s *(2013) - www.ssg.se/windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ojuri, Sunday (SWE) (1993)	time			4.13			6.92		8.76		10.65	10.65	5 / 1			
reaction time	interval						2.79		1.84		1.89	PB	# of strides	4.13	2.79	
	velocity			7.26			10.75		10.87		10.58	9.39		7.26	10.75	
Brusenback, Chris (SWE) (1993)	time			4.13			6.94		8.83		10.80	10.80	2 / 2			
reaction time	interval						2.81		1.89		1.97		# of strides	4.13	2.81	
	velocity			7.26			10.68		10.58		10.15	9.26		7.26	10.68	
Armfeldt, Carl (SWE) (1984)	time			4.13			6.96		8.85		10.81	10.81	4 / 3			
reaction time	interval						2.83		1.89		1.96		# of strides	4.13	2.83	
	velocity			7.26			10.60		10.58		10.20	9.25		7.26	10.60	
Nordkvist, Robin (SWE) (1993)	time			4.17			7.01		8.93		10.92	10.92	7 / 4			
reaction time	interval						2.84		1.92		1.99		# of strides	4.17	2.84	
	velocity			7.19			10.56		10.42		10.05	9.16		7.19	10.56	

D FINAL

date 28-Jul-13 wind 1.7 m/s *(2013) - www.ssg.se/windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Karlsson, Alexander (NOR) (1988)	time			4.13			6.96		8.84		10.76	10.76	5 / 1			
reaction time	interval						2.83		1.88		1.92	PB	# of strides	4.13	2.83	
	velocity			7.26			10.60		10.64		10.42	9.29		7.26	10.60	
Johnsen, Henrik (NOR) (1986)	time			4.07			6.91		8.82		10.80	10.80	1 / 2			
reaction time	interval						2.84		1.91		1.98		# of strides	4.07	2.84	
	velocity			7.37			10.56		10.47		10.10	9.26		7.37	10.56	
Lilja, Johan (SWE) (1995)	time			4.18			7.03		8.92		10.88	10.88	3 / 3			
reaction time	interval						2.85		1.89		1.96		# of strides	4.18	2.85	
	velocity			7.18			10.53		10.58		10.20	9.19		7.18	10.53	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Kåstad, Martin (NOR) (1990)	time		4.17		7.05	8.95	10.89	10.89	4 / 4			
reaction time	interval				2.88	1.90	1.94		# of strides	4.17	2.88	
	velocity		7.19		10.42	10.53	10.31	9.18		7.19	10.42	
Storhaug, Lars Jøran (NOR) (1989	time		4.19		7.06	8.96	10.95	10.95	6 / 5			
reaction time	interval				2.87	1.90	1.99		# of strides	4.19	2.87	
	velocity		7.16		10.45	10.53	10.05	9.13		7.16	10.45	
Carlsson, Tobias (SWE) (1991)	time		4.18		7.13	9.11	11.12	11.12	7 / 6			
reaction time	interval				2.95	1.98	2.01		# of strides	4.18	2.95	
	velocity		7.18		10.17	10.10	9.95	8.99		7.18	10.17	
Nordmark, Daniel (SWE) (1993)	time		4.22		7.17	9.13	11.21	11.21	2 / 7			
reaction time	interval				2.95	1.96	2.08		# of strides	4.22	2.95	
	velocity		7.11		10.17	10.20	9.62	8.92		7.11	10.17	

E FINAL

date 28-Jul-13 wind 2.8 m/s *(2013) - www.ssg.se/windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Pettersen, Even (NOR) (1993)	time			4.14			6.96		8.84		10.77	10.77	8 / 1			
reaction time	interval						2.82		1.88		1.93		# of strides	4.14	2.82	
	velocity			7.25			10.64		10.64		10.36	9.29		7.25	10.64	
Thorshaug, Erik (NOR) (1987)	time			4.14			7.02		8.92		10.84	10.84	3 / 2			
reaction time	interval						2.88		1.90		1.92		# of strides	4.14	2.88	
	velocity			7.25			10.42		10.53		10.42	9.23		7.25	10.42	
Waltersson, Jonathan (SWE) (198	time			4.19			7.05		8.93		10.89	10.89	6 / 3			
reaction time	interval						2.86		1.88		1.96		# of strides	4.19	2.86	
	velocity			7.16			10.49		10.64		10.20	9.18		7.16	10.49	
Buhagen, Kristoffer (NOR) (1992)	time			4.14			6.99		8.92		10.91	10.91	5 / 4			
reaction time	interval						2.85		1.93		1.99		# of strides	4.14	2.85	
	velocity			7.25			10.53		10.36		10.05	9.17		7.25	10.53	
Winger, Alexander (SWE) (1989)	time			4.20			7.08		9.00		10.95	10.95	7 / 5			
reaction time	interval						2.88		1.92		1.95		# of strides	4.20	2.88	
	velocity			7.14			10.42		10.42		10.26	9.13		7.14	10.42	
Forsberg, Johan (SWE) (1992)	time			4.20			7.12		9.07		11.12	11.12	4 / 6			
reaction time	interval						2.92		1.95		2.05		# of strides	4.20	2.92	
	velocity			7.14			10.27		10.26		9.76	8.99		7.14	10.27	
Helsing, Yonathan (SWE) (1998)	time			4.29			7.20		9.13		11.14	11.14	1 / 7			
reaction time	interval						2.91		1.93		2.01		# of strides	4.29	2.91	
	velocity			6.99			10.31		10.36		9.95	8.98		6.99	10.31	
Johansson, Oscar (SWE) (1992)	time			4.20			7.15		9.12		11.16	11.16	2 / 8			
reaction time	interval						2.95		1.97		2.04		# of strides	4.20	2.95	
	velocity			7.14			10.17		10.15		9.80	8.96		7.14	10.17	

F FINAL

date 28-Jul-13 wind 3.0 m/s *(2013) - www.ssg.se/windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Van Wyk, Isaak (RSA) (1989)	time			4.21			7.12		9.02		10.95	10.95	1 / 1			
reaction time	interval						2.91		1.90		1.93		# of strides	4.21	2.91	
	velocity			7.13			10.31		10.53		10.36	9.13		7.13	10.31	
Grønnhaug, Jonas (NOR) (1989)	time			4.16			7.07		9.01		11.01	11.01	3 / 2			
reaction time	interval						2.91		1.94		2.00		# of strides	4.16	2.91	
	velocity			7.21			10.31		10.31		10.00	9.08		7.21	10.31	
Kjell, Gustav (SWE) (1996)	time			4.21			7.15		9.11		11.10	11.10	2 / 3			
reaction time	interval						2.94		1.96		1.99		# of strides	4.21	2.94	
	velocity			7.13			10.20		10.20		10.05	9.01		7.13	10.20	
Andersen, Andres Stokke (NOR) (	time			4.18			7.09		9.06		11.12	11.12	5 / 4			
reaction time	interval						2.91		1.97		2.06		# of strides	4.18	2.91	
	velocity			7.18			10.31		10.15		9.71	8.99		7.18	10.31	
Rosenberg, Michael (NOR) (1990)	time			4.11			7.07		9.07		11.16	11.16	4 / 5			
reaction time	interval						2.96		2.00		2.09		# of strides	4.11	2.96	
	velocity			7.30			10.14		10.00		9.57	8.96		7.30	10.14	
Thornberg, Nils (SWE) (1994)	time			4.21			7.17		9.14		11.16	11.16	6 / 6			
reaction time	interval						2.96		1.97		2.02		# of strides	4.21	2.96	
	velocity			7.13			10.14		10.15		9.90	8.96		7.13	10.14	

		30m	60m	80m	100m	Lane / Place	0-30m	30-60m
Skancke, Per (NOR) (1992)	time	4.25	7.21	9.19	11.23	8 / 7		
reaction time	interval		2.96	1.98	2.04	# of strides	4.25	2.96
	velocity	7.06	10.14	10.10	9.80		7.06	10.14
Gjertsen, Martin Trondseth (NOR)	time	4.32	7.30	9.27	11.28	7 / 8		
reaction time	interval		2.98	1.97	2.01	# of strides	4.32	2.98
	velocity	6.94	10.07	10.15	9.95		6.94	10.07

G FINAL

date 28-Jul-13 wind 1.9 m/s *(2013) - www.ssg.se/windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ofori, Gilbert (NOR) (1994)	time			4.22			7.14		9.12		11.15	11.15	4 / 1			
reaction time	interval						2.92		1.98		2.03		# of strides	4.22	2.92	
	velocity			7.11			10.27		10.10		9.85	8.97		7.11	10.27	
Jónsson, Óttar (NOR) (1983)	time			4.25			7.21		9.18		11.22	11.22	6 / 2			
reaction time	interval						2.96		1.97		2.04		# of strides	4.25	2.96	
	velocity			7.06			10.14		10.15		9.80	8.91		7.06	10.14	
Gerlach, Mikael (SWE) (1984)	time			4.32			7.31		9.32		11.35	11.35	5 / 3			
reaction time	interval						2.99		2.01		2.03		# of strides	4.32	2.99	
	velocity			6.94			10.03		9.95		9.85	8.81		6.94	10.03	
Näsman, Erik (SWE) (1987)	time			4.31			7.29		9.32		11.46	11.46	3 / 4			
reaction time	interval						2.98		2.03		2.14		# of strides	4.31	2.98	
	velocity			6.96			10.07		9.85		9.35	8.73		6.96	10.07	
Hjelle, Øivind (NOR) (1991)	time			4.24			7.28		9.34		11.50	11.50	7 / 5			
reaction time	interval						3.04		2.06		2.16		# of strides	4.24	3.04	
	velocity			7.08			9.87		9.71		9.26	8.70		7.08	9.87	
Jonsson, Per (SWE) (1988)	time			4.43			7.50		9.57		11.73	11.73	8 / 6			
reaction time	interval						3.07		2.07		2.16		# of strides	4.43	3.07	
	velocity			6.77			9.77		9.66		9.26	8.53		6.77	9.77	

H FINAL

date 28-Jul-13 wind 1.8 m/s *(2013) - www.ssg.se/windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Rask, Jesper (SWE) (1997)	time			4.35			7.39		9.48		11.64	11.64	4 / 1			
reaction time	interval						3.04		2.09		2.16		# of strides	4.35	3.04	
	velocity			6.90			9.87		9.57		9.26	8.59		6.90	9.87	
Hällman, Simon (SWE) (1996)	time			4.51			7.66		9.73		11.83	11.83	5 / 2			
reaction time	interval						3.15		2.07		2.10		# of strides	4.51	3.15	
	velocity			6.65			9.52		9.66		9.52	8.45		6.65	9.52	
Eriksson, Dennis (SWE) (1993)	time			4.60			7.64		9.73		11.89	11.89	6 / 3			
reaction time	interval						3.04		2.09		2.16		# of strides	4.60	3.04	
	velocity			6.52			9.87		9.57		9.26	8.41		6.52	9.87	
Eriksson, Daniel (SWE) (1996)	time			4.53			7.70		9.78		11.98	11.98	7 / 4			
reaction time	interval						3.17		2.08		2.20		# of strides	4.53	3.17	
	velocity			6.62			9.46		9.62		9.09	8.35		6.62	9.46	

Heat 8

date 28-Jul-13 wind 1.8 m/s *(2013) - www.ssg.se/windsprint/Splittider/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Magakwe, Simon (RSA) (1985)	time			4.02			6.72		8.50		10.32	10.32	3 / 1			
reaction time	interval						2.70		1.78		1.82		# of strides	4.02	2.70	
	velocity			7.46			11.11		11.24		10.99	9.69		7.46	11.11	
Nevers, Adolphus (JAM) (1990)	time			3.95			6.65		8.48		10.32	10.32	8 / 2			
reaction time	interval						2.70		1.83		1.84		# of strides	3.95	2.70	
	velocity			7.59			11.11		10.93		10.87	9.69		7.59	11.11	
Engel, Roscoe (RSA) (1989)	time			4.07			6.77		8.54		10.34	10.34	2 / 3			
reaction time	interval						2.70		1.77		1.80		# of strides	4.07	2.70	
	velocity			7.37			11.11		11.30		11.11	9.67		7.37	11.11	
Dreyer, Hannes (RSA) (1985)	time			3.99			6.71		8.55		10.44	10.44	6 / 4			
reaction time	interval						2.72		1.84		1.89		# of strides	3.99	2.72	
	velocity			7.52			11.03		10.87		10.58	9.58		7.52	11.03	
Kling-Baptiste, Tom (SWE) (1990)	time			4.00			6.75		8.58		10.47	10.47	4 / 5			
reaction time	interval						2.75		1.83		1.89		# of strides	4.00	2.75	
	velocity			7.50			10.91		10.93		10.58	9.55		7.50	10.91	
Tärnhuvud, Stefan (SWE) (1985)	time			4.06			6.79		8.62		10.51	10.51	7 / 6			
reaction time	interval						2.73		1.83		1.89		# of strides	4.06	2.73	

		velocity		7.39		10.99	10.93	10.58	9.51		7.39	10.99	
Brorsson, Alexander (SWE) (1990)		time		4.00		6.74	8.56	10.63	10.63	5 / 7			
	reaction time	interval				2.74	1.82	2.07		# of strides	4.00	2.74	
		velocity		7.50		10.95	10.99	9.66	9.41		7.50	10.95	
Brusenback, Chris (SWE) (1993)		time		4.12		6.98	8.92	10.92	10.92	1 / 8			
	reaction time	interval				2.86	1.94	2.00		# of strides	4.12	2.86	
		velocity		7.28		10.49	10.31	10.00	9.16		7.28	10.49	

2013 Czech Republic National Championships (Tábor, CZE)

FINAL

date 15-Jun-13 wind 0.8 m/s

Feher (2013) - Final report from the men's & women's Czech Republic national championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Stromšík, Zdenek (CZE) (1994)		time	1.96	2.98	3.95	4.86	5.75	6.63	7.53	8.44	9.38	10.32	10.32	4 / 1			
	reaction time 0.139	interval		1.02	0.97	0.91	0.89	0.88	0.90	0.91	0.94	0.94	NJR	# of strides	3.95	2.68	2.75
		velocity	5.10	9.80	10.31	10.99	11.24	11.36	11.11	10.99	10.64	10.64	9.69		7.59	11.19	10.91
Maslák, Pavel (CZE) (1991)		time	1.96	3.00	3.99	4.91	5.82	6.70	7.59	8.50	9.42	10.36	10.36	3 / 2			
	reaction time 0.156	interval		1.04	0.99	0.92	0.91	0.88	0.89	0.91	0.92	0.94	PB	# of strides	3.99	2.71	2.72
		velocity	5.10	9.62	10.10	10.87	10.99	11.36	11.24	10.99	10.87	10.64	9.65		7.52	11.07	11.03
Bakalár, Marek (CZE) (1995)		time	1.97	2.98	3.97	4.87	5.78	6.67	7.58	8.51	9.46	10.44	10.44	5 / 3			
	reaction time 0.148	interval		1.01	0.99	0.90	0.91	0.89	0.91	0.93	0.95	0.98	PB	# of strides	3.97	2.70	2.79
		velocity	5.08	9.90	10.10	11.11	10.99	11.24	10.99	10.75	10.53	10.20	9.58		7.56	11.11	10.75
Zich, Václav (CZE) (1990)		time	1.99	3.07	4.05	5.00	5.93	6.85	7.77	8.70	9.65	10.62	10.62	7 / 4			
	reaction time 0.156	interval		1.08	0.98	0.95	0.93	0.92	0.92	0.93	0.95	0.97		# of strides	4.05	2.80	2.80
		velocity	5.03	9.26	10.20	10.53	10.75	10.87	10.87	10.75	10.53	10.31	9.42		7.41	10.71	10.71
Šulc, Rostislav (CZE) (1981)		time	2.06	3.16	4.16	5.12	6.06	6.98	7.90	8.83	9.78	10.76	10.76	8 / 5			
	reaction time 0.174	interval		1.10	1.00	0.96	0.94	0.92	0.92	0.93	0.95	0.98		# of strides	4.16	2.82	2.80
		velocity	4.85	9.09	10.00	10.42	10.64	10.87	10.87	10.75	10.53	10.20	9.29		7.21	10.64	10.71
Benda, Ondrej (CZE) (1985)		time	2.05	3.15	4.15	5.11	6.06	6.99	7.93	8.87	9.84	10.83	10.83	2 / 6			
	reaction time 0.174	interval		1.10	1.00	0.96	0.95	0.93	0.94	0.94	0.97	0.99		# of strides	4.15	2.84	2.85
		velocity	4.88	9.09	10.00	10.42	10.53	10.75	10.64	10.64	10.31	10.10	9.23		7.23	10.56	10.53
Říčar, Martin (CZE) (1991)		time	2.03	3.10	4.12	5.08	6.03	6.97	7.92	8.87	9.85	10.86	10.86	1 / 7			
	reaction time 0.144	interval		1.07	1.02	0.96	0.95	0.94	0.95	0.95	0.98	1.01		# of strides	4.12	2.85	2.88
		velocity	4.93	9.35	9.80	10.42	10.53	10.64	10.53	10.53	10.20	9.90	9.21		7.28	10.53	10.42

Heat 3

date 15-Jun-13 wind -1.2 m/s

Feher (2013) - Final report from the men's & women's Czech Republic national championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bakalár, Marek (CZE) (1995)		time		3.03		4.95		6.78		8.65		10.59	10.59	4 / 1			
	reaction time 0.140	interval				1.92		1.83		1.87		1.94		# of strides			
		velocity		6.60		10.42		10.93		10.70		10.31	9.44				
Zich, Václav (CZE) (1990)		time		3.05		5.01		6.85		8.73		10.65	10.65	5 / 2			
	reaction time 0.138	interval				1.96		1.84		1.88		1.92		# of strides			
		velocity		6.56		10.20		10.87		10.64		10.42	9.39				
Ondráček, Jan (CZE) (1988)		time		3.17		5.18		7.07		8.99		10.96	10.96	6 / 3			
	reaction time 0.146	interval				2.01		1.89		1.92		1.97		# of strides			
		velocity		6.31		9.95		10.58		10.42		10.15	9.12				
Netymach, Vojtech (CZE) (1995)		time		3.01		5.01		6.91		8.90		10.97	10.97	3 / 4			
	reaction time 0.142	interval				2.00		1.90		1.99		2.07		# of strides			
		velocity		6.64		10.00		10.53		10.05		9.66	9.12				
Jonáš, Tomáš (CZE) (1994)		time		3.12		5.13		7.07		9.04		11.11	11.11	7 / 5			
	reaction time 0.136	interval				2.01		1.94		1.97		2.07		# of strides			
		velocity		6.41		9.95		10.31		10.15		9.66	9.00				
Feher, Jan (CZE) (1986)		time		3.15		5.22		7.18		9.18		11.21	11.21	2 / 6			
	reaction time 0.148	interval				2.07		1.96		2.00		2.03		# of strides			
		velocity		6.35		9.66		10.20		10.00		9.85	8.92				
Lecjaks, Martin (CZE) (1990)		time		3.20		5.25		7.22		9.23		11.34	11.34	8 / 7			
	reaction time 0.162	interval				2.05		1.97		2.01		2.11		# of strides			
		velocity		6.25		9.76		10.15		9.95		9.48	8.82				
Novák, Luboš (CZE) (1988)		time		3.21		5.29		7.28		9.32		11.42	11.42	1 / 8			
	reaction time 0.137	interval				2.08		1.99		2.04		2.10		# of strides			
		velocity		6.23		9.62		10.05		9.80		9.52	8.76				

Heat 2

date 15-Jun-13 wind -3.2 m/s

Feher (2013) - Final report from the men's & women's Czech Republic national championships

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Maslák, Pavel (CZE) (1991)	time		3.06		4.99		6.83		8.70		10.64	10.64	4 / 1			
reaction time 0.159	interval				1.93		1.84		1.87		1.94		# of strides			
	velocity		6.54		10.36		10.87		10.70		10.31	9.40				
Šulc, Rostislav (CZE) (1981)	time		3.11		5.08		6.97		8.89		10.91	10.91	5 / 2			
reaction time 0.152	interval				1.97		1.89		1.92		2.02		# of strides			
	velocity		6.43		10.15		10.58		10.42		9.90	9.17				
Milo, Lukáš (CZE) (1983)	time		3.06		5.03		6.93		8.90		10.95	10.95	6 / 3			
reaction time 0.124	interval				1.97		1.90		1.97		2.05		# of strides			
	velocity		6.54		10.15		10.53		10.15		9.76	9.13				
Petrák, Miloslav (CZE) (1993)	time		3.04		5.02		6.94		8.93		11.00	11.00	7 / 4			
reaction time 0.140	interval				1.98		1.92		1.99		2.07		# of strides			
	velocity		6.58		10.10		10.42		10.05		9.66	9.09				
Nohava, Vojtech (CZE) (1992)	time		3.09		5.09		7.01		8.99		11.00	11.00	3 / 5			
reaction time 0.129	interval				2.00		1.92		1.98		2.01		# of strides			
	velocity		6.47		10.00		10.42		10.10		9.95	9.09				
Svoboda, Vojtech (CZE) (1995)	time		3.15		5.19		7.14		9.15		11.23	11.23	2 / 6			
reaction time 0.139	interval				2.04		1.95		2.01		2.08		# of strides			
	velocity		6.35		9.80		10.26		9.95		9.62	8.90				
Feigel, Jirí (CZE) (1997)	time		3.17		5.18		7.13		9.15		11.23	11.23	1 / 7			
reaction time 0.177	interval				2.01		1.95		2.02		2.08		# of strides			
	velocity		6.31		9.95		10.26		9.90		9.62	8.90				
Kuta, Radim (CZE) (1990)	time		3.23		5.28		7.25		9.31		11.41	11.41	8 / 8			
reaction time 0.180	interval				2.05		1.97		2.06		2.10		# of strides			
	velocity		6.19		9.76		10.15		9.71		9.52	8.76				

Heat 1

date 15-Jun-13 wind 1.4 m/s

Feher (2013) - Final report from the men's & women's Czech Republic national championships

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Stromšík, Zdenek (CZE) (1994)	time		2.99		4.87		6.68		8.50		10.36	10.36	4 / 1			
reaction time 0.152	interval				1.88		1.81		1.82		1.86	NJR	# of strides			
	velocity		6.69		10.64		11.05		10.99		10.75	9.65				
Kadlec, Marcel (CZE) (1994)	time		3.05		4.95		6.78		8.65		10.58	10.58	5 / 2			
reaction time 0.173	interval				1.90		1.83		1.87		1.93	PB	# of strides			
	velocity		6.56		10.53		10.93		10.70		10.36	9.45				
Benda, Ondrej (CZE) (1985)	time		3.11		5.06		6.95		8.86		10.84	10.84	3 / 3			
reaction time 0.169	interval				1.95		1.89		1.91		1.98		# of strides			
	velocity		6.43		10.26		10.58		10.47		10.10	9.23				
Říčar, Martin (CZE) (1991)	time		3.10		5.06		6.95		8.87		10.86	10.86	2 / 4			
reaction time 0.121	interval				1.96		1.89		1.92		1.99		# of strides			
	velocity		6.45		10.20		10.58		10.42		10.05	9.21				
Sobotka, Ondrej (CZE) (1989)	time		3.17		5.15		7.05		8.98		10.96	10.96	6 / 5			
reaction time 0.152	interval				1.98		1.90		1.93		1.98		# of strides			
	velocity		6.31		10.10		10.53		10.36		10.10	9.12				
Kuptik, Ondrej (CZE) (1991)	time		3.17		5.14		7.05		9.00		11.01	11.01	8 / 6			
reaction time 0.201	interval				1.97		1.91		1.95		2.01		# of strides			
	velocity		6.31		10.15		10.47		10.26		9.95	9.08				
Klvana, Filip (CZE) (1977)	time		3.15		5.18		7.14		9.11		11.15	11.15	7 / 7			
reaction time 0.131	interval				2.03		1.96		1.97		2.04		# of strides			
	velocity		6.35		9.85		10.20		10.15		9.80	8.97				
Macháček, Martin (CZE) (1990)	time		3.13		5.15		7.11		9.12		11.17	11.17	1 / 8			
reaction time 0.166	interval				2.02		1.96		2.01		2.05		# of strides			
	velocity		6.39		9.90		10.20		9.95		9.76	8.95				

2013 Japanese National Championships (Chofu, JPN)

Heat 1

date 07-Jun-13 wind 0.3 m/s

Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kawatsura, Sota (JPN) (1989)	time	1.88	2.95	3.91	4.83	5.74	6.65	7.55	8.47	9.39	10.33	10.33	9 / 2			
reaction time	interval		1.07	0.96	0.92	0.91	0.91	0.90	0.92	0.92	0.94		# of strides	3.91	2.74	2.74
	velocity	5.32	9.35	10.42	10.87	10.99	10.99	11.11	10.87	10.87	10.64	9.68	50.0	7.67	10.95	10.95

2013 Japanese Multi-Event National Championships (Nagano, JPN)

Decathlon - Heat 2

date 01-Jun-13 wind -2.8 m/s

Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.07	3.21	4.26	5.28	6.30	7.33	8.37	9.42	10.49	11.58	11.58	7 / 5			
reaction time	interval		1.14	1.05	1.02	1.02	1.03	1.04	1.05	1.07	1.09		# of strides	4.26	3.07	3.16
	velocity	4.83	8.77	9.52	9.80	9.80	9.71	9.62	9.52	9.35	9.17	8.64		7.04	9.77	9.49

Decathlon - Heat 1

date 01-Jun-13 wind -4.3 m/s

Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)	time	1.99	3.09	4.12	5.13	6.12	7.11	8.10	9.09	10.10	11.12	11.12	7 / 2			
reaction time	interval		1.10	1.03	1.01	0.99	0.99	0.99	0.99	1.01	1.02		# of strides	4.12	2.99	2.99
	velocity	5.03	9.09	9.71	9.90	10.10	10.10	10.10	10.10	9.90	9.80	8.99		7.28	10.03	10.03

2013 Mikio Oda Memorial (Hiroshima, JPN)

FINAL

date 29-Apr-13 wind 2.7 m/s

Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)	time	1.89	2.92	3.84	4.72	5.58	6.44	7.30	8.18	9.09	10.03	10.03	4 / 1			
reaction time	interval		1.03	0.92	0.88	0.86	0.86	0.86	0.88	0.91	0.94		# of strides	3.84	2.60	2.65
	velocity	5.29	9.71	10.87	11.36	11.63	11.63	11.63	11.36	10.99	10.64	9.97	47.0	7.81	11.54	11.32
Yamagata, Ryota (JPN) (1992)	time	1.88	2.91	3.83	4.72	5.59	6.45	7.32	8.21	9.11	10.04	10.04	5 / 2			
reaction time	interval		1.03	0.92	0.89	0.87	0.86	0.87	0.89	0.90	0.93		# of strides	3.83	2.62	2.66
	velocity	5.32	9.71	10.87	11.24	11.49	11.63	11.49	11.24	11.11	10.75	9.96	47.5	7.83	11.45	11.28
Eriguchi, Masashi (JPN) (1988)	time	1.89	2.92	3.86	4.75	5.63	6.51	7.38	8.28	9.20	10.15	10.15	3 / 3			
reaction time	interval		1.03	0.94	0.89	0.88	0.88	0.87	0.90	0.92	0.95		# of strides	3.86	2.65	2.69
	velocity	5.29	9.71	10.64	11.24	11.36	11.36	11.49	11.11	10.87	10.53	9.85	48.0	7.77	11.32	11.15

Heat 3

date 29-Apr-13 wind 0.9 m/s

Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kiryu, Yoshihide (JPN) (1995)	time	1.89	2.90	3.81	4.69	5.55	6.41	7.27	8.15	9.06	10.01	10.01	3 / 1			
reaction time	interval		1.01	0.91	0.88	0.86	0.86	0.86	0.88	0.91	0.95	PB	# of strides	3.81	2.60	2.65
	velocity	5.29	9.90	10.99	11.36	11.63	11.63	11.63	11.36	10.99	10.53	9.99	47.3	7.87	11.54	11.32
Takase, Kei (JPN) (1988)	time	1.92	2.96	3.90	4.80	5.70	6.58	7.47	8.38	9.30	10.23	10.23	8 / 2			
reaction time	interval		1.04	0.94	0.90	0.90	0.88	0.89	0.91	0.92	0.93	PB	# of strides	3.90	2.68	2.72
	velocity	5.21	9.62	10.64	11.11	11.11	11.36	11.24	10.99	10.87	10.75	9.78	47.0	7.69	11.19	11.03
Iizuka, Shota (JPN) (1991)	time	1.92	2.98	3.94	4.84	5.73	6.62	7.51	8.41	9.33	10.28	10.28	4 / 3			
reaction time	interval		1.06	0.96	0.90	0.89	0.89	0.89	0.90	0.92	0.95	PB	# of strides	3.94	2.68	2.71
	velocity	5.21	9.43	10.42	11.11	11.24	11.24	11.24	11.11	10.87	10.53	9.73	47.2	7.61	11.19	11.07

2013 Wakayama Athletics Meeting (Wakayama, JPN)

Decathlon - Heat 2

date 26-Apr-13 wind 1.0 m/s

Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.09	3.24	4.29	5.29	6.30	7.30	8.32	9.35	10.39	11.47	11.47	5 / 7			
reaction time	interval		1.15	1.05	1.00	1.01	1.00	1.02	1.03	1.04	1.08		# of strides	4.29	3.01	3.09
	velocity	4.78	8.70	9.52	10.00	9.90	10.00	9.80	9.71	9.62	9.26	8.72		6.99	9.97	9.71

Decathlon - Heat 1

date 26-Apr-13 wind -1.5 m/s

Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)	time	2.00	3.08	4.07	5.02	5.96	6.90	7.84	8.79	9.75	10.75	10.75	5 / 2			
reaction time	interval		1.08	0.99	0.95	0.94	0.94	0.94	0.95	0.96	1.00		# of strides	4.07	2.83	2.85
	velocity	5.00	9.26	10.10	10.53	10.64	10.64	10.64	10.53	10.42	10.00	9.30		7.37	10.60	10.53

2013 European Indoor Championships (Göteborg, SWE)

FINAL

date 02-Mar-13

Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m
Vicaut, Jimmy (FRA) (1992)	time		2.91		4.74		6.48	6.48	6 / 1		
reaction time 0.153	interval				1.83		1.74	PB	# of strides		
	velocity		6.87		10.93		11.49	9.26	29.7		
Dasaolu, James (GBR) (1987)	time		2.91		4.74		6.48	6.48	5 / 2		
reaction time 0.151	interval				1.83		1.74	PB	# of strides		
	velocity		6.87		10.93		11.49	9.26	28.0		
Tumi, Michael (ITA) (1990)	time		2.91		4.75		6.52	6.52	3 / 3		
reaction time 0.160	interval				1.84		1.77		# of strides		
	velocity		6.87		10.87		11.30	9.20	29.2		
Saidy Ndure, Jaysuma (NOR) (199	time		2.95		4.82		6.61	6.61	4 / 4		
reaction time 0.149	interval				1.87		1.79		# of strides		
	velocity		6.78		10.70		11.17	9.08	27.7		
Rose, Odain (SWE) (1992)	time		2.92		4.79		6.62	6.62	8 / 5		
reaction time 0.147	interval				1.87		1.83	PB	# of strides		
	velocity		6.85		10.70		10.93	9.06	29.0		

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Reus, Julian (GER) (1988)		time		2.94		4.82		6.62				6.62	1 / 6			
reaction time	1.370	interval				1.88		1.80					# of strides			
		velocity		6.80		10.64		11.11				9.06	29.7			
Aikines-Aryeetey, Harry (GBR) (19		time		2.97		4.84		6.63				6.63	7 / 7			
reaction time	0.150	interval				1.87		1.79					# of strides			
		velocity		6.73		10.70		11.17				9.05	28.7			
Biron, Emmanuel (FRA) (1988)		time		2.95		4.83		6.63				6.63	2 / 8			
reaction time	0.151	interval				1.88		1.80					# of strides			
		velocity		6.78		10.64		11.11				9.05	29.0			

Semi-Final 1

date 02-Mar-13

Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx

			10m	20m	30m	40m	50m	60m				Official Time	Lane / Place	0-30m	30-60m	
Tärnhuvud, Stefan (SWE) (1985)		time		2.98		4.86		6.67				6.67	8 / 6			
reaction time	0.145	interval				1.88		1.81				PB	# of strides			
		velocity		6.71		10.64		11.05				9.00	31.0			
Kling-Baptiste, Tom (SWE) (1990)		time		2.98		4.89		6.73				6.73	2 / 7			
reaction time	0.143	interval				1.91		1.84					# of strides			
		velocity		6.71		10.47		10.87				8.92	27.2			

2012 Kokutai National Sport Festival (Gifu, JPN)

Semi-Final 2

date 06-Oct-12 wind 1.4 m/s

Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Motoshio, Ryo (JPN) (1990)		time	1.91	2.97	3.92	4.84	5.74	6.64	7.54	8.45	9.37	10.31	10.31	4 / 1			
reaction time		interval		1.06	0.95	0.92	0.90	0.90	0.90	0.91	0.92	0.94	PB	# of strides	3.92	2.72	2.73
		velocity	5.24	9.43	10.53	10.87	11.11	11.11	11.11	10.99	10.87	10.64	9.70	45.2	7.65	11.03	10.99

2012 Olympic Games (London, GBR)

Decathlon - Heat 2

date 08-Aug-12 wind 0.7 m/s

Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)		time	1.99	3.14	4.19	5.20	6.19	7.18	8.19	9.21	10.25	11.32	11.32	8 / 5			
reaction time	0.183	interval		1.15	1.05	1.01	0.99	0.99	1.01	1.02	1.04	1.07		# of strides	4.19	2.99	3.07
		velocity	5.03	8.70	9.52	9.90	10.10	10.10	9.90	9.80	9.62	9.35	8.83	46.7	7.16	10.03	9.77

Vazel (2020) - https://twitter.com/pjvazel/status/1297188878311284745?s=21

Zhang (2016) - analysis on the winning factors of the men's 100m race at the 30th Olympic Games

FINAL

date 05-Aug-12 wind 1.5 m/s

Maćkala (2013) - a kinematics analysis of three best 100m performances ever

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bolt, Usain (JAM) (1986)		time	1.91	2.92	3.84	4.70	5.54	6.36	7.17	7.98	8.80	9.63	9.63	7 / 1		*Maćkala (2013)*	
reaction time	0.165	interval		1.01	0.92	0.86	0.84	0.82	0.81	0.81	0.82	0.83	OR	# of strides	3.84	2.52	2.44
		velocity	5.24	9.90	10.87	11.63	11.90	12.20	12.35	12.35	12.20	12.05	10.38	41.0	7.81	11.90	12.30
Blake, Yohan (JAM) (1989)		time	1.83	2.86	3.76	4.61	5.47	6.32	7.16	8.01	8.87	9.75	9.75	5 / 2		*Zhang (2016)*	
reaction time	0.179	interval		1.03	0.90	0.85	0.86	0.85	0.84	0.85	0.86	0.88	=PB	# of strides	3.76	2.56	2.55
		velocity	5.46	9.71	11.11	11.76	11.63	11.76	11.90	11.76	11.63	11.36	10.26	45.7	7.98	11.72	11.76
Gatlin, Justin (USA) (1982)		time			3.80			6.37		8.05		9.79	9.79	6 / 3		*Vazel (2020)*	
reaction time	0.178	interval						2.57		1.68		1.74	PB	# of strides	3.80	2.57	
		velocity			7.89			11.67		11.90		11.49	10.21	42.2	7.89	11.67	

Tyson, Gay (USA) (1982)	0.145	no information available	DQ	9.80	4 / ~~4~~	# of strides 45.2
Bailey, Ryan (USA) (1989)	0.176	no information available	PB	9.88	8 / ~~5~~ 4	# of strides 43.2
Martina, Churandy (NED) (1984)	0.139	no information available		9.94	9 / ~~6~~ 5	# of strides 45.5
Thompson, Richard (TRI) (1985)	0.160	no information available		9.98	2 / ~~7~~ 6	# of strides 44.0

Powell, Asafa (JAM) (1982)		time	1.85	2.86	3.75	4.60	5.46						11.99	3 / ~~8~~ 7		*Zhang (2016)*	
reaction time	0.155	interval		1.01	0.89	0.85	0.86							# of strides	3.75		
		velocity	5.41	9.90	11.24	11.76	11.63						8.34		8.00		

2012 Japanese National High School Championships (Niigata, JPN)

FINAL

date 30-Jul-12 wind 0.0 m/s

Yasunori (2012) - 65th high school championships: JAF scientific committee - biomechanics data collection

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Oseto, Kazuma (JPN) (1994)		time					5.81	6.69	7.61	8.54	9.49	10.47	10.47	4 / 1			
reaction time		interval						0.88	0.92	0.93	0.95	0.98		# of strides			2.80
		velocity					8.61	11.36	10.87	10.75	10.53	10.20	9.55				10.71
Hashimoto, Akiyuki (JPN) (1994)		time					5.85	6.75	7.65	8.59	9.53	10.50	10.50	7 / 2			
reaction time		interval						0.90	0.90	0.94	0.94	0.97		# of strides			2.78
		velocity					8.55	11.11	11.11	10.64	10.64	10.31	9.52				10.79
Sanuki, Nariyoshi (JPN) (1994)		time					5.89	6.79	7.70	8.65	9.60	10.59	10.59	6 / 3			
reaction time		interval						0.90	0.91	0.95	0.95	0.99		# of strides			2.81
		velocity					8.49	11.11	10.99	10.53	10.53	10.10	9.44				10.68

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Kiryu, Yoshihide (JPN) (1995)	time	5.86	6.76	7.69	8.64	9.61	10.63	10.63	5 / 4			
reaction time	interval		0.90	0.93	0.95	0.97	1.02		# of strides	2.85		
	velocity	8.53	11.11	10.75	10.53	10.31	9.80	9.41		10.53		
Kanamori, Kazuki (JPN) (1994)	time	5.93	6.84	7.76	8.71	9.66	10.63	10.63	3 / 5			
reaction time	interval		0.91	0.92	0.95	0.95	0.97		# of strides	2.82		
	velocity	8.43	10.99	10.87	10.53	10.53	10.31	9.41		10.64		
Uozato, Yusuke (JPN) (1994)	time	5.92	6.83	7.75	8.70	9.66	10.65	10.65	1 / 6			
reaction time	interval		0.91	0.92	0.95	0.96	0.99		# of strides	2.83		
	velocity	8.45	10.99	10.87	10.53	10.42	10.10	9.39		10.60		
Koike, Yuki (JPN) (1995)	time	5.93	6.85	7.77	8.72	9.67	10.65	10.65	2 / 7			
reaction time	interval		0.92	0.92	0.95	0.95	0.98		# of strides	2.82		
	velocity	8.43	10.87	10.87	10.53	10.53	10.20	9.39		10.64		
Kawakami, Takuya (JPN) (1995)	time	5.88	6.79	7.73	8.69	9.66	10.67	10.67	9 / 8			
reaction time	interval		0.91	0.94	0.96	0.97	1.01		# of strides	2.87		
	velocity	8.50	10.99	10.64	10.42	10.31	9.90	9.37		10.45		
Suda, Hayato (JPN) (1994)	time	5.85	6.76	7.69	8.66	9.65	10.68	10.68	8 / 9			
reaction time	interval		0.91	0.93	0.97	0.99	1.03		# of strides	2.89		
	velocity	8.55	10.99	10.75	10.31	10.10	9.71	9.36		10.38		

2012 Windsprint (Sundsvall, SWE)

FINAL

date 17-Jun-12 wind 0.1 m/s *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Collio, Simone (ITA) (1979)	time			3.99			6.70		8.49		10.34	10.34	/ 1			
reaction time	interval						2.71		1.79		1.85		# of strides	3.99	2.71	
	velocity			7.52			11.07		11.17		10.81	9.67		7.52	11.07	
Dreyer, Hannes (RSA) (1985)	time			3.95			6.70		8.53		10.43	10.43	/ 2			
reaction time	interval						2.75		1.83		1.90		# of strides	3.95	2.75	
	velocity			7.59			10.91		10.93		10.53	9.59		7.59	10.91	
Tärnhuvud, Stefan (SWE) (1985)	time			4.03			6.78		8.62		10.52	10.52	/ 3			
reaction time	interval						2.75		1.84		1.90		# of strides	4.03	2.75	
	velocity			7.44			10.91		10.87		10.53	9.51		7.44	10.91	
Colvert, Steven (IRL) (1990)	time			4.11			6.87		8.68		10.53	10.53	/ 4			
reaction time	interval						2.76		1.81		1.85		# of strides	4.11	2.76	
	velocity			7.30			10.87		11.05		10.81	9.50		7.30	10.87	
Olsson, Benjamin (SWE) (1991)	time			4.11			6.92		8.75		10.64	10.64	/ 5			
reaction time	interval						2.81		1.83		1.89		# of strides	4.11	2.81	
	velocity			7.30			10.68		10.93		10.58	9.40		7.30	10.68	
Sennung, David (SWE) (1991)	time			4.11			6.92		8.78		10.69	10.69	/ 6			
reaction time	interval						2.81		1.86		1.91		# of strides	4.11	2.81	
	velocity			7.30			10.68		10.75		10.47	9.35		7.30	10.68	
Rose, Odain (SWE) (1992)	time			4.03			6.88		8.81		11.15	11.15	/ 7			
reaction time	interval						2.85		1.93		2.34		# of strides	4.03	2.85	
	velocity			7.44			10.53		10.36		8.55	8.97		7.44	10.53	

B FINAL

date 17-Jun-12 wind 1.0 m/s *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
de Oliveira, Nil (SWE) (1986)	time			4.06			6.81		8.63		10.49	10.49	/ 1			
reaction time	interval						2.75		1.82		1.86		# of strides	4.06	2.75	
	velocity			7.39			10.91		10.99		10.75	9.53		7.39	10.91	
Hession, Paul (IRL) (1983)	time			4.07			6.85		8.66		10.53	10.53	/ 2			
reaction time	interval						2.78		1.81		1.87		# of strides	4.07	2.78	
	velocity			7.37			10.79		11.05		10.70	9.50		7.37	10.79	
Åberg, Oskar (SWE) (1989)	time			4.08			6.90		8.77		10.71	10.71	/ 3			
reaction time	interval						2.82		1.87		1.94		# of strides	4.08	2.82	
	velocity			7.35			10.64		10.70		10.31	9.34		7.35	10.64	
Armfelt, Carl (SWE) (1984)	time			4.13			7.02		8.92		10.89	10.89	/ 4			
reaction time	interval						2.89		1.90		1.97		# of strides	4.13	2.89	
	velocity			7.26			10.38		10.53		10.15	9.18		7.26	10.38	
Karlsson, Alexander (NOR) (1988)	time			4.18			7.04		8.93		10.91	10.91	/ 5			
reaction time	interval						2.86		1.89		1.98		# of strides	4.18	2.86	
	velocity			7.18			10.49		10.58		10.10	9.17		7.18	10.49	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Wulff, Jonathan (SWE) (1994)	time	4.17		7.03	8.93	10.91	10.91	/ 6				
reaction time	interval			2.86	1.90	1.98		# of strides	4.17	2.86		
	velocity	7.19		10.49	10.53	10.10	9.17		7.19	10.49		
Darkwah, Tony (SWE) (1986)	time	4.19		7.05	8.96	10.93	10.93	/ 7				
reaction time	interval			2.86	1.91	1.97		# of strides	4.19	2.86		
	velocity	7.16		10.49	10.47	10.15	9.15		7.16	10.49		

C FINAL

date 17-Jun-12 wind 2.8 m/s *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lysne, Torbjørn (NOR) (1990)	time			4.18			6.98		8.82		10.70	10.70	/ 1			
reaction time	interval						2.80		1.84		1.88		# of strides	4.18	2.80	
	velocity			7.18			10.71		10.87		10.64	9.35		7.18	10.71	
Ojuri, Sunday (SWE) (1993)	time			4.21			7.03		8.90		10.84	10.84	/ 2			
reaction time	interval						2.82		1.87		1.94		# of strides	4.21	2.82	
	velocity			7.13			10.64		10.70		10.31	9.23		7.13	10.64	
Engwall, Andreas (SWE) (1992)	time			4.16			7.01		8.90		10.85	10.85	/ 3			
reaction time	interval						2.85		1.89		1.95		# of strides	4.16	2.85	
	velocity			7.21			10.53		10.58		10.26	9.22		7.21	10.53	
Fossøy, Jostein (NOR) (1992)	time			4.10			6.95		8.86		10.86	10.86	/ 4			
reaction time	interval						2.85		1.91		2.00		# of strides	4.10	2.85	
	velocity			7.32			10.53		10.47		10.00	9.21		7.32	10.53	
Brännström, André (SWE) (1987)	time			4.21			7.06		8.94		10.89	10.89	/ 5			
reaction time	interval						2.85		1.88		1.95		# of strides	4.21	2.85	
	velocity			7.13			10.53		10.64		10.26	9.18		7.13	10.53	
Hollund, Jarle (NOR) (1988)	time			4.15			7.01		8.92		10.91	10.91	/ 6			
reaction time	interval						2.86		1.91		1.99		# of strides	4.15	2.86	
	velocity			7.23			10.49		10.47		10.05	9.17		7.23	10.49	
Nordkvist, Robin (SWE) (1993)	time			4.29			7.21		9.15		11.22	11.22	/ 7			
reaction time	interval						2.92		1.94		2.07		# of strides	4.29	2.92	
	velocity			6.99			10.27		10.31		9.66	8.91		6.99	10.27	

D FINAL

date 17-Jun-12 wind 2.5 m/s *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Andersson, David (SWE) (1985)	time			4.17			7.06		8.97		10.93	10.93	/ 1			
reaction time	interval						2.89		1.91		1.96		# of strides	4.17	2.89	
	velocity			7.19			10.38		10.47		10.20	9.15		7.19	10.38	
Øien, Vegard (NOR) (1990)	time			4.17			7.07		8.99		10.97	10.97	/ 2			
reaction time	interval						2.90		1.92		1.98		# of strides	4.17	2.90	
	velocity			7.19			10.34		10.42		10.10	9.12		7.19	10.34	
Buhagen, Kristoffer (NOR) (1992)	time			4.15			7.07		9.00		10.98	10.98	/ 3			
reaction time	interval						2.92		1.93		1.98		# of strides	4.15	2.92	
	velocity			7.23			10.27		10.36		10.10	9.11		7.23	10.27	
Ofori, Gilbert (NOR) (1994)	time			4.21			7.13		9.06		11.04	11.04	/ 4			
reaction time	interval						2.92		1.93		1.98		# of strides	4.21	2.92	
	velocity			7.13			10.27		10.36		10.10	9.06		7.13	10.27	
Storhaug, Lars Jøran (NOR) (1989	time			4.21			7.12		9.06		11.08	11.08	/ 5			
reaction time	interval						2.91		1.94		2.02		# of strides	4.21	2.91	
	velocity			7.13			10.31		10.31		9.90	9.03		7.13	10.31	
Zirignon, Jean Christian (SWE) (1!	time			4.22			7.14		9.12		11.18	11.18	/ 6			
reaction time	interval						2.92		1.98		2.06		# of strides	4.22	2.92	
	velocity			7.11			10.27		10.10		9.71	8.94		7.11	10.27	
Grønnhaug, Jonas (NOR) (1989)	time			4.20			7.19		9.17		11.19	11.19	/ 7			
reaction time	interval						2.99		1.98		2.02		# of strides	4.20	2.99	
	velocity			7.14			10.03		10.10		9.90	8.94		7.14	10.03	

E FINAL

date 17-Jun-12 wind 1.4 m/s *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Elvung-Nilsson, Viktor (SWE) (199	time			4.30			7.24		9.18		11.17	11.17	/ 1			
reaction time	interval						2.94		1.94		1.99		# of strides	4.30	2.94	
	velocity			6.98			10.20		10.31		10.05	8.95		6.98	10.20	
Lilja, Johan (SWE) (1995)	time			4.26			7.22		9.18		11.23	11.23	/ 2			

reaction time	interval			2.96	1.96	2.05		# of strides	4.26	2.96			
	velocity	7.04		10.14	10.20	9.76	8.90		7.04	10.14			
Gerlach, Mikael (SWE) (1984)	time	4.43		7.50	9.54	11.64	11.64	/ 3					
reaction time	interval			3.07	2.04	2.10		# of strides	4.43	3.07			
	velocity	6.77		9.77	9.80	9.52	8.59		6.77	9.77			
Jonsson, Per (SWE) (1988)	time	4.44		7.52	9.58	11.71	11.71	/ 4					
reaction time	interval			3.08	2.06	2.13		# of strides	4.44	3.08			
	velocity	6.76		9.74	9.71	9.39	8.54		6.76	9.74			
Mártensson, Erik (SWE) (1994)	time	4.40		7.52	9.64	11.79	11.79	/ 5					
reaction time	interval			3.12	2.12	2.15		# of strides	4.40	3.12			
	velocity	6.82		9.62	9.43	9.30	8.48		6.82	9.62			
Ekholm, Andrej (SWE) (1989)	time	4.39		7.50	9.60	11.80	11.80	/ 6					
reaction time	interval			3.11	2.10	2.20		# of strides	4.39	3.11			
	velocity	6.83		9.65	9.52	9.09	8.47		6.83	9.65			
Johansson, Oscar (SWE) (1992)	time	4.43		8.79			dnf	/ --					
reaction time	interval			4.36				# of strides	4.43	4.36			
	velocity	6.77		6.88					6.77	6.88			

F FINAL

date 17-Jun-12 wind 1.2 m/s *(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Eriksson, Daniel (SWE) (1996)	time			4.52			7.70		9.83		12.07	12.07	/ 1			
reaction time	interval						3.18		2.13		2.24		# of strides	4.52	3.18	
	velocity			6.64			9.43		9.39		8.93	8.29		6.64	9.43	
Pettersson, Andreas (SWE) (1996)	time			4.59			7.85		9.99		12.20	12.20	/ 2			
reaction time	interval						3.26		2.14		2.21		# of strides	4.59	3.26	
	velocity			6.54			9.20		9.35		9.05	8.20		6.54	9.20	

2012 Japanese National Championships (Osaka, JPN)

Heat 3

date 08-Jun-12 wind 1.3 m/s *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kuki, Takumi (JPN) (1992)	time	1.92	2.97	3.90	4.81	5.70	6.58	7.47	8.38	9.29	10.23	10.23	3 / 2			
reaction time	interval		1.05	0.93	0.91	0.89	0.88	0.89	0.91	0.91	0.94	PB	# of strides	3.90	2.68	2.71
	velocity	5.21	9.52	10.75	10.99	11.24	11.36	11.24	10.99	10.99	10.64	9.78	47.2	7.69	11.19	11.07

2012 Japanese Multi-Event National Championships (Nagano, JPN)

Decathlon - Heat 2

date 02-Jun-12 wind 1.2 m/s *Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.06	3.17	4.20	5.20	6.18	7.17	8.16	9.18	10.22	11.29	11.29	5 / 6			
reaction time	interval		1.11	1.03	1.00	0.98	0.99	0.99	1.02	1.04	1.07		# of strides	4.20	2.97	3.05
	velocity	4.85	9.01	9.71	10.00	10.20	10.10	10.10	9.80	9.62	9.35	8.86		7.14	10.10	9.84

Decathlon - Heat 1

date 02-Jun-12 wind -0.6 m/s *Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)	time	2.01	3.10	4.08	5.04	5.99	6.94	7.88	8.84	9.81	10.81	10.81	6 / 2			
reaction time	interval		1.09	0.98	0.96	0.95	0.95	0.94	0.96	0.97	1.00		# of strides	4.08	2.86	2.87
	velocity	4.98	9.17	10.20	10.42	10.53	10.53	10.64	10.42	10.31	10.00	9.25		7.35	10.49	10.45

2012 Mikio Oda Memorial (Hiroshima, JPN)

Heat 2

date 29-Apr-12 wind 2.0 m/s *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fujimitsu, Kenji (JPN) (1986)	time	1.99	3.05	4.02	4.95	5.86	6.75	7.65	8.54	9.44	10.35	10.35	8 / 3			
reaction time	interval		1.06	0.97	0.93	0.91	0.89	0.90	0.89	0.90	0.91	PB	# of strides	4.02	2.73	2.69
	velocity	5.03	9.43	10.31	10.75	10.99	11.24	11.11	11.24	11.11	10.99	9.66	46.0	7.46	10.99	11.15
Saito, Hitoshi (JPN) (1986)	time	1.95	3.03	4.01	4.94	5.85	6.75	7.65	8.54	9.44	10.36	10.36	7 / 4			
reaction time	interval		1.08	0.98	0.93	0.91	0.90	0.90	0.89	0.90	0.92		# of strides	4.01	2.74	2.69
	velocity	5.13	9.26	10.20	10.75	10.99	11.11	11.11	11.24	11.11	10.87	9.65	46.2	7.48	10.95	11.15

Heat 1

date 29-Apr-12 wind 1.3 m/s *Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kotani, Yusuke (JPN) (1989)	time	1.90	2.95	3.90	4.81	5.70	6.59	7.48	8.38	9.28	10.21	10.21	3 / 2			
reaction time	interval		1.05	0.95	0.91	0.89	0.89	0.89	0.90	0.90	0.93	PB	# of strides	3.90	2.69	2.69
	velocity	5.26	9.52	10.53	10.99	11.24	11.24	11.24	11.11	11.11	10.75	9.79	48.7	7.69	11.15	11.15
Oseto, Kazuma (JPN) (1994)	time	1.92	2.96	3.90	4.81	5.70	6.60	7.50	8.39	9.30	10.23	10.23	7 / 3			
reaction time	interval		1.04	0.94	0.91	0.89	0.90	0.90	0.89	0.91	0.93	NJR / PB	# of strides	3.90	2.70	2.70
	velocity	5.21	9.62	10.64	10.99	11.24	11.11	11.11	11.24	10.99	10.75	9.78	47.2	7.69	11.11	11.11
Tsukahara, Naoki (JPN) (1985)	time	1.90	2.95	3.90	4.82	5.72	6.62	7.52	8.42	9.33	10.25	10.25	2 / 4			

reaction time	interval		1.05	0.95	0.92	0.90	0.90	0.90	0.90	0.91	0.92		# of strides	3.90	2.72	2.71
	velocity	5.26	9.52	10.53	10.87	11.11	11.11	11.11	11.11	10.99	10.87	9.76	46.5	7.69	11.03	11.07
Takahira, Shinji (JPN) (1984)	time	1.94	2.99	3.93	4.85	5.75	6.64	7.54	8.44	9.35	10.29	10.29	4 / 5			
reaction time	interval		1.05	0.94	0.92	0.90	0.89	0.90	0.90	0.91	0.94		# of strides	3.93	2.71	2.71
	velocity	5.15	9.52	10.64	10.87	11.11	11.24	11.11	11.11	10.99	10.64	9.72	43.2	7.63	11.07	11.07
Kimura, Shintaro (JPN) (1987)	time	1.88	2.93	3.87	4.79	5.69	6.60	7.50	8.42	9.34	10.29	10.29	5 / 6			
reaction time	interval		1.05	0.94	0.92	0.90	0.91	0.90	0.92	0.92	0.95		# of strides	3.87	2.73	2.74
	velocity	5.32	9.52	10.64	10.87	11.11	10.99	11.11	10.87	10.87	10.53	9.72	48.2	7.75	10.99	10.95

2012 Tokyo Athletics Championships (Chofu, JPN)

Decathlon - Heat ??

date 21-Apr-12 wind 0.6 m/s

Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.10	3.23	4.27	5.28	6.27	7.27	8.28	9.30	10.34	11.41	11.41	???			
reaction time	interval		1.13	1.04	1.01	0.99	1.00	1.01	1.02	1.04	1.07		# of strides	4.27	3.00	3.07
	velocity	4.76	8.85	9.62	9.90	10.10	10.00	9.90	9.80	9.62	9.35	8.76		7.03	10.00	9.77

Decathlon - Heat ??

date 21-Apr-12 wind -0.6 m/s

Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)	time	1.96	3.05	4.04	5.00	5.95	6.89	7.85	8.80	9.77	10.75	10.75	???			
reaction time	interval		1.09	0.99	0.96	0.95	0.94	0.96	0.95	0.97	0.98		# of strides	4.04	2.85	2.88
	velocity	5.10	9.17	10.10	10.42	10.53	10.64	10.42	10.53	10.31	10.20	9.30		7.43	10.53	10.42

2012 Czech Republic National Indoor Championships (Praha, CZE)

FINAL

date 25-Feb-12

Feher (2012) - Czech Republic indoor national championships - men's 60m

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Žilka, Libor (CZE) (1986)	time	1.88	2.98	3.95	4.90	5.80	6.73	6.73	4 / 1			
reaction time 0.127	interval		1.10	0.97	0.95	0.90	0.93		# of strides	3.95	2.78	
	velocity	5.32	9.09	10.31	10.53	11.11	10.75	8.92		7.59	10.79	
Maslák, Pavel (CZE) (1991)	time	1.91	3.03	4.00	4.93	5.85	6.77	6.77	5 / 2			
reaction time 0.145	interval		1.12	0.97	0.93	0.92	0.92		# of strides	4.00	2.77	
	velocity	5.24	8.93	10.31	10.75	10.87	10.87	8.86		7.50	10.83	
Zich, Václav (CZE) (1990)	time	1.92	3.02	4.00	4.93	5.85	6.78	6.78	3 / 3			
reaction time 0.110	interval		1.10	0.98	0.93	0.92	0.93	PB	# of strides	4.00	2.78	
	velocity	5.21	9.09	10.20	10.75	10.87	10.75	8.85		7.50	10.79	
Šťastny, Lukáš (CZE) (1991)	time	1.95	3.06	4.04	4.97	5.90	6.82	6.82	7 / 4			
reaction time 0.131	interval		1.11	0.98	0.93	0.93	0.92	PB	# of strides	4.04	2.78	
	velocity	5.13	9.01	10.20	10.75	10.75	10.87	8.80		7.43	10.79	
Šulc, Vojtech (CZE) (1986)	time	1.97	3.07	4.06	5.00	5.92	6.85	6.85	6 / 5			
reaction time 0.153	interval		1.10	0.99	0.94	0.92	0.93	PB	# of strides	4.06	2.79	
	velocity	5.08	9.09	10.10	10.64	10.87	10.75	8.76		7.39	10.75	
Bakalár, Marek (CZE) (1995)	time	1.93	3.03	4.03	4.99	5.92	6.90	6.90	8 / 6			
reaction time 0.157	interval		1.10	1.00	0.96	0.93	0.98		# of strides	4.03	2.87	
	velocity	5.18	9.09	10.00	10.42	10.75	10.20	8.70		7.44	10.45	
Kadlec, Marcel (CZE) (1994)	time	1.96	3.08	4.08	5.03	5.97	6.93	6.93	2 / 7			
reaction time 0.162	interval		1.12	1.00	0.95	0.94	0.96		# of strides	4.08	2.85	
	velocity	5.10	8.93	10.00	10.53	10.64	10.42	8.66		7.35	10.53	
Šulc, Rostislav (CZE) (1981)	time	1.97	3.09	4.10	5.06	6.00	6.96	6.96	1 / 8			
reaction time 0.152	interval		1.12	1.01	0.96	0.94	0.96		# of strides	4.10	2.86	
	velocity	5.08	8.93	9.90	10.42	10.64	10.42	8.62		7.32	10.49	

Semi-Final 2

date 25-Feb-12

Feher (2012) - Czech Republic indoor national championships - men's 60m

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Maslák, Pavel (CZE) (1991)	time	1.93	3.03	4.05	4.97	5.89	6.82	6.82	4 / 1			
reaction time 0.143	interval		1.10	1.02	0.92	0.92	0.93		# of strides	4.05	2.77	
	velocity	5.18	9.09	9.80	10.87	10.87	10.75	8.80		7.41	10.83	
Zich, Václav (CZE) (1990)	time	1.95	3.07	4.08	4.99	5.90	6.84	6.84	3 / 2			
reaction time 0.126	interval		1.12	1.01	0.91	0.91	0.94		# of strides	4.08	2.76	
	velocity	5.13	8.93	9.90	10.99	10.99	10.64	8.77		7.35	10.87	
Šťastny, Lukáš (CZE) (1991)	time	1.97	3.08	4.08	4.99	5.92	6.85	6.85	5 / 3			
reaction time 0.146	interval		1.11	1.00	0.91	0.93	0.93		# of strides	4.08	2.77	
	velocity	5.08	9.01	10.00	10.99	10.75	10.75	8.76		7.35	10.83	
Kadlec, Marcel (CZE) (1994)	time	1.95	3.06	4.06	5.00	5.96	6.92	6.92	6 / 4			
reaction time 0.154	interval		1.11	1.00	0.94	0.96	0.96		# of strides	4.06	2.86	
	velocity	5.13	9.01	10.00	10.64	10.42	10.42	8.67		7.39	10.49	

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Benda, Ondrej (CZE) (1985)		time	2.02	3.14	4.15	5.11	6.05	7.04	7.04	7 / 5			
reaction time	0.149	interval		1.12	1.01	0.96	0.94	0.99		# of strides	4.15	2.89	
		velocity	4.95	8.93	9.90	10.42	10.64	10.10	8.52		7.23	10.38	
Krsek, Ivo (CZE) (1993)		time	1.98	3.11	4.15	5.10	6.05	7.04	7.04	2 / 6			
reaction time	0.160	interval		1.13	1.04	0.95	0.95	0.99		# of strides	4.15	2.89	
		velocity	5.05	8.85	9.62	10.53	10.53	10.10	8.52		7.23	10.38	
Lecjaks, Martin (CZE) (1990)		time	2.03	3.20	4.23	5.22	6.21	7.22	7.22	8 / 7			
reaction time	0.137	interval		1.17	1.03	0.99	0.99	1.01		# of strides	4.23	2.99	
		velocity	4.93	8.55	9.71	10.10	10.10	9.90	8.31		7.09	10.03	

Semi-Final 1

date 25-Feb-12

Feher (2012) - Czech Republic indoor national championships - men's 60m

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Žilka, Libor (CZE) (1986)		time	1.91	3.02	3.97	4.91	5.84	6.78	6.78	4 / 1			
reaction time	0.121	interval		1.11	0.95	0.94	0.93	0.94		# of strides	3.97	2.81	
		velocity	5.24	9.01	10.53	10.64	10.75	10.64	8.85		7.56	10.68	
Šulc, Vojtech (CZE) (1986)		time	1.97	3.09	4.07	5.00	5.92	6.86	6.86	5 / 2			
reaction time	0.149	interval		1.12	0.98	0.93	0.92	0.94		# of strides	4.07	2.79	
		velocity	5.08	8.93	10.20	10.75	10.87	10.64	8.75		7.37	10.75	
Bakalár, Marek (CZE) (1995)		time	1.94	3.05	4.03	4.98	5.92	6.87	6.87	3 / 3			
reaction time	0.154	interval		1.11	0.98	0.95	0.94	0.95		# of strides	4.03	2.84	
		velocity	5.15	9.01	10.20	10.53	10.64	10.53	8.73		7.44	10.56	
Šulc, Rostislav (CZE) (1981)		time	1.97	3.11	4.10	5.06	6.01	6.97	6.97	2 / 4			
reaction time	0.153	interval		1.14	0.99	0.96	0.95	0.96		# of strides	4.10	2.87	
		velocity	5.08	8.77	10.10	10.42	10.53	10.42	8.61		7.32	10.45	
Vojtík, Jirí (CZE) (1981)		time	1.97	3.11	4.12	5.11	6.04	7.00	7.00	6 / 5			
reaction time	0.113	interval		1.14	1.01	0.99	0.93	0.96		# of strides	4.12	2.88	
		velocity	5.08	8.77	9.90	10.10	10.75	10.42	8.57		7.28	10.42	
Hrnčír, Jan (CZE) (1992)		time	1.97	3.12	4.12	5.12	6.09	7.08	7.08	7 / 6			
reaction time	0.115	interval		1.15	1.00	1.00	0.97	0.99		# of strides	4.12	2.96	
		velocity	5.08	8.70	10.00	10.00	10.31	10.10	8.47		7.28	10.14	

Heat 3

date 25-Feb-12

Feher (2012) - Czech Republic indoor national championships - men's 60m

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Štastny, Lukáš (CZE) (1991)		time	1.99	3.11	4.07	5.02	5.97	6.93	6.93	4 / 1			
reaction time	0.150	interval		1.12	0.96	0.95	0.95	0.96		# of strides	4.07	2.86	
		velocity	5.03	8.93	10.42	10.53	10.53	10.42	8.66		7.37	10.49	
Zich, Václav (CZE) (1990)		time	1.97	3.09	4.08	5.02	5.99	6.97	6.97	5 / 2			
reaction time	0.133	interval		1.12	0.99	0.94	0.97	0.98		# of strides	4.08	2.89	
		velocity	5.08	8.93	10.10	10.64	10.31	10.20	8.61		7.35	10.38	
Šulc, Rostislav (CZE) (1981)		time	1.98	3.10	4.11	5.07	6.05	7.02	7.02	6 / 3			
reaction time	0.161	interval		1.12	1.01	0.96	0.98	0.97		# of strides	4.11	2.91	
		velocity	5.05	8.93	9.90	10.42	10.20	10.31	8.55		7.30	10.31	
Krsek, Ivo (CZE) (1993)		time	1.95	3.09	4.09	5.05	6.04	7.03	7.03	3 / 4			
reaction time	0.134	interval		1.14	1.00	0.96	0.99	0.99		# of strides	4.09	2.94	
		velocity	5.13	8.77	10.00	10.42	10.10	10.10	8.53		7.33	10.20	
Lecjaks, Martin (CZE) (1990)		time	2.00	3.17	4.20	5.21	6.19	7.18	7.18	2 / 5			
reaction time	0.148	interval		1.17	1.03	1.01	0.98	0.99		# of strides	4.20	2.98	
		velocity	5.00	8.55	9.71	9.90	10.20	10.10	8.36		7.14	10.07	
Hain, Christian (CZE) (1993)		time	2.04	3.18	4.23	5.23	6.24	7.25	7.25	7 / 6			
reaction time	0.127	interval		1.14	1.05	1.00	1.01	1.01		# of strides	4.23	3.02	
		velocity	4.90	8.77	9.52	10.00	9.90	9.90	8.28		7.09	9.93	

Heat 2

date 25-Feb-12

Feher (2012) - Czech Republic indoor national championships - men's 60m

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Maslák, Pavel (CZE) (1991)		time	1.95	3.09	4.05	4.98	5.91	6.84	6.84	5 / 1			
reaction time	0.162	interval		1.14	0.96	0.93	0.93	0.93		# of strides	4.05	2.79	
		velocity	5.13	8.77	10.42	10.75	10.75	10.75	8.77		7.41	10.75	
Bakalár, Marek (CZE) (1995)		time	1.92	3.06	4.05	4.99	5.95	6.90	6.90	4 / 2			
reaction time	0.141	interval		1.14	0.99	0.94	0.96	0.95		# of strides	4.05	2.85	
		velocity	5.21	8.77	10.10	10.64	10.42	10.53	8.70		7.41	10.53	
Vojtík, Jirí (CZE) (1981)		time	1.98	3.14	4.13	5.06	6.03	7.00	7.00	3 / 3			

reaction time	0.129	interval		1.16	0.99	0.93	0.97	0.97		# of strides	4.13	2.87
		velocity	5.05	8.62	10.10	10.75	10.31	10.31	8.57		7.26	10.45
Benda, Ondrej (CZE) (1985)		time	2.03	3.17	4.17	5.11	6.08	7.06	7.06	2 / 4		
reaction time	0.202	interval		1.14	1.00	0.94	0.97	0.98		# of strides	4.17	2.89
		velocity	4.93	8.77	10.00	10.64	10.31	10.20	8.50		7.19	10.38
Hrnčír, Jan (CZE) (1992)		time	1.97	3.10	4.13	5.08	6.07	7.07	7.07	6 / 5		
reaction time	0.132	interval		1.13	1.03	0.95	0.99	1.00		# of strides	4.13	2.94
		velocity	5.08	8.85	9.71	10.53	10.10	10.00	8.49		7.26	10.20
Ujhelyi, Michal (CZE) (1995)		time	2.11	3.29	4.36	5.40	6.41	7.44	7.44	7 / 6		
reaction time	0.142	interval		1.18	1.07	1.04	1.01	1.03		# of strides	4.36	3.08
		velocity	4.74	8.47	9.35	9.62	9.90	9.71	8.06		6.88	9.74

Heat 1

date 25-Feb-12

Feher (2012) - Czech Republic indoor national championships - men's 60m

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Žilka, Libor (CZE) (1986)		time	1.91	3.03	4.00	4.95	5.88	6.83	6.83	4 / 1			
reaction time	0.123	interval		1.12	0.97	0.95	0.93	0.95		# of strides	4.00	2.83	
		velocity	5.24	8.93	10.31	10.53	10.75	10.53	8.78		7.50	10.60	
Šulc, Vojtech (CZE) (1986)		time	1.98	3.10	4.08	5.00	5.93	6.89	6.89	5 / 2			
reaction time	0.149	interval		1.12	0.98	0.92	0.93	0.96		# of strides	4.08	2.81	
		velocity	5.05	8.93	10.20	10.87	10.75	10.42	8.71		7.35	10.68	
Kadlec, Marcel (CZE) (1994)		time	1.98	3.09	4.10	5.06	6.00	6.97	6.97	3 / 3			
reaction time	0.172	interval		1.11	1.01	0.96	0.94	0.97		# of strides	4.10	2.87	
		velocity	5.05	9.01	9.90	10.42	10.64	10.31	8.61		7.32	10.45	
Benda, Pavel (CZE) (1992)		time	1.98	3.13	4.18	5.16	6.11	7.09	7.09	6 / 4			
reaction time	0.147	interval		1.15	1.05	0.98	0.95	0.98		# of strides	4.18	2.91	
		velocity	5.05	8.70	9.52	10.20	10.53	10.20	8.46		7.18	10.31	
Nohava, Vojtech (CZE) (1992)		time	1.99	3.16	4.22	5.24	6.20	7.21	7.21	2 / 5			
reaction time	0.128	interval		1.17	1.06	1.02	0.96	1.01		# of strides	4.22	2.99	
		velocity	5.03	8.55	9.43	9.80	10.42	9.90	8.32		7.11	10.03	
Vondráček, Jan (CZE) (1991)		time	2.13	3.28	4.33	5.35	6.32	7.32	7.32	7 / 6			
reaction time	0.150	interval		1.15	1.05	1.02	0.97	1.00		# of strides	4.33	2.99	
		velocity	4.69	8.70	9.52	9.80	10.31	10.00	8.20		6.93	10.03	

2011 IAAF World Championships (Daegu, KOR)

FINAL

date 28-Aug-11 wind -1.4 m/s

KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Blake, Yohan (JAM) (1989)		time	1.87	2.89	3.83	4.70	5.56	6.41	7.27	8.13	9.00	9.88	9.92	6 / 1			
reaction time	0.174	interval		1.02	0.94	0.87	0.86	0.85	0.86	0.86	0.87	0.88		# of strides	3.83	2.58	2.59
		velocity	5.35	9.80	10.64	11.49	11.63	11.76	11.63	11.63	11.49	11.36	10.08	47.0	7.83	11.63	11.58
Dix, Walter (USA) (1986)		time		2.94	3.92	4.81	5.71	6.56	7.43	8.29	9.19	10.08	10.08	4 / 2			
reaction time	0.175	interval			0.98	0.89	0.90	0.85	0.87	0.86	0.90	0.89		# of strides	3.92	2.64	2.63
		velocity		6.80	10.20	11.24	11.11	11.76	11.49	11.63	11.11	11.24	9.92	48.0	7.65	11.36	11.41
Collins, Kim (SKN) (1976)		time		2.86	3.82	4.71	5.60	6.48	7.36	8.24	9.16	10.09	10.09	3 / 3			
reaction time	0.155	interval			0.96	0.89	0.89	0.88	0.88	0.88	0.92	0.93		# of strides	3.82	2.66	2.68
		velocity		6.99	10.42	11.24	11.24	11.36	11.36	11.36	10.87	10.75	9.91	49.0	7.85	11.28	11.19
Lemaitre, Christophe (FRA) (1990)		time		2.96	3.94	4.83	5.73	6.59	7.47	8.34	9.26	10.19	10.19	8 / 4			
reaction time	0.179	interval			0.98	0.89	0.90	0.86	0.88	0.87	0.92	0.93		# of strides	3.94	2.65	2.67
		velocity		6.76	10.20	11.24	11.11	11.63	11.36	11.49	10.87	10.75	9.81	41.0	7.61	11.32	11.24
Bailey, Daniel (ANT) (1986)		time		2.96	3.95	4.84	5.73	6.61	7.50	8.37	9.28	10.26	10.26	2 / 5			
reaction time	0.165	interval			0.99	0.89	0.89	0.88	0.89	0.87	0.91	0.98		# of strides	3.95	2.66	2.67
		velocity		6.76	10.10	11.24	11.24	11.36	11.24	11.49	10.99	10.20	9.75	48.0	7.59	11.28	11.24
Vicaut, Jimmy (FRA) (1992)		time		2.92	3.90	4.81	5.71	6.59	7.48	8.38	9.32	10.27	10.27	1 / 6			
reaction time	0.162	interval			0.98	0.91	0.90	0.88	0.89	0.90	0.94	0.95		# of strides	3.90	2.69	2.73
		velocity		6.85	10.20	10.99	11.11	11.36	11.24	11.11	10.64	10.53	9.74	46.0	7.69	11.15	10.99
Carter, Nester (JAM) (1985)		time		2.96	3.98	4.94	5.90	6.83	7.79	8.74	9.77	10.95	10.95	7 / 7			
reaction time	0.154	interval			1.02	0.96	0.96	0.93	0.96	0.95	1.03	1.18		# of strides	3.98	2.85	2.94
		velocity		6.76	9.80	10.42	10.42	10.75	10.42	10.53	9.71	8.47	9.13	47.0	7.54	10.53	10.20
Bolt, Usain (JAM) (1986)	-0.104												DQ	5 / --			

Semi-Final 2

date 28-Aug-11 wind -1.0 m/s

KSSB (2011) - biomechanical analysis of Usain Bolt 100 meter

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bolt, Usain (JAM) (1986)		time	1.89	2.93	3.86	4.74	5.60	6.45	7.30	8.16	9.05	10.04	10.05	3 / 1			
reaction time	0.164	interval		1.04	0.93	0.88	0.86	0.85	0.85	0.86	0.89	0.99		# of strides	3.86	2.59	2.60
		velocity	5.29	9.62	10.75	11.36	11.63	11.76	11.76	11.63	11.24	10.10	9.95	40.5	7.77	11.58	11.54

Heat 7

date 27-Aug-11 wind -1.2 m/s *KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Frater, Michael (JAM) (1982)		time	1.93	2.99	3.93	4.74	5.71	6.59	7.47	8.37	9.30	10.27	10.26	5 / 1			
reaction time	0.149	interval		1.06	0.94	0.81	0.97	0.88	0.88	0.90	0.93	0.97		# of strides	3.93	2.66	2.71
		velocity	5.18	9.43	10.64	12.35	10.31	11.36	11.36	11.11	10.75	10.31	9.75	48.0	7.63	11.28	11.07

Heat 6

date 27-Aug-11 wind -0.7 m/s *KSSB (2011) - biomechanical analysis of Usain Bolt 100 meter*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bolt, Usain (JAM) (1986)		time	1.89	2.93	3.85	4.74	5.60	6.46	7.32	8.20	9.11	10.10	10.10	6 / 1			
reaction time	0.153	interval		1.04	0.92	0.89	0.86	0.86	0.86	0.88	0.91	0.99		# of strides	3.85	2.61	2.65
		velocity	5.29	9.62	10.87	11.24	11.63	11.63	11.63	11.36	10.99	10.10	9.90	40.0	7.79	11.49	11.32

Heat 5

date 27-Aug-11 wind -1.2 m/s *KSSB (2011) - biomechanical researchproject report in the iaaf world championships, Daegu 2011*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Carter, Nester (JAM) (1985)		time	1.88	2.92	3.86	4.76	5.64	6.53	7.42	8.33	9.27	10.25	10.26	3 / 1			
reaction time	0.164	interval		1.04	0.94	0.90	0.88	0.89	0.89	0.91	0.94	0.98		# of strides	3.86	2.67	2.74
		velocity	5.32	9.62	10.64	11.11	11.36	11.24	11.24	10.99	10.64	10.20	9.75	43.7	7.77	11.24	10.95

2011 Japanese National High School Championships (Kitakami, JPN)

FINAL

date 04-Aug-11 wind -0.5 m/s *Abe (2011) - 64th high school championships: JAF scientific committee - biomechanics data collection*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nashimoto, Masaki (JPN) (1993)	time					5.77	6.67	7.61	8.54	9.50	10.50	10.50	6 / 1			
reaction time	interval						0.90	0.94	0.93	0.96	1.00		# of strides			2.83
	velocity					8.67	11.11	10.64	10.75	10.42	10.00	9.52				10.60
Oseto, Kazuma (JPN) (1994)	time					5.82	6.73	7.68	8.64	9.62	10.63	10.63	7 / 2			
reaction time	interval						0.91	0.95	0.96	0.98	1.01		# of strides			2.89
	velocity					8.59	10.99	10.53	10.42	10.20	9.90	9.41				10.38
Cambridge, Aska (JPN) (1993)	time					5.91	6.82	7.75	8.69	9.65	10.64	10.64	4 / 3			
reaction time	interval						0.91	0.93	0.94	0.96	0.99		# of strides			2.83
	velocity					8.46	10.99	10.75	10.64	10.42	10.10	9.40				10.60
Tsunakawa, Hayato (JPN) (1993)	time					5.91	6.85	7.78	8.74	9.71	10.70	10.70	5 / 4			
reaction time	interval						0.94	0.93	0.96	0.97	0.99		# of strides			2.86
	velocity					8.46	10.64	10.75	10.42	10.31	10.10	9.35				10.49
Hashimoto, Akiyuki (JPN) (1994)	time					5.95	6.89	7.82	8.76	9.72	10.72	10.72	1 / 5			
reaction time	interval						0.94	0.93	0.94	0.96	1.00		# of strides			2.83
	velocity					8.40	10.64	10.75	10.64	10.42	10.00	9.33				10.60
Kanamori, Kazuki (JPN) (1994)	time					5.98	6.91	7.85	8.80	9.77	10.74	10.74	8 / 6			
reaction time	interval						0.93	0.94	0.95	0.97	0.97		# of strides			2.86
	velocity					8.36	10.75	10.64	10.53	10.31	10.31	9.31				10.49
Suwa, Tatsuro (JPN) (1994)	time					5.92	6.87	7.80	8.77	9.75	10.75	10.75	2 / 7			
reaction time	interval						0.95	0.93	0.97	0.98	1.00		# of strides			2.88
	velocity					8.45	10.53	10.75	10.31	10.20	10.00	9.30				10.42
Onabuta, Yu (JPN) (1994)	time					6.01	6.95	7.87	8.82	9.79	10.78	10.78	9 / 8			
reaction time	interval						0.94	0.92	0.95	0.97	0.99		# of strides			2.84
	velocity					8.32	10.64	10.87	10.53	10.31	10.10	9.28				10.56
Tsukamoto, Kazuya (JPN) (1994)	time					5.89	6.86	7.80	8.78	9.79	10.85	10.85	3 / 9			
reaction time	interval						0.97	0.94	0.98	1.01	1.06		# of strides			2.93
	velocity					8.49	10.31	10.64	10.20	9.90	9.43	9.22				10.24

2011 Windsprint (Sundsvall, SWE)

FINAL

date 31-Jul-11 wind 2.8 m/s *(2011) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Harvey, Jacques (JAM) (1989)	time			3.91			6.53		8.24		10.03	10.03	3 / 1			
reaction time	interval						2.62		1.71		1.79		# of strides	3.91	2.62	
	velocity			7.67			11.45		11.70		11.17	9.97		7.67	11.45	
Colio, Simone (ITA) (1979)	time			3.93			6.60		8.34		10.16	10.16	4 / 2			
reaction time	interval						2.67		1.74		1.82		# of strides	3.93	2.67	
	velocity			7.63			11.24		11.49		10.99	9.84		7.63	11.24	
Dwyer, Rasheed (JAM) (1989)	time			3.94			6.65		8.42		10.24	10.24	6 / 3			
reaction time	interval						2.71		1.77		1.82		# of strides	3.94	2.71	
	velocity			7.61			11.07		11.30		10.99	9.77		7.61	11.07	

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tärnhuvud, Stefan (SWE) (1985)	time			3.98			6.67		8.46		10.33	10.33	5 / 4			
reaction time	interval						2.69		1.79		1.87		# of strides	3.98	2.69	
	velocity			7.54			11.15		11.17		10.70	9.68		7.54	11.15	
Kling-Baptiste, Tom (SWE) (1990)	time			4.02			6.79		8.60		10.47	10.47	1 / 5			
reaction time	interval						2.77		1.81		1.87		# of strides	4.02	2.77	
	velocity			7.46			10.83		11.05		10.70	9.55		7.46	10.83	
Wilks,Terrel (USA) (1989)	time			3.99			6.74		8.56		10.49	10.49	2 / 6			
reaction time	interval						2.75		1.82		1.93		# of strides	3.99	2.75	
	velocity			7.52			10.91		10.99		10.36	9.53		7.52	10.91	

B FINAL

date 31-Jul-11 wind 2.0 m/s *(2011) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
de Oliveira, Nil (SWE) (1986)	time			4.02			6.73		8.52		10.34	10.34	5 / 1			
reaction time	interval						2.71		1.79		1.82		# of strides	4.02	2.71	
	velocity			7.46			11.07		11.17		10.99	9.67		7.46	11.07	
Rose, Odain (SWE) (1992)	time			3.95			6.75		8.62		10.55	10.55	6 / 2			
reaction time	interval						2.80		1.87		1.93		# of strides	3.95	2.80	
	velocity			7.59			10.71		10.70		10.36	9.48		7.59	10.71	
Sennung, David (SWE) (1991)	time			4.06			6.85		8.70		10.61	10.61	4 / 3			
reaction time	interval						2.79		1.85		1.91		# of strides	4.06	2.79	
	velocity			7.39			10.75		10.81		10.47	9.43		7.39	10.75	
Zail, Emil (SWE) (1987)	time			4.08			6.88		8.74		10.67	10.67	2 / 4			
reaction time	interval						2.80		1.86		1.93	PB	# of strides	4.08	2.80	
	velocity			7.35			10.71		10.75		10.36	9.37		7.35	10.71	
Sebabi, Nasser (SWE) (1982)	time			4.06			6.87		8.73		10.68	10.68	3 / 5			
reaction time	interval						2.81		1.86		1.95	PB	# of strides	4.06	2.81	
	velocity			7.39			10.68		10.75		10.26	9.36		7.39	10.68	

C FINAL

date 31-Jul-11 wind 2.8 m/s *(2011) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Mogstad, Christian Settemsli (NOI	time			4.07			6.86		8.70		10.62	10.62	7 / 1			
reaction time	interval						2.79		1.84		1.92		# of strides	4.07	2.79	
	velocity			7.37			10.75		10.87		10.42	9.42		7.37	10.75	
Donati, Roberto (ITA) (1983)	time			4.07			6.88		8.76		10.70	10.70	1 / 2			
reaction time	interval						2.81		1.88		1.94		# of strides	4.07	2.81	
	velocity			7.37			10.68		10.64		10.31	9.35		7.37	10.68	
Karlsson, Alexander (NOR) (1988)	time			4.09			6.93		8.81		10.76	10.76	4 / 3			
reaction time	interval						2.84		1.88		1.95		# of strides	4.09	2.84	
	velocity			7.33			10.56		10.64		10.26	9.29		7.33	10.56	
Krabbe, Martin (DEN) (1985)	time			4.01			6.84		8.76		10.79	10.79	8 / 4			
reaction time	interval						2.83		1.92		2.03		# of strides	4.01	2.83	
	velocity			7.48			10.60		10.42		9.85	9.27		7.48	10.60	
Armfelt, Carl (SWE) (1984)	time			4.09			6.96		8.86		10.81	10.81	3 / 5			
reaction time	interval						2.87		1.90		1.95		# of strides	4.09	2.87	
	velocity			7.33			10.45		10.53		10.26	9.25		7.33	10.45	
Wocalewski, Jan (SWE) (1993)	time			4.12			6.97		8.87		10.83	10.83	5 / 6			
reaction time	interval						2.85		1.90		1.96		# of strides	4.12	2.85	
	velocity			7.28			10.53		10.53		10.20	9.23		7.28	10.53	

D FINAL

date 31-Jul-11 wind 1.6 m/s *(2011) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lysne, Torbjörn (NOR) (1990)	time			4.22			7.05		8.91		10.80	10.80	2 / 1			
reaction time	interval						2.83		1.86		1.89		# of strides	4.22	2.83	
	velocity			7.11			10.60		10.75		10.58	9.26		7.11	10.60	
Waltersson, Jonathan (SWE) (198	time			4.14			7.00		8.88		10.82	10.82	4 / 2			
reaction time	interval						2.86		1.88		1.94		# of strides	4.14	2.86	
	velocity			7.25			10.49		10.64		10.31	9.24		7.25	10.49	
Wulff, Jonathan (SWE) (1994)	time			4.21			7.04		8.93		10.90	10.90	1 / 3			
reaction time	interval						2.83		1.89		1.97		# of strides	4.21	2.83	
	velocity			7.13			10.60		10.58		10.15	9.17		7.13	10.60	
Storhaug, Lars Jøran (NOR) (1989	time			4.15			7.05		8.95		10.93	10.93	8 / 4			
reaction time	interval						2.90		1.90		1.98		# of strides	4.15	2.90	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

	velocity	7.23		10.34	10.53	10.10	9.15		7.23	10.34	
Ojori, Sunday (SWE) (1993)	time	4.17		7.04	8.95	10.94	10.94	6 / 5			
reaction time	interval			2.87	1.91	1.99		# of strides	4.17	2.87	
	velocity	7.19		10.45	10.47	10.05	9.14		7.19	10.45	
Nilsson, Nils-Göran (SWE) (1988)	time	4.14		7.03	8.96	10.98	10.98	3 / 6			
reaction time	interval			2.89	1.93	2.02		# of strides	4.14	2.89	
	velocity	7.25		10.38	10.36	9.90	9.11		7.25	10.38	
Engwall, Andreas (SWE) (1992)	time	4.16		7.05	8.98	10.99	10.99	7 / 7			
reaction time	interval			2.89	1.93	2.01		# of strides	4.16	2.89	
	velocity	7.21		10.38	10.36	9.95	9.10		7.21	10.38	
Lang, Jesper (SWE) (1992)	time	4.21		7.10	9.03	11.04	11.04	5 / 8			
reaction time	interval			2.89	1.93	2.01		# of strides	4.21	2.89	
	velocity	7.13		10.38	10.36	9.95	9.06		7.13	10.38	

E FINAL

date 31-Jul-11 wind 1.8 m/s *(2011) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Skoglund, Björn (SWE) (1991)	time			4.16			7.07		9.00		11.00	11.00	3 / 1			
reaction time	interval						2.91		1.93		2.00		# of strides	4.16	2.91	
	velocity			7.21			10.31		10.36		10.00	9.09		7.21	10.31	
Johansson, Oscar (SWE) (1992)	time			4.18			7.09		9.03		11.03	11.03	8 / 2			
reaction time	interval						2.91		1.94		2.00		# of strides	4.18	2.91	
	velocity			7.18			10.31		10.31		10.00	9.07		7.18	10.31	
Thessén, Emil (SWE) (1994)	time			4.20			7.11		9.05		11.06	11.06	5 / 3			
reaction time	interval						2.91		1.94		2.01		# of strides	4.20	2.91	
	velocity			7.14			10.31		10.31		9.95	9.04		7.14	10.31	
Grønnhaug, Jonas (SWE) (1989)	time			4.18			7.12		9.08		11.10	11.10	1 / 4			
reaction time	interval						2.94		1.96		2.02		# of strides	4.18	2.94	
	velocity			7.18			10.20		10.20		9.90	9.01		7.18	10.20	
Söderqvist, Per-Erik (SWE) (1987)	time			4.26			7.25		9.25		11.29	11.29	6 / 5			
reaction time	interval						2.99		2.00		2.04		# of strides	4.26	2.99	
	velocity			7.04			10.03		10.00		9.80	8.86		7.04	10.03	
Kallur, Martin (SWE) (1991)	time			4.24			7.21		9.21		11.30	11.30	4 / 6			
reaction time	interval						2.97		2.00		2.09		# of strides	4.24	2.97	
	velocity			7.08			10.10		10.00		9.57	8.85		7.08	10.10	
Forsberg, Johan (SWE) (1992)	time			4.25			7.24		9.24		11.44	11.44	2 / 7			
reaction time	interval						2.99		2.00		2.20		# of strides	4.25	2.99	
	velocity			7.06			10.03		10.00		9.09	8.74		7.06	10.03	

F FINAL

date 31-Jul-11 wind 1.6 m/s *(2011) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lilja, Johan (SWE) (1995)	time			4.28			7.26		9.26		11.31	11.31	5 / 1			
reaction time	interval						2.98		2.00		2.05		# of strides	4.28	2.98	
	velocity			7.01			10.07		10.00		9.76	8.84		7.01	10.07	
Näsman, Erik (SWE) (1987)	time			4.26			7.25		9.25		11.33	11.33	1 / 2			
reaction time	interval						2.99		2.00		2.08		# of strides	4.26	2.99	
	velocity			7.04			10.03		10.00		9.62	8.83		7.04	10.03	
Øien, Vegard (NOR) (1990)	time			4.32			7.34		9.36		11.40	11.40	2 / 3			
reaction time	interval						3.02		2.02		2.04		# of strides	4.32	3.02	
	velocity			6.94			9.93		9.90		9.80	8.77		6.94	9.93	
Goldman, Daniel (SWE) (1979)	time			4.28			7.33		9.38		11.48	11.48	7 / 4			
reaction time	interval						3.05		2.05		2.10		# of strides	4.28	3.05	
	velocity			7.01			9.84		9.76		9.52	8.71		7.01	9.84	
Thomberg, Nils (SWE) (1994)	time			4.23			7.30		9.38		11.49	11.49	3 / 5			
reaction time	interval						3.07		2.08		2.11		# of strides	4.23	3.07	
	velocity			7.09			9.77		9.62		9.48	8.70		7.09	9.77	
Ekholm, Andrej (SWE) (1989)	time			4.29			7.35		9.40		11.55	11.55	6 / 6			
reaction time	interval						3.06		2.05		2.15		# of strides	4.29	3.06	
	velocity			6.99			9.80		9.76		9.30	8.66		6.99	9.80	
Jonsson, Per (SWE) (1988)	time			4.38			7.43		9.46		11.57	11.57	8 / 7			
reaction time	interval						3.05		2.03		2.11		# of strides	4.38	3.05	
	velocity			6.85			9.84		9.85		9.48	8.64		6.85	9.84	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

G FINAL

date 31-Jul-11 wind 1.4 m/s *(2011) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gerlach, Mikael (SWE) (1984)	time			4.47			7.55		9.57		11.67	11.67	6 / 1			
reaction time	interval						3.08		2.02		2.10		# of strides	4.47	3.08	
	velocity			6.71			9.74		9.90		9.52	8.57		6.71	9.74	
Bergvall, Eric (SWE) (1994)	time			4.44			7.50		9.60		11.80	11.80	3 / 2			
reaction time	interval						3.06		2.10		2.20		# of strides	4.44	3.06	
	velocity			6.76			9.80		9.52		9.09	8.47		6.76	9.80	
Ejenstam, Philip (SWE) (1994)	time			4.50			7.60		9.69		11.87	11.87	4 / 3			
reaction time	interval						3.10		2.09		2.18		# of strides	4.50	3.10	
	velocity			6.67			9.68		9.57		9.17	8.42		6.67	9.68	
Persson, Marcus (SWE) (1994)	time			4.42			7.57		9.79		12.08	12.08	5 / 4			
reaction time	interval						3.15		2.22		2.29		# of strides	4.42	3.15	
	velocity			6.79			9.52		9.01		8.73	8.28		6.79	9.52	

2011 French National Championships (Albi, FRA)

FINAL

date 29-Jul-11 wind 2.0 m/s *Vazel (2015) - http://vazel.blog.lemonde.fr/2015/07/06/jimmy-vicaut-son-record-deurope-du-100-m-a-la-loupe/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lemaitre, Christophe (FRA) (1990	time			3.93			6.50		8.19		9.92	9.92	6 / 1			
reaction time	interval						2.57		1.69		1.73	AUR / NR	# of strides	3.93	2.57	
	velocity			7.63			11.67		11.83		11.56	10.08	41.5	7.63	11.67	

2011 Japanese Multi-Event National Championships (Kawasaki, JPN)

Decathlon - Heat ??

date 04-Jun-11 wind -1.1 m/s *Hisashi (2012) - perfromance analysis of Japanese record holder Keisuke Ushiro*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.08	3.22	4.28	5.29	6.30	7.29	8.29	9.31	10.33	11.39	11.39	???			
reaction time	interval		1.14	1.06	1.01	1.01	0.99	1.00	1.02	1.02	1.06		# of strides	4.28	3.01	3.04
	velocity	4.81	8.77	9.43	9.90	9.90	10.10	10.00	9.80	9.80	9.43	8.78		7.01	9.97	9.87

Decathlon - Heat ??

date 04-Jun-11 wind -0.2 m/s *Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)	time	1.96	3.06	4.06	5.02	5.98	6.93	7.88	8.84	9.82	10.81	10.81	???			
reaction time	interval		1.10	1.00	0.96	0.96	0.95	0.95	0.96	0.98	0.99		# of strides	4.06	2.87	2.89
	velocity	5.10	9.09	10.00	10.42	10.42	10.53	10.53	10.42	10.20	10.10	9.25		7.39	10.45	10.38

2011 Wakayama Athletics Meeting (Wakayama, JPN)

Decathlon - Heat 1

date 23-Apr-11 wind -1.6 m/s *Hisashi (2012) - perfromance analysis of Japanese record holder Keisuke Ushiro*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.09	3.21	4.24	5.24	6.24	7.25	8.27	9.30	10.32	11.37	11.37	9 / 3			
reaction time	interval		1.12	1.03	1.00	1.00	1.01	1.02	1.03	1.02	1.05		# of strides	4.24	3.01	3.07
	velocity	4.78	8.93	9.71	10.00	10.00	9.90	9.80	9.71	9.80	9.52	8.80		7.08	9.97	9.77

2010 Japanese Corporate Championships (Niigata, JPN)

FINAL

date 26-Sep-10 wind 1.1 m/s *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sakuma, Kota (JPN) (1985)	time			4.04			6.84				10.65	10.65	/ 6			
reaction time	interval						2.80				3.81		# of strides	4.04	2.80	
	velocity			7.43			10.71				10.50	9.39	49.0	7.43	10.71	

Semi-Final 1

date 26-Sep-10 wind 0.7 m/s *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Saito, Hitoshi (JPN) (1986)	time			4.08			6.92				10.77	10.77	/ 2			
reaction time	interval						2.84				3.85		# of strides	4.08	2.84	
	velocity			7.35			10.56				10.39	9.29	46.1	7.35	10.56	

Heat 6

date 26-Sep-10 wind 1.9 m/s *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sakuma, Kota (JPN) (1985)	time			4.02			6.81				10.59	10.59	/ 3			
reaction time	interval						2.79				3.78		# of strides	4.02	2.79	
	velocity			7.46			10.75				10.58	9.44		7.46	10.75	

Heat 5

date 26-Sep-10 wind 0.6 m/s *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Saito, Hitoshi (JPN) (1986)	time			4.04			6.86				10.67	10.67	/ 1			
reaction time	interval						2.82				3.81		# of strides	4.04	2.82	
	velocity			7.43			10.64				10.50	9.37	46.5	7.43	10.64	

2010 Seiko Super Grand Prix (Kawasaki, JPN)

FINAL

date 19-Sep-10 wind -1.6 m/s *Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Lemaitre, Christophe (FRA) (1990)	time	1.96	3.02	3.97	4.89	5.78	6.67	7.55	8.45	9.35	10.26	10.26	4 / 1			
reaction time	interval		1.06	0.95	0.92	0.89	0.89	0.88	0.90	0.90	0.91		# of strides	3.97	2.70	2.68
	velocity	5.10	9.43	10.53	10.87	11.24	11.24	11.36	11.11	11.11	10.99	9.75	43.8	7.56	11.11	11.19

2010 Windsprint (Sundsvall, SWE)

FINAL

date 08-Aug-10 wind 0.7 m/s *(2010) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Roach, Kimmari (JAM) (1990)	time			3.91			6.58		8.35		10.21	10.21	/ 1			
reaction time	interval						2.67		1.77		1.86		# of strides	3.91	2.67	
	velocity			7.67			11.24		11.30		10.75	9.79		7.67	11.24	
Barnes, Winston (JAM) (1988)	time			3.95			6.67		8.47		10.37	10.37	/ 2			
reaction time	interval						2.72		1.80		1.90		# of strides	3.95	2.72	
	velocity			7.59			11.03		11.11		10.53	9.64		7.59	11.03	
Edwards, Monzavous (Rae) (USA)	time			4.02			6.74		8.55		10.41	10.41	/ 3			
reaction time	interval						2.72		1.81		1.86		# of strides	4.02	2.72	
	velocity			7.46			11.03		11.05		10.75	9.61		7.46	11.03	
Moseley, Ryan (AUT) (1982)	time			3.99			6.74		8.54		10.43	10.43	/ 4			
reaction time	interval						2.75		1.80		1.89		# of strides	3.99	2.75	
	velocity			7.52			10.91		11.11		10.58	9.59		7.52	10.91	
Robertson, Andrew (GBR) (1990)	time			3.97			6.76		8.59		10.53	10.53	/ 5			
reaction time	interval						2.79		1.83		1.94		# of strides	3.97	2.79	
	velocity			7.56			10.75		10.93		10.31	9.50		7.56	10.75	
Bodrov, Igor (UKR) (1987)	time			4.04			6.80		8.65		10.58	10.58	/ 6			
reaction time	interval						2.76		1.85		1.93		# of strides	4.04	2.76	
	velocity			7.43			10.87		10.81		10.36	9.45		7.43	10.87	
Tärnhuvud, Stefan (SWE) (1985)	time			4.04			6.81		8.66		10.58	10.58	/ 7			
reaction time	interval						2.77		1.85		1.92		# of strides	4.04	2.77	
	velocity			7.43			10.83		10.81		10.42	9.45		7.43	10.83	
de Oliveira, Nil (SWE) (1986)	time			4.06			6.87		8.73		10.67	10.67	/ 8			
reaction time	interval						2.81		1.86		1.94		# of strides	4.06	2.81	
	velocity			7.39			10.68		10.75		10.31	9.37		7.39	10.68	

B FINAL

date 08-Aug-10 wind 1.8 m/s *(2010) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Åberg, Oskar (SWE) (1989)	time			4.04			6.85		8.71		10.64	10.64	/ 1			
reaction time	interval						2.81		1.86		1.93		# of strides	4.04	2.81	
	velocity			7.43			10.68		10.75		10.36	9.40		7.43	10.68	
Johansson, Fredrik (SWE) (1986)	time			4.16			6.95		8.79		10.68	10.68	/ 2			
reaction time	interval						2.79		1.84		1.89		# of strides	4.16	2.79	
	velocity			7.21			10.75		10.87		10.58	9.36		7.21	10.75	
Zail, Emil (SWE) (1987)	time			4.08			6.92		8.80		10.77	10.77	/ 3			
reaction time	interval						2.84		1.88		1.97		# of strides	4.08	2.84	
	velocity			7.35			10.56		10.64		10.15	9.29		7.35	10.56	
Rose, Odain (SWE) (1992)	time			4.05			6.90		8.81		10.79	10.79	/ 4			
reaction time	interval						2.85		1.91		1.98		# of strides	4.05	2.85	
	velocity			7.41			10.53		10.47		10.10	9.27		7.41	10.53	
Sennung, David (SWE) (1991)	time			4.13			7.01		8.93		10.93	10.93	/ 5			
reaction time	interval						2.88		1.92		2.00		# of strides	4.13	2.88	
	velocity			7.26			10.42		10.42		10.00	9.15		7.26	10.42	
Andersson, Patrik (SWE) (1991)	time			4.20			7.07		8.99		10.96	10.96	/ 6			
reaction time	interval						2.87		1.92		1.97		# of strides	4.20	2.87	
	velocity			7.14			10.45		10.42		10.15	9.12		7.14	10.45	
Persson, Daniel (SWE) (1982)	time			4.09			6.97		8.91		10.97	10.97	/ 7			
reaction time	interval						2.88		1.94		2.06		# of strides	4.09	2.88	
	velocity			7.33			10.42		10.31		9.71	9.12		7.33	10.42	

C FINAL

date 08-Aug-10 wind 2.6 m/s *(2010) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Brännström, André (SWE) (1987)	time			4.16			7.00		8.88		10.81	10.81	/ 1			
reaction time	interval						2.84		1.88		1.93		# of strides	4.16	2.84	
	velocity			7.21			10.56		10.64		10.36	9.25		7.21	10.56	
Armfelt, Carl (SWE) (1984)	time			4.18			7.05		8.92		10.86	10.86	/ 2			

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

reaction time	interval			2.87	1.87	1.94		# of strides	4.18	2.87		
	velocity	7.18		10.45	10.70	10.31	9.21		7.18	10.45		
Andersson, Andreas (SWE) (1991)	time	4.21		7.11	9.01	10.97	10.97	/ 3				
reaction time	interval			2.90	1.90	1.96		# of strides	4.21	2.90		
	velocity	7.13		10.34	10.53	10.20	9.12		7.13	10.34		
Larsson, Niklas (SWE) (1985)	time	4.29		7.17	9.06	11.01	11.01	/ 4				
reaction time	interval			2.88	1.89	1.95		# of strides	4.29	2.88		
	velocity	6.99		10.42	10.58	10.26	9.08		6.99	10.42		
Wocalewski, Jan (SWE) (1993)	time	4.23		7.17	9.09	11.07	11.07	/ 5				
reaction time	interval			2.94	1.92	1.98		# of strides	4.23	2.94		
	velocity	7.09		10.20	10.42	10.10	9.03		7.09	10.20		
Wulff, Jonathan (SWE) (1994)	time	4.27		7.21	9.17	11.24	11.24	/ 6				
reaction time	interval			2.94	1.96	2.07		# of strides	4.27	2.94		
	velocity	7.03		10.20	10.20	9.66	8.90		7.03	10.20		

D FINAL

date 08-Aug-10 wind 2.8 m/s *(2010) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zetterberg, Johan (SWE) (1984)	time			4.12			7.04		9.00		11.03	11.03	/ 1			
reaction time	interval						2.92		1.96		2.03		# of strides	4.12	2.92	
	velocity			7.28			10.27		10.20		9.85	9.07		7.28	10.27	
Waltersson, Jonathan (SWE) (198	time			4.21			7.20		9.15		11.16	11.16	/ 2			
reaction time	interval						2.99		1.95		2.01		# of strides	4.21	2.99	
	velocity			7.13			10.03		10.26		9.95	8.96		7.13	10.03	
Öberg, Sebastian (SWE) (1986)	time			4.24			7.18		9.18		11.28	11.28	/ 3			
reaction time	interval						2.94		2.00		2.10		# of strides	4.24	2.94	
	velocity			7.08			10.20		10.00		9.52	8.87		7.08	10.20	
Ekholm, Andrej (SWE) (1989)	time			4.31			7.30		9.31		11.40	11.40	/ 4			
reaction time	interval						2.99		2.01		2.09		# of strides	4.31	2.99	
	velocity			6.96			10.03		9.95		9.57	8.77		6.96	10.03	

E FINAL

date 08-Aug-10 wind 1.6 m/s *(2010) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Näsman, Erik (SWE) (1987)	time			4.34			7.40		9.47		11.63	11.63	/ 1			
reaction time	interval						3.06		2.07		2.16		# of strides	4.34	3.06	
	velocity			6.91			9.80		9.66		9.26	8.60		6.91	9.80	
Jonsson, Per (SWE) (1988)	time			4.38			7.50		9.57		11.70	11.70	/ 2			
reaction time	interval						3.12		2.07		2.13		# of strides	4.38	3.12	
	velocity			6.85			9.62		9.66		9.39	8.55		6.85	9.62	
Persson, Marcus (SWE) (1994)	time			4.36			7.44		9.52		11.70	11.70	/ 3			
reaction time	interval						3.08		2.08		2.18		# of strides	4.36	3.08	
	velocity			6.88			9.74		9.62		9.17	8.55		6.88	9.74	
Thornberg, Nils (SWE) (1994)	time			4.41			7.66		9.82		12.03	12.03	/ 4			
reaction time	interval						3.25		2.16		2.21		# of strides	4.41	3.25	
	velocity			6.80			9.23		9.26		9.05	8.31		6.80	9.23	

2010 German National Youth Championships (Ulm, GER)

FINAL

date 07-Aug-10 wind 0.0 m/s *Graubner (2010) - http://www.fgs.uni-halle.de*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gehne, Felix (GER) (1993)	time		3.09	4.08	5.02		6.88		8.79		10.74	10.74	/ 1			
reaction time	interval			0.99	0.94		1.86		1.91		1.95	**=PB**	# of strides	4.08	2.80	
	velocity		6.47	10.10	10.64		10.75		10.47		10.26	9.31		7.35	10.71	
Domogala, Patrick (GER) (1993)	time		3.17	4.17	5.11		6.96		8.82		10.74	10.74	/ 2			
reaction time	interval			1.00	0.94		1.85		1.86		1.92		# of strides	4.17	2.79	
	velocity		6.31	10.00	10.64		10.81		10.75		10.42	9.31		7.19	10.75	
Huke, Maurice (GER) (1993)	time		3.17	4.18	5.13		7.00		8.92		10.90	10.90	/ 3			
reaction time	interval			1.01	0.95		1.87		1.92		1.98		# of strides	4.18	2.82	
	velocity		6.31	9.90	10.53		10.70		10.42		10.10	9.17		7.18	10.64	
Hock, Jochen (GER) (1993)	time		3.18	4.20	5.17		7.05		9.05		11.07	11.07	/ 4			
reaction time	interval			1.02	0.97		1.88		2.00		2.02		# of strides	4.20	2.85	
	velocity		6.29	9.80	10.31		10.64		10.00		9.90	9.03		7.14	10.53	
Lohmann, Jonas (GER) (1993)	time		3.22	4.24	5.20		7.07		9.08		11.12	11.12	/ 5			
reaction time	interval			1.02	0.96		1.87		2.01		2.04		# of strides	4.24	2.83	

	velocity	6.21	9.80	10.42	10.70	9.95	9.80	8.99		7.08	10.60	
Schwarze, Dennis (GER) (1993)	time	3.19	4.22	5.20	7.07	9.10	11.14	11.14	/ 6			
reaction time	interval		1.03	0.98	1.87	2.03	2.04		# of strides	4.22	2.85	
	velocity	6.27	9.71	10.20	10.70	9.85	9.80	8.98		7.11	10.53	
Mittler, Fabian (GER) (1993)	time	3.21	4.23	5.19			14.62	14.62	/ 7			
reaction time	interval		1.02	0.96			9.43		# of strides	4.23		
	velocity	6.23	9.80	10.42			6.36	6.84		7.09		

Semi-Final 3

date 07-Aug-10 wind 0.0 m/s *Graubner (2010) - http://www.fgs.uni-halle.de*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Mittler, Fabian (GER) (1993)	time		3.18	4.20	5.17		7.11		9.04		11.05	11.05	/ 2			
reaction time	interval			1.02	0.97		1.94		1.93		2.01		# of strides	4.20	2.91	
	velocity		6.29	9.80	10.31		10.31		10.36		9.95	9.05		7.14	10.31	

Semi-Final 2

date 07-Aug-10 wind 0.5 m/s *Graubner (2010) - http://www.fgs.uni-halle.de*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lohmann, Jonas (GER) (1993)	time		3.10	4.12	5.09		7.00		8.96		10.97	10.97	/ 2			
reaction time	interval			1.02	0.97		1.91		1.96		2.01		# of strides	4.12	2.88	
	velocity		6.45	9.80	10.31		10.47		10.20		9.95	9.12		7.28	10.42	

Semi-Final 1

date 07-Aug-10 wind 1.0 m/s *Graubner (2010) - http://www.fgs.uni-halle.de*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Domogala, Patrick (GER) (1993)	time		3.18	4.16	5.10		6.94		8.78		10.68	10.68	/ 1			
reaction time	interval			0.98	0.94		1.84		1.84		1.90		# of strides	4.16	2.78	
	velocity		6.29	10.20	10.64		10.87		10.87		10.53	9.36		7.21	10.79	

2010 German National Junior Championships (Ulm, GER)

FINAL

date 06-Aug-10 wind 0.5 m/s *Graubner (2010) - http://www.fgs.uni-halle.de*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Erewa, Robin (GER) (1991)	time		3.14	4.12	5.05		6.90		8.74		10.63	10.63	/ 1			
reaction time	interval			0.98	0.93		1.85		1.84		1.89	PB	# of strides	4.12	2.78	
	velocity		6.37	10.20	10.75		10.81		10.87		10.58	9.41		7.28	10.79	
Kirstges, Marcel (GER) (1991)	time		3.19	4.17	5.10		6.97		8.86		10.75	10.75	/ 2			
reaction time	interval			0.98	0.93		1.87		1.89		1.89	PB	# of strides	4.17	2.80	
	velocity		6.27	10.20	10.75		10.70		10.58		10.58	9.30		7.19	10.71	
Stinski, Timo (GER) (1992)	time		3.10	4.10	5.04		6.91		8.81		10.76	10.76	/ 3			
reaction time	interval			1.00	0.94		1.87		1.90		1.95		# of strides	4.10	2.81	
	velocity		6.45	10.00	10.64		10.70		10.53		10.26	9.29		7.32	10.68	
Schmidt, Roy (GER) (1991)	time		3.12	4.10	5.04		6.90		8.80		10.78	10.78	/ 4			
reaction time	interval			0.98	0.94		1.86		1.90		1.98		# of strides	4.10	2.80	
	velocity		6.41	10.20	10.64		10.75		10.53		10.10	9.28		7.32	10.71	
Pieper, Christopher (GER) (1992)	time		3.10	4.08	5.01		6.88		8.81		10.81	10.81	/ 5			
reaction time	interval			0.98	0.93		1.87		1.93		2.00		# of strides	4.08	2.80	
	velocity		6.45	10.20	10.75		10.70		10.36		10.00	9.25		7.35	10.71	
Kuhn, Patrick (GER) (1992)	time		3.09	4.14	5.14		7.00		8.88		10.81	10.81	/ 6			
reaction time	interval			1.05	1.00		1.86		1.88		1.93		# of strides	4.14	2.86	
	velocity		6.47	9.52	10.00		10.75		10.64		10.36	9.25		7.25	10.49	
Wobeto, Philipp (GER) (1991)	time		3.15	4.14	5.08		7.06		8.97		10.95	10.95	/ 7			
reaction time	interval			0.99	0.94		1.98		1.91		1.98		# of strides	4.14	2.92	
	velocity		6.35	10.10	10.64		10.10		10.47		10.10	9.13		7.25	10.27	
Michel, Andreas (GER) (1992)	time		3.17	4.19	5.16		7.07		9.00		11.00	11.00	/ 8			
reaction time	interval			1.02	0.97		1.91		1.93		2.00		# of strides	4.19	2.88	
	velocity		6.31	9.80	10.31		10.47		10.36		10.00	9.09		7.16	10.42	

Semi-Final 2

date 06-Aug-10 wind -0.4 m/s *Graubner (2010) - http://www.fgs.uni-halle.de*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Pieper, Christopher (GER) (1992)	time		3.11	4.09	5.03		6.91		8.82		10.78	10.78	/ 1			
reaction time	interval			0.98	0.94		1.88		1.91		1.96	PB	# of strides	4.09	2.82	
	velocity		6.43	10.20	10.64		10.64		10.47		10.20	9.28		7.33	10.64	
Wobeto, Philipp (GER) (1991)	time		3.17	4.17	5.12		7.00		8.90		10.89	10.89	/ 2			
reaction time	interval			1.00	0.95		1.88		1.90		1.99		# of strides	4.17	2.83	
	velocity		6.31	10.00	10.53		10.64		10.53		10.05	9.18		7.19	10.60	
Michel, Andreas (GER) (1992)	time		3.16	4.16	5.11		7.00		8.93		10.90	10.90	/ 3			
reaction time	interval			1.00	0.95		1.89		1.93		1.97		# of strides	4.16	2.84	
	velocity		6.33	10.00	10.53		10.58		10.36		10.15	9.17		7.21	10.56	

Semi-Final 1

date 06-Aug-10 wind 1.0 m/s

Graubner (2010) - http://www.fgs.uni-halle.de

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Erewa, Robin (GER) (1991)	time		3.15	4.14	5.08		6.92		8.77		10.65	10.65	/ 1			
reaction time	interval			0.99	0.94		1.84		1.85		1.88		# of strides	4.14	2.78	
	velocity		6.35	10.10	10.64		10.87		10.81		10.64	9.39		7.25	10.79	
Schmidt, Roy (GER) (1991)	time		3.13	4.11	5.05		6.89		8.77		10.70	10.70	/ 2			
reaction time	interval			0.98	0.94		1.84		1.88		1.93		# of strides	4.11	2.78	
	velocity		6.39	10.20	10.64		10.87		10.64		10.36	9.35		7.30	10.79	
Kuhn, Patrick (GER) (1992)	time		3.13	4.13	5.08		6.95		8.83		10.76	10.76	/ 3			
reaction time	interval			1.00	0.95		1.87		1.88		1.93		# of strides	4.13	2.82	
	velocity		6.39	10.00	10.53		10.70		10.64		10.36	9.29		7.26	10.64	

2010 Japanese National High School Championships (Okinawa, JPN)

FINAL

date 30-Jul-10 wind -2.1 m/s

Matsuo (2010) - 63rd high school championships: JAF scientific committee - biomechanics data collection

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kuki, Takumi (JPN) (1992)	time	1.93	3.00		4.92	5.85	6.79	7.73	8.69	9.66	10.66	10.66	3 / 1			
reaction time	interval		1.07		1.92	0.93	0.94	0.94	0.96	0.97	1.00		# of strides			2.87
	velocity	5.18	9.35		10.42	10.75	10.64	10.64	10.42	10.31	10.00	9.38				10.45
Nakayama, Yasushi (JPN) (1992)	time	1.87	2.94		4.90	5.84	6.79	7.74	8.72	9.69	10.69	10.69	6 / 2			
reaction time	interval		1.07		1.96	0.94	0.95	0.95	0.98	0.97	1.00		# of strides			2.90
	velocity	5.35	9.35		10.20	10.64	10.53	10.53	10.20	10.31	10.00	9.35				10.34
Yamagata, Ryota (JPN) (1992)	time	1.86	2.93		4.90	5.84	6.80	7.77	8.73	9.70	10.69	10.69	5 / 3			
reaction time	interval		1.07		1.97	0.94	0.96	0.97	0.96	0.97	0.99		# of strides			2.90
	velocity	5.38	9.35		10.15	10.64	10.42	10.31	10.42	10.31	10.10	9.35				10.34
Takeshita, Yuki (JPN) (1992)	time	1.96	3.06		5.02	5.97	6.93	7.88	8.86	9.84	10.85	10.85	2 / 4			
reaction time	interval		1.10		1.96	0.95	0.96	0.95	0.98	0.98	1.01		# of strides			2.91
	velocity	5.10	9.09		10.20	10.53	10.42	10.53	10.20	10.20	9.90	9.22				10.31
Nashimoto, Masaki (JPN) (1993)	time	1.89	2.97		4.94	5.92	6.88	7.87	8.85	9.85	10.88	10.88	7 / 5			
reaction time	interval		1.08		1.97	0.98	0.96	0.99	0.98	1.00	1.03		# of strides			2.97
	velocity	5.29	9.26		10.15	10.20	10.42	10.10	10.20	10.00	9.71	9.19				10.10
Sakaguchi, Takyua (JPN) (1992)	time	2.00	3.07		5.06	6.00	6.97	7.93	8.91	9.90	10.93	10.93	4 / 6			
reaction time	interval		1.07		1.99	0.94	0.97	0.96	0.98	0.99	1.03		# of strides			2.93
	velocity	5.00	9.35		10.05	10.64	10.31	10.42	10.20	10.10	9.71	9.15				10.24
Miyauchi, Kosei (JPN) (1992)	time	1.93	3.03		5.04	6.01	6.98	7.97	8.96	9.95	10.97	10.97	8 / 7			
reaction time	interval		1.10		2.01	0.97	0.97	0.99	0.99	0.99	1.02		# of strides			2.97
	velocity	5.18	9.09		9.95	10.31	10.31	10.10	10.10	10.10	9.80	9.12				10.10
Oseto, Kazuma (JPN) (1994)	time	1.92	3.01		5.02	5.99	6.97	7.95	8.70	9.94	10.99	10.99	1 / 8			
reaction time	interval		1.09		2.01	0.97	0.98	0.98	0.75	1.24	1.05		# of strides			2.97
	velocity	5.21	9.17		9.95	10.31	10.20	10.20	13.33	8.06	9.52	9.10				10.10

2010 Japanese National Multi-Event Championships (Kawasaki, JPN)

Decathlon - Heat ??

date 12-Jun-10 wind -0.9 m/s

Hisashi (2012) - perfromance analysis of Japanese record holder Keisuke Ushiro

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.04	3.17	4.21	5.23	6.25	7.26	8.27	9.31	10.36	11.45	11.45	???			
reaction time	interval		1.13	1.04	1.02	1.02	1.01	1.01	1.04	1.05	1.09		# of strides	4.21	3.05	3.10
	velocity	4.90	8.85	9.62	9.80	9.80	9.90	9.90	9.62	9.52	9.17	8.73		7.13	9.84	9.68

Decathlon - Heat ??

date 12-Jun-10 wind -0.6 m/s

Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)	time	1.95	3.05	4.05	5.02	5.98	6.94	7.89	8.86	9.83	10.82	10.82	???			
reaction time	interval		1.10	1.00	0.97	0.96	0.96	0.95	0.97	0.97	0.99		# of strides	4.05	2.89	2.89
	velocity	5.13	9.09	10.00	10.31	10.42	10.42	10.53	10.31	10.31	10.10	9.24		7.41	10.38	10.38

2010 Japanese National Championships (Marugame, JPN)

FINAL

date 06-Jun-10 wind 0.0 m/s

Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sakuma, Kota (JPN) (1985)	time			3.99			6.75				10.48	10.48	5 / 5			
reaction time 0.136	interval						2.76				3.73		# of strides	3.99	2.76	
	velocity			7.52			10.87				10.72	9.54	50.0	7.52	10.87	

Semi-Final 2

date 06-Jun-10 wind -0.7 m/s

Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sakuma, Kota (JPN) (1985)	time			3.96			6.72				10.47	10.47	/ 2			
reaction time 0.140	interval						2.76				3.75		# of strides	3.96	2.76	
	velocity			7.58			10.87				10.67	9.55	50.3	7.58	10.87	

Semi-Final 1
date 06-Jun-10 wind 1.2 m/s — *Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Miyazaki, Hisashi (JPN) (1981)		time	1.94	2.99	3.95	4.87	5.77	6.67	7.58	8.49	9.42	10.37	10.37	4 / 2			
reaction time	0.146	interval		1.05	0.96	0.92	0.90	0.90	0.91	0.91	0.93	0.95		# of strides	3.95	2.72	2.75
		velocity	5.15	9.52	10.42	10.87	11.11	11.11	10.99	10.99	10.75	10.53	9.64	46.1	7.59	11.03	10.91

Heat 4
date 05-Jun-10 wind 1.8 m/s — *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Eriguchi, Masashi (JPN) (1988)		time	1.91	2.95	3.89	4.78	5.66	6.53	7.41	8.30	9.22	10.16	10.16	5 / 1			
reaction time	0.116	interval		1.04	0.94	0.89	0.88	0.87	0.88	0.89	0.92	0.94		# of strides	3.89	2.64	2.69
		velocity	5.24	9.62	10.64	11.24	11.36	11.49	11.36	11.24	10.87	10.64	9.84	47.9	7.71	11.36	11.15

Heat 2
date 05-Jun-10 wind -0.3 m/s — *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sakuma, Kota (JPN) (1985)		time			3.97			6.70				10.40	10.40	7 / 1			
reaction time	0.163	interval						2.73				3.70		# of strides	3.97	2.73	
		velocity			7.56			10.99				10.81	9.62	49.8	7.56	10.99	

2010 East Japan Corporate Championships (Kumagaya, JPN)

FINAL
date 15-May-10 wind 0.0 m/s — *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tsukahara, Naoki (JPN) (1985)		time			3.90			6.63				10.30	10.30	/ 1			
reaction time		interval						2.73				3.67		# of strides	3.90	2.73	
		velocity			7.69			10.99				10.90	9.71	47.4	7.69	10.99	
Sakuma, Kota (JPN) (1985)		time			3.98			6.74				10.46	10.46	/ 2			
reaction time		interval						2.76				3.72		# of strides	3.98	2.76	
		velocity			7.54			10.87				10.75	9.56	49.6	7.54	10.87	

Semi-Final ???
date 15-May-10 wind ??? — *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Miyazaki, Hisashi (JPN) (1981)		time			3.96			6.68				10.37	10.37	???			
reaction time		interval						2.72				3.69		# of strides	3.96	2.72	
		velocity			7.58			11.03				10.84	9.64	46.1	7.58	11.03	

2010 Osaka Grand Prix (Osaka, JPN)

FINAL
date 08-May-10 wind 0.0 m/s — *Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Frater, Michael (JAM) (1982)		time	1.93	3.00	3.94	4.84	5.73	6.62	7.50	8.40	9.31	10.24	10.24	/ 1			
reaction time		interval		1.07	0.94	0.90	0.89	0.89	0.88	0.90	0.91	0.93		# of strides	3.94	2.68	2.69
		velocity	5.18	9.35	10.64	11.11	11.24	11.24	11.36	11.11	10.99	10.75	9.77	49.7	7.61	11.19	11.15
Tsukahara, Naoki (JPN) (1985)		time	1.93	2.99	3.95	4.86	5.77	6.67	7.57	8.48	9.41	10.36	10.36	/ 3			
reaction time		interval		1.06	0.96	0.91	0.91	0.90	0.90	0.91	0.93	0.95		# of strides	3.95	2.72	2.74
		velocity	5.18	9.43	10.42	10.99	10.99	11.11	11.11	10.99	10.75	10.53	9.65	46.9	7.59	11.03	10.95

2010 Mikio Oda Memorial (Hiroshima, JPN)

FINAL
date 29-Apr-10 wind -0.1 m/s — *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sakuma, Kota (JPN) (1985)		time			3.99			6.73				10.42	10.42	/ 1			
reaction time		interval						2.74				3.69		# of strides	3.99	2.74	
		velocity			7.52			10.95				10.84	9.60	50.3	7.52	10.95	

B Race
date 29-Apr-10 wind 1.6 m/s — *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fujimitsu, Kenji (JPN) (1986)		time			3.96			6.71				10.40	10.40	/ 1			
reaction time		interval						2.75				3.69	PB	# of strides	3.96	2.75	
		velocity			7.58			10.91				10.84	9.62	46.1	7.58	10.91	

Heat 2
date 29-Apr-10 wind 0.3 m/s — *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sakuma, Kota (JPN) (1985)		time			3.95			6.69				10.37	10.37	/ 1			
reaction time		interval						2.74				3.68		# of strides	3.95	2.74	
		velocity			7.59			10.95				10.87	9.64	50.0	7.59	10.95	

Heat ???
date 29-Apr-10 wind ??? — *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Saito, Hitoshi (JPN) (1986)		time			4.05			6.83				10.55	10.55	???			
reaction time		interval						2.78				3.72		# of strides	4.05	2.78	
		velocity			7.41			10.79				10.75	9.48	45.7	7.41	10.79	

2010 Wakayama Athletics Meeting (Wakayama, JPN)

Decathlon - Heat 1
date 24-Apr-10 wind 1.9 m/s — *Hisashi (2012) - perfromance analysis of Japanese record holder Keisuke Ushiro*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ushiro, Keisuke (JPN) (1986)	time	2.02	3.15	4.19	5.20	6.19	7.19	8.18	9.19	10.22	11.27	11.27	3 / 6			
reaction time	interval		1.13	1.04	1.01	0.99	1.00	0.99	1.01	1.03	1.05	PB	# of strides	4.19	3.00	3.03
	velocity	4.95	8.85	9.62	9.90	10.10	10.00	10.10	9.90	9.71	9.52	8.87		7.16	10.00	9.90

2009 Gunma Relays (Maebashi, JPN)

Decathlon - Heat 2

date 10-Oct-09 wind 1.3 m/s

Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakamura, Akihiko (JPN) (1990)	time	1.96	3.06	4.08	5.06	6.02	6.98	7.94	8.91	9.90	10.93	10.93	5 / 1			
reaction time	interval		1.10	1.02	0.98	0.96	0.96	0.96	0.97	0.99	1.03		# of strides	4.08	2.90	2.92
	velocity	5.10	9.09	9.80	10.20	10.42	10.42	10.42	10.31	10.10	9.71	9.15		7.35	10.34	10.27

2009 Seiko Super Grand Prix (Kawasaki, JPN)

FINAL

date 23-Sep-09 wind 0.5 m/s

Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gay, Tyson (USA) (1982)	time	1.93	2.99	3.92	4.82	5.69	6.56	7.43	8.30	9.20	10.13	10.13	/ 1			
reaction time	interval		1.06	0.93	0.90	0.87	0.87	0.87	0.87	0.90	0.93		# of strides	3.92	2.64	2.64
	velocity	5.18	9.43	10.75	11.11	11.49	11.49	11.49	11.49	11.11	10.75	9.87		7.65	11.36	11.36

2009 Japanese National University Championsips (Tokyo, JPN)

FINAL

date 05-Sep-09 wind 1.2 m/s

Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Eriguchi, Masashi (JPN) (1988)	time			3.89			6.55				10.13	10.13	/ 1			
reaction time	interval						2.66				3.58		# of strides	3.89	2.66	
	velocity			7.71			11.28				11.17	9.87	48.1	7.71	11.28	

Semi-Final ??

date 04-Sep-09 wind ???

Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Saito, Hitoshi (JPN) (1986)	time			3.99			6.77				10.49	10.49	???			
reaction time	interval						2.78				3.72		# of strides	3.99	2.78	
	velocity			7.52			10.79				10.75	9.53	46.3	7.52	10.79	

2009 IAAF World Championships (Berlin, GER)

Decathlon - Heat 5

date 19-Aug-09 wind -0.4 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Coertzen, Willem (RSA) (1982)	time		3.14		5.09		7.01		8.91		10.89	10.89	2 / 1			
reaction time 0.181	interval				1.95		1.92		1.90		1.98	PB	# of strides			
	velocity		6.37		10.26		10.42		10.53		10.10	9.18				
Wiberg, Nicklas (SWE) (1985)	time		3.15		5.11		7.04		8.97		10.96	10.96	1 / 2			
reaction time 0.161	interval				1.96		1.93		1.93		1.99	PB	# of strides			
	velocity		6.35		10.20		10.36		10.36		10.05	9.12				
Arnold, Jake (USA) (1984)	time		3.13		5.10		7.06		8.99		11.01	11.01	3 / 4			
reaction time 0.163	interval				1.97		1.96		1.93		2.02	=PB	# of strides			
	velocity		6.39		10.15		10.20		10.36		9.90	9.08				
Barras, Romain (FRA) (1980)	time		3.20		5.21		7.18		9.12		11.14	11.14	4 / 7			
reaction time 0.158	interval				2.01		1.97		1.94		2.02		# of strides			
	velocity		6.25		9.95		10.15		10.31		9.90	8.98				

Decathlon - Heat 4

date 19-Aug-09 wind 0.0 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Behrenbruch, Pascal (GER) (1985)	time		3.10		5.07		7.00		8.92		10.92	10.92	4 / 2			
reaction time 0.135	interval				1.97		1.93		1.92		2.00		# of strides			
	velocity		6.45		10.15		10.36		10.42		10.00	9.16				
Müller, Norman (GER) (1985)	time		3.13		5.13		7.07		8.99		11.01	11.01	7 / 4			
reaction time 0.131	interval				2.00		1.94		1.92		2.02		# of strides			
	velocity		6.39		10.00		10.31		10.42		9.90	9.08				
Sintnicolaas, Eelco (NED) (1987)	time		3.17		5.16		7.11		9.04		11.05	11.05	5 / 6			
reaction time 0.166	interval				1.99		1.95		1.93		2.01		# of strides			
	velocity		6.31		10.05		10.26		10.36		9.95	9.05				
Suárez, Leonel (CUB) (1987)	time		3.10		5.10		7.07		9.06		11.13	11.13	8 / 8			
reaction time 0.154	interval				2.00		1.97		1.99		2.07		# of strides			
	velocity		6.45		10.00		10.15		10.05		9.66	8.98				

Decathlon - Heat 3

date 19-Aug-09 wind 0.2 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hardee, Trey (USA) (1984)	time		2.98		4.87		6.70		8.54		10.45	10.45	5 / 1			
reaction time 0.130	interval				1.89		1.83		1.84		1.91		# of strides			
	velocity		6.71		10.58		10.93		10.87		10.47	9.57				
Eaton, Ashton (USA) (1988)	time		3.00		4.90		6.77		8.61		10.53	10.53	2 / 2			

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		velocity	6.90	10.75	11.36	11.49	11.63	11.36	10.07	43.7	7.83	11.45	
Chambers, Dwain (GBR) (1978)		time	2.93	3.86	4.75	6.50	8.22	10.00	10.00	1 / 6			*Graubner (2009)*
reaction time	0.123	interval		0.93	0.89	1.75	1.72	1.78		# of strides	3.86	2.64	
		velocity	6.83	10.75	11.24	11.43	11.63	11.24	10.00	42.7	7.77	11.36	
Burns, Marc (TTO) (1983)		time	2.94	3.87	4.76	6.52	8.24	10.00	10.00	2 / 7			*Graubner (2009)*
reaction time	0.165	interval		0.93	0.89	1.76	1.72	1.76		# of strides	3.87	2.65	
		velocity	6.80	10.75	11.24	11.36	11.63	11.36	10.00	44.1	7.75	11.32	
Patton, Darvis (USA) (1977)		time	2.96	3.93	4.85	6.65	8.42	10.34	10.34	7 / 8			*Graubner (2009)*
reaction time	0.149	interval		0.97	0.92	1.80	1.77	1.92		# of strides	3.93	2.72	
		velocity	6.76	10.31	10.87	11.11	11.30	10.42	9.67	46.1	7.63	11.03	

Semi-Final 2

date 16-Aug-09 wind -0.2 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gay, Tyson (USA) (1982)		time		2.99	3.92	4.80		6.54		8.21		9.93	9.93	5 / 1			
reaction time	0.143	interval			0.93	0.88		1.74		1.67		1.72		# of strides	3.92	2.62	
		velocity		6.69	10.75	11.36		11.49		11.98		11.63	10.07	44.5	7.65	11.45	
Powell, Asafa (JAM) (1982)		time		2.92	3.85	4.73		6.47		8.17		9.95	9.95	4 / 2			
reaction time	0.133	interval			0.93	0.88		1.74		1.70		1.78		# of strides	3.85	2.62	
		velocity		6.85	10.75	11.36		11.49		11.76		11.24	10.05	43.5	7.79	11.45	
Thompson, Richard (TTO) (1985)		time		2.92	3.85	4.74		6.51		8.22		9.98	9.98	3 / 3			
reaction time	0.132	interval			0.93	0.89		1.77		1.71		1.76		# of strides	3.85	2.66	
		velocity		6.85	10.75	11.24		11.30		11.70		11.36	10.02	44.0	7.79	11.28	
Chambers, Dwain (GBR) (1978)		time		2.96	3.90	4.79		6.55		8.26		10.04	10.04	6 / 4			
reaction time	0.182	interval			0.94	0.89		1.76		1.71		1.78		# of strides	3.90	2.65	
		velocity		6.76	10.64	11.24		11.36		11.70		11.24	9.96	44.7	7.69	11.32	
Frater, Michael (JAM) (1982)		time		2.97	3.91	4.81		6.59		8.31		10.14	10.14	7 / 5			
reaction time	0.153	interval			0.94	0.90		1.78		1.72		1.83		# of strides	3.91	2.68	
		velocity		6.73	10.64	11.11		11.24		11.63		10.93	9.86	49.0	7.67	11.19	
Edwards, Monzavous (Rae) (USA)		time		3.01	3.97	4.89		6.67		8.38		10.14	10.14	2 / 6			
reaction time	0.146	interval			0.96	0.92		1.78		1.71		1.76		# of strides	3.97	2.70	
		velocity		6.64	10.42	10.87		11.24		11.70		11.36	9.86	45.5	7.56	11.11	
Phiri, Gerald (ZAM) (1988)		time		2.93	3.88	4.79		6.59		8.36		10.19	10.19	1 / 7			
reaction time	0.143	interval			0.95	0.91		1.80		1.77		1.83		# of strides	3.88	2.71	
		velocity		6.83	10.53	10.99		11.11		11.30		10.93	9.81	46.0	7.73	11.07	
Tsukahara, Naoki (JPN) (1985)		time		2.98	3.94	4.86		6.67		8.44		10.25	10.25	8 / 8			
reaction time	0.152	interval			0.96	0.92		1.81		1.77		1.81		# of strides	3.94	2.73	
		velocity		6.71	10.42	10.87		11.05		11.30		11.05	9.76	43.0	7.61	10.99	

Semi-Final 1

date 16-Aug-09 wind 0.2 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bolt, Usain (JAM) (1986)		time		2.89	3.81	4.68		6.41		8.11		9.89	9.89	6 / 1			
reaction time	0.135	interval			0.92	0.87		1.73		1.70		1.78		# of strides	3.81	2.60	
		velocity		6.92	10.87	11.49		11.56		11.76		11.24	10.11	40.0	7.87	11.54	
Bailey, Daniel (ANT) (1986)		time		2.93	3.86	4.74		6.49		8.19		9.96	9.96	4 / 2			
reaction time	0.135	interval			0.93	0.88		1.75		1.70		1.77		# of strides	3.86	2.63	
		velocity		6.83	10.75	11.36		11.43		11.76		11.30	10.04	48.0	7.77	11.41	
Patton, Darvis (USA) (1977)		time		2.96	3.89	4.78		6.51		8.21		9.98	9.98	3 / 3			
reaction time	0.152	interval			0.93	0.89		1.73		1.70		1.77		# of strides	3.89	2.62	
		velocity		6.76	10.75	11.24		11.56		11.76		11.30	10.02	46.0	7.71	11.45	
Burns, Marc (TTO) (1983)		time		2.95	3.88	4.76		6.52		8.23		10.01	10.01	8 / 4			
reaction time	0.159	interval			0.93	0.88		1.76		1.71		1.78		# of strides	3.88	2.64	
		velocity		6.78	10.75	11.36		11.36		11.70		11.24	9.99	43.0	7.73	11.36	
Rodgers, Michael (USA) (1985)		time		2.95	3.89	4.79		6.55		8.27		10.04	10.04	5 / 5			
reaction time	0.154	interval			0.94	0.90		1.76		1.72		1.77		# of strides	3.89	2.66	
		velocity		6.78	10.64	11.11		11.36		11.63		11.30	9.96	44.5	7.71	11.28	
Mbandjock, Martial (FRA) (1985)		time		3.06	4.01	4.92		6.69		8.41		10.18	10.18	1 / 6			
reaction time	0.138	interval			0.95	0.91		1.77		1.72		1.77		# of strides	4.01	2.68	
		velocity		6.54	10.53	10.99		11.30		11.63		11.30	9.82	43.5	7.48	11.19	
Saidy Ndure, Jaysuma (NOR) (198		time		2.96	3.91	4.81		6.60		8.36		10.20	10.20	2 / 7			
reaction time	0.143	interval			0.95	0.90		1.79		1.76		1.84		# of strides	3.91	2.69	
		velocity		6.76	10.53	11.11		11.17		11.36		10.87	9.80	44.0	7.67	11.15	

Edgar, Tyrone (GBR) (1982) no information available **DQ** 7 / --

Quarter-Final 5

date 15-Aug-09 wind 0.1 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bailey, Daniel (ANT) (1986)		time		2.99	3.89	4.74		6.49		8.20		10.02	10.02	3 / 1			
reaction time	0.149	interval			0.90	0.85		1.75		1.71		1.82		# of strides	3.89	2.60	
		velocity		6.69	11.11	11.76		11.43		11.70		10.99	9.98		7.71	11.54	
Bolt, Usain (JAM) (1986)		time		2.93	3.85	4.73		6.47		8.20		10.03	10.03	4 / 2			
reaction time	0.155	interval			0.92	0.88		1.74		1.73		1.83		# of strides	3.85	2.62	
		velocity		6.83	10.87	11.36		11.49		11.56		10.93	9.97		7.79	11.45	
Edwards, Monzavous (Rae) (USA)		time		3.01	3.97	4.88		6.66		8.38		10.15	10.15	7 / 3			
reaction time	0.157	interval			0.96	0.91		1.78		1.72		1.77		# of strides	3.97	2.69	
		velocity		6.64	10.42	10.99		11.24		11.63		11.30	9.85		7.56	11.15	
Martina, Churandy (AHO) (1984)		time		3.10	4.06	4.97		6.74		8.44		10.19	10.19	8 / 4			
reaction time	0.205	interval			0.96	0.91		1.77		1.70		1.75		# of strides	4.06	2.68	
		velocity		6.45	10.42	10.99		11.30		11.76		11.43	9.81		7.39	11.19	
Williamson, Simeon (GBR) (1986)		time		3.00	3.95	4.86		6.64		8.40		10.23	10.23	5 / 5			
reaction time	0.156	interval			0.95	0.91		1.78		1.76		1.83		# of strides	3.95	2.69	
		velocity		6.67	10.53	10.99		11.24		11.36		10.93	9.78		7.59	11.15	
Palacios, Rolando (HON) (1987)		time		3.06	4.01	4.91		6.70		8.45		10.24	10.24	2 / 6			
reaction time	0.215	interval			0.95	0.90		1.79		1.75		1.79		# of strides	4.01	2.69	
		velocity		6.54	10.53	11.11		11.17		11.43		11.17	9.77		7.48	11.15	
Callender, Emmanuel (TTO) (1984)		time		2.98	3.94	4.85		6.65		8.42		10.27	10.27	6 / 7			
reaction time	0.149	interval			0.96	0.91		1.80		1.77		1.85		# of strides	3.94	2.71	
		velocity		6.71	10.42	10.99		11.11		11.30		10.81	9.74		7.61	11.07	
Kuć, Dariusz (POL) (1986)		time		3.05	4.01	4.93		6.74		8.53		10.38	10.38	1 / 8			
reaction time	0.184	interval			0.96	0.92		1.81		1.79		1.85		# of strides	4.01	2.73	
		velocity		6.56	10.42	10.87		11.05		11.17		10.81	9.63		7.48	10.99	

Quarter-Final 4

date 15-Aug-09 wind 0.1 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gay, Tyson (USA) (1982)		time		2.97	3.90	4.79		6.53		8.22		9.98	9.98	6 / 1			
reaction time	0.155	interval			0.93	0.89		1.74		1.69		1.76		# of strides	3.90	2.63	
		velocity		6.73	10.75	11.24		11.49		11.83		11.36	10.02		7.69	11.41	
Frater, Michael (JAM) (1982)		time		2.95	3.89	4.78		6.54		8.28		10.09	10.09	5 / 2			
reaction time	0.142	interval			0.94	0.89		1.76		1.74		1.81		# of strides	3.89	2.65	
		velocity		6.78	10.64	11.24		11.36		11.49		11.05	9.91		7.71	11.32	
Saidy Ndure, Jaysuma (NOR) (198		time		2.96	3.90	4.79		6.58		8.33		10.16	10.16	3 / 3			
reaction time	0.146	interval			0.94	0.89		1.79		1.75		1.83		# of strides	3.90	2.68	
		velocity		6.76	10.64	11.24		11.17		11.43		10.93	9.84		7.69	11.19	
Hinds, Andrew (BAR) (1984)		time		2.96	3.91	4.82		6.61		8.38		10.23	10.23	4 / 4			
reaction time	0.128	interval			0.95	0.91		1.79		1.77		1.85		# of strides	3.91	2.70	
		velocity		6.76	10.53	10.99		11.17		11.30		10.81	9.78		7.67	11.11	
Griffith, Adrian (BAH) (1984)		time		3.02	3.97	4.88		6.68		8.45		10.28	10.28	1 / 5			
reaction time	0.160	interval			0.95	0.91		1.80		1.77		1.83		# of strides	3.97	2.71	
		velocity		6.62	10.53	10.99		11.11		11.30		10.93	9.73		7.56	11.07	
Metu, Obinna (NGR) (1988)		time		2.96	3.93	4.86		6.70		8.49		10.36	10.36	7 / 6			
reaction time	0.118	interval			0.97	0.93		1.84		1.79		1.87		# of strides	3.93	2.77	
		velocity		6.76	10.31	10.75		10.87		11.17		10.70	9.65		7.63	10.83	
Cerutti, Fabio (ITA) (1985)		time		2.95	3.92	4.85		6.68		8.50		10.37	10.37	8 / 7			
reaction time	0.136	interval			0.97	0.93		1.83		1.82		1.87		# of strides	3.92	2.76	
		velocity		6.78	10.31	10.75		10.93		10.99		10.70	9.64		7.65	10.87	
Rodríguez, Ángel David (ESP) (19		time		3.00	3.98	4.91		6.74		8.54		10.39	10.39	2 / 8			
reaction time	0.149	interval			0.98	0.93		1.83		1.80		1.85		# of strides	3.98	2.76	
		velocity		6.67	10.20	10.75		10.93		11.11		10.81	9.62		7.54	10.87	

Quarter-Final 3

date 15-Aug-09 wind -0.4 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Powell, Asafa (JAM) (1982)		time		2.89	3.81	4.69		6.41		8.10		9.95	9.95	1 / 1			
reaction time	0.130	interval			0.92	0.88		1.72		1.69		1.85		# of strides	3.81	2.60	
		velocity		6.92	10.87	11.36		11.63		11.83		10.81	10.05		7.87	11.54	

Patton, Darvis (USA) (1977)		time	2.99	3.90	4.76	6.51	8.21	10.05	10.05	3 / 2			
reaction time	0.141	interval		0.91	0.86	1.75	1.70	1.84		# of strides	3.90	2.61	
		velocity	6.69	10.99	11.63	11.43	11.76	10.87	9.95		7.69	11.49	
Burns, Marc (TTO) (1983)		time	2.97	3.91	4.81	6.59	8.32	10.12	10.12	8 / 3			
reaction time	0.184	interval		0.94	0.90	1.78	1.73	1.80		# of strides	3.91	2.68	
		velocity	6.73	10.64	11.11	11.24	11.56	11.11	9.88		7.67	11.19	
Collins, Kim (SKN) (1976)		time	2.94	3.89	4.80	6.61	8.37	10.20	10.20	5 / 4			
reaction time	0.157	interval		0.95	0.91	1.81	1.76	1.83		# of strides	3.89	2.72	
		velocity	6.80	10.53	10.99	11.05	11.36	10.93	9.80		7.71	11.03	
Francis, Samuel (QAT) (1987)		time	2.95	3.90	4.80	6.60	8.35	10.20	10.20	6 / 5			
reaction time	0.147	interval		0.95	0.90	1.80	1.75	1.85		# of strides	3.90	2.70	
		velocity	6.78	10.53	11.11	11.11	11.43	10.81	9.80		7.69	11.11	
Fasuba, Oljusoji (NGR) (1984)		time	2.96	3.91	4.81	6.62	8.40	10.25	10.25	4 / 6			
reaction time	0.174	interval		0.95	0.90	1.81	1.78	1.85		# of strides	3.91	2.71	
		velocity	6.76	10.53	11.11	11.05	11.24	10.81	9.76		7.67	11.07	
Pognon, Ronald (FRA) (1982)		time	2.99	3.94	4.85	6.64	8.42	10.27	10.27	7 / 7			
reaction time	0.149	interval		0.95	0.91	1.79	1.78	1.85		# of strides	3.94	2.70	
		velocity	6.69	10.53	10.99	11.17	11.24	10.81	9.74		7.61	11.11	
Kimura, Shintaro (JPN) (1987)		time	2.97	3.94	4.87	6.74	8.60	10.54	10.54	2 / 8			
reaction time	0.138	interval		0.97	0.93	1.87	1.86	1.94		# of strides	3.94	2.80	
		velocity	6.73	10.31	10.75	10.70	10.75	10.31	9.49		7.61	10.71	

Akirabun (2010) - changes in stride frequency and stride length of the world's top sprinter

Quarter-Final 2

date 15-Aug-09 wind 0.4 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Rodgers, Michael (USA) (1985)		time		2.91	3.84	4.72		6.47		8.20		10.01	10.01	6 / 1				*Graubner (2009)*
reaction time	0.147	interval			0.93	0.88		1.75		1.73		1.81		# of strides	3.84	2.63		
		velocity		6.87	10.75	11.36		11.43		11.56		11.05	9.99		7.81	11.41		
Edgar, Tyrone (GBR) (1982)		time		2.96	3.91	4.81		6.59		8.31		10.12	10.12	7 / 2				*Graubner (2009)*
reaction time	0.149	interval			0.95	0.90		1.78		1.72		1.81		# of strides	3.91	2.68		
		velocity		6.76	10.53	11.11		11.24		11.63		11.05	9.88		7.67	11.19		
Tsukahara, Naoki (JPN) (1985)		time	1.90	2.95	3.90	4.80	5.70	6.58	7.46	8.34	9.23	10.15	10.15	4 / 3				*Akirabun (2010)*
reaction time	0.128	interval		1.05	0.95	0.90	0.90	0.88	0.88	0.88	0.89	0.92		# of strides	3.90	2.68	2.65	
		velocity	5.26	9.52	10.53	11.11	11.11	11.36	11.36	11.36	11.24	10.87	9.85		7.69	11.19	11.32	
Phiri, Gerald (ZAM) (1988)		time		2.93	3.87	4.77		6.57		8.33		10.16	10.16	5 / 4				*Graubner (2009)*
reaction time	0.146	interval			0.94	0.90		1.80		1.76		1.83		# of strides	3.87	2.70		
		velocity		6.83	10.64	11.11		11.11		11.36		10.93	9.84		7.75	11.11		
Ogho-Ogene, Egwero (NGR) (198		time		2.95	3.89	4.78		6.56		8.31		10.19	10.19	8 / 5				*Graubner (2009)*
reaction time	0.161	interval			0.94	0.89		1.78		1.75		1.88	PB	# of strides	3.89	2.67		
		velocity		6.78	10.64	11.24		11.24		11.43		10.64	9.81		7.71	11.24		
Magakwe, Simon (RSA) (1985)		time		3.02	3.99	4.91		6.76		8.61		10.71	10.71	1 / 6				*Graubner (2009)*
reaction time	0.146	interval			0.97	0.92		1.85		1.85		2.10		# of strides	3.99	2.77		
		velocity		6.62	10.31	10.87		10.81		10.81		9.52	9.34		7.52	10.83		

Quarter-Final 1

date 15-Aug-09 wind -0.7 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Chambers, Dwain (GBR) (1978)		time		2.94	3.87	4.76		6.52		8.25		10.04	10.04	3 / 1			
reaction time	0.150	interval			0.93	0.89		1.76		1.73		1.79		# of strides	3.87	2.65	
		velocity		6.80	10.75	11.24		11.36		11.56		11.17	9.96		7.75	11.32	
Thompson, Richard (TTO) (1985)		time		2.92	3.86	4.76		6.54		8.28		10.08	10.08	4 / 2			
reaction time	0.145	interval			0.94	0.90		1.78		1.74		1.80		# of strides	3.86	2.68	
		velocity		6.85	10.64	11.11		11.24		11.49		11.11	9.92		7.77	11.19	
Mbandjock, Martial (FRA) (1985)		time		3.06	4.02	4.93		6.72		8.44		10.22	10.22	5 / 3			
reaction time	0.150	interval			0.96	0.91		1.79		1.72		1.78		# of strides	4.02	2.70	
		velocity		6.54	10.42	10.99		11.17		11.63		11.24	9.78		7.46	11.11	
Di Gregorio, Emanuele (ITA) (1980		time		2.98	3.94	4.85		6.65		8.42		10.26	10.26	6 / 4			
reaction time	0.156	interval			0.96	0.91		1.80		1.77		1.84		# of strides	3.94	2.71	
		velocity		6.71	10.42	10.99		11.11		11.30		10.87	9.75		7.61	11.07	
Harris, Adam (GUY) (1980)		time		2.99	3.95	4.86		6.69		8.50		10.39	10.39	8 / 5			
reaction time	0.144	interval			0.96	0.91		1.83		1.81		1.89		# of strides	3.95	2.74	
		velocity		6.69	10.42	10.99		10.93		11.05		10.58	9.62		7.59	10.95	

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Abrantes, Arnaldo (POR) (1986)		time		3.01	3.98	4.90		6.73		8.53		10.40	10.40	7 / 6			
reaction time	0.159	interval			0.97	0.92		1.83		1.80		1.87		# of strides	3.98	2.75	
		velocity		6.64	10.31	10.87		10.93		11.11		10.70	9.62		7.54	10.91	
Keller, Martin (GER) (1986)		time		3.05	4.02	4.95		6.77		8.56		10.40	10.40	2 / 7			
reaction time	0.136	interval			0.97	0.93		1.82		1.79		1.84		# of strides	4.02	2.75	
		velocity		6.56	10.31	10.75		10.99		11.17		10.87	9.62		7.46	10.91	
Eriguchi, Masashi (JPN) (1988)		time		2.98	3.94	4.86		6.71		8.56		10.45	10.45	1 / 8			
reaction time	0.123	interval			0.96	0.92		1.85		1.85		1.89		# of strides	3.94	2.77	
		velocity		6.71	10.42	10.87		10.81		10.81		10.58	9.57		7.61	10.83	

Heat 12

date 15-Aug-09 wind -0.4 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Rodgers, Michael (USA) (1985)		time		2.96	3.91	4.81		6.62		8.40		10.25	10.25	3 / 1			
reaction time	0.157	interval			0.95	0.90		1.81		1.78		1.85		# of strides	3.91	2.71	
		velocity		6.76	10.53	11.11		11.05		11.24		10.81	9.76		7.67	11.07	
Tsukahara, Naoki (JPN) (1985)		time		2.95	3.91	4.82		6.64		8.44		10.28	10.28	2 / 2			
reaction time	0.145	interval			0.96	0.91		1.82		1.80		1.84		# of strides	3.91	2.73	
		velocity		6.78	10.42	10.99		10.99		11.11		10.87	9.73		7.67	10.99	
Harris, Adam (GUY) (1980)		time		2.98	3.93	4.83		6.65		8.46		10.35	10.35	8 / 3			
reaction time	0.134	interval			0.95	0.90		1.82		1.81		1.89		# of strides	3.93	2.72	
		velocity		6.71	10.53	11.11		10.99		11.05		10.58	9.66		7.63	11.03	
Gittens, Ramon (BAR) (1987)		time		3.00	3.97	4.89		6.74		8.58		10.47	10.47	4 / 4			
reaction time	0.147	interval			0.97	0.92		1.85		1.84		1.89		# of strides	3.97	2.77	
		velocity		6.67	10.31	10.87		10.81		10.87		10.58	9.55		7.56	10.83	
Nabe, Cédric (SUI) (1983)		time		3.01	3.98	4.90		6.75		8.61		10.51	10.51	6 / 5			
reaction time	0.118	interval			0.97	0.92		1.85		1.86		1.90		# of strides	3.98	2.77	
		velocity		6.64	10.31	10.87		10.81		10.75		10.53	9.51		7.54	10.83	

Heat 11

date 15-Aug-09 wind -0.2 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gay, Tyson (USA) (1982)		time		3.02	3.96	4.85		6.62		8.35		10.16	10.16	8 / 1			
reaction time	0.194	interval			0.94	0.89		1.77		1.73		1.81		# of strides	3.96	2.66	
		velocity		6.62	10.64	11.24		11.30		11.56		11.05	9.84		7.58	11.28	
Collins, Kim (SKN) (1976)		time		2.98	3.94	4.85		6.66		8.44		10.28	10.28	6 / 2			
reaction time	0.159	interval			0.96	0.91		1.81		1.78		1.84		# of strides	3.94	2.72	
		velocity		6.71	10.42	10.99		11.05		11.24		10.87	9.73		7.61	11.03	
Cerutti, Fabio (ITA) (1985)		time		2.94	3.90	4.82		6.65		8.47		10.36	10.36	3 / 3			
reaction time	0.138	interval			0.96	0.92		1.83		1.82		1.89		# of strides	3.90	2.75	
		velocity		6.80	10.42	10.87		10.93		10.99		10.58	9.65		7.69	10.91	
Hyman, Kemar (CAY) (1989)		time		3.00	3.98	4.91		6.77		8.63		10.59	10.59	7 / 4			
reaction time	0.163	interval			0.98	0.93		1.86		1.86		1.96		# of strides	3.98	2.79	
		velocity		6.67	10.20	10.75		10.75		10.75		10.20	9.44		7.54	10.75	

Heat 10

date 15-Aug-09 wind -0.3 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Thompson, Richard (TTO) (1985)		time		2.97	3.92	4.83		6.63		8.42		10.36	10.36	6 / 1			
reaction time	0.155	interval			0.95	0.91		1.80		1.79		1.94		# of strides	3.92	2.71	
		velocity		6.73	10.53	10.99		11.11		11.17		10.31	9.65		7.65	11.07	
Edgar, Tyrone (GBR) (1982)		time		3.01	3.97	4.88		6.67		8.43		10.42	10.42	1 / 2			
reaction time	0.153	interval			0.96	0.91		1.79		1.76		1.99		# of strides	3.97	2.70	
		velocity		6.64	10.42	10.99		11.17		11.36		10.05	9.60		7.56	11.11	
Magakwe, Simon (RSA) (1985)		time		3.05	4.02	4.95		6.80		8.64		10.54	10.54	3 / 3			
reaction time	0.155	interval			0.97	0.93		1.85		1.84		1.90		# of strides	4.02	2.78	
		velocity		6.56	10.31	10.75		10.81		10.87		10.53	9.49		7.46	10.79	
Zakari, Aziz (GHA) (1976)		time		3.02	3.99	4.92		6.77		8.59		10.57	10.57	7 / 4			
reaction time	0.157	interval			0.97	0.93		1.85		1.82		1.98		# of strides	3.99	2.78	
		velocity		6.62	10.31	10.75		10.81		10.99		10.10	9.46		7.52	10.79	

Heat 9

date 15-Aug-09 wind -0.5 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bolt, Usain (JAM) (1986)		time		2.94	3.88	4.77		6.55		8.33		10.20	10.20	3 / 1			
reaction time	0.144	interval			0.94	0.89		1.78		1.78		1.87		# of strides	3.88	2.67	
		velocity		6.80	10.64	11.24		11.24		11.24		10.70	9.80		7.73	11.24	

Phiri, Gerald (ZAM) (1988)		time	2.97	3.92	4.83	6.63	8.42	10.30	10.30	2 / 2			
reaction time	0.141	interval		0.95	0.91	1.80	1.79	1.88		# of strides	3.92	2.71	
		velocity	6.73	10.53	10.99	11.11	11.17	10.64	9.71		7.65	11.07	
Ogho-Ogene, Egwero (NGR) (198		time	3.00	3.95	4.85	6.66	8.45	10.30	10.30	5 / 3			
reaction time	0.166	interval		0.95	0.90	1.81	1.79	1.85		# of strides	3.95	2.71	
		velocity	6.67	10.53	11.11	11.05	11.17	10.81	9.71		7.59	11.07	
Barnett, Brian (CAN) (1987)		time	3.08	4.05	4.97	6.79	8.58	10.42	10.42	8 / 4			
reaction time	0.167	interval		0.97	0.92	1.82	1.79	1.84		# of strides	4.05	2.74	
		velocity	6.49	10.31	10.87	10.99	11.17	10.87	9.60		7.41	10.95	
Moreira, Jose Carlos (BRA) (1983)		time	3.04	4.01	4.94	6.79	8.62	10.55	10.55	4 / 5			
reaction time	0.176	interval		0.97	0.93	1.85	1.83	1.93		# of strides	4.01	2.78	
		velocity	6.58	10.31	10.75	10.81	10.93	10.36	9.48		7.48	10.79	

Heat 8

date 15-Aug-09 wind 0.0 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Francis, Samuel (QAT) (1987)		time		2.99	3.93	4.83		6.62		8.39		10.21	10.21	5 / 1			
reaction time	0.159	interval			0.94	0.90		1.79		1.77		1.82		# of strides	3.93	2.69	
		velocity		6.69	10.64	11.11		11.17		11.30		10.99	9.79		7.63	11.15	
Callender, Emmanuel (TTO) (1984)		time		2.98	3.93	4.84		6.63		8.40		10.24	10.24	6 / 2			
reaction time	0.151	interval			0.95	0.91		1.79		1.77		1.84		# of strides	3.93	2.70	
		velocity		6.71	10.53	10.99		11.17		11.30		10.87	9.77		7.63	11.11	
Martina, Churandy (AHO) (1984)		time		3.06	4.02	4.94		6.73		8.47		10.26	10.26	7 / 3			
reaction time	0.151	interval			0.96	0.92		1.79		1.74		1.79		# of strides	4.02	2.71	
		velocity		6.54	10.42	10.87		11.17		11.49		11.17	9.75		7.46	11.07	
Grueso, Daniel (COL) (1985)		time		3.05	4.01	4.92		6.71		8.46		10.27	10.27	8 / 4			
reaction time	0.155	interval			0.96	0.91		1.79		1.75		1.81		# of strides	4.01	2.70	
		velocity		6.56	10.42	10.99		11.17		11.43		11.05	9.74		7.48	11.11	
Palacios, Rolando (HON) (1987)		time		3.02	3.98	4.90		6.71		8.48		10.28	10.28	1 / 5			
reaction time	0.178	interval			0.96	0.92		1.81		1.77		1.80		# of strides	3.98	2.73	
		velocity		6.62	10.42	10.87		11.05		11.30		11.11	9.73		7.54	10.99	

Heat 7

date 15-Aug-09 wind 0.4 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hinds, Andrew (BAR) (1984)		time		3.00	3.96	4.87		6.67		8.46		10.30	10.30	4 / 1			
reaction time	0.150	interval			0.96	0.91		1.80		1.79		1.84		# of strides	3.96	2.71	
		velocity		6.67	10.42	10.99		11.11		11.17		10.87	9.71		7.58	11.07	
Williamson, Simeon (GBR) (1986)		time		3.04	4.00	4.91		6.71		8.50		10.34	10.34	8 / 2			
reaction time	0.160	interval			0.96	0.91		1.80		1.79		1.84		# of strides	4.00	2.71	
		velocity		6.58	10.42	10.99		11.11		11.17		10.87	9.67		7.50	11.07	
Pognon, Ronald (FRA) (1982)		time		3.03	3.98	4.89		6.71		8.49		10.35	10.35	6 / 3			
reaction time	0.124	interval			0.95	0.91		1.82		1.78		1.86		# of strides	3.98	2.73	
		velocity		6.60	10.53	10.99		10.99		11.24		10.75	9.66		7.54	10.99	
Keller, Martin (GER) (1986)		time		3.03	4.00	4.92		6.74		8.52		10.35	10.35	7 / 4			
reaction time	0.143	interval			0.97	0.92		1.82		1.78		1.83		# of strides	4.00	2.74	
		velocity		6.60	10.31	10.87		10.99		11.24		10.93	9.66		7.50	10.95	
Rodríguez, Ángel David (ESP) (19		time		3.01	3.98	4.90		6.74		8.54		10.39	10.39	5 / 5			
reaction time	0.150	interval			0.97	0.92		1.84		1.80		1.85		# of strides	3.98	2.76	
		velocity		6.64	10.31	10.87		10.87		11.11		10.81	9.62		7.54	10.87	
de Moraes, Basilio (BRA) (1982)		time		3.04	4.02	4.96		6.82		8.66		10.54	10.54	1 / 6			
reaction time	0.139	interval			0.98	0.94		1.86		1.84		1.88		# of strides	4.02	2.80	
		velocity		6.58	10.20	10.64		10.75		10.87		10.64	9.49		7.46	10.71	

Heat 6

date 15-Aug-09 wind -0.8 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lemaitre, Christophe (FRA) (1990)		time		3.05	4.00	4.90		6.68		8.44		10.23	10.23	6 / 1			
reaction time	0.177	interval			0.95	0.90		1.78		1.76		1.79		# of strides	4.00	2.68	
		velocity		6.56	10.53	11.11		11.24		11.36		11.17	9.78		7.50	11.19	
Burns, Marc (TTO) (1983)		time		2.99	3.94	4.85		6.66		8.45		10.39	10.39	3 / 2			
reaction time	0.163	interval			0.95	0.91		1.81		1.79		1.94		# of strides	3.94	2.72	
		velocity		6.69	10.53	10.99		11.05		11.17		10.31	9.62		7.61	11.03	
Kuć, Dariusz (POL) (1986)		time		3.00	3.97	4.89		6.72		8.56		10.46	10.46	4 / 3			
reaction time	0.138	interval			0.97	0.92		1.83		1.84		1.90		# of strides	3.97	2.75	

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
		velocity	6.67	10.31	10.87		10.93		10.87		10.53	9.56			7.56	10.91	
Moseley, Ryan (AUT) (1982)		time	3.01	3.99	4.92		6.70		8.64		10.58	10.58		1 / 4			
reaction time	0.141	interval		0.98	0.93		1.78		1.94		1.94			# of strides	3.99	2.71	
		velocity	6.64	10.20	10.75		11.24		10.31		10.31	9.45			7.52	11.07	

Heat 5

date 15-Aug-09 wind -0.7 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bailey, Daniel (ANT) (1986)		time		2.99	3.93	4.83		6.63		8.42		10.26	10.26	6 / 1			
reaction time	0.164	interval			0.94	0.90		1.80		1.79		1.84		# of strides	3.93	2.70	
		velocity		6.69	10.64	11.11		11.11		11.17		10.87	9.75		7.63	11.11	
Saidy Ndure, Jaysuma (NOR) (198		time		3.01	3.96	4.87		6.67		8.46		10.35	10.35	8 / 2			
reaction time	0.155	interval			0.95	0.91		1.80		1.79		1.89		# of strides	3.96	2.71	
		velocity		6.64	10.53	10.99		11.11		11.17		10.58	9.66		7.58	11.07	
Griffith, Adrian (BAH) (1984)		time		3.02	3.97	4.88		6.70		8.50		10.37	10.37	4 / 3			
reaction time	0.167	interval			0.95	0.91		1.82		1.80		1.87		# of strides	3.97	2.73	
		velocity		6.62	10.53	10.99		10.99		11.11		10.70	9.64		7.56	10.99	
Unger, Tobias (GER) (1979)		time		2.97	3.93	4.85		6.69		8.52		10.42	10.42	5 / 4			
reaction time	0.133	interval			0.96	0.92		1.84		1.83		1.90		# of strides	3.93	2.76	
		velocity		6.73	10.42	10.87		10.87		10.93		10.53	9.60		7.63	10.87	
Durant, Adrian (ISV) (1984)		time		3.01	3.97	4.89		6.73		8.56		10.46	10.46	2 / 5			
reaction time	0.154	interval			0.96	0.92		1.84		1.83		1.90		# of strides	3.97	2.76	
		velocity		6.64	10.42	10.87		10.87		10.93		10.53	9.56		7.56	10.87	

Heat 4

date 15-Aug-09 wind -0.1 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Chambers, Dwain (GBR) (1978)		time		2.99	3.93	4.83		6.60		8.35		10.18	10.18	6 / 1			
reaction time	0.148	interval			0.94	0.90		1.77		1.75		1.83		# of strides	3.93	2.67	
		velocity		6.69	10.64	11.11		11.30		11.43		10.93	9.82		7.63	11.24	
Fasuba, Oljusoji (NGR) (1984)		time		3.01	3.96	4.87		6.67		8.45		10.31	10.31	1 / 2			
reaction time	0.176	interval			0.95	0.91		1.80		1.78		1.86		# of strides	3.96	2.71	
		velocity		6.64	10.53	10.99		11.11		11.24		10.75	9.70		7.58	11.07	
Edwards, Monzavous (Rae) (USA)		time		3.11	4.08	5.00		6.78		8.53		10.32	10.32	5 / 3			
reaction time	0.181	interval			0.97	0.92		1.78		1.75		1.79		# of strides	4.08	2.70	
		velocity		6.43	10.31	10.87		11.24		11.43		11.17	9.69		7.35	11.11	
Meité, Ben Youssef (CIV) (1976)		time		3.04	4.00	4.92		6.75		8.55		10.41	10.41	8 / 4			
reaction time	0.163	interval			0.96	0.92		1.83		1.80		1.86		# of strides	4.00	2.75	
		velocity		6.58	10.42	10.87		10.93		11.11		10.75	9.61		7.50	10.91	
Ambepitia, Shehan (SRI) (1990)		time		3.05	4.02	4.94		6.79		8.63		10.53	10.53	3 / 5			
reaction time	0.175	interval			0.97	0.92		1.85		1.84		1.90		# of strides	4.02	2.77	
		velocity		6.56	10.31	10.87		10.81		10.87		10.53	9.50		7.46	10.83	

Heat 3

date 15-Aug-09 wind -0.4 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Mbandjock, Martial (FRA) (1985)		time		3.08	4.03	4.94		6.73		8.48		10.28	10.28	8 / 1			
reaction time	0.156	interval			0.95	0.91		1.79		1.75		1.80		# of strides	4.03	2.70	
		velocity		6.49	10.53	10.99		11.17		11.43		11.11	9.73		7.44	11.11	
Metu, Obinna (NGR) (1988)		time		3.00	3.97	4.89		6.72		8.52		10.38	10.38	6 / 2			
reaction time	0.124	interval			0.97	0.92		1.83		1.80		1.86		# of strides	3.97	2.75	
		velocity		6.67	10.31	10.87		10.93		11.11		10.75	9.63		7.56	10.91	
Powell, Asafa (JAM) (1982)		time		2.90	3.83	4.72		6.56		8.44		10.38	10.38	3 / 3			
reaction time	0.120	interval			0.93	0.89		1.84		1.88		1.94		# of strides	3.83	2.73	
		velocity		6.90	10.75	11.24		10.87		10.64		10.31	9.63		7.83	10.99	
Ouhadi, Aziz (MAR) (1984)		time		3.02	3.99	4.92		6.75		8.56		10.40	10.40	4 / 4			
reaction time	0.148	interval			0.97	0.93		1.83		1.81		1.84		# of strides	3.99	2.76	
		velocity		6.62	10.31	10.75		10.93		11.05		10.87	9.62		7.52	10.87	
Atkins, Derrick (BAH) (1984)		time		3.04	4.00	4.92		6.70		8.56		10.44	10.44	2 / 5			
reaction time	0.139	interval			0.96	0.92		1.78		1.86		1.88		# of strides	4.00	2.70	
		velocity		6.58	10.42	10.87		11.24		10.75		10.64	9.58		7.50	11.11	

Akirabun (2010) - changes in stride frequency and stride length of the world's top sprinter

Heat 2

date 15-Aug-09 wind -0.2 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Patton, Darvis (USA) (1977)		time		2.98	3.93	4.83		6.58		8.35		10.26	10.26	4 / 1			*Graubner (2009)*
reaction time	0.160	interval			0.95	0.90		1.75		1.77		1.91		# of strides	3.93	2.65	

		velocity		6.71	10.53	11.11		11.43		11.30		10.47	9.75			7.63	11.32
Di Gregorio, Emanuele (ITA) (1980		time		3.01	3.96	4.86		6.69		8.49		10.35	10.35	6 / 2		*Graubner (2009)*	
reaction time	0.167	interval			0.95	0.90		1.83		1.80		1.86		# of strides		3.96	2.73
		velocity		6.64	10.53	11.11		10.93		11.11		10.75	9.66			7.58	10.99
Eriguchi, Masashi (JPN) (1988)		time	1.94	2.97	3.94	4.86	5.76	6.66	7.56	8.47	9.41	10.38	10.38	2 / 3		*Akirabun (2010)*	
reaction time	0.131	interval		1.03	0.97	0.92	0.90	0.90	0.90	0.91	0.94	0.97		# of strides		3.94	2.72	2.75
		velocity	5.15	9.71	10.31	10.87	11.11	11.11	11.11	10.99	10.64	10.31	9.63			7.61	11.03	10.91
Al-Harthi, Barakat (OMA) (1988)		time		2.93	3.93	4.87		6.70		8.52		10.41	10.41	5 / 4		*Graubner (2009)*	
reaction time	0.149	interval			1.00	0.94		1.83		1.82		1.89		# of strides		3.93	2.77
		velocity		6.83	10.00	10.64		10.93		10.99		10.58	9.61			7.63	10.83
Schwab, Stefan (GER) (1987)		time		2.96	3.92	4.84		6.70		8.56		10.50	10.50	8 / 5		*Graubner (2009)*	
reaction time	0.156	interval			0.96	0.92		1.86		1.86		1.94		# of strides		3.92	2.78
		velocity		6.76	10.42	10.87		10.75		10.75		10.31	9.52			7.65	10.79

Akirabun (2010) - changes in stride frequency and stride length of the world's top sprinter

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

Heat 1

date 15-Aug-09 wind -0.4 m/s

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Frater, Michael (JAM) (1982)		time		2.98	3.93	4.84		6.62		8.40		10.30	10.30	6 / 1		*Graubner (2009)*	
reaction time	0.144	interval			0.95	0.91		1.78		1.78		1.90		# of strides	3.93	2.69	
		velocity		6.71	10.53	10.99		11.24		11.24		10.53	9.71		7.63	11.15	
Abrantes, Amaldo (POR) (1986)		time		3.02	3.99	4.91		6.75		8.55		10.41	10.41	4 / 2		*Graubner (2009)*	
reaction time	0.137	interval			0.97	0.92		1.84		1.80		1.86		# of strides	3.99	2.76	
		velocity		6.62	10.31	10.87		10.87		11.11		10.75	9.61		7.52	10.87	
Kimura, Shintaro (JPN) (1987)		time	1.93	2.97	3.92	4.85	5.77	6.69	7.61	8.55	9.49	10.47	10.47	2 / 3		*Akirabun (2010)*	
reaction time	0.132	interval		1.04	0.95	0.93	0.92	0.92	0.92	0.94	0.94	0.98		# of strides	3.92	2.77	2.80
		velocity	5.18	9.62	10.53	10.75	10.87	10.87	10.87	10.64	10.64	10.20	9.55		7.65	10.83	10.71
Collio, Simone (ITA) (1979)		time		3.01	3.99	4.93		6.77		8.60		10.49	10.49	7 / 4		*Graubner (2009)*	
reaction time	0.162	interval			0.98	0.94		1.84		1.83		1.89		# of strides	3.99	2.78	
		velocity		6.64	10.20	10.64		10.87		10.93		10.58	9.53		7.52	10.79	
Osovnikar, Matic (SLO) (1980)		time		3.04	4.03	4.97		6.82		8.64		10.52	10.52	5 / 5		*Graubner (2009)*	
reaction time	0.175	interval			0.99	0.94		1.85		1.82		1.88		# of strides	4.03	2.79	
		velocity		6.58	10.10	10.64		10.81		10.99		10.64	9.51		7.44	10.75	

2009 Japanese National High School Championships (Nara, JPN)

FINAL

date 30-Jul-09 wind 1.1 m/s

Matsuo (2009) - 62nd high school championships: JAF scientific committee - biomechanics data collection

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kuki, Takumi (JPN) (1992)		time	1.92	2.98	3.95	4.88	5.80	6.71	7.62	8.55	9.48	10.44	10.44	6 / 1			
reaction time		interval		1.06	0.97	0.93	0.92	0.91	0.91	0.93	0.93	0.96		# of strides	3.95	2.76	2.77
		velocity	5.21	9.43	10.31	10.75	10.87	10.99	10.99	10.75	10.75	10.42	9.58		7.59	10.87	10.83
Iizuka, Shota (JPN) (1991)		time			3.97	4.92	5.85	6.75	7.68	8.59		10.46	10.46	4 / 2			
reaction time		interval				0.95	0.93	0.90	0.93	0.91		1.87		# of strides	3.97	2.78	
		velocity			7.56	10.53	10.75	11.11	10.75	10.99		10.70	9.56		7.56	10.79	
Onabuta, Ryo (JPN) (1991)		time			4.00	4.92	5.85	6.77	7.70	8.63		10.56	10.56	5 / 3			
reaction time		interval				0.92	0.93	0.92	0.93	0.93		1.93		# of strides	4.00	2.77	
		velocity			7.50	10.87	10.75	10.87	10.75	10.75		10.36	9.47		7.50	10.83	

Semi-Final ???

date 30-Jul-09 wind 0.3 m/s

Matsuo (2009) - 62nd high school championships: JAF scientific committee - biomechanics data collection

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kuki, Takumi (JPN) (1992)		time	1.93	3.00	3.97	4.91	5.83	6.75	7.67	8.60	9.54	10.50	10.50	6 / 1			
reaction time		interval		1.07	0.97	0.94	0.92	0.92	0.92	0.93	0.94	0.96		# of strides	3.97	2.78	2.79
		velocity	5.18	9.35	10.31	10.64	10.87	10.87	10.87	10.75	10.64	10.42	9.52		7.56	10.79	10.75

Heat ???

date 30-Jul-09 wind 0.5 m/s

Matsuo (2009) - 62nd high school championships: JAF scientific committee - biomechanics data collection

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kuki, Takumi (JPN) (1992)		time	1.95	3.02	4.01	4.96	5.90	6.83	7.77	8.72	9.69	10.69	10.69	6 / 1			
reaction time		interval		1.07	0.99	0.95	0.94	0.93	0.94	0.95	0.97	1.00		# of strides	4.01	2.82	2.86
		velocity	5.13	9.35	10.10	10.53	10.64	10.75	10.64	10.53	10.31	10.00	9.35		7.48	10.64	10.49

2009 Windsprint (Sundsvall, SWE)

FINAL

date 25-Jul-09 wind 1.0 m/s

(2009) - www.ssg.se/en/Windsprint/Split-times/

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Barnes, Winston (JAM) (1988)		time			3.90			6.57		8.32		10.18	10.18	/ 1			
reaction time		interval						2.67		1.75		1.86		# of strides	3.90	2.67	
		velocity			7.69			11.24		11.43		10.75	9.82		7.69	11.24	
Hinds, Andrew (BAR) (1984)		time			3.92			6.59		8.33		10.19	10.19	/ 2			
reaction time		interval						2.67		1.74		1.86		# of strides	3.92	2.67	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

	velocity	7.65		11.24	11.49	10.75	9.81			7.65	11.24
Waugh, Ainsley (JAM) (1981)	time	3.96		6.68	8.45	10.32	10.32	/ 3			
reaction time	interval			2.72	1.77	1.87		# of strides		3.96	2.72
	velocity	7.58		11.03	11.30	10.70	9.69			7.58	11.03
Sturdivant, Andre (USA) (1981)	time	3.96		6.71	8.52	10.41	10.41	/ 4			
reaction time	interval			2.75	1.81	1.89		# of strides		3.96	2.75
	velocity	7.58		10.91	11.05	10.58	9.61			7.58	10.91
Lawson, Chris (USA) (1983)	time	3.97		6.74	8.56	10.45	10.45	/ 5			
reaction time	interval			2.77	1.82	1.89		# of strides		3.97	2.77
	velocity	7.56		10.83	10.99	10.58	9.57			7.56	10.83
Tärnhuvud, Stefan (SWE) (1985)	time	4.00		6.75	8.55	10.46	10.46	/ 6			
reaction time	interval			2.75	1.80	1.91		# of strides		4.00	2.75
	velocity	7.50		10.91	11.11	10.47	9.56			7.50	10.91
Mogstad, Christian Settemsli (NOI	time	4.05		6.97	8.83	10.76	10.76	/ 7			
reaction time	interval			2.92	1.86	1.93		# of strides		4.05	2.92
	velocity	7.41		10.27	10.75	10.36	9.29			7.41	10.27
Morlu, Abraham (LBR) (1981)	time	4.14					dnf	/ --			
reaction time	interval							# of strides		4.14	
	velocity	7.25								7.25	

B FINAL

date 25-Jul-09 wind 1.1 m/s *(2009) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
de Oliveira, Nil (BRA) (1986)	time			4.04			6.81		8.65		10.55	10.55	/ 1			
reaction time	interval						2.77		1.84		1.90		# of strides	4.04	2.77	
	velocity			7.43			10.83		10.87		10.53	9.48		7.43	10.83	
Zail, Emil (SWE) (1987)	time			4.05			6.87		8.75		10.71	10.71	/ 2			
reaction time	interval						2.82		1.88		1.96		# of strides	4.05	2.82	
	velocity			7.41			10.64		10.64		10.20	9.34		7.41	10.64	
Sebabi, Nasser (SWE) (1982)	time			4.06			6.88		8.78		10.76	10.76	/ 3			
reaction time	interval						2.82		1.90		1.98		# of strides	4.06	2.82	
	velocity			7.39			10.64		10.53		10.10	9.29		7.39	10.64	
Johansson, Fredrik (SWE) (1986)	time			4.21			7.05		8.94		10.88	10.88	/ 4			
reaction time	interval						2.84		1.89		1.94		# of strides	4.21	2.84	
	velocity			7.13			10.56		10.58		10.31	9.19		7.13	10.56	
Karlsson, Erik (SWE) (1987)	time			4.13			7.01		8.91		10.89	10.89	/ 5			
reaction time	interval						2.88		1.90		1.98		# of strides	4.13	2.88	
	velocity			7.26			10.42		10.53		10.10	9.18		7.26	10.42	
Nilsson, Niklas (SWE) (1987)	time			4.15			7.01		8.92		10.91	10.91	/ 6			
reaction time	interval						2.86		1.91		1.99		# of strides	4.15	2.86	
	velocity			7.23			10.49		10.47		10.05	9.17		7.23	10.49	
Hyde, Nicklas (DEN) (1986)	time			4.23			7.09		8.97		10.92	10.92	/ 7			
reaction time	interval						2.86		1.88		1.95		# of strides	4.23	2.86	
	velocity			7.09			10.49		10.64		10.26	9.16		7.09	10.49	
Rose, Odain (SWE) (1992)	time			4.07			6.96		8.92		10.95	10.95	/ 8			
reaction time	interval						2.89		1.96		2.03		# of strides	4.07	2.89	
	velocity			7.37			10.38		10.20		9.85	9.13		7.37	10.38	

C FINAL

date 25-Jul-09 wind 3.0 m/s *(2009) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lindberg, Erik (SWE) (1987)	time			4.13			7.05		9.01		11.06	11.06	/ 1			
reaction time	interval						2.92		1.96		2.05		# of strides	4.13	2.92	
	velocity			7.26			10.27		10.20		9.76	9.04		7.26	10.27	
Hilmersson, Jonas (SWE) (1988)	time			4.14			7.07		9.02		11.09	11.09	/ 2			
reaction time	interval						2.93		1.95		2.07		# of strides	4.14	2.93	
	velocity			7.25			10.24		10.26		9.66	9.02		7.25	10.24	
Waltersson, Jonathan (SWE) (198	time			4.32			7.24		9.19		11.21	11.21	/ 3			
reaction time	interval						2.92		1.95		2.02		# of strides	4.32	2.92	
	velocity			6.94			10.27		10.26		9.90	8.92		6.94	10.27	
Zetterberg, Johan (SWE) (1984)	time			4.20			7.15		9.14		11.26	11.26	/ 4			
reaction time	interval						2.95		1.99		2.12		# of strides	4.20	2.95	
	velocity			7.14			10.17		10.05		9.43	8.88		7.14	10.17	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Ohlström, Morgan (SWE) (1991)	time			4.26		7.22	9.25	11.33	11.33	/ 5					
reaction time	interval					2.96	2.03	2.08		# of strides	4.26	2.96			
	velocity			7.04		10.14	9.85	9.62	8.83		7.04	10.14			
Angell-Petersen, Børge (NOR) (19	time			4.30		7.25	9.21	11.35	11.35	/ 6					
reaction time	interval					2.95	1.96	2.14		# of strides	4.30	2.95			
	velocity			6.98		10.17	10.20	9.35	8.81		6.98	10.17			
Døhlie, Petter Gire (NOR) (1985)	time			4.41		7.44	9.44	11.50	11.50	/ 7					
reaction time	interval					3.03	2.00	2.06		# of strides	4.41	3.03			
	velocity			6.80		9.90	10.00	9.71	8.70		6.80	9.90			
Riis, Jacob (DEN) (1984)	time			4.41		7.46	9.46	11.55	11.55	/ 8					
reaction time	interval					3.05	2.00	2.09		# of strides	4.41	3.05			
	velocity			6.80		9.84	10.00	9.57	8.66		6.80	9.84			

D FINAL

date 25-Jul-09 wind 0.9 m/s *(2009) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Näsman, Erik (SWE) (1987)	time			4.30			7.34		9.36		11.50	11.50	/ 1			
reaction time	interval						3.04		2.02		2.14		# of strides	4.30	3.04	
	velocity			6.98			9.87		9.90		9.35	8.70		6.98	9.87	
Åselius, Erik (SWE) (1989)	time			4.39			7.44		9.45		11.56	11.56	/ 2			
reaction time	interval						3.05		2.01		2.11		# of strides	4.39	3.05	
	velocity			6.83			9.84		9.95		9.48	8.65		6.83	9.84	
Sakshaug, Ola (NOR) (1984)	time			4.51			7.67		9.85		12.06	12.06	/ 3			
reaction time	interval						3.16		2.18		2.21		# of strides	4.51	3.16	
	velocity			6.65			9.49		9.17		9.05	8.29		6.65	9.49	
Barkhall, Matias (NOR) (1983)	time			4.41			7.73		9.85		12.16	12.16	/ 4			
reaction time	interval						3.32		2.12		2.31		# of strides	4.41	3.32	
	velocity			6.80			9.04		9.43		8.66	8.22		6.80	9.04	
Solberg, Mats (NOR) (1993)	time			4.51			7.80		9.97		12.27	12.27	/ 5			
reaction time	interval						3.29		2.17		2.30		# of strides	4.51	3.29	
	velocity			6.65			9.12		9.22		8.70	8.15		6.65	9.12	
Storsve, Ingar (NOR) (1987)	time			4.52			7.82		10.07		12.49	12.49	/ 6			
reaction time	interval						3.30		2.25		2.42		# of strides	4.52	3.30	
	velocity			6.64			9.09		8.89		8.26	8.01		6.64	9.09	

2009 Japanese National Championships (Hiroshima, JPN)

FINAL

date 28-Jun-09 wind 1.9 m/s *Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Eriguchi, Masashi (JPN) (1988)	time			3.90			6.54				10.09	10.14	/ 1			
reaction time	interval						2.64				3.55		# of strides	3.90	2.64	
	velocity			7.69			11.36				11.27	9.86	45.6	7.69	11.36	

Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance

Semi-Final 2

date 28-Jun-09 wind 2.4 m/s *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tsukahara, Naoki (JPN) (1985)	time			3.89			6.54				10.09	10.09	/ 1		*Takikawa (2010)*	
reaction time	interval						2.65				3.55		# of strides	3.89	2.65	
	velocity			7.71			11.32				11.27	9.91	45.6	7.71	11.32	
Nagasawa, Shun (JPN) (1985)	time	1.92	2.99	3.95	4.88	5.77	6.67	7.57	8.48	9.40	10.34	10.34	5 / 3		*Akirabun (2010)*	
reaction time	interval		1.07	0.96	0.93	0.89	0.90	0.90	0.91	0.92	0.94		# of strides	3.95	2.72	2.73
	velocity	5.21	9.35	10.42	10.75	11.24	11.11	11.11	10.99	10.87	10.64	9.67		7.59	11.03	10.99

Semi-Final 1

date 28-Jun-09 wind 1.9 m/s *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Eriguchi, Masashi (JPN) (1988)	time	1.91	2.94	3.86	4.74	5.61	6.48	7.35	8.24	9.14	10.07	10.07	3 / 1			
reaction time	interval		1.03	0.92	0.88	0.87	0.87	0.87	0.89	0.90	0.93	PB	# of strides	3.86	2.62	2.66
	velocity	5.24	9.71	10.87	11.36	11.49	11.49	11.49	11.24	11.11	10.75	9.93	45.5	7.77	11.45	11.28
Arao, Shogo (JPN) (1988)	time	1.91	2.96	3.90	4.81	5.69	6.58	7.47	8.37	9.28	10.22	10.22	5 / 2			
reaction time	interval		1.05	0.94	0.91	0.88	0.89	0.89	0.90	0.91	0.94	PB	# of strides	3.90	2.68	2.70
	velocity	5.24	9.52	10.64	10.99	11.36	11.24	11.24	11.11	10.99	10.64	9.78		7.69	11.19	11.11

Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance

Heat 5

date 27-Jun-09 wind 1.0 m/s *Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kojima, Shigeyuki (JPN) (1979)	time	1.95	3.01	3.97	4.88	5.77	6.66	7.56	8.46	9.37	10.31	10.31	3 / 2		*Akirabun (2010)*	
reaction time	interval		1.06	0.96	0.91	0.89	0.89	0.90	0.90	0.91	0.94		# of strides	3.97	2.69	2.71
	velocity	5.13	9.43	10.42	10.99	11.24	11.24	11.11	11.11	10.99	10.64	9.70		7.56	11.15	11.07
Kato, Kodai (JPN) (1986)	time			4.02			6.77				10.46	10.46	4 / 5		*Takikawa (2010)*	

reaction time	interval					2.75			3.69			# of strides	4.02	2.75	
	velocity		7.46			10.91			10.84	9.56		46.1	7.46	10.91	

Heat 4

date 27-Jun-09 wind 1.4 m/s

Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kimura, Shintaro (JPN) (1987)	time	1.89	2.93	3.87	4.78	5.68	6.58	7.47	8.37	9.28	10.21	10.21	6 / 1			
reaction time	interval		1.04	0.94	0.91	0.90	0.90	0.89	0.90	0.91	0.93	PB	# of strides	3.87	2.71	2.70
	velocity	5.29	9.62	10.64	10.99	11.11	11.11	11.24	11.11	10.99	10.75	9.79		7.75	11.07	11.11

Heat 1

date 27-Jun-09 wind 1.8 m/s

Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tsukahara, Naoki (JPN) (1985)	time	1.92	2.96	3.89	4.79	5.67	6.54	7.42	8.30	9.19	10.09	10.09	6 / 1			
reaction time	interval		1.04	0.93	0.90	0.88	0.87	0.88	0.88	0.89	0.90	PB	# of strides	3.89	2.65	2.65
	velocity	5.21	9.62	10.75	11.11	11.36	11.49	11.36	11.36	11.24	11.11	9.91	45.4	7.71	11.32	11.32
Nii, Yusuke (JPN) (1984)	time	1.93	2.98	3.94	4.87	5.77	6.67	7.57	8.49	9.41	10.34	10.34	4 / 2			
reaction time	interval		1.05	0.96	0.93	0.90	0.90	0.90	0.92	0.92	0.93	PB	# of strides	3.94	2.73	2.74
	velocity	5.18	9.52	10.42	10.75	11.11	11.11	11.11	10.87	10.87	10.75	9.67		7.61	10.99	10.95

Decathlon - Heat 2

date 25-Jun-09 wind 0.5 m/s

Hisashi (2010) - the run performance analysis in the decathlon sprint events

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tanaka, Hiromasa (JPN) (1981)	time	1.95	3.05	4.06	5.03	5.99	6.96	7.93	8.93	9.95	11.00	11.00	3 / 2			
reaction time	interval		1.10	1.01	0.97	0.96	0.97	0.97	1.00	1.02	1.05		# of strides	4.06	2.90	2.99
	velocity	5.13	9.09	9.90	10.31	10.42	10.31	10.31	10.00	9.80	9.52	9.09		7.39	10.34	10.03
Ushiro, Keisuke (JPN) (1986)	time	2.04	3.18	4.23	5.25	6.25	7.26	8.28	9.32	10.39	11.48	11.48	8 / 8			
reaction time	interval		1.14	1.05	1.02	1.00	1.01	1.02	1.04	1.07	1.09		# of strides	4.23	3.03	3.13
	velocity	4.90	8.77	9.52	9.80	10.00	9.90	9.80	9.62	9.35	9.17	8.71		7.09	9.90	9.58

Decathlon - Heat 1

date 25-Jun-09 wind -0.9 m/s

Hisashi (2010) - the run performance analysis in the decathlon sprint events

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ikeda, Daisuke (JPN) (1986)	time	2.02	3.15	4.18	5.17	6.15	7.13	8.11	9.11	10.10	11.13	11.13	3 / 3			
reaction time	interval		1.13	1.03	0.99	0.98	0.98	0.98	1.00	0.99	1.03		# of strides	4.18	2.95	2.97
	velocity	4.95	8.85	9.71	10.10	10.20	10.20	10.20	10.00	10.10	9.71	8.98		7.18	10.17	10.10

2009 ISTAF (Berlin, GER)

FINAL

date 14-Jun-09 wind 1.4 m/s

Graubner (2009) - http://www.fgs.uni-halle.de

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bailey, Daniel (ANT) (1986)		time		2.96	3.89	4.78		6.51		8.26		10.03	10.03	/ 1			
reaction time	0.204	interval			0.93	0.89		1.73		1.75		1.77		# of strides	3.89	2.62	
		velocity		6.76	10.75	11.24		11.56		11.43		11.30	9.97		7.71	11.45	
Williamson, Simeon (GBR) (1986)		time		2.95	3.90	4.80		6.55		8.33		10.13	10.13	/ 2			
reaction time	0.187	interval			0.95	0.90		1.75		1.78		1.80		# of strides	3.90	2.65	
		velocity		6.78	10.53	11.11		11.43		11.24		11.11	9.87		7.69	11.32	
Burns, Marc (TTO) (1983)		time		2.95	3.89	4.79		6.53		8.32		10.15	10.15	/ 3			
reaction time	0.184	interval			0.94	0.90		1.74		1.79		1.83		# of strides	3.89	2.64	
		velocity		6.78	10.64	11.11		11.49		11.17		10.93	9.85		7.71	11.36	
Edwards, Monzavous (Rae) (USA)		time		3.02	3.97	4.88		6.63		8.39		10.16	10.16	/ 4			
reaction time	0.184	interval			0.95	0.91		1.75		1.76		1.77		# of strides	3.97	2.66	
		velocity		6.62	10.53	10.99		11.43		11.36		11.30	9.84		7.56	11.28	
Francis, Samuel (QAT) (1987)		time		3.01	3.95	4.85		6.60		8.38		10.19	10.19	/ 5			
reaction time	0.187	interval			0.94	0.90		1.75		1.78		1.81		# of strides	3.95	2.65	
		velocity		6.64	10.64	11.11		11.43		11.24		11.05	9.81		7.59	11.32	
Mbandjock, Martial (FRA) (1985)		time		3.06	4.01	4.92		6.68		8.44		10.22	10.22	/ 6			
reaction time	0.151	interval			0.95	0.91		1.76		1.76		1.78		# of strides	4.01	2.67	
		velocity		6.54	10.53	10.99		11.36		11.36		11.24	9.78		7.48	11.24	
Pognon, Ronald (FRA) (1982)		time		3.04	3.99	4.90		6.67		8.47		10.29	10.29	/ 7			
reaction time	0.143	interval			0.95	0.91		1.77		1.80		1.82		# of strides	3.99	2.68	
		velocity		6.58	10.53	10.99		11.30		11.11		10.99	9.72		7.52	11.19	
Schwab, Stefan (GER) (1987)		time		2.95	3.90	4.81		6.61		8.46		10.35	10.35	/ 8			
reaction time	0.177	interval			0.95	0.91		1.80		1.85		1.89		# of strides	3.90	2.71	
		velocity		6.78	10.53	10.99		11.11		10.81		10.58	9.66		7.69	11.07	
Dasaolu, James (GBR) (1987)		time		2.97	3.91	4.81		6.56		8.36		10.64	10.64	/ 9			
reaction time	0.178	interval			0.94	0.90		1.75		1.80		2.28		# of strides	3.91	2.65	
		velocity		6.73	10.64	11.11		11.43		11.11		8.77	9.40		7.67	11.32	

B FINAL

date 14-Jun-09 wind 0.2 m/s

Graubner (2009) - http://www.fgs.uni-halle.de

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Devonish, Marlon (GBR) (1976)		time	3.00	3.95	4.86	6.65	8.45	10.25	10.25	/ 1			
reaction time	0.164	interval		0.95	0.91	1.79	1.80	1.80		# of strides	3.95	2.70	
		velocity	6.67	10.53	10.99	11.17	11.11	11.11	9.76		7.59	11.11	
Aikines-Aryeetey, Harry (GBR) (19		time	3.02	3.99	4.91	6.69	8.50	10.30	10.30	/ 2			
reaction time	0.161	interval		0.97	0.92	1.78	1.81	1.80		# of strides	3.99	2.70	
		velocity	6.62	10.31	10.87	11.24	11.05	11.11	9.71		7.52	11.11	
Edgar, Tyrone (GBR) (1982)		time	2.98	3.94	4.85	6.64	8.48	10.33	10.33	/ 3			
reaction time	0.136	interval		0.96	0.91	1.79	1.84	1.85		# of strides	3.94	2.70	
		velocity	6.71	10.42	10.99	11.17	10.87	10.81	9.68		7.61	11.11	
Kuć, Dariusz (POL) (1986)		time	3.03	3.99	4.90	6.72	8.57	10.43	10.43	/ 4			
reaction time	0.220	interval		0.96	0.91	1.82	1.85	1.86		# of strides	3.99	2.73	
		velocity	6.60	10.42	10.99	10.99	10.81	10.75	9.59		7.52	10.99	
Oriala, Chinedu (NGR) (1981)		time	3.01	3.99	4.92	6.74	8.59	10.44	10.44	/ 5			
reaction time	0.190	interval		0.98	0.93	1.82	1.85	1.85		# of strides	3.99	2.75	
		velocity	6.64	10.20	10.75	10.99	10.81	10.81	9.58		7.52	10.91	
Kosenkow, Alexander (GER) (1977		time	3.02	4.00	4.93	6.77	8.65	10.53	10.53	/ 6			
reaction time	0.159	interval		0.98	0.93	1.84	1.88	1.88		# of strides	4.00	2.77	
		velocity	6.62	10.20	10.75	10.87	10.64	10.64	9.50		7.50	10.83	
Pessonneaux, Pierre-Alexis (FRA)		time	3.04	4.03	4.97	6.81	8.68	10.58	10.58	/ 7			
reaction time	0.176	interval		0.99	0.94	1.84	1.87	1.90		# of strides	4.03	2.78	
		velocity	6.58	10.10	10.64	10.87	10.70	10.53	9.45		7.44	10.79	
Keller, Martin (GER) (1986)		time	3.12	4.11	5.05	6.88	8.75	10.64	10.64	/ 8			
reaction time	0.197	interval		0.99	0.94	1.83	1.87	1.89		# of strides	4.11	2.77	
		velocity	6.41	10.10	10.64	10.93	10.70	10.58	9.40		7.30	10.83	
Dreyer, Hannes (RSA) (1985)		time	3.01	3.99	4.93	6.81	8.75	10.70	10.70	/ 9			
reaction time	0.172	interval		0.98	0.94	1.88	1.94	1.95		# of strides	3.99	2.82	
		velocity	6.64	10.20	10.64	10.64	10.31	10.26	9.35		7.52	10.64	

C FINAL

date 14-Jun-09 wind 1.5 m/s

Graubner (2009) - http://www.fgs.uni-halle.de

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Helmke, Till (GER) (1984)		time		3.08	4.06	5.00		6.83		8.69		10.52	10.52	/ 1			
reaction time	0.162	interval			0.98	0.94		1.83		1.86		1.83		# of strides	4.06	2.77	
		velocity		6.49	10.20	10.64		10.93		10.75		10.93	9.51		7.39	10.83	
van Luijk, Patrick (NED) (1984)		time		3.10	4.10	5.04		6.88		8.72		10.53	10.53	/ 2			
reaction time	0.226	interval			1.00	0.94		1.84		1.84		1.81		# of strides	4.10	2.78	
		velocity		6.45	10.00	10.64		10.87		10.87		11.05	9.50		7.32	10.79	
Broening, Marius (GER) (1983)		time		3.06	4.04	4.97		6.79		8.66		10.56	10.56	/ 3			
reaction time	0.205	interval			0.98	0.93		1.82		1.87		1.90		# of strides	4.04	2.75	
		velocity		6.54	10.20	10.75		10.99		10.70		10.53	9.47		7.43	10.91	
Ernst, Sebastian (GER) (1984)		time		3.04	4.03	4.97		6.81		8.71		10.59	10.59	/ 4			
reaction time	0.177	interval			0.99	0.94		1.84		1.90		1.88		# of strides	4.03	2.78	
		velocity		6.58	10.10	10.64		10.87		10.53		10.64	9.44		7.44	10.79	
Šulc, Rostislav (CZE) (1981)		time		3.11	4.11	5.05		6.91		8.81		10.68	10.68	/ 5			
reaction time	0.167	interval			1.00	0.94		1.86		1.90		1.87		# of strides	4.11	2.80	
		velocity		6.43	10.00	10.64		10.75		10.53		10.70	9.36		7.30	10.71	
Nowak, Marcin (POL) (1977)		time		3.04	4.02	4.96		6.82		8.74		10.69	10.69	/ 6			
reaction time	0.193	interval			0.98	0.94		1.86		1.92		1.95		# of strides	4.02	2.80	
		velocity		6.58	10.20	10.64		10.75		10.42		10.26	9.35		7.46	10.71	
Wieser, Stefan (GER) (1984)		time		3.12	4.10	5.04		6.88		8.78		10.69	10.69	/ 7			
reaction time	0.191	interval			0.98	0.94		1.84		1.90		1.91		# of strides	4.10	2.78	
		velocity		6.41	10.20	10.64		10.87		10.53		10.47	9.35		7.32	10.79	
Meshoe, Tshegofatso (RSA) (1987		time		3.12	4.13	5.08		6.96		8.86		10.75	10.75	/ 8			
reaction time	0.164	interval			1.01	0.95		1.88		1.90		1.89		# of strides	4.13	2.83	
		velocity		6.41	9.90	10.53		10.64		10.53		10.58	9.30		7.26	10.60	
Spier, Virgil (NED) (1981)		time		3.19	4.20	5.16		7.01		8.90		10.79	10.79	/ 9			
reaction time	0.202	interval			1.01	0.96		1.85		1.89		1.89		# of strides	4.20	2.81	
		velocity		6.27	9.90	10.42		10.81		10.58		10.58	9.27		7.14	10.68	

2009 Osaka Grand Prix (Osaka, JPN)

FINAL

date 09-May-09 wind 0.8 m/s

Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tsukahara, Naoki (JPN) (1985)	time			3.93			6.57				10.13	10.13	/ 1			
reaction time	interval						2.64				3.56	PB	# of strides	3.93	2.64	
	velocity			7.63			11.36				11.24	9.87	46.5	7.63	11.36	

2009 Mikio Oda Memorial (Hiroshima, JPN)

Heat 3

date 29-Apr-09 wind 2.2 m/s

Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Saito, Hitoshi (JPN) (1986)	time	1.98	3.05	4.02	4.94	5.85	6.74	7.63	8.52	9.42	10.35	10.35	/ 3			
reaction time	interval		1.07	0.97	0.92	0.91	0.89	0.89	0.89	0.90	0.93		# of strides	4.02	2.72	2.68
	velocity	5.05	9.35	10.31	10.87	10.99	11.24	11.24	11.24	11.11	10.75	9.66		7.46	11.03	11.19

Heat 2

date 29-Apr-09 wind 1.8 m/s

Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Takahira, Shinji (JPN) (1984)	time	1.96	3.02	3.97	4.88	5.78	6.66	7.55	8.45	9.35	10.28	10.28	/ 1			
reaction time	interval		1.06	0.95	0.91	0.90	0.88	0.89	0.90	0.90	0.93		# of strides	3.97	2.69	2.69
	velocity	5.10	9.43	10.53	10.99	11.11	11.36	11.24	11.11	11.11	10.75	9.73		7.56	11.15	11.15

2009 Meeting Pas de Calais (Lievin, FRA)

FINAL

date 10-Feb-09

Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m
Blanton, DaBryan (USA) (1984)	time			3.90		5.71	6.61	6.61	2 / 1		
reaction time 0.136	interval					1.81	0.90		# of strides	3.90	2.71
	velocity			7.69		11.05	11.11	9.08	29.2	7.69	11.07
Emelieze, Peter (NGR) (1988)	time			3.89		5.72	6.63	6.63	3 / 2		
reaction time 0.104	interval					1.83	0.91		# of strides	3.89	2.74
	velocity			7.71		10.93	10.99	9.05	31.0	7.71	10.95
Norman, Josh (USA) (1980)	time			3.92		5.74	6.64	6.64	4 / 3		
reaction time 0.127	interval					1.82	0.90		# of strides	3.92	2.72
	velocity			7.65		10.99	11.11	9.04	29.7	7.65	11.03
Collio, Simone (ITA) (1979)	time			3.95		5.76	6.64	6.64	6 / 4		
reaction time 0.137	interval					1.81	0.88		# of strides	3.95	2.69
	velocity			7.59		11.05	11.36	9.04	30.0	7.59	11.15
Omole, Demi (USA) (1985)	time			3.93		5.76	6.66	6.66	5 / 5		
reaction time 0.137	interval					1.83	0.90		# of strides	3.93	2.73
	velocity			7.63		10.93	11.11	9.01	30.2	7.63	10.99
Edwards, Monzavous (Rae) (USA)	time			3.99		5.78	6.67	6.67	1 / 6		
reaction time 0.159	interval					1.79	0.89		# of strides	3.99	2.68
	velocity			7.52		11.17	11.24	9.00	29.5	7.52	11.19
de Lima, Vicente (BRA) (1977)	time			3.95		5.78	6.69	6.69	8 / 7		
reaction time 0.161	interval					1.83	0.91		# of strides	3.95	2.74
	velocity			7.59		10.93	10.99	8.97	30.0	7.59	10.95
Collins, Kim (SKN) (1976)	time			3.96		5.79	6.70	6.70	7 / 8		
reaction time 0.149	interval					1.83	0.91		# of strides	3.96	2.74
	velocity			7.58		10.93	10.99	8.96	31.0	7.58	10.95

Heat 2

date 10-Feb-09

Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m
Norman, Josh (USA) (1980)	time			3.90		5.72	6.63	6.63	7 / 1		
reaction time 0.119	interval					1.82	0.91		# of strides	3.90	2.73
	velocity			7.69		10.99	10.99	9.05	29.5	7.69	10.99
Collio, Simone (ITA) (1979)	time			3.94		5.75	6.66	6.66	5 / 2		
reaction time 0.142	interval					1.81	0.91		# of strides	3.94	2.72
	velocity			7.61		11.05	10.99	9.01	29.2	7.61	11.03
Blanton, DaBryan (USA) (1984)	time			3.91		5.76	6.67	6.67	6 / 3		
reaction time 0.146	interval					1.85	0.91		# of strides	3.91	2.76
	velocity			7.67		10.81	10.99	9.00	29.0	7.67	10.87
Edwards, Monzavous (Rae) (USA)	time			4.01		5.81	6.68	6.68	1 / 4		
reaction time 0.149	interval					1.80	0.87		# of strides	4.01	2.67
	velocity			7.48		11.11	11.49	8.98	29.5	7.48	11.24
Phillips, Dwight (USA) (1977)	time			3.97		5.80	6.72	6.72	2 / 5		
reaction time 0.161	interval					1.83	0.92		# of strides	3.97	2.75
	velocity			7.56		10.93	10.87	8.93	28.7	7.56	10.91
Pognon, Ronald (FRA) (1982)	time			4.01		5.85	6.75	6.75	3 / 6		

reaction time	0.142	interval				1.84	0.90					# of strides	4.01	2.74	
		velocity		7.48		10.87	11.11			8.89		29.0	7.48	10.95	
Stevens, Kendall (USA) (1983)		time		3.98		5.86	6.78			6.78		4 / 7			
reaction time	0.159	interval				1.88	0.92					# of strides	3.98	2.80	
		velocity		7.54		10.64	10.87			8.85		29.0	7.54	10.71	
van Tonder, Le Roux (RSA) (1988)		time		4.04		5.93	6.88			6.88		8 / 8			
reaction time	0.138	interval				1.89	0.95					# of strides	4.04	2.84	
		velocity		7.43		10.58	10.53			8.72		29.7	7.43	10.56	

Heat 1

date 10-Feb-09

Vazel (2009) - http://futuranterieur.files.wordpress.com/2009/02/09-lievin-m605.pdf

			10m	20m	30m	40m	50m	60m			Official Time	Lane / Place	0-30m	30-60m	
Omole, Demi (USA) (1985)		time			3.89		5.70	6.60			6.60	5 / 1			
reaction time	0.135	interval					1.81	0.90				# of strides	3.89	2.71	
		velocity			7.71		11.05	11.11			9.09	30.2	7.71	11.07	
Emelieze, Peter (NGR) (1988)		time			3.91		5.73	6.64			6.64	7 / 2			
reaction time	0.136	interval					1.82	0.91				# of strides	3.91	2.73	
		velocity			7.67		10.99	10.99			9.04	30.7	7.67	10.99	
Collins, Kim (SKN) (1976)		time			3.93		5.75	6.66			6.66	3 / 3			
reaction time	0.144	interval					1.82	0.91				# of strides	3.93	2.73	
		velocity			7.63		10.99	10.99			9.01	31.0	7.63	10.99	
de Lima, Vicente (BRA) (1977)		time			3.94		5.75	6.67			6.67	2 / 4			
reaction time	0.168	interval					1.81	0.92				# of strides	3.94	2.73	
		velocity			7.61		11.05	10.87			9.00	30.0	7.61	10.99	
Moreira, Jose Carlos (BRA) (1983)		time			3.96		5.79	6.70			6.70	6 / 5			
reaction time	0.168	interval					1.83	0.91				# of strides	3.96	2.74	
		velocity			7.58		10.93	10.99			8.96	29.0	7.58	10.95	
Yepishin, Andrey (RUS) (1981)		time			3.98		5.80	6.71			6.71	1 / 6			
reaction time	0.174	interval					1.82	0.91				# of strides	3.98	2.73	
		velocity			7.54		10.99	10.99			8.94	30.7	7.54	10.99	
Moore, Carlos (USA) (1984)		time			3.99		5.84	6.77			6.77	4 / 7			
reaction time	0.133	interval					1.85	0.93				# of strides	3.99	2.78	
		velocity			7.52		10.81	10.75			8.86	30.7	7.52	10.79	
Gomez, Mathieu (FRA) (1986)		time			4.07		5.98	6.93			6.93	8 / 8			
reaction time	0.164	interval					1.91	0.95				# of strides	4.07	2.86	
		velocity			7.37		10.47	10.53			8.66	31.5	7.37	10.49	

2008 Seiko Super Grand Prix (Kawasaki, JPN)

FINAL

date 23-Sep-08 wind -0.4 m/s

Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Asahara, Nobuharu (JPN) (1972)	time	1.97	3.02	3.98	4.89	5.80	6.69	7.59	8.50	9.42	10.37	10.37	/ 3			
reaction time	interval		1.05	0.96	0.91	0.91	0.89	0.90	0.91	0.92	0.95		# of strides	3.98	2.71	2.73
	velocity	5.08	9.52	10.42	10.99	10.99	11.24	11.11	10.99	10.87	10.53	9.64		7.54	11.07	10.99
Tsukahara, Naoki (JPN) (1985)	time	1.99	3.04	3.99	4.91	5.82	6.72	7.62	8.53	9.45	10.39	10.39	/ 4			
reaction time	interval		1.05	0.95	0.92	0.91	0.90	0.90	0.91	0.92	0.94		# of strides	3.99	2.73	2.73
	velocity	5.03	9.52	10.53	10.87	10.99	11.11	11.11	10.99	10.87	10.64	9.62		7.52	10.99	10.99
Suetsugu, Shingo (JPN) (1980)	time	1.98	3.04	4.00	4.93	5.83	6.73	7.63	8.55	9.47	10.43	10.43	/ 5			
reaction time	interval		1.06	0.96	0.93	0.90	0.90	0.90	0.92	0.92	0.96		# of strides	4.00	2.73	2.74
	velocity	5.05	9.43	10.42	10.75	11.11	11.11	11.11	10.87	10.87	10.42	9.59		7.50	10.99	10.95
Takahira, Shinji (JPN) (1984)	time	2.01	3.06	4.02	4.94	5.86	6.77	7.68	8.61	9.55	10.52	10.52	/ 7			
reaction time	interval		1.05	0.96	0.92	0.92	0.91	0.91	0.93	0.94	0.97		# of strides	4.02	2.75	2.78
	velocity	4.98	9.52	10.42	10.87	10.87	10.99	10.99	10.75	10.64	10.31	9.51		7.46	10.91	10.79

2008 Japanese National University Championsips (Tokyo, JPN)

Semi-Final 1

date 13-Sep-08 wind 0.9 m/s

Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Saito, Hitoshi (JPN) (1986)	time			3.96			6.71				10.36	10.36	/ 2			
reaction time	interval						2.75				3.65		# of strides	3.96	2.75	
	velocity			7.58			10.91				10.96	9.65	45.7	7.58	10.91	

2008 IAAF World Athletic Final (Stuttgart, GER)

FINAL

date 13-Sep-08 wind 0.4 m/s

Graubner (2009) - http://www.fgs.uni-halle.de

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Powell, Asafa (JAM) (1982)	time		2.95	3.88	4.76	5.61	6.47	7.27	8.14		9.87	9.87	5 / 1			
reaction time	0.153	interval			0.93	0.88	0.85	0.86	0.80	0.87		1.73	# of strides	3.88	2.59	

		velocity	6.78	10.75	11.36	11.76	11.63	12.50	11.49	11.56	10.13	43.8	7.73	11.58	
Carter, Nesta (JAM) (1985)		time	2.96	3.90	4.79	5.68	6.56	7.39	8.29	10.07	10.07	3 / 2			
reaction time	0.154	interval		0.94	0.89	0.89	0.88	0.83	0.90	1.78		# of strides	3.90	2.66	
		velocity	6.76	10.64	11.24	11.24	11.36	12.05	11.11	11.24	9.93	45.7	7.69	11.28	
Frater, Michael (JAM) (1982)		time	2.99	3.93	4.83	5.71	6.59	7.42	8.31	10.10	10.10	4 / 3			
reaction time	0.137	interval		0.94	0.90	0.88	0.88	0.83	0.89	1.79		# of strides	3.93	2.66	
		velocity	6.69	10.64	11.11	11.36	11.36	12.05	11.24	11.17	9.90	50.2	7.63	11.28	
Collins, Kim (SKN) (1976)		time	2.95	3.90	4.81	5.71	6.65	7.49	8.40	10.22	10.22	7 / 4			
reaction time	0.152	interval		0.95	0.91	0.90	0.94	0.84	0.91	1.82		# of strides	3.90	2.75	
		velocity	6.78	10.53	10.99	11.11	10.64	11.90	10.99	10.99	9.78		7.69	10.91	
Burns, Marc (TTO) (1983)		time	2.98	3.93	4.84	5.73	6.66	7.50	8.40	10.22	10.22	6 / 5			
reaction time	0.153	interval		0.95	0.91	0.89	0.93	0.84	0.90	1.82		# of strides	3.93	2.73	
		velocity	6.71	10.53	10.99	11.24	10.75	11.90	11.11	10.99	9.78		7.63	10.99	
Rodgers, Michael (USA) (1985)		time	3.04	3.99	4.90	5.79	6.72	7.55	8.44	10.27	10.27	8 / 6			
reaction time	0.182	interval		0.95	0.91	0.89	0.93	0.83	0.89	1.83		# of strides	3.99	2.73	
		velocity	6.58	10.53	10.99	11.24	10.75	12.05	11.24	10.93	9.74		7.52	10.99	
Pognon, Ronald (FRA) (1982)		time	3.03	3.99	4.90	5.78	6.71	7.54	8.44	10.27	10.27	1 / 7			
reaction time	0.121	interval		0.96	0.91	0.88	0.93	0.83	0.90	1.83		# of strides	3.99	2.72	
		velocity	6.60	10.42	10.99	11.36	10.75	12.05	11.11	10.93	9.74		7.52	11.03	
Devonish, Marlon (GBR) (1976)		time	3.01	3.98	4.90	5.80	6.75	7.60	8.51	10.37	10.37	2 / 8			
reaction time	0.140	interval		0.97	0.92	0.90	0.95	0.85	0.91	1.86		# of strides	3.98	2.77	
		velocity	6.64	10.31	10.87	11.11	10.53	11.76	10.99	10.75	9.64		7.54	10.83	

2008 Olympic Games (Beijing, CHN)

Vazel (2020) - https://twitter.com/pjvazel/status/1295071299350470663?s=21

FINAL date 16-Aug-08 wind 0.0 m/s

Locatelli (2009) - a closer look at 9.69

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bolt, Usain (JAM) (1986)		time	1.85	2.87	3.78	4.65	5.50	6.32	7.14	7.96	8.79	9.69	9.69	4 / 1		*Locatelli (2009)*	
reaction time	0.165	interval		1.02	0.91	0.87	0.85	0.82	0.82	0.82	0.83	0.90	WR	# of strides	3.78	2.54	2.47
		velocity	5.41	9.80	10.99	11.49	11.76	12.20	12.20	12.20	12.05	11.11	10.32	41.0	7.94	11.81	12.15
Thompson, Richard (TRI) (1985)		time			3.78			6.40		8.13		9.89	9.89	5 / 2			
reaction time	0.133	interval						2.62		1.73		1.76	PB	# of strides	3.78	2.62	
		velocity			7.94			11.45		11.56		11.36	10.11	44.2	7.94	11.45	
Dix, Walter (USA) (1986)		time			3.85			6.46		8.18		9.91	9.91	6 / 3			
reaction time	0.133	interval						2.61		1.72		1.73	PB	# of strides	3.85	2.61	
		velocity			7.79			11.49		11.63		11.56	10.09	48.5	7.79	11.49	
Martina, Churandy (AHO) (1984)		time			3.92			6.53		8.23		9.93	9.93	9 / 4			
reaction time	0.169	interval						2.61		1.70		1.70	NR PB	# of strides	3.92	2.61	
		velocity			7.65			11.48		11.79		11.76	10.07	46.5	7.65	11.48	
Powell, Asafa (JAM) (1982)		time			3.81			6.42		8.17		9.95	9.95	7 / 5			
reaction time	0.134	interval						2.61		1.75		1.78		# of strides	3.81	2.61	
		velocity			7.87			11.49		11.43		11.24	10.05	44.2	7.87	11.49	
Frater, Michael (JAM) (1982)		time			3.85			6.48		8.21		9.97	9.97	2 / 6			
reaction time	0.147	interval						2.63		1.73		1.76	PB	# of strides	3.85	2.63	
		velocity			7.79			11.41		11.56		11.36	10.03	49.5	7.79	11.41	
Burns, Marc (TRI) (1983)		time			3.83			6.47		8.23		10.01	10.01	8 / 7			
reaction time	0.145	interval						2.64		1.76		1.78		# of strides	3.83	2.64	
		velocity			7.83			11.36		11.36		11.24	9.99	43.2	7.83	11.36	
Patton, Darvis (USA) (1977)		time			3.89			6.55		8.28		10.03	10.03	3 / 8			
reaction time	0.142	interval						2.66		1.73		1.75		# of strides	3.89	2.66	
		velocity			7.71			11.28		11.56		11.43	9.97	45.2	7.71	11.28	

2008 Japanese National High School Championships (Kumagaya, JPN)

FINAL date 30-Jul-08 wind -0.1 m/s

Abe (2008) - 61st high school championships: JAF scientific committee - biomechanics data collection

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Motoshio, Ryo (JPN) (1990)		time	1.98	3.03	3.99	4.92	5.83	6.74	7.67	8.60	9.53	10.49	10.49	/ 1			
reaction time		interval		1.05	0.96	0.93	0.91	0.91	0.93	0.93	0.93	0.96		# of strides	3.99	2.75	2.79
		velocity	10.10	9.52	10.42	10.75	10.99	10.99	10.75	10.75	10.75	10.42	9.53		7.52	10.91	10.75
Hayamizu, Isamu (JPN) (1990)		time	2.01	3.11	4.10	5.04	5.96	6.89	7.80	8.73	9.67	10.62	10.62	/ 3			
reaction time		interval		1.10	0.99	0.94	0.92	0.93	0.91	0.93	0.94	0.95		# of strides	4.10	2.79	2.78
		velocity	9.95	9.09	10.10	10.64	10.87	10.75	10.99	10.75	10.64	10.53	9.42		7.32	10.75	10.79

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Miyazaki, Takashi (JPN) (1990)	time	1.94	3.00	3.97	4.91	5.84	6.77	7.72	8.69	9.66	10.65	10.65	/ 4			
reaction time	interval		1.06	0.97	0.94	0.93	0.93	0.95	0.97	0.97	0.99		# of strides	3.97	2.80	2.89
	velocity	10.31	9.43	10.31	10.64	10.75	10.75	10.53	10.31	10.31	10.10	9.39		7.56	10.71	10.38
Ishihara, Hiroyuki (JPN) (1990)	time	2.00	3.07	4.05	4.98	5.91	6.85	7.80	8.77	9.73	10.73	10.73	?????			
reaction time	interval		1.07	0.98	0.93	0.93	0.94	0.95	0.97	0.96	1.00		# of strides	4.05	2.80	2.88
	velocity	10.00	9.35	10.20	10.75	10.75	10.64	10.53	10.31	10.42	10.00	9.32		7.41	10.71	10.42
Nomura, Shogo (JPN) (1990)	time	1.99	3.08	4.08	5.04	5.98	6.92	7.86	8.81	9.76	10.73	10.73	?????			
reaction time	interval		1.09	1.00	0.96	0.94	0.94	0.94	0.95	0.95	0.97		# of strides	4.08	2.84	2.84
	velocity	10.05	9.17	10.00	10.42	10.64	10.64	10.64	10.53	10.53	10.31	9.32		7.35	10.56	10.56

2008 Windsprint (Sundsvall, SWE)

FINAL

date 06-Jul-08 wind 1.6 m/s

(2008) - www.ssg.se/en/Windsprint/Split-times/

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tärnhuvud, Stefan (SWE) (1985)	time			4.01			6.77		8.60		10.48	10.48	2 / 1			
reaction time	interval						2.76		1.83		1.88		# of strides	4.01	2.76	
	velocity			7.48			10.87		10.93		10.64	9.54	47.7	7.48	10.87	
Seoud, Amr Ibrahim Mostafa (EGY	time			4.03			6.78		8.61		10.48	10.48	6 / 2			
reaction time	interval						2.75		1.83		1.87		# of strides	4.03	2.75	
	velocity			7.44			10.91		10.93		10.70	9.54	47.2	7.44	10.91	
Waugh, Ainsley (JAM) (1981)	time			4.01			6.79		8.60		10.50	10.50	8 / 3			
reaction time	interval						2.78		1.81		1.90		# of strides	4.01	2.78	
	velocity			7.48			10.79		11.05		10.53	9.52	45.5	7.48	10.79	
Hongisto, Visa (FIN) (1987)	time			3.97			6.74		8.59		10.50	10.50	3 / 4			
reaction time	interval						2.77		1.85		1.91		# of strides	3.97	2.77	
	velocity			7.56			10.83		10.81		10.47	9.52	45.2	7.56	10.83	
Johnson, Chris (USA) (1982)	time			3.99			6.77		8.61		10.55	10.55	4 / 5			
reaction time	interval						2.78		1.84		1.94		# of strides	3.99	2.78	
	velocity			7.52			10.79		10.87		10.31	9.48	46.2	7.52	10.79	
Bangura, Gibrilla Pato (SLE) (1985	time			4.05			6.83		8.67		10.59	10.59	7 / 6			
reaction time	interval						2.78		1.84		1.92		# of strides	4.05	2.78	
	velocity			7.41			10.79		10.87		10.42	9.44	48.0	7.41	10.79	
Wellington, Andre (JAM) (1986)	time			3.97			6.78		8.69		10.61	10.61	5 / 7			
reaction time	interval						2.81		1.91		1.92		# of strides	3.97	2.81	
	velocity			7.56			10.68		10.47		10.42	9.43	44.5	7.56	10.68	
Bossé, Béranger (CAF) (1985)	time			4.03			6.83		8.73		10.73	10.73	1 / 8			
reaction time	interval						2.80		1.90		2.00		# of strides	4.03	2.80	
	velocity			7.44			10.71		10.53		10.00	9.32	48.5	7.44	10.71	

2008 Nambu Chuhei Memorial (Hakodate, JPN)

FINAL

date 06-Jul-08 wind 1.5 m/s

Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Asahara, Nobuharu (JPN) (1972)	time	1.97	3.03	3.98	4.90	5.80	6.68	7.58	8.49	9.41	10.36	10.36	/ 1			
reaction time	interval		1.06	0.95	0.92	0.90	0.88	0.90	0.91	0.92	0.95		# of strides	3.98	2.70	2.73
	velocity	5.08	9.43	10.53	10.87	11.11	11.36	11.11	10.99	10.87	10.53	9.65		7.54	11.11	10.99
Takahira, Shinji (JPN) (1984)	time	1.98	3.01	3.96	4.88	5.77	6.67	7.57	8.49	9.42	10.37	10.37	/ 2			
reaction time	interval		1.03	0.95	0.92	0.89	0.90	0.90	0.92	0.93	0.95		# of strides	3.96	2.71	2.75
	velocity	5.05	9.71	10.53	10.87	11.24	11.11	11.11	10.87	10.75	10.53	9.64		7.58	11.07	10.91

Heat 2

date 06-Jul-08 wind 1.9 m/s

Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Takahira, Shinji (JPN) (1984)	time	2.01	3.07	4.03	4.96	5.86	6.76	7.66	8.56	9.48	10.43	10.43	/ 1			
reaction time	interval		1.06	0.96	0.93	0.90	0.90	0.90	0.90	0.92	0.95		# of strides	4.03	2.73	2.72
	velocity	4.98	9.43	10.42	10.75	11.11	11.11	11.11	11.11	10.87	10.53	9.59		7.44	10.99	11.03

Heat 1

date 06-Jul-08 wind 0.5 m/s

Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Asahara, Nobuharu (JPN) (1972)	time	1.98	3.04	4.01	4.93	5.83	6.73	7.63	8.53	9.45	10.40	10.40	/ 1			
reaction time	interval		1.06	0.97	0.92	0.90	0.90	0.90	0.90	0.92	0.95		# of strides	4.01	2.72	2.72
	velocity	5.05	9.43	10.31	10.87	11.11	11.11	11.11	11.11	10.87	10.53	9.62		7.48	11.03	11.03
Saito, Hitoshi (JPN) (1986)	time	1.96	3.01	3.98	4.91	5.81	6.72	7.62	8.54	9.47	10.42	10.42	/ 2			
reaction time	interval		1.05	0.97	0.93	0.90	0.91	0.90	0.92	0.93	0.95		# of strides	3.98	2.74	2.75
	velocity	5.10	9.52	10.31	10.75	11.11	10.99	11.11	10.87	10.75	10.53	9.60		7.54	10.95	10.91

2008 German National Championships (Nurnberg, GER)

FINAL

date 05-Jul-08 wind -0.2 m/s

Seeger (2010) - DLV B-Trainer Ausbildung - sprint

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Unger, Tobias (GER) (1979)		time		2.95	3.89	4.79		6.56		8.35		10.20	10.20	/ 1			
reaction time		interval			0.94	0.90		1.77		1.79		1.85		# of strides	3.89	2.67	
		velocity		6.78	10.64	11.11		11.30		11.17		10.81	9.80		7.71	11.24	

2008 USA Olympic Trials (Eugene, OR)

FINAL

date 29-Jun-08 wind 4.1 m/s — *USATF Women's Sprint Development with HPC (2008)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gay, Tyson (USA) (1982)		time	1.95	2.98	3.87	4.74	5.57	6.37	7.17	7.99	8.82	9.68	9.68	4 / 1			
reaction time	0.132	interval		1.03	0.89	0.87	0.83	0.80	0.80	0.82	0.83	0.86		# of strides	3.87	2.50	2.45
		velocity	5.13	9.71	11.24	11.49	12.05	12.50	12.50	12.20	12.05	11.63	10.33	44.5	7.75	12.00	12.24
Dix, Walter (USA) (1986)		time	2.00	3.02	3.95	4.80	5.66	6.47	7.29	8.11	8.94	9.80	9.80	3 / 2			
reaction time	0.142	interval		1.02	0.93	0.85	0.86	0.81	0.82	0.82	0.83	0.86		# of strides	3.95	2.52	2.47
		velocity	5.00	9.80	10.75	11.76	11.63	12.35	12.20	12.20	12.05	11.63	10.20	48.2	7.59	11.90	12.15
Patton, Darvis (USA) (1977)		time	1.97	2.98	3.89	4.77	5.60	6.47	7.29	8.11	8.93	9.84	9.84	5 / 3			
reaction time	0.169	interval		1.01	0.91	0.88	0.83	0.87	0.82	0.82	0.82	0.91		# of strides	3.89	2.58	2.46
		velocity	5.08	9.90	10.99	11.36	12.05	11.49	12.20	12.20	12.20	10.99	10.16	44.7	7.71	11.63	12.20
Padgett, Travis (USA) (1986)		time	1.95	2.95	3.86	4.76	5.58	6.46	7.28	8.11	8.99	9.85	9.85	6 / 4			
reaction time	0.153	interval		1.00	0.91	0.90	0.82	0.88	0.82	0.83	0.88	0.86		# of strides	3.86	2.60	2.53
		velocity	5.13	10.00	10.99	11.11	12.20	11.36	12.20	12.05	11.36	11.63	10.15	49.2	7.77	11.54	11.86
Martin, Rodney (USA) (1982)		time	1.97	3.00	3.95	4.82	5.66	6.53	7.37	8.21	9.07	9.97	9.97	7 / 5			
reaction time	0.189	interval		1.03	0.95	0.87	0.84	0.87	0.84	0.84	0.86	0.90		# of strides	3.95	2.58	2.54
		velocity	5.08	9.71	10.53	11.49	11.90	11.49	11.90	11.90	11.63	11.11	10.03	46.0	7.59	11.63	11.81
Dixon, Leroy (USA) (1983)		time	1.93	2.99	3.88	4.77	5.62	6.47	7.34	8.17	9.07	9.99	9.99	2 / 6			
reaction time	0.157	interval		1.06	0.89	0.89	0.85	0.85	0.87	0.83	0.90	0.92		# of strides	3.88	2.59	2.60
		velocity	5.18	9.43	11.24	11.24	11.76	11.76	11.49	12.05	11.11	10.87	10.01	44.5	7.73	11.58	11.54
Rodgers, Michael (USA) (1985)		time	1.96	2.97	3.90	4.78	5.67	6.51	7.39	8.25	9.13	10.01	10.01	1 / 7			
reaction time	0.166	interval		1.01	0.93	0.88	0.89	0.84	0.88	0.86	0.88	0.88		# of strides	3.90	2.61	2.62
		velocity	5.10	9.90	10.75	11.36	11.24	11.90	11.36	11.63	11.36	11.36	9.99	44.2	7.69	11.49	11.45
Carter, Xavier (USA) (1985)		time	1.98	3.05	3.98	4.88	5.74	6.62	7.46	8.31	9.20	10.11	10.11	8 / 8			
reaction time	0.148	interval		1.07	0.93	0.90	0.86	0.88	0.84	0.85	0.89	0.91		# of strides	3.98	2.64	2.58
		velocity	5.05	9.35	10.75	11.11	11.63	11.36	11.90	11.76	11.24	10.99	9.89	45.0	7.54	11.36	11.63

Semi-Final 2

date 29-Jun-08 wind 0.5 m/s — *USATF Women's Sprint Development with HPC (2008)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Patton, Darvis (USA) (1977)		time	1.96	2.98	3.90	4.83	5.67	6.52	7.40	8.26	9.14	10.04	10.04	5 / 1			
reaction time		interval		1.02	0.92	0.93	0.84	0.85	0.88	0.86	0.88	0.90		# of strides	3.90	2.62	2.62
		velocity	5.10	9.80	10.87	10.75	11.90	11.76	11.36	11.63	11.36	11.11	9.96	45.0	7.69	11.45	11.45
Padgett, Travis (USA) (1986)		time	1.95	2.98	3.91	4.85	5.71	6.59	7.44	8.32	9.19	10.11	10.11	4 / 2			
reaction time		interval		1.03	0.93	0.94	0.86	0.88	0.85	0.88	0.87	0.92		# of strides	3.91	2.68	2.60
		velocity	5.13	9.71	10.75	10.64	11.63	11.36	11.76	11.36	11.49	10.87	9.89	49.5	7.67	11.19	11.54
Dixon, Leroy (USA) (1983)		time	1.97	3.00	3.93	4.84	5.72	6.59	7.47	8.33	9.25	10.17	10.17	2 / 3			
reaction time		interval		1.03	0.93	0.91	0.88	0.87	0.88	0.86	0.92	0.92		# of strides	3.93	2.66	2.66
		velocity	5.08	9.71	10.75	10.99	11.36	11.49	11.36	11.63	10.87	10.87	9.83	45.0	7.63	11.28	11.28
Rodgers, Michael (USA) (1985)		time	1.98	3.00	3.93	4.83	5.72	6.57	7.47	8.33	9.26	10.18	10.18	1 / 4			
reaction time		interval		1.02	0.93	0.90	0.89	0.85	0.90	0.86	0.93	0.92		# of strides	3.93	2.64	2.69
		velocity	5.05	9.80	10.75	11.11	11.24	11.76	11.11	11.63	10.75	10.87	9.82	45.2	7.63	11.36	11.15
Spearmon, Wallace (USA) (1984)		time	1.99	3.11	4.04	4.98	5.82	6.69	7.55	8.41	9.30	10.18	10.18	8 / 5			
reaction time		interval		1.12	0.93	0.94	0.84	0.87	0.86	0.86	0.89	0.88		# of strides	4.04	2.65	2.61
		velocity	5.03	8.93	10.75	10.64	11.90	11.49	11.63	11.63	11.24	11.36	9.82	45.0	7.43	11.32	11.49
Capel, John (USA) (1978)		time	1.96	3.02	3.95	4.87	5.72	6.65	7.48	8.36	9.30	10.21	10.21	7 / 6			
reaction time		interval		1.06	0.93	0.92	0.85	0.93	0.83	0.88	0.94	0.91		# of strides	3.95	2.70	2.65
		velocity	5.10	9.43	10.75	10.87	11.76	10.75	12.05	11.36	10.64	10.99	9.79	47.0	7.59	11.11	11.32
Jelks, Mark (USA) (1984)		time	1.95	2.98	3.92	4.85	5.72	6.64	7.50	8.36	9.29	10.24	10.24	6 / 7			
reaction time		interval		1.03	0.94	0.93	0.87	0.92	0.86	0.86	0.93	0.95		# of strides	3.92	2.72	2.65
		velocity	5.13	9.71	10.64	10.75	11.49	10.87	11.63	11.63	10.75	10.53	9.77	45.0	7.65	11.03	11.32
Demps, Jeff (USA) (1990)		time	1.94	2.98	3.94	4.86	5.75	6.62	7.54	8.44	9.37	10.34	10.34	3 / 8			
reaction time		interval		1.04	0.96	0.92	0.89	0.87	0.92	0.90	0.93	0.97		# of strides	3.94	2.68	2.75
		velocity	5.15	9.62	10.42	10.87	11.24	11.49	10.87	11.11	10.75	10.31	9.67	49.2	7.61	11.19	10.91

Semi-Final 1

date 29-Jun-08 wind 2.2 m/s — *USATF Women's Sprint Development with HPC (2008)*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Gay, Tyson (USA) (1982)	time	2.04	3.04	3.92	4.81	5.61	6.45	7.29	8.12	8.97	9.85	9.85	4 / 1			
reaction time	interval		1.00	0.88	0.89	0.80	0.84	0.84	0.83	0.85	0.88		# of strides	3.92	2.53	2.52
	velocity	4.90	10.00	11.36	11.24	12.50	11.90	11.90	12.05	11.76	11.36	10.15	44.0	7.65	11.86	11.90
Dix, Walter (USA) (1986)	time	2.00	3.04	3.97	4.86	5.70	6.54	7.37	8.22	9.09	9.93	9.93	2 / 2			
reaction time	interval		1.04	0.93	0.89	0.84	0.84	0.83	0.85	0.87	0.84		# of strides	3.97	2.57	2.55
	velocity	5.00	9.62	10.75	11.24	11.90	11.90	12.05	11.76	11.49	11.90	10.07	48.0	7.56	11.67	11.76
Martin, Rodney (USA) (1982)	time	2.02	3.04	4.00	4.87	5.72	6.60	7.46	8.35	9.21	10.08	10.08	3 / 3			
reaction time	interval		1.02	0.96	0.87	0.85	0.88	0.86	0.89	0.86	0.87		# of strides	4.00	2.60	2.61
	velocity	4.95	9.80	10.42	11.49	11.76	11.36	11.63	11.24	11.63	11.49	9.92	46.0	7.50	11.54	11.49
Carter, Xavier (USA) (1985)	time	2.02	3.05	4.00	4.89	5.72	6.59	7.47	8.36	9.19	10.09	10.09	6 / 4			
reaction time	interval		1.03	0.95	0.89	0.83	0.87	0.88	0.89	0.83	0.90		# of strides	4.00	2.59	2.60
	velocity	4.95	9.71	10.53	11.24	12.05	11.49	11.36	11.24	12.05	11.11	9.91	45.5	7.50	11.58	11.54
Williams, Ivory (USA) (1985)	time	1.95	2.99	3.92	4.84	5.64	6.55	7.40	8.32	9.19	10.09	10.09	5 / 5			
reaction time	interval		1.04	0.93	0.92	0.80	0.91	0.85	0.92	0.87	0.90		# of strides	3.92	2.63	2.64
	velocity	5.13	9.62	10.75	10.87	12.50	10.99	11.76	10.87	11.49	11.11	9.91	48.0	7.65	11.41	11.36
Edwards, Monzavous (Rae) (USA)	time	1.97	3.01	3.95	4.84	5.71	6.59	7.46	8.34	9.22	10.16	10.16	1 / 6			
reaction time	interval		1.04	0.94	0.89	0.87	0.88	0.87	0.88	0.88	0.94		# of strides	3.95	2.64	2.63
	velocity	5.08	9.62	10.64	11.24	11.49	11.36	11.49	11.36	11.36	10.64	9.84	45.7	7.59	11.36	11.41
Holiday, Trindon (USA) (1986)	time	1.95	2.98	3.92	4.82	5.67	6.56	7.42	8.35	9.21	10.17	10.17	8 / 7			
reaction time	interval		1.03	0.94	0.90	0.85	0.89	0.86	0.93	0.86	0.96		# of strides	3.92	2.64	2.65
	velocity	5.13	9.71	10.64	11.11	11.76	11.24	11.63	10.75	11.63	10.42	9.83	50.0	7.65	11.36	11.32
Hargrett, Chrisdon (USA) (1984)	time	1.97	3.02	3.95	4.86	5.72	6.62	7.47	8.61	9.98	12.11	12.11	7 / 8			
reaction time	interval		1.05	0.93	0.91	0.86	0.90	0.85	1.14	1.37	2.13		# of strides	3.95	2.67	3.36
	velocity	5.08	9.52	10.75	10.99	11.63	11.11	11.76	8.77	7.30	4.69	8.26		7.59	11.24	8.93

Quarter-Final 3

date 28-Jun-08 wind 1.6 m/s *USATF Women's Sprint Development with HPC (2008)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Patton, Darvis (USA) (1977)	time	1.88	2.98	3.88	4.75	5.60	6.47	7.32	8.15	8.98	9.89	9.89	4 / 1			
reaction time	interval		1.10	0.90	0.87	0.85	0.87	0.85	0.83	0.83	0.91	PB	# of strides	3.88	2.59	2.51
	velocity	5.32	9.09	11.11	11.49	11.76	11.49	11.76	12.05	12.05	10.99	10.11	45.0	7.73	11.58	11.95
Williams, Ivory (USA) (1985)	time	1.86	2.87	3.85	4.72	5.59	6.44	7.31	8.15	9.00	9.94	9.94	3 / 2			
reaction time	interval		1.01	0.98	0.87	0.87	0.85	0.87	0.84	0.85	0.94	PB	# of strides	3.85	2.59	2.56
	velocity	5.38	9.90	10.20	11.49	11.49	11.76	11.49	11.90	11.76	10.64	10.06	47.7	7.79	11.58	11.72
Carter, Xavier (USA) (1985)	time	1.96	3.07	3.94	4.85	5.70	6.57	7.39	8.27	9.06	10.00	10.00	8 / 3			
reaction time	interval		1.11	0.87	0.91	0.85	0.87	0.82	0.88	0.79	0.94	PB	# of strides	3.94	2.63	2.49
	velocity	5.10	9.01	11.49	10.99	11.76	11.49	12.20	11.36	12.66	10.64	10.00	45.5	7.61	11.41	12.05
Capel, John (USA) (1978)	time	1.90	3.00	3.91	4.79	5.67	6.53	7.41	8.25	9.16	10.06	10.06	6 / 4			
reaction time	interval		1.10	0.91	0.88	0.88	0.86	0.88	0.84	0.91	0.90		# of strides	3.91	2.62	2.63
	velocity	5.26	9.09	10.99	11.36	11.36	11.63	11.36	11.90	10.99	11.11	9.94	47.0	7.67	11.45	11.41
Edwards, Monzavous (Rae) (USA)	time	1.87	2.98	3.91	4.80	5.67	6.55	7.42	8.25	9.16	10.06	10.06	5 / 5			
reaction time	interval		1.11	0.93	0.89	0.87	0.88	0.87	0.83	0.91	0.90		# of strides	3.91	2.64	2.61
	velocity	5.35	9.01	10.75	11.24	11.49	11.36	11.49	12.05	10.99	11.11	9.94	45.5	7.67	11.36	11.49
Holiday, Trindon (USA) (1986)	time	1.82	2.94	3.89	4.79	5.65	6.51	7.40	8.27	9.14	10.09	10.09	1 / 6			
reaction time	interval		1.12	0.95	0.90	0.86	0.86	0.89	0.87	0.87	0.95		# of strides	3.89	2.62	2.63
	velocity	5.49	8.93	10.53	11.11	11.63	11.63	11.24	11.49	11.49	10.53	9.91	49.0	7.71	11.45	11.41
Crawford, Shawn (USA) (1978)	time	1.88	2.97	3.90	4.82	5.67	6.57	7.42	8.29	9.16	10.09	10.09	2 / 7			
reaction time	interval		1.09	0.93	0.92	0.85	0.90	0.85	0.87	0.87	0.93		# of strides	3.90	2.67	2.59
	velocity	5.32	9.17	10.75	10.87	11.76	11.11	11.76	11.49	11.49	10.75	9.91	45.7	7.69	11.24	11.58
Hall, Jeremy (USA) (1988)	time	1.98	3.07	3.97	4.89	5.77	6.67	7.56	8.44	9.32	10.26	10.26	7 / 8			
reaction time	interval		1.09	0.90	0.92	0.88	0.90	0.89	0.88	0.88	0.94		# of strides	3.97	2.70	2.65
	velocity	5.05	9.17	11.11	10.87	11.36	11.11	11.24	11.36	11.36	10.64	9.75	45.0	7.56	11.11	11.32

Quarter-Final 2

date 28-Jun-08 wind 1.6 m/s *USATF Women's Sprint Development with HPC (2008)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Padgett, Travis (USA) (1986)	time	1.83	2.90	3.86	4.75	5.60	6.44	7.32	8.14	9.01	9.89	9.89	3 / 1			
reaction time	interval		1.07	0.96	0.89	0.85	0.84	0.88	0.82	0.87	0.88	PB	# of strides	3.86	2.58	2.57
	velocity	5.46	9.35	10.42	11.24	11.76	11.90	11.36	12.20	11.49	11.36	10.11	48.5	7.77	11.63	11.67
Martin, Rodney (USA) (1982)	time	1.85	2.92	3.94	4.82	5.67	6.52	7.37	8.21	9.07	9.95	9.95	5 / 2			
reaction time	interval		1.07	1.02	0.88	0.85	0.85	0.85	0.84	0.86	0.88	PB	# of strides	3.94	2.58	2.55
	velocity	5.41	9.35	9.80	11.36	11.76	11.76	11.76	11.90	11.63	11.36	10.05	45.7	7.61	11.63	11.76
Jelks, Mark (USA) (1984)	time	1.83	2.90	3.86	4.74	5.63	6.47	7.35	8.19	9.04	9.99	9.99	4 / 3			

reaction time	interval		1.07	0.96	0.88	0.89	0.84	0.88	0.84	0.85	0.95	PB	# of strides	3.86	2.61	2.57
	velocity	5.46	9.35	10.42	11.36	11.24	11.90	11.36	11.90	11.76	10.53	10.01	45.7	7.77	11.49	11.67
Hargrett, Chrisdon (USA) (1984)	time	1.87	2.98	3.90	4.82	5.71	6.59	7.45	8.31	9.19	10.12	10.12	8 / 4			
reaction time	interval		1.11	0.92	0.92	0.89	0.88	0.86	0.86	0.88	0.93	PB	# of strides	3.90	2.69	2.60
	velocity	5.35	9.01	10.87	10.87	11.24	11.36	11.63	11.63	11.36	10.75	9.88	47.7	7.69	11.15	11.54
Stevens, Kendall (USA) (1983)	time	1.87	2.93	3.92	4.82	5.70	6.56	7.42	8.27	9.19	10.12	10.12	6 / 5			
reaction time	interval		1.06	0.99	0.90	0.88	0.86	0.86	0.85	0.92	0.93	PB	# of strides	3.92	2.64	2.63
	velocity	5.35	9.43	10.10	11.11	11.36	11.63	11.63	11.76	10.87	10.75	9.88	44.7	7.65	11.36	11.41
Scales, Mardy (USA) (1981)	time	1.84	2.94	3.89	4.77	5.64	6.51	7.39	8.27	9.21	10.15	10.15	2 / 6			
reaction time	interval		1.10	0.95	0.88	0.87	0.87	0.88	0.88	0.94	0.94		# of strides	3.89	2.62	2.70
	velocity	5.43	9.09	10.53	11.36	11.49	11.49	11.36	11.36	10.64	10.64	9.85	47.2	7.71	11.45	11.11
Grimes, Mickey (USA) (1976)	time	1.88	2.98	3.97	4.85	5.74	6.61	7.49	8.34	9.25	10.22	10.22	7 / 7			
reaction time	interval		1.10	0.99	0.88	0.89	0.87	0.88	0.85	0.91	0.97		# of strides	3.97	2.64	2.64
	velocity	5.32	9.09	10.10	11.36	11.24	11.49	11.36	11.76	10.99	10.31	9.78	45.2	7.56	11.36	11.36
Williams, Rubin (USA) (1983)	time	1.86	2.98	3.95	4.84	5.71	6.59	7.49	8.38	9.29	10.26	10.26	1 / 8			
reaction time	interval		1.12	0.97	0.89	0.87	0.88	0.90	0.89	0.91	0.97		# of strides	3.95	2.64	2.70
	velocity	5.38	8.93	10.31	11.24	11.49	11.36	11.11	11.24	10.99	10.31	9.75	46.0	7.59	11.36	11.11

Quarter-Final 1

date 28-Jun-08 wind 1.6 m/s *USATF Women's Sprint Development with HPC (2008)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gay, Tyson (USA) (1982)	time	1.90	2.92	3.85	4.74	5.56	6.39	7.22	8.05	8.89	9.77	9.77	2 / 1			
reaction time	interval		1.02	0.93	0.89	0.82	0.83	0.83	0.83	0.84	0.88	AR	# of strides	3.85	2.54	2.50
	velocity	5.26	9.80	10.75	11.24	12.20	12.05	12.05	12.05	11.90	11.36	10.24	43.8	7.79	11.81	12.00
Demps, Jeff (USA) (1990)	time	1.78	2.95	3.88	4.80	5.66	6.51	7.35	8.25	9.12	10.01	10.01	4 / 2			
reaction time	interval		1.17	0.93	0.92	0.86	0.85	0.84	0.90	0.87	0.89	=WJR	# of strides	3.88	2.63	2.61
	velocity	5.62	8.55	10.75	10.87	11.63	11.76	11.90	11.11	11.49	11.24	9.99	48.7	7.73	11.41	11.49
Dix, Walter (USA) (1986)	time	1.83	2.98	3.93	4.85	5.70	6.55	7.39	8.26	9.10	10.02	10.02	3 / 3			
reaction time	interval		1.15	0.95	0.92	0.85	0.85	0.84	0.87	0.84	0.92		# of strides	3.93	2.62	2.55
	velocity	5.46	8.70	10.53	10.87	11.76	11.76	11.90	11.49	11.90	10.87	9.98	47.5	7.63	11.45	11.76
Dixon, Leroy (USA) (1983)	time	1.85	3.00	3.87	4.77	5.63	6.49	7.37	8.23	9.11	10.02	10.02	6 / 4			
reaction time	interval		1.15	0.87	0.90	0.86	0.86	0.88	0.86	0.88	0.91	PB	# of strides	3.87	2.62	2.62
	velocity	5.41	8.70	11.49	11.11	11.63	11.63	11.36	11.63	11.36	10.99	9.98	44.7	7.75	11.45	11.45
Rodgers, Michael (USA) (1985)	time	1.88	2.98	3.92	4.82	5.67	6.51	7.37	8.27	9.14	10.07	10.07	1 / 5			
reaction time	interval		1.10	0.94	0.90	0.85	0.84	0.86	0.90	0.87	0.93		# of strides	3.92	2.59	2.63
	velocity	5.32	9.09	10.64	11.11	11.76	11.90	11.63	11.11	11.49	10.75	9.93	44.5	7.65	11.58	11.41
Spearmon, Wallace (USA) (1984)	time	1.93	3.07	4.02	4.93	5.79	6.66	7.51	8.32	9.19	10.07	10.07	5 / 6			
reaction time	interval		1.14	0.95	0.91	0.86	0.87	0.85	0.81	0.87	0.88		# of strides	4.02	2.64	2.53
	velocity	5.18	8.77	10.53	10.99	11.63	11.49	11.76	12.35	11.49	11.36	9.93	44.2	7.46	11.36	11.86
Samuels, J-Mee (USA) (1987)	time	1.85	3.00	3.92	4.80	5.67	6.56	7.44	8.29	9.19	10.09	10.09	7 / 7			
reaction time	interval		1.15	0.92	0.88	0.87	0.89	0.88	0.85	0.90	0.90		# of strides	3.92	2.64	2.63
	velocity	5.41	8.70	10.87	11.36	11.49	11.24	11.36	11.76	11.11	11.11	9.91	49.2	7.65	11.36	11.41
Williams, Teddy (USA) (1988)	time	1.82	3.02	3.90	4.82	5.72	6.60	7.48	8.39	9.30	10.24	10.24	8 / 8			
reaction time	interval		1.20	0.88	0.92	0.90	0.88	0.88	0.91	0.91	0.94		# of strides	3.90	2.70	2.70
	velocity	5.49	8.33	11.36	10.87	11.11	11.36	11.36	10.99	10.99	10.64	9.77	45.0	7.69	11.11	11.11

Heat 4

date 28-Jun-08 wind 0.8 m/s *USATF Women's Sprint Development with HPC (2008)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Martin, Rodney (USA) (1982)	time	2.00	3.02	4.00	4.89	5.76	6.59	7.43	8.28	9.21	10.10	10.10	2 / 1			
reaction time	interval		1.02	0.98	0.89	0.87	0.83	0.84	0.85	0.93	0.89	PB	# of strides	4.00	2.59	2.62
	velocity	5.00	9.80	10.20	11.24	11.49	12.05	11.90	11.76	10.75	11.24	9.90		7.50	11.58	11.45
Edwards, Monzavous (Rae) (USA)	time	1.96	3.02	3.94	4.84	5.71	6.59	7.42	8.31	9.21	10.13	10.13	7 / 2			
reaction time	interval		1.06	0.92	0.90	0.87	0.88	0.83	0.89	0.90	0.92		# of strides	3.94	2.65	2.62
	velocity	5.10	9.43	10.87	11.11	11.49	11.36	12.05	11.24	11.11	10.87	9.87		7.61	11.32	11.45
Jelks, Mark (USA) (1984)	time	1.94	2.98	3.89	4.80	5.69	6.52	7.41	8.31	9.21	10.13	10.13	8 / 3			
reaction time	interval		1.04	0.91	0.91	0.89	0.83	0.89	0.90	0.90	0.92		# of strides	3.89	2.63	2.69
	velocity	5.15	9.62	10.99	10.99	11.24	12.05	11.24	11.11	11.11	10.87	9.87		7.71	11.41	11.15
Gay, Tyson (USA) (1982)	time	1.96	2.99	3.88	4.79	5.63	6.47	7.31	8.20	9.14	10.14	10.14	4 / 4			
reaction time	interval		1.03	0.89	0.91	0.84	0.84	0.84	0.89	0.94	1.00		# of strides	3.88	2.59	2.67
	velocity	5.10	9.71	11.24	10.99	11.90	11.90	11.90	11.24	10.64	10.00	9.86		7.73	11.58	11.24
Carter, Xavier (USA) (1985)	time	2.00	3.05	3.99	4.86	5.72	6.60	7.46	8.31	9.19	10.14	10.14	6 / 5			
reaction time	interval		1.05	0.94	0.87	0.86	0.88	0.86	0.85	0.88	0.95		# of strides	3.99	2.61	2.59

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

	velocity	5.00	9.52	10.64	11.49	11.63	11.36	11.63	11.76	11.36	10.53	9.86		7.52	11.49	11.58
Hargrett, Chrisdon (USA) (1984)	time	1.98	3.00	3.97	4.84	5.69	6.60	7.46	8.32	9.25	10.19	10.19	5 / 6			
reaction time	interval		1.02	0.97	0.87	0.85	0.91	0.86	0.86	0.93	0.94		# of strides	3.97	2.63	2.65
	velocity	5.05	9.80	10.31	11.49	11.76	10.99	11.63	11.63	10.75	10.64	9.81		7.56	11.41	11.32
Perry, Preston (USA) (1983)	time	1.96	2.98	3.97	4.87	5.76	6.62	7.49	8.41	9.33	10.28	10.28	1 / 7			
reaction time	interval		1.02	0.99	0.90	0.89	0.86	0.87	0.92	0.92	0.95		# of strides	3.97	2.65	2.71
	velocity	5.10	9.80	10.10	11.11	11.24	11.63	11.49	10.87	10.87	10.53	9.73		7.56	11.32	11.07
Moore, Carlos (USA) (1984)	time	2.00	3.00	3.97	4.92	5.78	6.66	7.52	8.43	9.34	10.33	10.33	3 / 8			
reaction time	interval		1.00	0.97	0.95	0.86	0.88	0.86	0.91	0.91	0.99		# of strides	3.97	2.69	2.68
	velocity	5.00	10.00	10.31	10.53	11.63	11.36	11.63	10.99	10.99	10.10	9.68		7.56	11.15	11.19

Heat 3

date 28-Jun-08 wind 1.4 m/s *USATF Women's Sprint Development with HPC (2008)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Patton, Darvis (USA) (1977)	time	1.97	3.03	3.95	4.83	5.70	6.54	7.39	8.26	9.15	10.04	10.04	7 / 1			
reaction time	interval		1.06	0.92	0.88	0.87	0.84	0.85	0.87	0.89	0.89		# of strides	3.95	2.59	2.61
	velocity	5.08	9.43	10.87	11.36	11.49	11.90	11.76	11.49	11.24	11.24	9.96		7.59	11.58	11.49
Spearmon, Wallace (USA) (1984)	time	2.03	3.08	4.03	4.96	5.82	6.64	7.50	8.39	9.24	10.12	10.12	3 / 2			
reaction time	interval		1.05	0.95	0.93	0.86	0.82	0.86	0.89	0.85	0.88		# of strides	4.03	2.61	2.60
	velocity	4.93	9.52	10.53	10.75	11.63	12.20	11.63	11.24	11.76	11.36	9.88		7.44	11.49	11.54
Capel, John (USA) (1978)	time	1.98	3.03	3.95	4.87	5.74	6.59	7.47	8.39	9.26	10.16	10.16	4 / 3			
reaction time	interval		1.05	0.92	0.92	0.87	0.85	0.88	0.92	0.87	0.90		# of strides	3.95	2.64	2.67
	velocity	5.05	9.52	10.87	10.87	11.49	11.76	11.36	10.87	11.49	11.11	9.84		7.59	11.36	11.24
Scales, Mardy (USA) (1981)	time	1.86	2.90	3.83	4.75	5.62	6.48	7.36	8.29	9.22	10.16	10.16	6 / 4			
reaction time	interval		1.04	0.93	0.92	0.87	0.86	0.88	0.93	0.93	0.94		# of strides	3.83	2.65	2.74
	velocity	5.38	9.62	10.75	10.87	11.49	11.63	11.36	10.75	10.75	10.64	9.84		7.83	11.32	10.95
Samuels, J-Mee (USA) (1987)	time	1.90	3.00	3.90	4.83	5.68	6.56	7.44	8.36	9.24	10.17	10.17	5 / 5			
reaction time	interval		1.10	0.90	0.93	0.85	0.88	0.88	0.92	0.88	0.93		# of strides	3.90	2.66	2.68
	velocity	5.26	9.09	11.11	10.75	11.76	11.36	11.36	10.87	11.36	10.75	9.83		7.69	11.28	11.19
Williams, Teddy (USA) (1988)	time	1.97	2.97	3.92	4.80	5.70	6.64	7.54	8.42	9.34	10.27	10.27	8 / 6			
reaction time	interval		1.00	0.95	0.88	0.90	0.94	0.90	0.88	0.92	0.93		# of strides	3.92	2.72	2.70
	velocity	5.08	10.00	10.53	11.36	11.11	10.64	11.11	11.36	10.87	10.75	9.74		7.65	11.03	11.11
Heard, Jason (USA) (1983)	time	1.96	3.03	4.00	4.88	5.81	6.67	7.57	8.46	9.38	10.32	10.32	1 / 7			
reaction time	interval		1.07	0.97	0.88	0.93	0.86	0.90	0.89	0.92	0.94		# of strides	4.00	2.67	2.71
	velocity	5.10	9.35	10.31	11.36	10.75	11.63	11.11	11.24	10.87	10.64	9.69		7.50	11.24	11.07

Heat 2

date 28-Jun-08 wind 1.8 m/s *USATF Women's Sprint Development with HPC (2008)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Padgett, Travis (USA) (1986)	time	1.91	2.98	3.88	4.80	5.65	6.51	7.40	8.26	9.14	10.06	10.06	7 / 1			
reaction time	interval		1.07	0.90	0.92	0.85	0.86	0.89	0.86	0.88	0.92		# of strides	3.88	2.63	2.63
	velocity	5.24	9.35	11.11	10.87	11.76	11.63	11.24	11.63	11.36	10.87	9.94		7.73	11.41	11.41
Demps, Jeff (USA) (1990)	time	1.95	3.02	3.98	4.87	5.76	6.62	7.45	8.34	9.24	10.12	10.12	5 / 2			
reaction time	interval		1.07	0.96	0.89	0.89	0.86	0.83	0.89	0.90	0.88		# of strides	3.98	2.64	2.62
	velocity	5.13	9.35	10.42	11.24	11.24	11.63	12.05	11.24	11.11	11.36	9.88		7.54	11.36	11.45
Dixon, Leroy (USA) (1983)	time	1.91	2.95	3.87	4.82	5.65	6.52	7.37	8.27	9.20	10.16	10.16	2 / 3			
reaction time	interval		1.04	0.92	0.95	0.83	0.87	0.85	0.90	0.93	0.96		# of strides	3.87	2.65	2.68
	velocity	5.24	9.62	10.87	10.53	12.05	11.49	11.76	11.11	10.75	10.42	9.84		7.75	11.32	11.19
Williams, Rubin (USA) (1983)	time	1.95	2.98	3.92	4.78	5.68	6.57	7.42	8.34	9.26	10.18	10.18	6 / 4			
reaction time	interval		1.03	0.94	0.86	0.90	0.89	0.85	0.92	0.92	0.92		# of strides	3.92	2.65	2.69
	velocity	5.13	9.71	10.64	11.63	11.11	11.24	11.76	10.87	10.87	10.87	9.82		7.65	11.32	11.15
Grimes, Mickey (USA) (1976)	time	1.94	3.00	3.95	4.83	5.72	6.62	7.52	8.42	9.29	10.26	10.26	8 / 5			
reaction time	interval		1.06	0.95	0.88	0.89	0.90	0.90	0.90	0.87	0.97		# of strides	3.95	2.67	2.67
	velocity	5.15	9.43	10.53	11.36	11.24	11.11	11.11	11.11	11.49	10.31	9.75		7.59	11.24	11.24
Hall, Jeremy (USA) (1988)	time	1.98	2.97	3.97	4.87	5.75	6.64	7.47	8.41	9.32	10.26	10.26	4 / 6			
reaction time	interval		0.99	1.00	0.90	0.88	0.89	0.83	0.94	0.91	0.94		# of strides	3.97	2.67	2.68
	velocity	5.05	10.10	10.00	11.11	11.36	11.24	12.05	10.64	10.99	10.64	9.75		7.56	11.24	11.19
Wells, Evander (USA) (1987)	time	1.93	2.98	3.95	4.87	5.75	6.64	7.47	8.42	9.32	10.28	10.28	3 / 7			
reaction time	interval		1.05	0.97	0.92	0.88	0.89	0.83	0.95	0.90	0.96		# of strides	3.95	2.69	2.68
	velocity	5.18	9.52	10.31	10.87	11.36	11.24	12.05	10.53	11.11	10.42	9.73		7.59	11.15	11.19

Heat 1

date 28-Jun-08 wind 1.7 m/s *USATF Women's Sprint Development with HPC (2008)*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Dix, Walter (USA) (1986)	time	1.95	3.02	3.89	4.79	5.66	6.51	7.34	8.17	9.06	9.96	9.96	2 / 1			
reaction time	interval		1.07	0.87	0.90	0.87	0.85	0.83	0.83	0.89	0.90		# of strides	3.89	2.62	2.55
	velocity	5.13	9.35	11.49	11.11	11.49	11.76	12.05	12.05	11.24	11.11	10.04		7.71	11.45	11.76
Williams, Ivory (USA) (1985)	time	1.95	3.07	3.90	4.80	5.69	6.54	7.40	8.31	9.16	10.07	10.07	6 / 2			
reaction time	interval		1.12	0.83	0.90	0.89	0.85	0.86	0.91	0.85	0.91	=PB	# of strides	3.90	2.64	2.62
	velocity	5.13	8.93	12.05	11.11	11.24	11.76	11.63	10.99	11.76	10.99	9.93		7.69	11.36	11.45
Stevens, Kendall (USA) (1983)	time	1.93	2.98	3.90	4.80	5.67	6.57	7.47	8.34	9.27	10.13	10.13	8 / 3			
reaction time	interval		1.05	0.92	0.90	0.87	0.90	0.90	0.87	0.93	0.86	PB	# of strides	3.90	2.67	2.70
	velocity	5.18	9.52	10.87	11.11	11.49	11.11	11.11	11.49	10.75	11.63	9.87		7.69	11.24	11.11
Holiday, Trindon (USA) (1986)	time	1.91	2.98	3.88	4.81	5.67	6.52	7.39	8.30	9.21	10.14	10.14	1 / 4			
reaction time	interval		1.07	0.90	0.93	0.86	0.85	0.87	0.91	0.91	0.93		# of strides	3.88	2.64	2.69
	velocity	5.24	9.35	11.11	10.75	11.63	11.76	11.49	10.99	10.99	10.75	9.86		7.73	11.36	11.15
Rodgers, Michael (USA) (1985)	time	2.01	3.00	3.94	4.85	5.70	6.59	7.45	8.33	9.27	10.15	10.15	5 / 5			
reaction time	interval		0.99	0.94	0.91	0.85	0.89	0.86	0.88	0.94	0.88		# of strides	3.94	2.65	2.68
	velocity	4.98	10.10	10.64	10.99	11.76	11.24	11.63	11.36	10.64	11.36	9.85		7.61	11.32	11.19
Crawford, Shawn (USA) (1978)	time	2.03	2.95	3.98	4.88	5.77	6.63	7.49	8.36	9.27	10.17	10.17	7 / 6			
reaction time	interval		0.92	1.03	0.90	0.89	0.86	0.86	0.87	0.91	0.90		# of strides	3.98	2.65	2.64
	velocity	4.93	10.87	9.71	11.11	11.24	11.63	11.63	11.49	10.99	11.11	9.83		7.54	11.32	11.36
Laynes, Jeff (USA) (1970)	time	1.96	3.05	3.94	4.88	5.77	6.69	7.54	8.45	9.43	10.37	10.37	4 / 7			
reaction time	interval		1.09	0.89	0.94	0.89	0.92	0.85	0.91	0.98	0.94		# of strides	3.94	2.75	2.74
	velocity	5.10	9.17	11.24	10.64	11.24	10.87	11.76	10.99	10.20	10.64	9.64		7.61	10.91	10.95
Omole, Demi (USA) (1985)	time	1.98	3.04	3.95	4.93	5.82	6.72	7.60	8.52	9.52	10.49	10.49	3 / 8			
reaction time	interval		1.06	0.91	0.98	0.89	0.90	0.88	0.92	1.00	0.97		# of strides	3.95	2.77	2.80
	velocity	5.05	9.43	10.99	10.20	11.24	11.11	11.36	10.87	10.00	10.31	9.53		7.59	10.83	10.71

2008 Japanese National Championships (Kawasaki, JPN)

FINAL date 29-Jun-08 wind -0.2 m/s

Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tsukahara, Naoki (JPN) (1985)	time	1.95	3.00	3.96	4.88	5.78	6.68	7.57	8.48	9.39	10.31	10.31	/ 1			
reaction time	interval		1.05	0.96	0.92	0.90	0.90	0.89	0.91	0.91	0.92		# of strides	3.96	2.72	2.71
	velocity	5.13	9.52	10.42	10.87	11.11	11.11	11.24	10.99	10.99	10.87	9.70		7.58	11.03	11.07
Asahara, Nobuharu (JPN) (1972)	time	1.93	2.98	3.94	4.85	5.76	6.65	7.56	8.47	9.41	10.37	10.37	/ 2			
reaction time	interval		1.05	0.96	0.91	0.91	0.89	0.91	0.91	0.94	0.96		# of strides	3.94	2.71	2.76
	velocity	5.18	9.52	10.42	10.99	10.99	11.24	10.99	10.99	10.64	10.42	9.64		7.61	11.07	10.87
Kimura, Shintaro (JPN) (1987)	time	1.92	2.96	3.92	4.85	5.77	6.68	7.61	8.54	9.50	10.48	10.48	/ 3			
reaction time	interval		1.04	0.96	0.93	0.92	0.91	0.93	0.93	0.96	0.98		# of strides	3.92	2.76	2.82
	velocity	5.21	9.62	10.42	10.75	10.87	10.99	10.75	10.75	10.42	10.20	9.54		7.65	10.87	10.64
Kojima, Shigeyuki (JPN) (1979)	time	1.94	3.01	3.98	4.91	5.83	6.74	7.66	8.60	9.55	10.52	10.52	/ 4			
reaction time	interval		1.07	0.97	0.93	0.92	0.91	0.92	0.94	0.95	0.97		# of strides	3.98	2.76	2.81
	velocity	5.15	9.35	10.31	10.75	10.87	10.99	10.87	10.64	10.53	10.31	9.51		7.54	10.87	10.68

2008 USATF National Junior Championships (Columbus, OH)

FINAL date 20-Jun-08 wind 1.1 m/s

USATF Women's Sprint Development with HPC (2008)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wilks, Terrell (USA) (1989)	time	1.97	3.02	3.98	4.87	5.75	6.60	7.49	8.37	9.28	10.19	10.19	7 / 1			
reaction time	interval		1.05	0.96	0.89	0.88	0.85	0.89	0.88	0.91	0.91	PB	# of strides	3.98	2.62	2.68
	velocity	5.08	9.52	10.42	11.24	11.36	11.76	11.24	11.36	10.99	10.99	9.81		7.54	11.45	11.19
Sales, Antonio (USA) (1989)	time	2.04	3.09	4.04	4.98	5.87	6.74	7.63	8.50	9.41	10.33	10.33	4 / 2			
reaction time	interval		1.05	0.95	0.94	0.89	0.87	0.89	0.87	0.91	0.92	PB	# of strides	4.04	2.70	2.67
	velocity	4.90	9.52	10.53	10.64	11.24	11.49	11.24	11.49	10.99	10.87	9.68		7.43	11.11	11.24
Bailey, Ryan (USA) (1989)	time	2.00	3.09	4.05	4.95	5.85	6.74	7.62	8.54	9.43	10.34	10.34	6 / 3			
reaction time	interval		1.09	0.96	0.90	0.90	0.89	0.88	0.92	0.89	0.91		# of strides	4.05	2.69	2.69
	velocity	5.00	9.17	10.42	11.11	11.11	11.24	11.36	10.87	11.24	10.99	9.67		7.41	11.15	11.15
Sales, Dante (USA) (1990)	time	1.93	3.00	3.98	4.90	5.79	6.69	7.61	8.51	9.48	10.44	10.44	3 / 4			
reaction time	interval		1.07	0.98	0.92	0.89	0.90	0.92	0.90	0.97	0.96	PB	# of strides	3.98	2.71	2.79
	velocity	5.18	9.35	10.20	10.87	11.24	11.11	10.87	11.11	10.31	10.42	9.58		7.54	11.07	10.75
Murdock, Justin (USA) (1989)	time	1.97	3.05	3.97	4.91	5.80	6.70	7.62	8.54	9.50	10.45	10.45	2 / 5			
reaction time	interval		1.08	0.92	0.94	0.89	0.90	0.92	0.92	0.96	0.95	PB	# of strides	3.97	2.73	2.80
	velocity	5.08	9.26	10.87	10.64	11.24	11.11	10.87	10.87	10.42	10.53	9.57		7.56	10.99	10.71
Mitchell, Curtis (USA) (1989)	time	2.04	3.10	4.13	5.05	5.93	6.84	7.75	8.65	9.56	10.54	10.54	8 / 6			
reaction time	interval		1.06	1.03	0.92	0.88	0.91	0.91	0.90	0.91	0.98		# of strides	4.13	2.71	2.72

		velocity	4.90	9.43	9.71	10.87	11.36	10.99	10.99	11.11	10.99	10.20	9.49		7.26	11.07	11.03
Smith, Devon (USA) (1991)		time	1.97	3.05	4.02	4.95	5.87	6.80	7.74	8.71	9.69	10.68	10.68	1 / 7			
reaction time		interval		1.08	0.97	0.93	0.92	0.93	0.94	0.97	0.98	0.99		# of strides	4.02	2.78	2.89
		velocity	5.08	9.26	10.31	10.75	10.87	10.75	10.64	10.31	10.20	10.10	9.36		7.46	10.79	10.38

2008 Reebok (New York, NY)

FINAL

date 31-May-08 wind 1.7 m/s

Saunders (2011) - www.athleticscoaching.ca/member.aspx?p=viewblog&id=15

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bolt, Usain (JAM) (1986)		time	1.87	2.92	3.82	4.67	5.50	6.32	7.15	8.00	8.85	9.72	9.72	4 / 1			
reaction time	0.157	interval		1.05	0.90	0.85	0.83	0.82	0.83	0.85	0.85	0.87	**WR**	# of strides	3.82	2.50	2.53
		velocity	5.35	9.52	11.11	11.76	12.05	12.20	12.05	11.76	11.76	11.49	10.29	41.3	7.85	12.00	11.86

2008 Osaka Grand Prix (Osaka, JPN)

A FINAL

date 10-May-08 wind 0.8 m/s

Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Suetsugu, Shingo (JPN) (1980)	time	1.95	3.03	4.00	4.93	5.84	6.75	7.67	8.60	9.56	10.55	10.55	/ 2			
reaction time	interval		1.08	0.97	0.93	0.91	0.91	0.92	0.93	0.96	0.99		# of strides	4.00	2.75	2.81
	velocity	5.13	9.26	10.31	10.75	10.99	10.99	10.87	10.75	10.42	10.10	9.48		7.50	10.91	10.68
Ueno, Masahide (JPN) (1983)	time	1.99	3.03	3.97	4.90	5.81	6.73	7.65	8.59	9.55	10.55	10.55	/ 4			
reaction time	interval		1.04	0.94	0.93	0.91	0.92	0.92	0.94	0.96	1.00		# of strides	3.97	2.76	2.82
	velocity	5.03	9.62	10.64	10.75	10.99	10.87	10.87	10.64	10.42	10.00	9.48		7.56	10.87	10.64
Tsukahara, Naoki (JPN) (1985)	time	1.92	3.01	4.01	4.96	5.89	6.83	7.77	8.72	9.70	10.71	10.71	/ 6			
reaction time	interval		1.09	1.00	0.95	0.93	0.94	0.94	0.95	0.98	1.01		# of strides	4.01	2.82	2.87
	velocity	5.21	9.17	10.00	10.53	10.75	10.64	10.64	10.53	10.20	9.90	9.34		7.48	10.64	10.45
Ishikura, Kazuki (JPN) (1980)	time	1.91	3.00	4.01	4.96	5.91	6.85	7.80	8.76	9.75	10.78	10.78	/ 7			
reaction time	interval		1.09	1.01	0.95	0.95	0.94	0.95	0.96	0.99	1.03		# of strides	4.01	2.84	2.90
	velocity	5.24	9.17	9.90	10.53	10.53	10.64	10.53	10.42	10.10	9.71	9.28		7.48	10.56	10.34
Asahara, Nobuharu (JPN) (1972)	time	1.95	3.04	4.03	4.98	5.92	6.85	7.80	8.75	9.75	10.83	10.83	/ 8			
reaction time	interval		1.09	0.99	0.95	0.94	0.93	0.95	0.95	1.00	1.08		# of strides	4.03	2.82	2.90
	velocity	5.13	9.17	10.10	10.53	10.64	10.75	10.53	10.53	10.00	9.26	9.23		7.44	10.64	10.34

B FINAL

date 10-May-08 wind -1.4 m/s

Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xing Yanan (CHN) (1983)	time	1.97	3.02	3.98	4.90	5.81	6.72	7.64	8.57	9.52	10.49	10.49	/ 2			
reaction time	interval		1.05	0.96	0.92	0.91	0.91	0.92	0.93	0.95	0.97		# of strides	3.98	2.74	2.80
	velocity	5.08	9.52	10.42	10.87	10.99	10.99	10.87	10.75	10.53	10.31	9.53		7.54	10.95	10.71
Kanno, Yuta (JPN) (1980)	time	1.96	3.02	3.98	4.92	5.85	6.78	7.71	8.65	9.61	10.58	10.58	/ 4			
reaction time	interval		1.06	0.96	0.94	0.93	0.93	0.93	0.94	0.96	0.97		# of strides	3.98	2.80	2.83
	velocity	5.10	9.43	10.42	10.64	10.75	10.75	10.75	10.64	10.42	10.31	9.45		7.54	10.71	10.60
Rouge-Serret, Aaron (AUS) (1988)	time	1.97	3.04	4.01	4.94	5.86	6.78	7.71	8.64	9.59	10.62	10.62	/ 5			
reaction time	interval		1.07	0.97	0.93	0.92	0.92	0.93	0.93	0.95	1.03		# of strides	4.01	2.77	2.81
	velocity	5.08	9.35	10.31	10.75	10.87	10.87	10.75	10.75	10.53	9.71	9.42		7.48	10.83	10.68
Suwannarangsri, Sompuote (THA	time	1.97	3.04	4.01	4.94	5.87	6.78	7.71	8.67	9.64	10.68	10.68	/ 7			
reaction time	interval		1.07	0.97	0.93	0.93	0.91	0.93	0.96	0.97	1.04		# of strides	4.01	2.77	2.86
	velocity	5.08	9.35	10.31	10.75	10.75	10.99	10.75	10.42	10.31	9.62	9.36		7.48	10.83	10.49
Imori, Tadashi (JPN) (1977)	time	1.93	2.99	3.97	4.91	5.84	6.78	7.73	8.70	9.68	10.69	10.69	/ 8			
reaction time	interval		1.06	0.98	0.94	0.93	0.94	0.95	0.97	0.98	1.01		# of strides	3.97	2.81	2.90
	velocity	5.18	9.43	10.20	10.64	10.75	10.64	10.53	10.31	10.20	9.90	9.35		7.56	10.68	10.34

2008 Kanto Championsips (Tokyo, JPN)

Semi-Final 1

date 18-May-08 wind 0.1 m/s

Takikawa (2010) - research on the scientific data utilization model and development process of 100m performance

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Saito, Hitoshi (JPN) (1986)	time			3.96			6.69				10.35	10.35	/ 1			
reaction time	interval						2.73				3.66	**PB**	# of strides	3.96	2.73	
	velocity			7.58			10.99				10.93	9.66	46.5	7.58	10.99	

2008 Mikio Oda Memorial (Hiroshima, JPN)

FINAL

date 29-Apr-08 wind 2.7 m/s

Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Takahira, Shinji (JPN) (1984)	time	1.93	2.98	3.94	4.85	5.74	6.62	7.50	8.39	9.29	10.20	10.20	/ 2			
reaction time	interval		1.05	0.96	0.91	0.89	0.88	0.88	0.89	0.90	0.91		# of strides	3.94	2.68	2.67
	velocity	5.18	9.52	10.42	10.99	11.24	11.36	11.36	11.24	11.11	10.99	9.80		7.61	11.19	11.24
Hidaka, Kazuyoshi (JPN) (1980)	time	1.89	2.95	3.91	4.83	5.74	6.64	7.55	8.47	9.40	10.36	10.36	/ 4			
reaction time	interval		1.06	0.96	0.92	0.91	0.90	0.91	0.92	0.93	0.96		# of strides	3.91	2.73	2.76
	velocity	5.29	9.43	10.42	10.87	10.99	11.11	10.99	10.87	10.75	10.42	9.65		7.67	10.99	10.87

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

B FINAL

date 29-Apr-08 wind 2.4 m/s *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kimura, Shintaro (JPN) (1987)	time	1.92	2.97	3.93	4.85	5.76	6.66	7.57	8.49	9.42	10.36	10.36	/ 1			
reaction time	interval		1.05	0.96	0.92	0.91	0.90	0.91	0.92	0.93	0.94		# of strides	3.93	2.73	2.76
	velocity	5.21	9.52	10.42	10.87	10.99	11.11	10.99	10.87	10.75	10.64	9.65		7.63	10.99	10.87
Iwamoto, Kazuaki (JPN) (1982)	time	1.93	3.01	3.98	4.91	5.82	6.71	7.61	8.53	9.45	10.39	10.39	/ 2			
reaction time	interval		1.08	0.97	0.93	0.91	0.89	0.90	0.92	0.92	0.94		# of strides	3.98	2.73	2.74
	velocity	5.18	9.26	10.31	10.75	10.99	11.24	11.11	10.87	10.87	10.64	9.62		7.54	10.99	10.95

Heat 3

date 29-Apr-08 wind 0.8 m/s *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Takahira, Shinji (JPN) (1984)	time	1.93	2.98	3.92	4.84	5.74	6.63	7.54	8.45	9.36	10.29	10.29	/ 1			
reaction time	interval		1.05	0.94	0.92	0.90	0.89	0.91	0.91	0.91	0.93		# of strides	3.92	2.71	2.73
	velocity	5.18	9.52	10.64	10.87	11.11	11.24	10.99	10.99	10.99	10.75	9.72		7.65	11.07	10.99

Heat 2

date 29-Apr-08 wind 2.0 m/s *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kimura, Shintaro (JPN) (1987)	time	1.90	2.96	3.92	4.84	5.75	6.68	7.61	8.56	9.52	10.50	10.50	/ 5			
reaction time	interval		1.06	0.96	0.92	0.91	0.93	0.93	0.95	0.96	0.98		# of strides	3.92	2.76	2.84
	velocity	5.26	9.43	10.42	10.87	10.99	10.75	10.75	10.53	10.42	10.20	9.52		7.65	10.87	10.56
Sugawara, Shin (JPN) (1983)	time	1.96	3.05	4.03	4.97	5.90	6.83	7.75	8.69	9.63	10.63	10.63	/ 7			
reaction time	interval		1.09	0.98	0.94	0.93	0.93	0.92	0.94	0.94	1.00		# of strides	4.03	2.80	2.80
	velocity	5.10	9.17	10.20	10.64	10.75	10.75	10.87	10.64	10.64	10.00	9.41		7.44	10.71	10.71

Heat 1

date 29-Apr-08 wind 0.6 m/s *Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Asahara, Nobuharu (JPN) (1972)	time	1.92	2.96	3.91	4.83	5.72	6.61	7.49	8.37	9.26	10.17	10.17	/ 1			
reaction time	interval		1.04	0.95	0.92	0.89	0.89	0.88	0.88	0.89	0.91		# of strides	3.91	2.70	2.65
	velocity	5.21	9.62	10.53	10.87	11.24	11.24	11.36	11.36	11.24	10.99	9.83		7.67	11.11	11.32

2008 Asian Indoor Games (Doha, QAT)

FINAL

date 14-Feb-08 *Kuitunen (2008) - biomechanical analysis of the men's 60m final in asian indoor championships in athletics 2008*

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m
Francis, Samuel (QAT) (1987)	time	1.91	3.00	3.95	4.86	5.74	6.62	6.62	4 / 1		
reaction time	interval		1.09	0.95	0.91	0.88	0.88	CR	# of strides	3.95	2.67
	velocity	5.24	9.17	10.53	10.99	11.36	11.36	9.06		7.59	11.24
Leung Chun Wai (HKG) (1988)	time	1.88	2.98	3.96	4.90	5.84	6.79	6.79	5 / 2		
reaction time	interval		1.10	0.98	0.94	0.94	0.95	PB	# of strides	3.96	2.83
	velocity	5.32	9.09	10.20	10.64	10.64	10.53	8.84		7.58	10.60
Muravyov, Vyacheslav (KAZ) (1982	time	1.97	3.08	4.04	4.97	5.88	6.79	6.79	3 / 3		
reaction time	interval		1.11	0.96	0.93	0.91	0.91		# of strides	4.04	2.75
	velocity	5.08	9.01	10.42	10.75	10.99	10.99	8.84		7.43	10.91
Al-Salfa, Omar Juma (UAE) (1989)	time	1.95	3.06	4.03	4.97	5.89	6.81	6.81	2 / 4		
reaction time	interval		1.11	0.97	0.94	0.92	0.92	NR	# of strides	4.03	2.78
	velocity	5.13	9.01	10.31	10.64	10.87	10.87	8.81		7.44	10.79
Imran, Muhammad (PAK) (1983)	time	1.92	3.02	4.00	4.95	5.87	6.82	6.82	8 / 5		
reaction time	interval		1.10	0.98	0.95	0.92	0.95		# of strides	4.00	2.82
	velocity	5.21	9.09	10.20	10.53	10.87	10.53	8.80		7.50	10.64
Al-Farhan, Adel Mohamed (BRN)	time	1.97	3.08	4.05	4.98	5.91	6.84	6.84	7 / 6		
reaction time	interval		1.11	0.97	0.93	0.93	0.93	NR	# of strides	4.05	2.79
	velocity	5.08	9.01	10.31	10.75	10.75	10.75	8.77		7.41	10.75
Piaho, Amir (IRI)	time	1.92	3.03	4.01	4.96	5.90	6.85	6.85	1 / 7		
reaction time	interval		1.11	0.98	0.95	0.94	0.95		# of strides	4.01	2.84
	velocity	5.21	9.01	10.20	10.53	10.64	10.53	8.76		7.48	10.56
Galiyev, Rinat (KAZ) (1984)	time	1.91	3.02	4.01	4.98	5.91	6.87	6.87	6 / 8		
reaction time	interval		1.11	0.99	0.97	0.93	0.96		# of strides	4.01	2.86
	velocity	5.24	9.01	10.10	10.31	10.75	10.42	8.73		7.48	10.49

2007 Seiko Super Grand Prix (Yokohama, JPN)

FINAL

date 30-Sep-07 wind -1.4 m/s *Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gay, Tyson (USA) (1982)	time	1.98	3.05	4.00	4.91	5.79	6.67	7.55	8.43	9.32	10.23	10.23	/ 1			
reaction time	interval		1.07	0.95	0.91	0.88	0.88	0.88	0.88	0.89	0.91		# of strides	4.00	2.67	2.65
	velocity	5.05	9.35	10.53	10.99	11.36	11.36	11.36	11.36	11.24	10.99	9.78		7.50	11.24	11.32
Tsukahara, Naoki (JPN) (1985)	time	1.99	3.05	4.02	4.95	5.86	6.77	7.69	8.61	9.55	10.51	10.51	/ 3			

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

reaction time		interval		1.06	0.97	0.93	0.91	0.91	0.92	0.92	0.94	0.96		# of strides	4.02	2.75	2.78
		velocity	5.03	9.43	10.31	10.75	10.99	10.99	10.87	10.87	10.64	10.42	9.51		7.46	10.91	10.79

2007 IAAF World Athletic Final (Stuttgart, GER)

FINAL

date 22-Sep-07 wind -0.3 m/s

Graubner (2007) - http://www.fgs.uni-halle.de

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Powell, Asafa (JAM) (1982)		time		2.93	3.84	4.70		6.41		8.10		9.83	9.83	4 / 1			
reaction time	0.146	interval			0.91	0.86		1.71		1.69		1.73	CR	# of strides	3.84	2.57	
		velocity		6.83	10.99	11.63		11.70		11.83		11.56	10.17	44.9	7.81	11.67	
Saidy Ndure, Jaysuma (NOR) (198		time		2.99	3.93	4.82		6.57		8.30		10.06	10.06	7 / 2			
reaction time	0.150	interval			0.94	0.89		1.75		1.73		1.76	NR	# of strides	3.93	2.64	
		velocity		6.69	10.64	11.24		11.43		11.56		11.36	9.94	43.7	7.63	11.36	
Frater, Michael (JAM) (1982)		time		2.98	3.93	4.83		6.59		8.34		10.11	10.11	5 / 3			
reaction time	0.149	interval			0.95	0.90		1.76		1.75		1.77		# of strides	3.93	2.66	
		velocity		6.71	10.53	11.11		11.36		11.43		11.30	9.89	49.6	7.63	11.28	
Obikwelu, Francis (POR) (1978)		time		3.00	3.94	4.84		6.61		8.36		10.17	10.17	2 / 4			
reaction time	0.113	interval			0.94	0.90		1.77		1.75		1.81		# of strides	3.94	2.67	
		velocity		6.67	10.64	11.11		11.30		11.43		11.05	9.83	43.1	7.61	11.24	
Devonish, Marlon (GBR) (1976)		time		2.99	3.94	4.84		6.62		8.38		10.18	10.18	6 / 5			
reaction time	0.140	interval			0.95	0.90		1.78		1.76		1.80		# of strides	3.94	2.68	
		velocity		6.69	10.53	11.11		11.24		11.36		11.11	9.82	44.1	7.61	11.19	
Martina, Churandy (AHO) (1984)		time		3.05	4.00	4.91		6.69		8.45		10.23	10.23	3 / 6			
reaction time	0.151	interval			0.95	0.91		1.78		1.76		1.78		# of strides	4.00	2.69	
		velocity		6.56	10.53	10.99		11.24		11.36		11.24	9.78		7.50	11.15	
Osovnikar, Matic (SLO) (1980)		time		3.05	4.01	4.92		6.73		8.53		10.35	10.35	8 / 7			
reaction time	0.207	interval			0.96	0.91		1.81		1.80		1.82		# of strides	4.01	2.72	
		velocity		6.56	10.42	10.99		11.05		11.11		10.99	9.66		7.48	11.03	
Fasuba, Olusoji A. (NGR) (1984)		no information available											DQ	1 / --			

2007 Memorial Van Damme (Brussels, BEL)

FINAL

date 14-Sep-07 wind -0.3 m/s

ferrari (2009) - Split 100 metri uomini e donne (www.noivelocisti.net/forum?func=view&catid=9&id=1813)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Powell, Asafa (JAM) (1982)		time		2.91	3.82	4.69	5.54	6.38	7.23	8.08	8.95	9.84	9.84	/ 1			
reaction time	0.148	interval			0.91	0.87	0.85	0.84	0.85	0.85	0.87	0.89		# of strides	3.82	2.56	2.57
		velocity		6.87	10.99	11.49	11.76	11.90	11.76	11.76	11.49	11.24	10.16		7.85	11.72	11.67

2007 Rieti 2007 (Rieti, ITA)

Heat 2

date 09-Sep-07 wind 1.7 m/s

Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Powell, Asafa (JAM) (1982)		time		2.88	3.79	4.65	5.49	6.32	7.15	7.98	8.84	9.74	9.74	5 / 1			
reaction time	0.137	interval			0.91	0.86	0.84	0.83	0.83	0.83	0.86	0.90	WR	# of strides	3.79	2.53	2.52
		velocity		6.94	10.99	11.63	11.90	12.05	12.05	12.05	11.63	11.11	10.27	43.4	7.92	11.86	11.90

2007 IAAF World Championships (Osaka, JPN)

FINAL

date 26-Aug-07 wind -0.5 m/s

Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gay, Tyson (USA) (1982)		time	1.90	2.94	3.86	4.73	5.59	6.44	7.28	8.13	8.99	9.85	9.85	5 / 1			
reaction time	0.143	interval		1.04	0.92	0.87	0.86	0.85	0.84	0.85	0.86	0.86		# of strides	3.86	2.58	2.55
		velocity	5.26	9.62	10.87	11.49	11.63	11.76	11.90	11.76	11.63	11.63	10.15	45.2	7.77	11.63	11.76
Atkins, Derrick (BAH) (1984)		time	1.90	2.93	3.87	4.75	5.62	6.47	7.33	8.18	9.04	9.91	9.91	6 / 2			
reaction time	0.137	interval		1.03	0.94	0.88	0.87	0.85	0.86	0.85	0.86	0.87	NR	# of strides	3.87	2.60	2.57
		velocity	5.26	9.71	10.64	11.36	11.49	11.76	11.63	11.76	11.63	11.49	10.09	44.2	7.75	11.54	11.67
Powell, Asafa (JAM) (1982)		time	1.87	2.91	3.83	4.71	5.57	6.42	7.28	8.15	9.03	9.96	9.96	4 / 3			
reaction time	0.145	interval		1.04	0.92	0.88	0.86	0.85	0.86	0.87	0.88	0.93		# of strides	3.83	2.59	2.61
		velocity	5.35	9.62	10.87	11.36	11.63	11.76	11.63	11.49	11.36	10.75	10.04	46.0	7.83	11.58	11.49
Fasuba, Olusoji A. (NGR) (1984)	0.130	no information available											10.07	9 / 4	# of strides		47.0
Martina, Churandy (AHO) (1984)		time	2.07	3.10	4.04	4.92	5.79	6.64	7.50	8.35	9.21	10.08	10.08	8 / 5			
reaction time	0.180	interval		1.03	0.94	0.88	0.87	0.85	0.86	0.85	0.86	0.87		# of strides	4.04	2.60	2.57
		velocity	4.83	9.71	10.64	11.36	11.49	11.76	11.63	11.76	11.63	11.49	9.92	47.0	7.43	11.54	11.67
Devonish, Marlon (GBR) (1976)		time	1.98	2.99	3.95	4.84	5.73	6.60	7.47	8.35	9.23	10.14	10.14	7 / 6			
reaction time	0.149	interval		1.01	0.96	0.89	0.89	0.87	0.87	0.88	0.88	0.91		# of strides	3.95	2.65	2.63
		velocity	5.05	9.90	10.42	11.24	11.24	11.49	11.49	11.36	11.36	10.99	9.86	44.2	7.59	11.32	11.41
Osovnikar, Matic (SLO) (1980)	0.172	no information available											10.23	2 / 7	# of strides		47.0

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Burns, Marc (TRI) (1983) 0.166 no information available 10.29 3 / 8 # of strides 43.7

Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data

Semi-Final 2

date 26-Aug-07 wind 0.1 m/s

Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gay, Tyson (USA) (1982)		time	1.95	3.00	3.93	4.82	5.69	6.54	7.39	8.25	9.12	10.00	10.00	4 / 1			*Akirabun (2008)*
reaction time	0.170	interval		1.05	0.93	0.89	0.87	0.85	0.85	0.86	0.87	0.88		# of strides	3.93	2.61	2.58
		velocity	5.13	9.52	10.75	11.24	11.49	11.76	11.76	11.63	11.49	11.36	10.00	44.5	7.63	11.49	11.63
Devonish, Marlon (GBR) (1976)		time	1.93	2.99	3.93	4.83	5.71	6.58	7.45	8.33	9.22	10.12	10.12	7 / 2			*Akirabun (2008)*
reaction time	0.154	interval		1.06	0.94	0.90	0.88	0.87	0.87	0.88	0.89	0.90		# of strides	3.93	2.65	2.64
		velocity	5.18	9.43	10.64	11.11	11.36	11.49	11.49	11.36	11.24	11.11	9.88	44.2	7.63	11.32	11.36
Martina, Churandy (AHO) (1984)		time	1.97	3.04	3.99	4.90	5.78	6.65	7.51	8.38	9.26	10.15	10.15	6 / 3			*Akirabun (2008)*
reaction time	0.182	interval		1.07	0.95	0.91	0.88	0.87	0.86	0.87	0.88	0.89		# of strides	3.99	2.66	2.61
		velocity	5.08	9.35	10.53	10.99	11.36	11.49	11.63	11.49	11.36	11.24	9.85	47.2	7.52	11.28	11.49
Fasuba, Oljusoji (NGR) (1984)		time	1.90	2.94	3.89	4.78	5.67	6.56	7.44	8.34	9.25	10.18	10.18	9 / 4			*Ae (2008)*
reaction time	0.140	interval		1.04	0.95	0.89	0.89	0.89	0.88	0.90	0.91	0.93		# of strides	3.89	2.67	2.69
		velocity	5.26	9.62	10.53	11.24	11.24	11.24	11.36	11.11	10.99	10.75	9.82	47.0	7.71	11.24	11.15

Semi-Final 1

date 26-Aug-07 wind 0.3 m/s

Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Atkins, Derrick (BAH) (1984)		time	1.92	2.97	3.90	4.79	5.66	6.52	7.37	8.24	9.11	10.04	10.04	6 / 1			
reaction time	0.166	interval		1.05	0.93	0.89	0.87	0.86	0.85	0.87	0.87	0.93		# of strides	3.90	2.62	2.59
		velocity	5.21	9.52	10.75	11.24	11.49	11.63	11.76	11.49	11.49	10.75	9.96	44.0	7.69	11.45	11.58
Powell, Asafa (JAM) (1982)		time	1.89	2.93	3.84	4.71	5.57	6.44	7.32	8.22	9.14	10.08	10.08	4 / 2			
reaction time	0.156	interval		1.04	0.91	0.87	0.86	0.87	0.88	0.90	0.92	0.94		# of strides	3.84	2.60	2.70
		velocity	5.29	9.62	10.99	11.49	11.63	11.49	11.36	11.11	10.87	10.64	9.92	43.2	7.81	11.54	11.11
Asahara, Nobuharu (JPN) (1972)		time	1.94	2.99	3.94	4.85	5.75	6.64	7.54	8.45	9.38	10.36	10.36	3 / 8			
reaction time	0.161	interval		1.05	0.95	0.91	0.90	0.89	0.90	0.91	0.93	0.98		# of strides	3.94	2.70	2.74
		velocity	5.15	9.52	10.53	10.99	11.11	11.24	11.11	10.99	10.75	10.20	9.65	47.0	7.61	11.11	10.95

Quarter-Final 4

date 25-Aug-07 wind -0.3 m/s

Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tsukahara, Naoki (JPN) (1985)		time	1.92	2.96	3.91	4.83	5.73	6.62	7.53	8.44	9.36	10.31	10.31	7 / 5			
reaction time	0.154	interval		1.04	0.95	0.92	0.90	0.89	0.91	0.91	0.92	0.95		# of strides	3.91	2.71	2.74
		velocity	5.21	9.62	10.53	10.87	11.11	11.24	10.99	10.99	10.87	10.53	9.70	49.2	7.67	11.07	10.95

Quarter-Final 3

date 25-Aug-07 wind -0.6 m/s

Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Martina, Churandy (AHO) (1984)		time	1.96	2.99	3.94	4.84	5.72	6.58	7.45	8.31	9.19	10.10	10.10	4 / 1			
reaction time	0.141	interval		1.03	0.95	0.90	0.88	0.86	0.87	0.86	0.88	0.91		# of strides	3.94	2.64	2.61
		velocity	5.10	9.71	10.53	11.11	11.36	11.63	11.49	11.63	11.36	10.99	9.90	47.0	7.61	11.36	11.49

Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data

Quarter-Final 2

date 25-Aug-07 wind -0.5 m/s

Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gay, Tyson (USA) (1982)		time	1.97	3.02	3.95	4.83	5.69	6.55	7.41	8.27	9.14	10.06	10.06	4 / 1			*Akirabun (2008)*
reaction time	0.203	interval		1.05	0.93	0.88	0.86	0.86	0.86	0.86	0.87	0.92		# of strides	3.95	2.60	2.59
		velocity	5.08	9.52	10.75	11.36	11.63	11.63	11.63	11.63	11.49	10.87	9.94	44.7	7.59	11.54	11.58
Devonish, Marlon (GBR) (1976)		time	1.95	2.99	3.93	4.83	5.71	6.59	7.46	8.33	9.22	10.13	10.13	7 / 2			*Akirabun (2008)*
reaction time	0.154	interval		1.04	0.94	0.90	0.88	0.88	0.87	0.87	0.89	0.91		# of strides	3.93	2.66	2.63
		velocity	5.13	9.62	10.64	11.11	11.36	11.36	11.49	11.49	11.24	10.99	9.87	44.0	7.63	11.28	11.41
Fasuba, Oljusoji (NGR) (1984)		time	1.94	2.99	3.93	4.83	5.72	6.60	7.49	8.39	9.30	10.24	10.24	9 / 3			*Ae (2008)*
reaction time	0.181	interval		1.05	0.94	0.90	0.89	0.88	0.89	0.90	0.91	0.94		# of strides	3.93	2.67	2.70
		velocity	5.15	9.52	10.64	11.11	11.24	11.36	11.24	11.11	10.99	10.64	9.77	46.6	7.63	11.24	11.11

Quarter-Final 1

date 25-Aug-07 wind 0.8 m/s

Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Powell, Asafa (JAM) (1982)		time	1.85	2.88	3.80	4.67	5.53	6.39	7.24	8.13	9.05	10.01	10.01	7 / 1			
reaction time	0.150	interval		1.03	0.92	0.87	0.86	0.86	0.85	0.89	0.92	0.96		# of strides	3.80	2.59	2.66
		velocity	5.41	9.71	10.87	11.49	11.63	11.63	11.76	11.24	10.87	10.42	9.99	43.5	7.89	11.58	11.28
Atkins, Derrick (BAH) (1984)		time	1.89	2.93	3.88	4.76	5.63	6.49	7.35	8.21	9.09	10.02	10.02	8 / 2			
reaction time	0.150	interval		1.04	0.95	0.88	0.87	0.86	0.86	0.86	0.88	0.93		# of strides	3.88	2.61	2.60
		velocity	5.29	9.62	10.53	11.36	11.49	11.63	11.63	11.63	11.36	10.75	9.98	44.2	7.73	11.49	11.54
Asahara, Nobuharu (JPN) (1972)		time	1.91	2.95	3.90	4.80	5.69	6.57	7.44	8.33	9.24	10.16	10.16	4 / 4			
reaction time	0.143	interval		1.04	0.95	0.90	0.89	0.88	0.87	0.89	0.91	0.92		# of strides	3.90	2.67	2.67
		velocity	5.24	9.62	10.53	11.11	11.24	11.36	11.49	11.24	10.99	10.87	9.84	46.2	7.69	11.24	11.24

Heat 7

date 25-Aug-07 wind -0.1 m/s

Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tsukahara, Naoki (JPN) (1985)		time	1.87	2.92	3.87	4.78	5.68	6.57	7.47	8.36	9.27	10.20	10.20	3 / 2			
reaction time	0.132	interval		1.05	0.95	0.91	0.90	0.89	0.90	0.89	0.91	0.93	PB	# of strides	3.87	2.70	2.70
		velocity	5.35	9.52	10.53	10.99	11.11	11.24	11.11	11.24	10.99	10.75	9.80		7.75	11.11	11.11

Heat 6

date 25-Aug-07 wind 1.0 m/s

Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Powell, Asafa (JAM) (1982)		time	1.88	2.91	3.88	4.77	5.68	6.58	7.49	8.42	9.36	10.34	10.34	3 / 2			
reaction time	0.165	interval		1.03	0.97	0.89	0.91	0.90	0.91	0.93	0.94	0.98		# of strides	3.88	2.70	2.78
		velocity	5.32	9.71	10.31	11.24	10.99	11.11	10.99	10.75	10.64	10.20	9.67		7.73	11.11	10.79

Heat 3

date 25-Aug-07 wind -1.0 m/s

Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Devonish, Marlon (GBR) (1976)		time	1.92	2.97	3.91	4.80	5.68	6.56	7.43	8.31	9.20	10.13	10.13	4 / 1			
reaction time	0.138	interval		1.05	0.94	0.89	0.88	0.88	0.87	0.88	0.89	0.93		# of strides	3.91	2.65	2.64
		velocity	5.21	9.52	10.64	11.24	11.36	11.36	11.49	11.36	11.24	10.75	9.87		7.67	11.32	11.36

Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data

Heat 2

date 25-Aug-07 wind 1.0 m/s

Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Atkins, Derrick (BAH) (1984)		time	1.92	3.00	3.96	4.88	5.77	6.65	7.54	8.43	9.33	10.25	10.25	5 / 3		*Akirabun (2008)*	
reaction time	0.158	interval		1.08	0.96	0.92	0.89	0.88	0.89	0.89	0.90	0.92		# of strides	3.96	2.69	2.68
		velocity	5.21	9.26	10.42	10.87	11.24	11.36	11.24	11.24	11.11	10.87	9.76		7.58	11.15	11.19
Fasuba, Olusoji A. (NGR) (1984)		time	1.95	3.02	3.96	4.87	5.76	6.65	7.54	8.44	9.36	10.27	10.27	9 / 4		*Ae (2008)*	
reaction time	0.190	interval		1.07	0.94	0.91	0.89	0.89	0.89	0.90	0.92	0.91		# of strides	3.96	2.69	2.71
		velocity	5.13	9.35	10.64	10.99	11.24	11.24	11.24	11.11	10.87	10.99	9.74		7.58	11.15	11.07

Heat 1

date 25-Aug-07 wind 1.0 m/s

Akirabun (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Asahara, Nobuharu (JPN) (1972)		time	1.90	2.94	3.88	4.77	5.64	6.51	7.38	8.27	9.18	10.14	10.14	1 / 1			
reaction time	0.147	interval		1.04	0.94	0.89	0.87	0.87	0.87	0.89	0.91	0.96		# of strides	3.88	2.63	2.67
		velocity	5.26	9.62	10.64	11.24	11.49	11.49	11.49	11.24	10.99	10.42	9.86		7.73	11.41	11.24

2007 Japanese National High School Championships (Saga, JPN)

FINAL

date 03-Aug-07 wind 0.7 m/s

Hitorara (2007) - 60st high school championships: JAF scientific committee - biomechanics data collection

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kobayashi, Yuichi (JPN) (1989)	time		3.05	4.03	4.97	5.89	6.80	7.72	8.64	9.58	10.56	10.56	4 / 1			
reaction time	interval			0.98	0.94	0.92	0.91	0.92	0.92	0.94	0.98		# of strides	4.03	2.77	2.78
	velocity		6.56	10.20	10.64	10.87	10.99	10.87	10.87	10.64	10.20	9.47		7.44	10.83	10.79
Kawai, Genki (JPN) (1989)	time		2.97	3.95	4.88	5.81	6.74	7.68	8.62	9.58	10.59	10.59	8 / 2			
reaction time	interval			0.98	0.93	0.93	0.93	0.94	0.94	0.96	1.01		# of strides	3.95	2.79	2.84
	velocity		6.73	10.20	10.75	10.75	10.75	10.64	10.64	10.42	9.90	9.44		7.59	10.75	10.56
Yano, Shogo (JPN) (1990)	time		3.04	4.02	4.97	5.91	6.85	7.78	8.73	9.69	10.70	10.70	2 / 3			
reaction time	interval			0.98	0.95	0.94	0.94	0.93	0.95	0.96	1.01		# of strides	4.02	2.83	2.84
	velocity		6.58	10.20	10.53	10.64	10.64	10.75	10.53	10.42	9.90	9.35		7.46	10.60	10.56
Miyazaki, Takashi (JPN) (1990)	time		3.02	3.99	4.93	5.87	6.80	7.74	8.69	9.68	10.71	10.71	6 / 4			
reaction time	interval			0.97	0.94	0.94	0.93	0.94	0.95	0.99	1.03		# of strides	3.99	2.81	2.88
	velocity		6.62	10.31	10.64	10.64	10.75	10.64	10.53	10.10	9.71	9.34		7.52	10.68	10.42
Naoki, Koja (JPN)	time		3.07	4.07	5.00	5.93	6.86	7.79	8.73	9.70	10.72	10.72	5 / 5			
reaction time	interval			1.00	0.93	0.93	0.93	0.93	0.94	0.97	1.02		# of strides	4.07	2.79	2.84
	velocity		6.51	10.00	10.75	10.75	10.75	10.75	10.64	10.31	9.80	9.33		7.37	10.75	10.56
Yoshida, Kohei (JPN) (1989)	time		3.05	4.08	5.00	5.94	6.88	7.82	8.78	9.75	10.78	10.78	3 / 6			
reaction time	interval			1.03	0.92	0.94	0.94	0.94	0.96	0.97	1.03		# of strides	4.08	2.80	2.87
	velocity		6.56	9.71	10.87	10.64	10.64	10.64	10.42	10.31	9.71	9.28		7.35	10.71	10.45
Sakai, Taku (JPN)	time		3.07	4.07	5.00	5.95	6.90	7.86	8.82	9.79	10.81	10.81	7 / 7			
reaction time	interval			1.00	0.93	0.95	0.95	0.96	0.96	0.97	1.02		# of strides	4.07	2.83	2.89
	velocity		6.51	10.00	10.75	10.53	10.53	10.42	10.42	10.31	9.80	9.25		7.37	10.60	10.38
Sudo, Takumi (JPN)	time		3.08	4.11	5.08	6.05	7.03	8.01	9.01	10.02	11.08	11.08	1 / 8			
reaction time	interval			1.03	0.97	0.97	0.98	0.98	1.00	1.01	1.06		# of strides	4.11	2.92	2.99
	velocity		6.49	9.71	10.31	10.31	10.20	10.20	10.00	9.90	9.43	9.03		7.30	10.27	10.03

2007 Windsprint (Sundsvall, SWE)

FINAL

date 24-Jul-07 wind 1.4 m/s

(2007) - www.ssg.se/en/Windsprint/Split-times/

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Johnson, Chris (USA) (1982)	time			4.03			6.75		8.57		10.49	10.49	/ 1			
reaction time	interval						2.72		1.82		1.92		# of strides	4.03	2.72	
	velocity			7.44			11.03		10.99		10.42	9.53		7.44	11.03	
Masztak, Kamil (POL) (1982)	time			4.01			6.79		8.63		10.54	10.54	/ 2			
reaction time	interval						2.78		1.84		1.91		# of strides	4.01	2.78	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

	velocity	7.48	10.79	10.87	10.47	9.49		7.48	10.79	
Wellington, Andre (JAM) (1986)	time	4.00	6.79	8.66	10.59	10.59	/ 3			
reaction time	interval		2.79	1.87	1.93		# of strides	4.00	2.79	
	velocity	7.50	10.75	10.70	10.36	9.44		7.50	10.75	
Tärnhuvud, Stefan (SWE) (1985)	time	4.11	6.91	8.77	10.69	10.69	/ 4			
reaction time	interval		2.80	1.86	1.92		# of strides	4.11	2.80	
	velocity	7.30	10.71	10.75	10.42	9.35		7.30	10.71	
Engberg, Johan (SWE) (1981)	time	4.09	6.90	8.76	10.70	10.70	/ 5			
reaction time	interval		2.81	1.86	1.94		# of strides	4.09	2.81	
	velocity	7.33	10.68	10.75	10.31	9.35		7.33	10.68	
Sandin, Christofer (SWE) (1979)	time	4.11	6.95	8.85	10.83	10.83	/ 6			
reaction time	interval		2.84	1.90	1.98		# of strides	4.11	2.84	
	velocity	7.30	10.56	10.53	10.10	9.23		7.30	10.56	
Brännström, André (SWE) (1987)	time	4.17	7.06	9.01	11.01	11.01	/ 7			
reaction time	interval		2.89	1.95	2.00		# of strides	4.17	2.89	
	velocity	7.19	10.38	10.26	10.00	9.08		7.19	10.38	
Wahn, Erik (SWE) (1980)	time	4.18	7.07	9.01	11.02	11.02	/ 8			
reaction time	interval		2.89	1.94	2.01		# of strides	4.18	2.89	
	velocity	7.18	10.38	10.31	9.95	9.07		7.18	10.38	

B FINAL

date 24-Jul-07 wind 1.1 m/s *(2007) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sulusi-Sjö, Brian (SWE) (1977)	time			4.15			7.00		8.92		10.91	10.91	/ 1			
reaction time	interval						2.85		1.92		1.99	PB	# of strides	4.15	2.85	
	velocity			7.23			10.53		10.42		10.05	9.17		7.23	10.53	
Kling-Baptiste, Tom (SWE) (1990)	time			4.19			7.02		8.95		10.94	10.94	/ 2			
reaction time	interval						2.83		1.93		1.99	PB	# of strides	4.19	2.83	
	velocity			7.16			10.60		10.36		10.05	9.14		7.16	10.60	
Karlsson, Erik (SWE) (1987)	time			4.15			7.01		8.96		10.98	10.98	/ 3			
reaction time	interval						2.86		1.95		2.02		# of strides	4.15	2.86	
	velocity			7.23			10.49		10.26		9.90	9.11		7.23	10.49	
Mårtensson, Jonas (SWE) (1988)	time			4.11			7.03		8.99		11.06	11.06	/ 4			
reaction time	interval						2.92		1.96		2.07		# of strides	4.11	2.92	
	velocity			7.30			10.27		10.20		9.66	9.04		7.30	10.27	
Arnsten, Daniel (SWE) (1982)	time			4.11			7.04		8.98		11.10	11.10	/ 5			
reaction time	interval						2.93		1.94		2.12		# of strides	4.11	2.93	
	velocity			7.30			10.24		10.31		9.43	9.01		7.30	10.24	
Sunneborn, Mattias (SWE) (1970)	time			4.23			7.15		9.08		11.13	11.13	/ 6			
reaction time	interval						2.92		1.93		2.05		# of strides	4.23	2.92	
	velocity			7.09			10.27		10.36		9.76	8.98		7.09	10.27	
Ertzgaard, John (NOR) (1977)	time			4.33			7.29		9.27		11.34	11.34	/ 7			
reaction time	interval						2.96		1.98		2.07		# of strides	4.33	2.96	
	velocity			6.93			10.14		10.10		9.66	8.82		6.93	10.14	

C FINAL

date 24-Jul-07 wind -0.4 m/s *(2007) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Broström, Niklas (SWE) (1977)	time			4.17			7.08		9.06		11.18	11.18	/ 1			
reaction time	interval						2.91		1.98		2.12		# of strides	4.17	2.91	
	velocity			7.19			10.31		10.10		9.43	8.94		7.19	10.31	
Dufournier, Mathias (SWE) (1990)	time			4.28			7.21		9.22		11.22	11.22	/ 2			
reaction time	interval						2.93		2.01		2.00		# of strides	4.28	2.93	
	velocity			7.01			10.24		9.95		10.00	8.91		7.01	10.24	
Andersson, Adam (SWE) (1991)	time			4.25			7.21		9.18		11.23	11.23	/ 3			
reaction time	interval						2.96		1.97		2.05		# of strides	4.25	2.96	
	velocity			7.06			10.14		10.15		9.76	8.90		7.06	10.14	
Angell-Petersen, Børge (NOR) (19	time			4.25			7.22		9.23		11.31	11.31	/ 4			
reaction time	interval						2.97		2.01		2.08		# of strides	4.25	2.97	
	velocity			7.06			10.10		9.95		9.62	8.84		7.06	10.10	
Dahlöf, Carl (SWE) (1988)	time			4.23			7.22		9.27		11.32	11.32	/ 5			
reaction time	interval						2.99		2.05		2.05		# of strides	4.23	2.99	
	velocity			7.09			10.03		9.76		9.76	8.83		7.09	10.03	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Norgren, Daniel (SWE) (1990)	time			4.23		7.22		9.28		11.37	11.37	/ 6			
reaction time	interval					2.99		2.06		2.09		# of strides	4.23	2.99	
	velocity			7.09		10.03		9.71		9.57	8.80		7.09	10.03	
Adolfsson, Henrik (SWE) (1988)	time			4.23		7.24		9.31		11.40	11.40	/ 7			
reaction time	interval					3.01		2.07		2.09		# of strides	4.23	3.01	
	velocity			7.09		9.97		9.66		9.57	8.77		7.09	9.97	
Hilmersson, Jonas (SWE) (1988)	time			4.24		7.27		9.35		11.47	11.47	/ 8			
reaction time	interval					3.03		2.08		2.12		# of strides	4.24	3.03	
	velocity			7.08		9.90		9.62		9.43	8.72		7.08	9.90	

D FINAL

date 24-Jul-07 wind -0.8 m/s *(2007) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Waltersson, Jonathan (SWE) (198	time			4.28			7.28		9.25		11.28	11.28	/ 1			
reaction time	interval						3.00		1.97		2.03		# of strides	4.28	3.00	
	velocity			7.01			10.00		10.15		9.85	8.87		7.01	10.00	
Skoglund, Björn (SWE) (1991)	time			4.28			7.29		9.29		11.38	11.38	/ 2			
reaction time	interval						3.01		2.00		2.09		# of strides	4.28	3.01	
	velocity			7.01			9.97		10.00		9.57	8.79		7.01	9.97	
Mukiibi, Simon (SWE) (1990)	time			4.29			7.30		9.33		11.44	11.44	/ 3			
reaction time	interval						3.01		2.03		2.11		# of strides	4.29	3.01	
	velocity			6.99			9.97		9.85		9.48	8.74		6.99	9.97	
Idenfors, Daniel (SWE) (1988)	time			4.33			7.38		9.46		11.63	11.63	/ 4			
reaction time	interval						3.05		2.08		2.17		# of strides	4.33	3.05	
	velocity			6.93			9.84		9.62		9.22	8.60		6.93	9.84	
Söderqvist, Per-Erik (SWE) (1987)	time			4.40			7.49		9.54		11.65	11.65	/ 5			
reaction time	interval						3.09		2.05		2.11		# of strides	4.40	3.09	
	velocity			6.82			9.71		9.76		9.48	8.58		6.82	9.71	
Skeppstedt, Martin (SWE) (1982)	time			4.33			7.41		9.50		11.71	11.71	/ 6			
reaction time	interval						3.08		2.09		2.21		# of strides	4.33	3.08	
	velocity			6.93			9.74		9.57		9.05	8.54		6.93	9.74	

E FINAL

date 24-Jul-07 wind 0.2 m/s *(2007) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zetterberg, Johan (SWE) (1984)	time			4.30			7.30		9.34		11.47	11.47	/ 1			
reaction time	interval						3.00		2.04		2.13		# of strides	4.30	3.00	
	velocity			6.98			10.00		9.80		9.39	8.72		6.98	10.00	
Kristoffersson, Fredrik (SWE) (19	time			4.39			7.43		9.46		11.61	11.61	/ 2			
reaction time	interval						3.04		2.03		2.15		# of strides	4.39	3.04	
	velocity			6.83			9.87		9.85		9.30	8.61		6.83	9.87	
Svensson, Charles (SWE) (1975)	time			4.42			7.58		9.67		11.84	11.84	/ 3			
reaction time	interval						3.16		2.09		2.17		# of strides	4.42	3.16	
	velocity			6.79			9.49		9.57		9.22	8.45		6.79	9.49	
Groth, Joel (SWE) (1991)	time			4.45			7.66		9.76		11.95	11.95	/ 4			
reaction time	interval						3.21		2.10		2.19		# of strides	4.45	3.21	
	velocity			6.74			9.35		9.52		9.13	8.37		6.74	9.35	
Jonasson, Erik (SWE) (1991)	time			4.51			7.75		9.94		12.21	12.21	/ 5			
reaction time	interval						3.24		2.19		2.27		# of strides	4.51	3.24	
	velocity			6.65			9.26		9.13		8.81	8.19		6.65	9.26	
Larsson, Åke (SWE) (1957)	time			4.59			7.84		10.06		12.29	12.29	/ 6			
reaction time	interval						3.25		2.22		2.23		# of strides	4.59	3.25	
	velocity			6.54			9.23		9.01		8.97	8.14		6.54	9.23	

Heat 6

date 24-Jul-07 wind 0.4 m/s *(2007) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wissman, Johan (SWE) (1982)	time			4.13			6.88		8.66		10.51	10.51	/ 1			
reaction time	interval						2.75		1.78		1.85		# of strides	4.13	2.75	
	velocity			7.26			10.91		11.24		10.81	9.51		7.26	10.91	

2007 Japanese National Championships (Osaka, JPN)

FINAL

date 01-Jul-07 wind -0.3 m/s *Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tsukahara, Naoki (JPN) (1985)	time	1.92	2.99	3.95	4.88	5.79	6.69	7.58	8.49	9.41	10.34	10.34	/ 1			
reaction time	interval		1.07	0.96	0.93	0.91	0.90	0.89	0.91	0.92	0.93		# of strides	3.95	2.74	2.72

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
	velocity	5.21	9.35	10.42	10.75	10.99	11.11	11.24	10.99	10.87	10.75	9.67		7.59	10.95	11.03
Asahara, Nobuharu (JPN) (1972)	time	1.91	2.96	3.92	4.83	5.74	6.64	7.55	8.47	9.41	10.39	10.39	/ 2			
reaction time	interval		1.05	0.96	0.91	0.91	0.90	0.91	0.92	0.94	0.98		# of strides	3.92	2.72	2.77
	velocity	5.24	9.52	10.42	10.99	10.99	11.11	10.99	10.87	10.64	10.20	9.62		7.65	11.03	10.83
Kojima, Shigeyuki (JPN) (1979)	time	1.89	2.98	3.96	4.89	5.81	6.73	7.65	8.58	9.53	10.50	10.50	/ 3			
reaction time	interval		1.09	0.98	0.93	0.92	0.92	0.92	0.93	0.95	0.97		# of strides	3.96	2.77	2.80
	velocity	5.29	9.17	10.20	10.75	10.87	10.87	10.87	10.75	10.53	10.31	9.52		7.58	10.83	10.71
Ueno, Masahide (JPN) (1983)	time	1.92	3.01	3.99	4.91	5.83	6.75	7.67	8.60	9.54	10.50	10.50	/ 3			
reaction time	interval		1.09	0.98	0.92	0.92	0.92	0.92	0.93	0.94	0.96		# of strides	3.99	2.76	2.79
	velocity	5.21	9.17	10.20	10.87	10.87	10.87	10.87	10.75	10.64	10.42	9.52		7.52	10.87	10.75
Eriguchi, Masashi (JPN) (1988)	time	1.94	3.03	3.99	4.91	5.83	6.75	7.67	8.61	9.56	10.53	10.53	/ 5			
reaction time	interval		1.09	0.96	0.92	0.92	0.92	0.92	0.94	0.95	0.97		# of strides	3.99	2.76	2.81
	velocity	5.15	9.17	10.42	10.87	10.87	10.87	10.87	10.64	10.53	10.31	9.50		7.52	10.87	10.68

2007 Osaka Grand Prix (Osaka, JPN)

FINAL date 05-May-07 wind 0.4 m/s

Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Suetsugu, Shingo (JPN) (1980)	time	1.94	2.98	3.93	4.84	5.73	6.61	7.50	8.39	9.30	10.23	10.23	/ 1			
reaction time	interval		1.04	0.95	0.91	0.89	0.88	0.89	0.89	0.91	0.93		# of strides	3.93	2.68	2.69
	velocity	5.15	9.62	10.53	10.99	11.24	11.36	11.24	11.24	10.99	10.75	9.78		7.63	11.19	11.15
Asahara, Nobuharu (JPN) (1972)	time	1.94	3.00	3.95	4.86	5.76	6.66	7.56	8.48	9.41	10.38	10.38	/ 3			
reaction time	interval		1.06	0.95	0.91	0.90	0.90	0.90	0.92	0.93	0.97		# of strides	3.95	2.71	2.75
	velocity	5.15	9.43	10.53	10.99	11.11	11.11	11.11	10.87	10.75	10.31	9.63		7.59	11.07	10.91
Tsukahara, Naoki (JPN) (1985)	time	1.97	3.03	4.00	4.93	5.85	6.76	7.67	8.58	9.51	10.45	10.45	/ 4			
reaction time	interval		1.06	0.97	0.93	0.92	0.91	0.91	0.91	0.93	0.94		# of strides	4.00	2.76	2.75
	velocity	5.08	9.43	10.31	10.75	10.87	10.99	10.99	10.99	10.75	10.64	9.57		7.50	10.87	10.91

2007 Mikio Oda Memorial (Hiroshima, JPN)

FINAL date 29-Apr-07 wind 2.2 m/s

Akirabun (2008) - 2007 speed analysis of the men's & women's 100m, 100m hurdles, & 110m hurdles

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Asahara, Nobuharu (JPN) (1972)	time	1.91	2.95	3.90	4.80	5.69	6.56	7.45	8.34	9.25	10.18	10.18	/ 1			
reaction time	interval		1.04	0.95	0.90	0.89	0.87	0.89	0.89	0.91	0.93		# of strides	3.90	2.66	2.69
	velocity	5.24	9.62	10.53	11.11	11.24	11.49	11.24	11.24	10.99	10.75	9.82		7.69	11.28	11.15
Ishikura, Kazuki (JPN) (1980)	time	1.94	3.00	3.98	4.93	5.85	6.76	7.66	8.58	9.53	10.50	10.50	/ 5			
reaction time	interval		1.06	0.98	0.95	0.92	0.91	0.90	0.92	0.95	0.97		# of strides	3.98	2.78	2.77
	velocity	5.15	9.43	10.20	10.53	10.87	10.99	11.11	10.87	10.53	10.31	9.52		7.54	10.79	10.83

2006 Seiko Super Grand Prix (Yokohama, JPN)

FINAL date 24-Sep-06 wind 2.2 m/s

Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Suetsugu, Shingo (JPN) (1980)	time	1.97	3.00	3.93	4.82	5.69	6.56	7.44	8.32	9.21	10.12	10.12	/ 1			
reaction time	interval		1.03	0.93	0.89	0.87	0.87	0.88	0.88	0.89	0.91		# of strides	3.93	2.63	2.65
	velocity	5.08	9.71	10.75	11.24	11.49	11.49	11.36	11.36	11.24	10.99	9.88		7.63	11.41	11.32
Tsukahara, Naoki (JPN) (1985)	time	1.97	3.02	3.96	4.87	5.76	6.64	7.53	8.42	9.34	10.26	10.26	/ 2			
reaction time	interval		1.05	0.94	0.91	0.89	0.88	0.89	0.89	0.92	0.92		# of strides	3.96	2.68	2.70
	velocity	5.08	9.52	10.64	10.99	11.24	11.36	11.24	11.24	10.87	10.87	9.75		7.58	11.19	11.11

2006 Weltklasse (Zurich, SUI)

FINAL date 18-Aug-06 wind 1.0 m/s

Saunders (2011) - www.athleticscoaching.ca/member.aspx?p=viewblog&id=15

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Powell, Asafa (JAM) (1982)	time	1.87	2.89	3.81	4.68	5.52	6.36	7.20	8.05	8.91	9.77	9.77	5 / 1			
reaction time 0.148	interval		1.02	0.92	0.87	0.84	0.84	0.84	0.85	0.86	0.86	=WR	# of strides	3.81	2.55	2.55
	velocity	5.35	9.80	10.87	11.49	11.90	11.90	11.90	11.76	11.63	11.63	10.24	45.0	7.87	11.76	11.76
Gay, Tyson (USA) (1982)	time	1.90	2.93	3.87	4.75	5.61	6.46	7.30	8.14	8.99	9.84	9.84	6 / 2			
reaction time 0.152	interval		1.03	0.94	0.88	0.86	0.85	0.84	0.84	0.85	0.85	PB	# of strides	3.87	2.59	2.53
	velocity	5.26	9.71	10.64	11.36	11.63	11.76	11.90	11.90	11.76	11.76	10.16	45.0	7.75	11.58	11.86

2006 Estonian National Championship (Tallinn, EST)

FINAL date 21-Jul-06 wind 0.6 m/s

Misjuk (2011) - running velocity dynamics in 100m sprint

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Niit, Marek (EST) (1987)	time			4.02			6.77		8.61		10.51	10.51	/ 1			
reaction time	interval						2.75		1.84		1.90	NJR	# of strides	4.02	2.75	
	velocity			7.46			10.91		10.87		10.53	9.51		7.46	10.91	
Reinaru, Kristjan (EST) (1989)	time			4.05			7.00		8.89		10.84	10.84	/ 2			
reaction time	interval						2.95		1.89		1.95		# of strides	4.05	2.95	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

	velocity		7.41		10.17	10.58	10.26	9.23		7.41	10.17	
Mesipuu, Maido (EST) (1985)	time		4.03		6.91	8.85	10.93	10.93	/ 3			
reaction time	interval				2.88	1.94	2.08		# of strides	4.03	2.88	
	velocity		7.44		10.42	10.31	9.62	9.15		7.44	10.42	
Meerits, Teet (EST) (1989)	time		4.06		7.07	9.00	11.00	11.00	/ 4			
reaction time	interval				3.01	1.93	2.00		# of strides	4.06	3.01	
	velocity		7.39		9.97	10.36	10.00	9.09		7.39	9.97	
Ulianov, Vitalii (EST) (1987)	time		4.08		7.17	9.10	11.12	11.12	/ 5			
reaction time	interval				3.09	1.93	2.02		# of strides	4.08	3.09	
	velocity		7.35		9.71	10.36	9.90	8.99		7.35	9.71	
Krumm, Elmo (EST) (1985)	time		4.06		7.12	9.11	11.15	11.15	/ 6			
reaction time	interval				3.06	1.99	2.04		# of strides	4.06	3.06	
	velocity		7.39		9.80	10.05	9.80	8.97		7.39	9.80	
Lind, Mait (EST) (1975)	time		4.09		7.20	9.17	11.21	11.21	/ 7			
reaction time	interval				3.11	1.97	2.04		# of strides	4.09	3.11	
	velocity		7.33		9.65	10.15	9.80	8.92		7.33	9.65	

2006 USATF National Championship (Indianapolis, IN)

FINAL

date 23-Jun-06 wind -1.2 m/s *USATF Women's Sprint Development (2006)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gatlin, Justin (USA) (1982)	time	1.92	2.98	3.87	4.73	5.59	6.46	7.29	8.16	9.06	9.93	9.93	4 / ~~1~~			
reaction time	interval		1.06	0.89	0.86	0.86	0.87	0.83	0.87	0.90	0.87	DV	# of strides	3.87	2.59	2.60
	velocity	5.21	9.43	11.24	11.63	11.63	11.49	12.05	11.49	11.11	11.49	10.07	43.0	7.75	11.58	11.54
Gay, Tyson (USA) (1982)	time	1.99	3.04	3.96	4.82	5.71	6.57	7.41	8.27	9.18	10.07	10.07	6 / ~~2~~ 1			
reaction time	interval		1.05	0.92	0.86	0.89	0.86	0.84	0.86	0.91	0.89		# of strides	3.96	2.61	2.61
	velocity	5.03	9.52	10.87	11.63	11.24	11.63	11.90	11.63	10.99	11.24	9.93	46.7	7.58	11.49	11.49
Crawford, Shawn (USA) (1978)	time	1.99	3.04	3.97	4.84	5.76	6.64	7.50	8.39	9.33	10.26	10.26	5 / ~~3~~ 2			
reaction time	interval		1.05	0.93	0.87	0.92	0.88	0.86	0.89	0.94	0.93		# of strides	3.97	2.67	2.69
	velocity	5.03	9.52	10.75	11.49	10.87	11.36	11.63	11.24	10.64	10.75	9.75	46.7	7.56	11.24	11.15
Vaden, Jordan (USA) (1978)	time	2.01	3.08	4.01	4.89	5.79	6.69	7.54	8.48	9.36	10.27	10.27	3 / ~~4~~ 3			
reaction time	interval		1.07	0.93	0.88	0.90	0.90	0.85	0.94	0.88	0.91		# of strides	4.01	2.68	2.67
	velocity	4.98	9.35	10.75	11.36	11.11	11.11	11.76	10.64	11.36	10.99	9.74	45.0	7.48	11.19	11.24
Smoots, Jason (USA) (1980)	time	1.97	3.02	3.97	4.87	5.76	6.66	7.52	8.43	9.34	10.29	10.29	1 / ~~5~~ 4			
reaction time	interval		1.05	0.95	0.90	0.89	0.90	0.86	0.91	0.91	0.95		# of strides	3.97	2.69	2.68
	velocity	5.08	9.52	10.53	11.11	11.24	11.11	11.63	10.99	10.99	10.53	9.72	45.5	7.56	11.15	11.19
Conwright, Kaaron (USA) (1976)	time	1.95	3.00	3.96	4.84	5.74	6.64	7.54	8.48	9.39	10.33	10.33	2 / ~~6~~ 5			
reaction time	interval		1.05	0.96	0.88	0.90	0.90	0.90	0.94	0.91	0.94		# of strides	3.96	2.68	2.75
	velocity	5.13	9.52	10.42	11.36	11.11	11.11	11.11	10.64	10.99	10.64	9.68	47.5	7.58	11.19	10.91
Williams, Bernard (USA) (1978)	time	2.00	3.07	3.97	4.89	5.76	6.66	7.56	8.44	9.43	10.36	10.36	7 / ~~7~~ 6			
reaction time	interval		1.07	0.90	0.92	0.87	0.90	0.90	0.88	0.99	0.93		# of strides	3.97	2.69	2.77
	velocity	5.00	9.35	11.11	10.87	11.49	11.11	11.11	11.36	10.10	10.75	9.65	48.0	7.56	11.15	10.83
Scales, Mardy (USA) (1981)	time	1.97	3.03	3.96	4.87	5.77	6.70	7.59	8.49	9.48	10.43	10.43	8 / ~~8~~ 7			
reaction time	interval		1.06	0.93	0.91	0.90	0.93	0.89	0.90	0.99	0.95		# of strides	3.96	2.74	2.78
	velocity	5.08	9.43	10.75	10.99	11.11	10.75	11.24	11.11	10.10	10.53	9.59	48.5	7.58	10.95	10.79

Semi-Final 2

date 23-Jun-06 wind -1.2 m/s *USATF Women's Sprint Development (2006)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gay, Tyson (USA) (1982)	time	1.93	2.98	3.92	4.82	5.69	6.55	7.42	8.31	9.23	10.15	10.15	5 / 1			
reaction time	interval		1.05	0.94	0.90	0.87	0.86	0.87	0.89	0.92	0.92		# of strides	3.92	2.63	2.68
	velocity	5.18	9.52	10.64	11.11	11.49	11.63	11.49	11.24	10.87	10.87	9.85	46.0	7.65	11.41	11.19
Vaden, Jordan (USA) (1978)	time	1.90	2.97	3.90	4.82	5.71	6.59	7.46	8.38	9.33	10.24	10.24	6 / 2			
reaction time	interval		1.07	0.93	0.92	0.89	0.88	0.87	0.92	0.95	0.91		# of strides	3.90	2.69	2.74
	velocity	5.26	9.35	10.75	10.87	11.24	11.36	11.49	10.87	10.53	10.99	9.77	46.0	7.69	11.15	10.95
Smoots, Jason (USA) (1980)	time	1.96	3.04	3.95	4.84	5.72	6.61	7.49	8.39	9.34	10.25	10.25	4 / 3			
reaction time	interval		1.08	0.91	0.89	0.88	0.89	0.88	0.90	0.95	0.91		# of strides	3.95	2.66	2.73
	velocity	5.10	9.26	10.99	11.24	11.36	11.24	11.36	11.11	10.53	10.99	9.76	44.5	7.59	11.28	10.99
Conwright, Kaaron (USA) (1976)	time	1.93	2.97	3.92	4.82	5.72	6.62	7.50	8.42	9.56	10.26	10.26	2 / 4			
reaction time	interval		1.04	0.95	0.90	0.90	0.90	0.88	0.92	1.14	0.70		# of strides	3.92	2.70	2.94
	velocity	5.18	9.62	10.53	11.11	11.11	11.11	11.36	10.87	8.77	14.29	9.75	47.5	7.65	11.11	10.20
Willie, Kelly (USA) (1982)	time	1.95	3.05	3.97	4.87	5.74	6.64	7.52	8.44	9.39	10.32	10.32	7 / 5			

reaction time	interval		1.10	0.92	0.90	0.87	0.90	0.88	0.92	0.95	0.93		# of strides	3.97	2.67	2.75
	velocity	5.13	9.09	10.87	11.11	11.49	11.11	11.36	10.87	10.53	10.75	9.69	48.2	7.56	11.24	10.91
Blanton, DaBryan (USA) (1984)	time	1.97	3.04	3.95	4.86	5.75	6.66	7.59	8.52	9.49	10.43	10.43	8 / 6			
reaction time	interval		1.07	0.91	0.91	0.89	0.91	0.93	0.93	0.97	0.94		# of strides	3.95	2.71	2.83
	velocity	5.08	9.35	10.99	10.99	11.24	10.99	10.75	10.75	10.31	10.64	9.59	45.7	7.59	11.07	10.60
Woods, John (USA) (1982)	time	1.95	3.03	4.00	4.90	5.84	6.74	7.65	8.57	9.53	10.45	10.45	1 / 7			
reaction time	interval		1.08	0.97	0.90	0.94	0.90	0.91	0.92	0.96	0.92		# of strides	4.00	2.74	2.79
	velocity	5.13	9.26	10.31	11.11	10.64	11.11	10.99	10.87	10.42	10.87	9.57	48.2	7.50	10.95	10.75

Semi-Final 1

date 23-Jun-06 wind -1.2 m/s *USATF Women's Sprint Development (2006)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gatlin, Justin (USA) (1982)	time	1.90	2.92	3.87	4.72	5.61	6.47	7.32	8.19	9.07	9.99	9.99	3 / ~~1~~			
reaction time	interval		1.02	0.95	0.85	0.89	0.86	0.85	0.87	0.88	0.92	DV	# of strides	3.87	2.60	2.60
	velocity	5.26	9.80	10.53	11.76	11.24	11.63	11.76	11.49	11.36	10.87	10.01	42.2	7.75	11.54	11.54
Crawford, Shawn (USA) (1978)	time	1.98	3.04	3.99	4.91	5.79	6.66	7.56	8.44	9.36	10.30	10.30	6 / ~~2~~ 1			
reaction time	interval		1.06	0.95	0.92	0.88	0.87	0.90	0.88	0.92	0.94		# of strides	3.99	2.67	2.70
	velocity	5.05	9.43	10.53	10.87	11.36	11.49	11.11	11.36	10.87	10.64	9.71	46.0	7.52	11.24	11.11
Williams, Bernard (USA) (1978)	time	1.95	3.02	4.04	4.89	5.80	6.67	7.57	8.47	9.39	10.33	10.33	2 / ~~3~~ 2			
reaction time	interval		1.07	1.02	0.85	0.91	0.87	0.90	0.90	0.92	0.94		# of strides	4.04	2.63	2.72
	velocity	5.13	9.35	9.80	11.76	10.99	11.49	11.11	11.11	10.87	10.64	9.68	47.0	7.43	11.41	11.03
Scales, Mardy (USA) (1981)	time	1.94	3.00	3.94	4.86	5.76	6.65	7.54	8.46	9.39	10.34	10.34	1 / ~~4~~ 3			
reaction time	interval		1.06	0.94	0.92	0.90	0.89	0.89	0.92	0.93	0.95		# of strides	3.94	2.71	2.74
	velocity	5.15	9.43	10.64	10.87	11.11	11.24	11.24	10.87	10.75	10.53	9.67	48.0	7.61	11.07	10.95
Omole, Demi (USA) (1985)	time	1.96	2.99	3.92	4.82	5.71	6.64	7.54	8.46	9.43	10.35	10.35	8 / ~~5~~ 4			
reaction time	interval		1.03	0.93	0.90	0.89	0.93	0.90	0.92	0.97	0.92		# of strides	3.92	2.72	2.79
	velocity	5.10	9.71	10.75	11.11	11.24	10.75	11.11	10.87	10.31	10.87	9.66	47.0	7.65	11.03	10.75
Kimmons, Trell (USA) (1985)	time	1.94	2.97	3.92	4.84	5.72	6.65	7.54	8.47	9.39	10.36	10.36	7 / ~~6~~ 5			
reaction time	interval		1.03	0.95	0.92	0.88	0.93	0.89	0.93	0.92	0.97		# of strides	3.92	2.73	2.74
	velocity	5.15	9.71	10.53	10.87	11.36	10.75	11.24	10.75	10.87	10.31	9.65	47.5	7.65	10.99	10.95
Laynes, Jeff (USA) (1970)	time	1.95	2.99	3.95	4.87	5.76	6.67	7.59	8.51	9.47	10.44	10.44	5 / ~~7~~ 6			
reaction time	interval		1.04	0.96	0.92	0.89	0.91	0.92	0.92	0.96	0.97		# of strides	3.95	2.72	2.80
	velocity	5.13	9.62	10.42	10.87	11.24	10.99	10.87	10.87	10.42	10.31	9.58	45.7	7.59	11.03	10.71

2006 USATF National Junior Championships (Indianapolis, IN)

FINAL

date 22-Jun-06 wind 1.5 m/s *USATF Women's Sprint Development (2006)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Perry, Willie (USA) (1987)	time	2.02	3.09	4.01	4.94	5.79	6.66	7.51	8.36	9.24	10.12	10.12	4 / 1			
reaction time	interval		1.07	0.92	0.93	0.85	0.87	0.85	0.85	0.88	0.88	PB	# of strides	4.01	2.65	2.58
	velocity	4.95	9.35	10.87	10.75	11.76	11.49	11.76	11.76	11.36	11.36	9.88		7.48	11.32	11.63
McKenzie, Gordon (USA) (1987)	time	1.97	3.02	3.99	4.89	5.76	6.64	7.54	8.44	9.40	10.30	10.30	7 / 2			
reaction time	interval		1.05	0.97	0.90	0.87	0.88	0.90	0.90	0.96	0.90	PB	# of strides	3.99	2.65	2.76
	velocity	5.08	9.52	10.31	11.11	11.49	11.36	11.11	11.11	10.42	11.11	9.71		7.52	11.32	10.87
Harris, Odell (USA) (1987)	time	2.00	3.07	4.03	4.96	5.82	6.71	7.61	8.53	9.49	10.40	10.40	5 / 3			
reaction time	interval		1.07	0.96	0.93	0.86	0.89	0.90	0.92	0.96	0.91		# of strides	4.03	2.68	2.78
	velocity	5.00	9.35	10.42	10.75	11.63	11.24	11.11	10.87	10.42	10.99	9.62		7.44	11.19	10.79
Wells, Evander (USA) (1987)	time	2.00	3.04	3.99	4.91	5.79	6.72	7.61	8.54	9.50	10.45	10.45	8 / 4			
reaction time	interval		1.04	0.95	0.92	0.88	0.93	0.89	0.93	0.96	0.95		# of strides	3.99	2.73	2.78
	velocity	5.00	9.62	10.53	10.87	11.36	10.75	11.24	10.75	10.42	10.53	9.57		7.52	10.99	10.79
Myers, Brandon (USA) (1987)	time	2.00	3.07	4.04	4.96	5.89	6.76	7.66	8.56	9.51	10.46	10.46	1 / 5			
reaction time	interval		1.07	0.97	0.92	0.93	0.87	0.90	0.90	0.95	0.95	PB	# of strides	4.04	2.72	2.75
	velocity	5.00	9.35	10.31	10.87	10.75	11.49	11.11	11.11	10.53	10.53	9.56		7.43	11.03	10.91
Wims, Scott (USA) (1988)	time	2.01	3.10	4.06	4.99	5.89	6.79	7.71	8.61	9.54	10.46	10.46	2 / 6			
reaction time	interval		1.09	0.96	0.93	0.90	0.90	0.92	0.90	0.93	0.92		# of strides	4.06	2.73	2.75
	velocity	4.98	9.17	10.42	10.75	11.11	11.11	10.87	11.11	10.75	10.87	9.56		7.39	10.99	10.91
Worsley, Dominique (USA) (1987)	time	2.04	3.10	4.10	5.04	5.96	6.86	7.75	8.64	9.62	10.58	10.58	6 / 7			
reaction time	interval		1.06	1.00	0.94	0.92	0.90	0.89	0.89	0.98	0.96		# of strides	4.10	2.76	2.76
	velocity	4.90	9.43	10.00	10.64	10.87	11.11	11.24	11.24	10.20	10.42	9.45		7.32	10.87	10.87
Samuels, J-Mee (USA) (1987)	time	1.97	3.00	3.95	4.87	5.76	6.66	7.57	8.55	9.69	11.01	11.01	3 / 8			
reaction time	interval		1.03	0.95	0.92	0.89	0.90	0.91	0.98	1.14	1.32		# of strides	3.95	2.71	3.03
	velocity	5.08	9.71	10.53	10.87	11.24	11.11	10.99	10.20	8.77	7.58	9.08		7.59	11.07	9.90

2006 Norwich Union (Gateshead, GBR)

FINAL date 11-Jun-06 wind 1.5 m/s

Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Powell, Asafa (JAM) (1982)		time	1.86	2.88	3.81	4.68	5.53	6.37	7.21	8.06	8.91	9.77	9.77	4 / 1			
reaction time	0.145	interval		1.02	0.93	0.87	0.85	0.84	0.84	0.85	0.85	0.86	=WR	# of strides	3.81	2.56	2.54
		velocity	5.38	9.80	10.75	11.49	11.76	11.90	11.90	11.76	11.76	11.63	10.24	45.0	7.87	11.72	11.81

2006 Qatar Super Grand Prix (Doha, QAT)

Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)

FINAL date 12-May-06 wind 1.7 m/s

Kuitunen (2006) - justin gatlin wr 9.77 - race analysis - short report

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gatlin, Justin (USA) (1982)		time	1.93	2.98	3.89	4.74	5.58	6.39	7.21	8.07	8.91	9.77	9.77	/ ~~1~~			*Kuitunen (2006)*
reaction time		interval		1.05	0.91	0.85	0.84	0.81	0.82	0.86	0.84	0.86	~~=WR~~ DV	# of strides	3.89	2.50	2.52
		velocity	5.18	9.52	10.99	11.76	11.90	12.35	12.20	11.63	11.90	11.63	10.24	41.6	7.71	12.00	11.90
Fasuba, Oluji (NGR) (1984)		time	1.83	2.85	3.79	4.65	5.50	6.35	7.21	8.08	8.96	9.85	9.85	/ ~~2~~ 1			*Brito (2007)*
reaction time	0.158	interval		1.02	0.94	0.86	0.85	0.85	0.86	0.87	0.88	0.89	AR	# of strides	3.79	2.56	2.61
		velocity	5.46	9.80	10.64	11.63	11.76	11.76	11.63	11.49	11.36	11.24	10.15	45.7	7.92	11.72	11.49

2006 Osaka Grand Prix (Osaka, JPN)

FINAL date 06-May-06 wind -0.1 m/s

Akirabun (2007) - speed analysis of the 100m and hurdles with a laser system

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gatlin, Justin (USA) (1982)		time	1.93	2.95	3.88	4.77	5.63	6.49	7.35	8.21	9.07	9.95	9.95	/ ~~1~~			
reaction time		interval		1.02	0.93	0.89	0.86	0.86	0.86	0.86	0.86	0.88	DV	# of strides	3.88	2.61	2.58
		velocity	5.18	9.80	10.75	11.24	11.63	11.63	11.63	11.63	11.63	11.36	10.05		7.73	11.49	11.63
Brunson, Marcus (USA) (1978)		time	1.97	3.00	3.93	4.82	5.69	6.56	7.44	8.32	9.21	10.12	10.12	/ ~~2~~ 1			
reaction time		interval		1.03	0.93	0.89	0.87	0.87	0.88	0.88	0.89	0.91		# of strides	3.93	2.63	2.65
		velocity	5.08	9.71	10.75	11.24	11.49	11.49	11.36	11.36	11.24	10.99	9.88		7.63	11.41	11.32
Suetsugu, Shingo (JPN) (1980)		time	1.97	3.02	3.96	4.87	5.76	6.64	7.53	8.42	9.34	10.26	10.26	/ ~~3~~ 2			
reaction time		interval		1.05	0.94	0.91	0.89	0.88	0.89	0.89	0.92	0.92		# of strides	3.96	2.68	2.70
		velocity	5.08	9.52	10.64	10.99	11.24	11.36	11.24	11.24	10.87	10.87	9.75		7.58	11.19	11.11

2005 IAAF World Championships (Helsinki, FIN)

FINAL date 07-Aug-05 wind 0.4 m/s

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gatlin, Justin (USA) (1982)	0.157	no information available										9.88	5 / 1	# of strides		42.0
Frater, Michael (JAM) (1982)	0.141	no information available										10.05	4 / 2	# of strides		49.0
Collins, Kim (SKN) (1976)	0.146	no information available										10.05	2 / 3	# of strides		48.0
Obikwelu, Francis (POR) (1978)	0.134	no information available										10.07	8 / 4	# of strides		42.2
Thomas, Dwight (JAM) (1980)	0.138	no information available										10.09	7 / 5	# of strides		44.7
Scott, Leonard (USA) (1980)	0.123	no information available										10.13	3 / 6	# of strides		47.0
Burn, Marc (TTO) (1983)	0.165	no information available										10.14	1 / 7	# of strides		43.2
Zakari, Aziz (GHA) (1976)	0.131	no information available										10.20	6 / 8	# of strides		46.0

2005 European U23 Championships (Erfurt, GER)

FINAL date 16-Jul-05 wind 2.4 m/s

Graubner (2005) - wettkampfanalytische untersuchung der sprintliestungsfähigkeit

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wieser, Stefan (GER) (1984)		time		3.03	4.00	4.92		6.71		8.49		10.32	10.32	2 / 3			
reaction time	0.153	interval			0.97	0.92		1.79		1.78		1.83		# of strides	4.00	2.71	
		velocity		6.60	10.31	10.87		11.17		11.24		10.93	9.69		7.50	11.07	

Heat 1

date 14-Jul-05 wind -0.9 m/s

Graubner (2005) - wettkampfanalytische untersuchung der sprintliestungsfähigkeit

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wieser, Stefan (GER) (1984)		time		3.05	4.04	4.98		6.71		8.63		10.52	10.52	6 / 3			
reaction time	0.139	interval			0.99	0.94		1.73		1.92		1.89		# of strides	4.04	2.67	
		velocity		6.56	10.10	10.64		11.56		10.42		10.58	9.51		7.43	11.24	

2005 USATF National Championship (Carson, CA)

FINAL date 25-Jun-05 wind -2.3 m/s

USATF Women's Sprint Development (2005)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gatlin, Justin (USA) (1982)		time	1.97	3.02	3.95	4.84	5.72	6.58	7.43	8.33	9.22	10.08	10.08	7 / 1			
reaction time		interval		1.05	0.93	0.89	0.88	0.86	0.85	0.90	0.89	0.86		# of strides	3.95	2.63	2.64
		velocity	5.08	9.52	10.75	11.24	11.36	11.63	11.76	11.11	11.24	11.63	9.92	43.0	7.59	11.41	11.36
Crawford, Shawn (USA) (1978)		time	1.97	3.02	3.99	4.88	5.77	6.66	7.51	8.41	9.29	10.17	10.17	5 / 2			
reaction time		interval		1.05	0.97	0.89	0.89	0.89	0.85	0.90	0.88	0.88		# of strides	3.99	2.67	2.63
		velocity	5.08	9.52	10.31	11.24	11.24	11.24	11.76	11.11	11.36	11.36	9.83	47.5	7.52	11.24	11.41
Scott, Leonard (USA) (1980)		time	1.90	2.92	3.82	4.74	5.62	6.49	7.37	8.31	9.23	10.18	10.18	4 / 3			
reaction time		interval		1.02	0.90	0.92	0.88	0.87	0.88	0.94	0.92	0.95		# of strides	3.82	2.67	2.74
		velocity	5.26	9.80	11.11	10.87	11.36	11.49	11.36	10.64	10.87	10.53	9.82	47.0	7.85	11.24	10.95
Dix, Walter (USA) (1986)		time	1.96	3.04	3.99	4.91	5.81	6.69	7.57	8.49	9.38	10.29	10.29	2 / 4			

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

reaction time	interval		1.08	0.95	0.92	0.90	0.88	0.88	0.92	0.89	0.91		# of strides	3.99	2.70	2.69
	velocity	5.10	9.26	10.53	10.87	11.11	11.36	11.36	10.87	11.24	10.99	9.72	50.0	7.52	11.11	11.15
Jelks, Mark (USA) (1984)	time	1.91	2.98	3.94	4.87	5.79	6.69	7.56	8.49	9.40	10.32	10.32	3 / 5			
reaction time	interval		1.07	0.96	0.93	0.92	0.90	0.87	0.93	0.91	0.92		# of strides	3.94	2.75	2.71
	velocity	5.24	9.35	10.42	10.75	10.87	11.11	11.49	10.75	10.99	10.87	9.69	46.2	7.61	10.91	11.07
Edwards, Monzavous (Rae) (USA)	time	2.00	3.07	4.02	4.94	5.84	6.75	7.62	8.54	9.43	10.35	10.35	9 / 6			
reaction time	interval		1.07	0.95	0.92	0.90	0.91	0.87	0.92	0.89	0.92		# of strides	4.02	2.73	2.68
	velocity	5.00	9.35	10.53	10.87	11.11	10.99	11.49	10.87	11.24	10.87	9.66	45.0	7.46	10.99	11.19
Scales, Mardy (USA) (1981)	time	1.91	2.99	3.94	4.85	5.74	6.66	7.56	8.47	9.41	10.36	10.36	1 / 7			
reaction time	interval		1.08	0.95	0.91	0.89	0.92	0.90	0.91	0.94	0.95		# of strides	3.94	2.72	2.75
	velocity	5.24	9.26	10.53	10.99	11.24	10.87	11.11	10.99	10.64	10.53	9.65	49.5	7.61	11.03	10.91
Blanton, DaBryan (USA) (1984)	time	2.00	3.04	3.98	4.92	5.84	6.74	7.64	8.57	9.51	10.46	10.46	8 / 8			
reaction time	interval		1.04	0.94	0.94	0.92	0.90	0.90	0.93	0.94	0.95		# of strides	3.98	2.76	2.77
	velocity	5.00	9.62	10.64	10.64	10.87	11.11	11.11	10.75	10.64	10.53	9.56	45.7	7.54	10.87	10.83
Greene, Maurice (USA) (1974)	time	1.95	3.00	3.90	4.82	5.68	6.57	7.54				dnf	6 / --			
reaction time	interval		1.05	0.90	0.92	0.86	0.89	0.97					# of strides	3.90	2.67	
	velocity	5.13	9.52	11.11	10.87	11.63	11.24	10.31						7.69	11.24	

2005 USATF National Junior Championships (Carson, CA)

FINAL date 23-Jun-05 wind -0.4 m/s *USATF Women's Sprint Development (2005)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Samuels, J-Mee (USA) (1987)	time	1.97	3.02	3.99	4.94	5.85	6.77	7.70	8.64	9.61	10.58	10.58	4 / 1			
reaction time	interval		1.05	0.97	0.95	0.91	0.92	0.93	0.94	0.97	0.97		# of strides	3.99	2.78	2.84
	velocity	5.08	9.52	10.31	10.53	10.99	10.87	10.75	10.64	10.31	10.31	9.45		7.52	10.79	10.56
Osaisai, Wopamo (USA) (1986)	time		3.04	4.06	4.96	5.93	6.84	7.74	8.69	9.64	10.58	10.58	8 / 2			
reaction time	interval			1.02	0.90	0.97	0.91	0.90	0.95	0.95	0.94		# of strides	4.06	2.78	2.80
	velocity		6.58	9.80	11.11	10.31	10.99	11.11	10.53	10.53	10.64	9.45		7.39	10.79	10.71
Pritchett, Matthieu (USA) (1986)	time	1.95	3.04	4.06	5.02	5.94	6.85	7.78	8.73	9.66	10.63	10.63	5 / 3			
reaction time	interval		1.09	1.02	0.96	0.92	0.91	0.93	0.95	0.93	0.97		# of strides	4.06	2.79	2.81
	velocity	5.13	9.17	9.80	10.42	10.87	10.99	10.75	10.53	10.75	10.31	9.41		7.39	10.75	10.68
Rashad, Ahmad (USA) (1987)	time	1.98	3.12	4.09	5.05	5.97	6.90	7.80	8.74	9.69	10.67	10.67	6 / 4			
reaction time	interval		1.14	0.97	0.96	0.92	0.93	0.90	0.94	0.95	0.98		# of strides	4.09	2.81	2.79
	velocity	5.05	8.77	10.31	10.42	10.87	10.75	11.11	10.64	10.53	10.20	9.37		7.33	10.68	10.75
Wims, Jerod (USA) (1988)	time	1.92	3.07	4.06	5.05	5.98	6.89	7.81	8.79	9.74	10.71	10.71	3 / 5			
reaction time	interval		1.15	0.99	0.99	0.93	0.91	0.92	0.98	0.95	0.97		# of strides	4.06	2.83	2.85
	velocity	5.21	8.70	10.10	10.10	10.75	10.99	10.87	10.20	10.53	10.31	9.34		7.39	10.60	10.53
Smith, Tremaine (USA) (1986)	time	2.04	3.12	4.14	5.07	6.02	6.96	7.89	8.84	9.78	10.78	10.78	1 / 6			
reaction time	interval		1.08	1.02	0.93	0.95	0.94	0.93	0.95	0.94	1.00		# of strides	4.14	2.82	2.82
	velocity	4.90	9.26	9.80	10.75	10.53	10.64	10.75	10.53	10.64	10.00	9.28		7.25	10.64	10.64
Harris, Cedric (USA) (1986)	time	2.00	3.10	4.06	5.03	5.96	6.89	7.81	8.81	9.83	10.83	10.83	2 / 7			
reaction time	interval		1.10	0.96	0.97	0.93	0.93	0.92	1.00	1.02	1.00		# of strides	4.06	2.83	2.94
	velocity	5.00	9.09	10.42	10.31	10.75	10.75	10.87	10.00	9.80	10.00	9.23		7.39	10.60	10.20
Island, Cameron (USA) (1986)	time		3.14	4.12	5.12	6.07	7.05	7.98	8.96	9.98	10.97	10.97	9 / 8			
reaction time	interval			0.98	1.00	0.95	0.98	0.93	0.98	1.02	0.99		# of strides	4.12	2.93	2.93
	velocity		6.37	10.20	10.00	10.53	10.20	10.75	10.20	9.80	10.10	9.12		7.28	10.24	10.24
McDaniel, Otis (USA) (1986)	time	2.05	3.16	4.19	5.17	6.16	7.11	8.03	9.00	10.03	11.11	11.11	7 / 9			
reaction time	interval		1.11	1.03	0.98	0.99	0.95	0.92	0.97	1.03	1.08		# of strides	4.19	2.92	2.92
	velocity	4.88	9.01	9.71	10.20	10.10	10.53	10.87	10.31	9.71	9.26	9.00		7.16	10.27	10.27

2005 Tsiklitiria Super Grand Prix (Athens, GRE)

FINAL date 14-Jun-05 wind 1.6 m/s *Saunders (2011) - www.athleticscoaching.ca/member.aspx?p=viewblog&id=15*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Powell, Asafa (JAM) (1982)	time	1.89	2.91	3.83	4.69	5.54	6.39	7.23	8.07	8.92	9.77	9.77	5 / 1			
reaction time 0.150	interval		1.02	0.92	0.86	0.85	0.85	0.84	0.84	0.85	0.85	WR	# of strides	3.83	2.56	2.53
	velocity	5.29	9.80	10.87	11.63	11.76	11.76	11.90	11.90	11.76	11.76	10.24	45.4	7.83	11.72	11.86

2005 Jamaica Invitational (Kingston, JAM)

FINAL date 07-May-05 wind 1.8 m/s *ferrari (2009) - Split 100 metri uomini e donne (www.noivelocisti.net/forum?func=view&catid=9&id=1813)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Powell, Asafa (JAM) (1982)	time			3.84			6.41		8.10		9.84	9.84	/ 1			
reaction time 0.174	interval						2.57		1.69		1.74	AR	# of strides	3.84	2.57	
	velocity			7.81			11.67		11.83		11.49	10.16	44.7	7.81	11.67	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

2004 Olympic Games (Athens, GRE)

FINAL date 22-Aug-04 wind 0.6 m\s

Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gatlin, Justin (USA) (1982)		time	1.87	2.90			5.56	6.41	7.27		8.98	9.85	9.85	3 / 1			
reaction time	0.188	interval		1.03			2.66	0.85	0.86		1.71	0.87	PB	# of strides			2.57
		velocity	5.35	9.71			11.28	11.76	11.63		11.70	11.49	10.15	42.0			11.67
Obikwelu, Francis (POR) (1978)		time	1.90	2.93			5.60	6.44	7.29		9.00	9.86	9.86	5 / 2			
reaction time	0.163	interval		1.03			2.67	0.84	0.85		1.71	0.86	AR	# of strides			2.56
		velocity	5.26	9.71			11.24	11.90	11.76		11.70	11.63	10.14	43.6			11.72
Greene, Maurice (USA) (1974)		time	1.88	2.92			5.60	6.44	7.29		9.01	9.87	9.87	7 / 3			
reaction time	0.151	interval		1.04			2.68	0.84	0.85		1.72	0.86		# of strides			2.57
		velocity	5.32	9.62			11.19	11.90	11.76		11.63	11.63	10.13	46.5			11.67
Crawford, Shawn (USA) (1978)		time	1.89	2.93			5.61	6.45	7.29		9.01	9.89	9.89	4 / 4			
reaction time	0.161	interval		1.04			2.68	0.84	0.84		1.72	0.88		# of strides			2.56
		velocity	5.29	9.62			11.19	11.90	11.90		11.63	11.36	10.11	47.0			11.72
Powell, Asafa (JAM) (1982)		time	1.88	2.92			5.60	6.46	7.31		9.05	9.94	9.94	6 / 5			
reaction time	0.166	interval		1.04			2.68	0.86	0.85		1.74	0.89		# of strides			2.59
		velocity	5.32	9.62			11.19	11.63	11.76		11.49	11.24	10.06	44.5			11.58
Collins, Kim (SKN) (1976)		time	1.85	2.89			5.58	6.44	7.32		9.09	10.00	10.00	1 / 6			
reaction time	0.175	interval		1.04			2.69	0.86	0.88		1.77	0.91		# of strides			2.65
		velocity	5.41	9.62			11.15	11.63	11.36		11.30	10.99	10.00	47.5			11.32
Thompson, Obadele (BA	0.164	no information available											10.10	8 / 7	# of strides		44.2
Zakari, Aziz (GHA) (1976)	0.178	no information available											dnf	2 / --			

2004 USA Olympic Trials (Sacramento, CA)

FINAL date 11-Jul-04 wind 0.0 m/s

USATF Women's Sprint Development (2004)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Greene, Maurice (USA) (1974)		time	1.94	2.92	3.87	4.74	5.61	6.47	7.31	8.17	9.02	9.91	9.91	3 / 1			
reaction time	0.126	interval		0.98	0.95	0.87	0.87	0.86	0.84	0.86	0.85	0.89		# of strides	3.87	2.60	2.55
		velocity	5.15	10.20	10.53	11.49	11.49	11.63	11.90	11.63	11.76	11.24	10.09	47.0	7.75	11.54	11.76
Gatlin, Justin (USA) (1982)		time	1.94	2.94	3.87	4.75	5.60	6.47	7.32	8.17	9.04	9.92	9.92	5 / 2			
reaction time	0.157	interval		1.00	0.93	0.88	0.85	0.87	0.85	0.85	0.87	0.88	PB	# of strides	3.87	2.60	2.57
		velocity	5.15	10.00	10.75	11.36	11.76	11.49	11.76	11.76	11.49	11.36	10.08	42.0	7.75	11.54	11.67
Crawford, Shawn (USA) (1978)		time	1.95	3.00	3.91	4.78	5.63	6.49	7.34	8.19	9.05	9.93	9.93	6 / 3			
reaction time	0.179	interval		1.05	0.91	0.87	0.85	0.86	0.85	0.85	0.86	0.88		# of strides	3.91	2.58	2.56
		velocity	5.13	9.52	10.99	11.49	11.76	11.63	11.76	11.76	11.63	11.36	10.07	47.0	7.67	11.63	11.72
Miller, Coby (USA) (1976)		time	1.96	2.97	3.90	4.78	5.62	6.50	7.35	8.20	9.08	9.99	9.99	7 / 4			
reaction time	0.152	interval		1.01	0.93	0.88	0.84	0.88	0.85	0.85	0.88	0.91		# of strides	3.90	2.60	2.58
		velocity	5.10	9.90	10.75	11.36	11.90	11.36	11.76	11.76	11.36	10.99	10.01	46.5	7.69	11.54	11.63
Capel, John (USA) (1978)		time	1.95	2.94	3.87	4.77	5.62	6.50	7.37	8.24	9.11	10.02	10.02	4 / 5			
reaction time	0.146	interval		0.99	0.93	0.90	0.85	0.88	0.87	0.87	0.87	0.91		# of strides	3.87	2.63	2.61
		velocity	5.13	10.10	10.75	11.11	11.76	11.36	11.49	11.49	11.49	10.99	9.98	46.7	7.75	11.41	11.49
Williams, Bernard (USA) (1978)		time	1.90	2.95	3.88	4.77	5.62	6.50	7.36	8.22	9.12	10.04	10.04	2 / 6			
reaction time	0.129	interval		1.05	0.93	0.89	0.85	0.88	0.86	0.86	0.90	0.92		# of strides	3.88	2.62	2.62
		velocity	5.26	9.52	10.75	11.24	11.76	11.36	11.63	11.63	11.11	10.87	9.96	47.0	7.73	11.45	11.45
Montgomery, Tim (USA) (1975)		time	1.98	3.00	3.97	4.84	5.71	6.61	7.45	8.32	9.21	10.13	10.13	1 / ~~7~~			
reaction time	0.188	interval		1.02	0.97	0.87	0.87	0.90	0.84	0.87	0.89	0.92	DV	# of strides	3.97	2.64	2.60
		velocity	5.05	9.80	10.31	11.49	11.49	11.11	11.90	11.49	11.24	10.87	9.87	48.0	7.56	11.36	11.54
Scott, Leonard (USA) (1980)		time	1.98	3.00	3.93	4.83	5.70	6.62	7.49	8.40	9.34	10.35	10.35	8 / ~~8~~ 7			
reaction time	0.177	interval		1.02	0.93	0.90	0.87	0.92	0.87	0.91	0.94	1.01		# of strides	3.93	2.69	2.72
		velocity	5.05	9.80	10.75	11.11	11.49	10.87	11.49	10.99	10.64	9.90	9.66	47.0	7.63	11.15	11.03

2003 IAAF World Championships (Paris, FRA)

FINAL date 25-Aug-03 wind 0.0 m/s

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Collins, Kim (SKN) (1976)	0.148	no information available										10.07	1 / 1			
Brown, Darrel (TTO) (1984)	0.152	no information available										10.08	4 / 2			
Campbell, Darren (GBR) (1973	0.112	no information available										10.08	7 / 3			
Chambers, Dwain (GBR) (1978)	0.145	no information available									DV	10.08	5 / ~~4~~			
Montgomery, Tim (USA) (1975)	0.140	no information available									DV	10.11	6 / ~~5~~			
Williams, Bernard (USA) (1978)	0.133	no information available										10.13	3 / ~~6~~ 4			
Aliu, Deji (NGR) (1975)	0.132	no information available										10.21	2 / ~~7~~ 5			
Emedolu, Uchenna (NGR) (1976)	0.164	no information available										10.22	8 / ~~8~~ 6			

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

2003 USATF National Junior Championship (Palo Alto, CA)

FINAL date 22-Jun-03 wind 0.0 m/s *USATF Women's Sprint Development (2003)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Moore, Carlos (USA) (1984)	time	1.98	3.00	3.97	4.91	5.81	6.70	7.59	8.54	9.45	10.38	10.38	4 / 1			
reaction time	interval		1.02	0.97	0.94	0.90	0.89	0.89	0.95	0.91	0.93		# of strides	3.97	2.73	2.75
	velocity	5.05	9.80	10.31	10.64	11.11	11.24	11.24	10.53	10.99	10.75	9.63		7.56	10.99	10.91
O'Neal, Kenny (USA) (1986)	time	2.00	3.07	4.05	4.96	5.87	6.74	7.62	8.56	9.49	10.40	10.40	3 / 2			
reaction time	interval		1.07	0.98	0.91	0.91	0.87	0.88	0.94	0.93	0.91		# of strides	4.05	2.69	2.75
	velocity	5.00	9.35	10.20	10.99	10.99	11.49	11.36	10.64	10.75	10.99	9.62		7.41	11.15	10.91
Hordge, Willie (USA) (1984)	time	2.02	3.10	4.07	5.04	5.93	6.82	7.72	8.64	9.57	10.48	10.48	7 / 3			
reaction time	interval		1.08	0.97	0.97	0.89	0.89	0.90	0.92	0.93	0.91		# of strides	4.07	2.75	2.75
	velocity	4.95	9.26	10.31	10.31	11.24	11.24	11.11	10.87	10.75	10.99	9.54		7.37	10.91	10.91
Parker, Earvin (USA) (1984)	time	1.93	3.08	4.07	5.00	5.92	6.84	7.72	8.64	9.54	10.48	10.48	5 / 4			
reaction time	interval		1.15	0.99	0.93	0.92	0.92	0.88	0.92	0.90	0.94		# of strides	4.07	2.77	2.70
	velocity	5.18	8.70	10.10	10.75	10.87	10.87	11.36	10.87	11.11	10.64	9.54		7.37	10.83	11.11
Jones, Garry (USA) (1984)	time	2.00	3.07	4.05	4.97	5.91	6.81	7.72	8.67	9.63	10.60	10.60	6 / 5			
reaction time	interval		1.07	0.98	0.92	0.94	0.90	0.91	0.95	0.96	0.97		# of strides	4.05	2.76	2.82
	velocity	5.00	9.35	10.20	10.87	10.64	11.11	10.99	10.53	10.42	10.31	9.43		7.41	10.87	10.64
Watson, Jerald (USA) (1985)	time	2.00	3.12	4.10	5.04	5.97	6.91	7.81	8.77	9.74	10.72	10.72	1 / 6			
reaction time	interval		1.12	0.98	0.94	0.93	0.94	0.90	0.96	0.97	0.98		# of strides	4.10	2.81	2.83
	velocity	5.00	8.93	10.20	10.64	10.75	10.64	11.11	10.42	10.31	10.20	9.33		7.32	10.68	10.60
Mathis, Jerry (USA)	time	2.04	3.22	4.24	5.21	6.14	7.04	7.96	8.89	9.83	10.78	10.78	9 / 7			
reaction time	interval		1.18	1.02	0.97	0.93	0.90	0.92	0.93	0.94	0.95		# of strides	4.24	2.80	2.79
	velocity	4.90	8.47	9.80	10.31	10.75	11.11	10.87	10.75	10.64	10.53	9.28		7.08	10.71	10.75
Hill, Ronald (USA) (1984)	time	2.02	3.12	4.15	5.12	6.04	6.99	7.92	8.89	9.84	10.83	10.83	8 / 8			
reaction time	interval		1.10	1.03	0.97	0.92	0.95	0.93	0.97	0.95	0.99		# of strides	4.15	2.84	2.85
	velocity	4.95	9.09	9.71	10.31	10.87	10.53	10.75	10.31	10.53	10.10	9.23		7.23	10.56	10.53
Smith, Paul (USA) (1984	time	2.02	3.12	4.14	5.09	6.04	6.99	7.93	8.88	9.88	10.84	10.84	2 / 9			
reaction time	interval		1.10	1.02	0.95	0.95	0.95	0.94	0.95	1.00	0.96		# of strides	4.14	2.85	2.89
	velocity	4.95	9.09	9.80	10.53	10.53	10.53	10.64	10.53	10.00	10.42	9.23		7.25	10.53	10.38

2003 USATF National Championship (Palo Alto, CA)

FINAL date 20-Jun-03 wind 1.6 m/s *USATF Women's Sprint Development (2003)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Williams, Bernard (USA) (1978)	time	1.94	2.98	3.95	4.84	5.72	6.56	7.42	8.31	9.19	10.11	10.11	3 / 1			
reaction time	interval		1.04	0.97	0.89	0.88	0.84	0.86	0.89	0.88	0.92		# of strides	3.95	2.61	2.63
	velocity	5.15	9.62	10.31	11.24	11.36	11.90	11.63	11.24	11.36	10.87	9.89		7.59	11.49	11.41
Montgomery, Tim (USA) (1975)	time	1.97	3.07	4.02	4.92	5.81	6.67	7.52	8.41	9.28	10.15	10.15	6 / ~~2~~			
reaction time	interval		1.10	0.95	0.90	0.89	0.86	0.85	0.89	0.87	0.87	DV	# of strides	4.02	2.65	2.61
	velocity	5.08	9.09	10.53	11.11	11.24	11.63	11.76	11.24	11.49	11.49	9.85		7.46	11.32	11.49
Drummond, Jon (USA) (1968)	time	1.89	2.95	3.92	4.82	5.72	6.61	7.46	8.37	9.29	10.18	10.18	7 / ~~3~~ 2			
reaction time	interval		1.06	0.97	0.90	0.90	0.89	0.85	0.91	0.92	0.89		# of strides	3.92	2.69	2.68
	velocity	5.29	9.43	10.31	11.11	11.11	11.24	11.76	10.99	10.87	11.24	9.82		7.65	11.15	11.19
Miller, Coby (USA) (1976)		no information available										10.23	8 / ~~4~~ 3			
Johnson, Joshua J. (USA)	time	2.05	3.12	4.09	5.00	5.87	6.74	7.60	8.48	9.36	10.24	10.24	5 / ~~5~~ 4			
reaction time	interval		1.07	0.97	0.91	0.87	0.87	0.86	0.88	0.88	0.88		# of strides	4.09	2.65	2.62
	velocity	4.88	9.35	10.31	10.99	11.49	11.49	11.63	11.36	11.36	11.36	9.77		7.33	11.32	11.45
Edwards, Monzavous (Rae) (USA)	time	2.00	3.07	4.04	4.95	5.84	6.69	7.55	8.43	9.32	10.25	10.25	4 / ~~6~~ 5			
reaction time	interval		1.07	0.97	0.91	0.89	0.85	0.86	0.88	0.89	0.93		# of strides	4.04	2.65	2.63
	velocity	5.00	9.35	10.31	10.99	11.24	11.76	11.63	11.36	11.24	10.75	9.76		7.43	11.32	11.41
Scales, Mardy (USA) (1981)	time	1.92	3.07	4.00	4.89	5.82	6.69	7.60	8.50	9.42	10.32	10.32	1 / ~~7~~ 6			
reaction time	interval		1.15	0.93	0.89	0.93	0.87	0.91	0.90	0.92	0.90		# of strides	4.00	2.69	2.73
	velocity	5.21	8.70	10.75	11.24	10.75	11.49	10.99	11.11	10.87	11.11	9.69		7.50	11.15	10.99
Armstrong, Aaron (USA) (1977)	time	1.99	3.10	4.12	5.07	5.99	6.87	7.77			10.56	10.56	2 / ~~8~~ 7			
reaction time	interval		1.11	1.02	0.95	0.92	0.88	0.90			2.79		# of strides	4.12	2.75	
	velocity	5.03	9.01	9.80	10.53	10.87	11.36	11.11			10.75	9.47		7.28	10.91	

2002 IAAF Grand Prix Final (Paris, FRA)

Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)

FINAL date 14-Sep-02 wind 2.0 m/s *Lee (2008) - Usain Bolt 100m 10 meter Splits and Speed Endurance (SpeedEndurance.com)*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Montgomery, Tim (USA) (1975)		time	1.89	2.92	3.83	4.70	5.54	6.37	7.21	8.05	8.90	9.78	9.78	/ ~~1~~			*Lee (2008)*
reaction time	0.104	interval		1.03	0.91	0.87	0.84	0.83	0.84	0.84	0.85	0.88	~~WR~~ DV	# of strides	3.83	2.54	2.53
		velocity	5.29	9.71	10.99	11.49	11.90	12.05	11.90	11.90	11.76	11.36	10.22	49.0	7.83	11.81	11.86
Chambers, Dwain (GBR) (1978)		time	1.89	2.92	3.84	4.72	5.57	6.41	7.26	8.11	8.98	9.87	9.87	/ ~~2~~			*Brito (2007)*
reaction time	0.140	interval		1.03	0.92	0.88	0.85	0.84	0.85	0.85	0.87	0.89	DV	# of strides	3.84	2.57	2.57
		velocity	5.29	9.71	10.87	11.36	11.76	11.90	11.76	11.76	11.49	11.24	10.13		7.81	11.67	11.67
Drummond, Jon (USA) (1968)		time	1.89	2.91	3.84	4.73	5.60	6.44	7.30	8.17	9.07	9.97	9.97	/ ~~3~~ 1			*Brito (2007)*
reaction time	0.131	interval		1.02	0.93	0.89	0.87	0.84	0.86	0.87	0.90	0.90		# of strides	3.84	2.60	2.63
		velocity	5.29	9.80	10.75	11.24	11.49	11.90	11.63	11.49	11.11	11.11	10.03		7.81	11.54	11.41
Collins, Kim (SKN) (1976)		time	1.94	2.96			5.64	6.48	7.34	8.21	9.09	9.98	9.98	/ ~~4~~ 2			*Brito (2007)*
reaction time	0.158	interval		1.02			2.68	0.84	0.86	0.87	0.88	0.89	=NR	# of strides			2.61
		velocity	5.15	9.80			11.19	11.90	11.63	11.49	11.36	11.24	10.02				11.49
Obikwelu, Francis (POR) (1978)	0.200	no information available											10.03	8 / ~~5~~ 4			
Williams, Bernard (USA) (1978)	0.180	no information available											10.05	7 / ~~6~~ 5			
Zakari, Aziz (GHA) (1976)	0.163	no information available											10.20	2 / ~~7~~ 6			
Miller, Coby (USA) (1976)	0.197	no information available											10.21	1 / ~~8~~ 7			

2002 European Championships (Munich, GER)

FINAL

date 07-Aug-02 wind -0.3 m/s

Graubner (2009) - http://www.fgs.uni-halle.de

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Chambers, Dwain (GBR) (1978)		time		2.94	3.87	4.75		6.47		8.20		9.96	9.96	/ ~~1~~			
reaction time	0.129	interval			0.93	0.88		1.72		1.73		1.76	~~CR~~ DV	# of strides	3.87	2.60	
		velocity		6.80	10.75	11.36		11.63		11.56		11.36	10.04	45.3	7.75	11.54	
Obikwelu, Francis (POR) (1978)		time		2.96	3.90	4.80		6.54		8.29		10.06	10.06	/ ~~2~~ 1			
reaction time	0.158	interval			0.94	0.90		1.74		1.75		1.77	NR	# of strides	3.90	2.64	
		velocity		6.76	10.64	11.11		11.49		11.43		11.30	9.94	43.4	7.69	11.36	
Campbell, Darren (GBR) (1973)		time		2.99	3.94	4.84		6.60		8.36		10.15	10.15	/ ~~3~~ 2			
reaction time	0.150	interval			0.95	0.90		1.76		1.76		1.79		# of strides	3.94	2.66	
		velocity		6.69	10.53	11.11		11.36		11.36		11.17	9.85	44.2	7.61	11.28	
Németh, Roland (HUN) (1974)		time		2.98	3.95	4.87		6.66		8.45		10.27	10.27	/ ~~4~~ 3			
reaction time	0.140	interval			0.97	0.92		1.79		1.79		1.82		# of strides	3.95	2.71	
		velocity		6.71	10.31	10.87		11.17		11.17		10.99	9.74		7.59	11.07	
Pöyhönen, Markus (FIN) (1978)		time		2.94	3.91	4.83		6.62		8.43		10.31	10.31	/ ~~5~~ 4			
reaction time	0.163	interval			0.97	0.92		1.79		1.81		1.88		# of strides	3.91	2.71	
		velocity		6.80	10.31	10.87		11.17		11.05		10.64	9.70		7.67	11.07	
Nthépé, Aimé-Issa (FRA) (1973)		time		3.03	3.99	4.90		6.69		8.49		10.32	10.32	/ ~~6~~ 5			
reaction time	0.163	interval			0.96	0.91		1.79		1.80		1.83		# of strides	3.99	2.70	
		velocity		6.60	10.42	10.99		11.17		11.11		10.93	9.69		7.52	11.11	
Gavélas, Aristotélis (GRE) (1978)		time		2.97	3.92	4.82		6.62		8.45		10.36	10.36	/ ~~7~~ 6			
reaction time	0.158	interval			0.95	0.90		1.80		1.83		1.91		# of strides	3.92	2.70	
		velocity		6.73	10.53	11.11		11.11		10.93		10.47	9.65		7.65	11.11	
Theodorídis, Yeóryios (GRE) (1972)		no information available											DQ				

Semi-Final 2

date 07-Aug-02 wind 0.1 m/s

Graubner (2009) - http://www.fgs.uni-halle.de

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Obikwelu, Francis (POR) (1978)		time		2.97	3.91	4.81		6.56		8.31		10.12	10.12	/ 1			
reaction time	0.156	interval			0.94	0.90		1.75		1.75		1.81		# of strides	3.91	2.65	
		velocity		6.73	10.64	11.11		11.43		11.43		11.05	9.88		7.67	11.32	
Theodorídis, Yeóryios (GRE) (197		time		2.94	3.89	4.80		6.57		8.37		10.24	10.24	/ 2			
reaction time	0.117	interval			0.95	0.91		1.77		1.80		1.87		# of strides	3.89	2.68	
		velocity		6.80	10.53	10.99		11.30		11.11		10.70	9.77		7.71	11.19	
Campbell, Darren (GBR) (1973)		time		3.02	3.98	4.90		6.69		8.46		10.30	10.30	/ 3			
reaction time	0.166	interval			0.96	0.92		1.79		1.77		1.84		# of strides	3.98	2.71	
		velocity		6.62	10.42	10.87		11.17		11.30		10.87	9.71		7.54	11.07	
Németh, Roland (HUN) (1974)		time		2.96	3.93	4.86		6.66		8.46		10.32	10.32	/ 4			
reaction time	0.117	interval			0.97	0.93		1.80		1.80		1.86		# of strides	3.93	2.73	
		velocity		6.76	10.31	10.75		11.11		11.11		10.75	9.69		7.63	10.99	
Predanič, Rok (SLO) (1977)		time		2.93	3.90	4.82		6.63		8.45		10.33	10.33	/ 5			
reaction time	0.132	interval			0.97	0.92		1.81		1.82		1.88	=PB	# of strides	3.90	2.73	
		velocity		6.83	10.31	10.87		11.05		10.99		10.64	9.68		7.69	10.99	

Blume, Marc (GER) (1973)		time	2.97	3.94	4.87	6.68	8.50	10.38	10.38	/ 6			
reaction time	0.151	interval		0.97	0.93	1.81	1.82	1.88		# of strides	3.94	2.74	
		velocity	6.73	10.31	10.75	11.05	10.99	10.64	9.63		7.61	10.95	
Rurak, Konstantin (UKR) (1974)		time	2.93	3.89	4.80	6.62	8.46	10.38	10.38	/ 7			
reaction time	0.146	interval		0.96	0.91	1.82	1.84	1.92		# of strides	3.89	2.73	
		velocity	6.83	10.42	10.99	10.99	10.87	10.42	9.63		7.71	10.99	
Ertzgaard, John (NOR) (1977)		time	3.03	4.01	4.94	6.75	8.57	10.45	10.45	/ 8			
reaction time	0.138	interval		0.98	0.93	1.81	1.82	1.88		# of strides	4.01	2.74	
		velocity	6.60	10.20	10.75	11.05	10.99	10.64	9.57		7.48	10.95	

Semi-Final 1

date 07-Aug-02 wind 0.0 m/s *Graubner (2009) - http://www.fgs.uni-halle.de*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Chambers, Dwain (GBR) (1978)		time		2.99	3.94	4.84		6.59		8.33		10.12	10.12	/ ~~1~~			
reaction time	0.148	interval			0.95	0.90		1.75		1.74		1.79	DV	# of strides	3.94	2.65	
		velocity		6.69	10.53	11.11		11.43		11.49		11.17	9.88		7.61	11.32	
Nthépé, Aimé-Issa (FRA) (1973)		time		3.02	3.98	4.90		6.69		8.47		10.31	10.31	/ ~~2~~ 1			
reaction time	0.169	interval			0.96	0.92		1.79		1.78		1.84		# of strides	3.98	2.71	
		velocity		6.62	10.42	10.87		11.17		11.24		10.87	9.70		7.54	11.07	
Gavélas, Aristotélis (GRE) (1978)		time		2.96	3.91	4.81		6.61		8.43		10.34	10.34	/ ~~3~~ 2			
reaction time	0.161	interval			0.95	0.90		1.80		1.82		1.91		# of strides	3.91	2.70	
		velocity		6.76	10.53	11.11		11.11		10.99		10.47	9.67		7.67	11.11	
Pöyhönen, Markus (FIN) (1978)		time		2.93	3.90	4.82		6.63		8.45		10.35	10.35	/ ~~4~~ 3			
reaction time	0.148	interval			0.97	0.92		1.81		1.82		1.90		# of strides	3.90	2.73	
		velocity		6.83	10.31	10.87		11.05		10.99		10.53	9.66		7.69	10.99	
Douglas, Troy (NED) (1962)		time		3.05	4.02	4.95		6.74		8.52		10.36	10.36	/ ~~5~~ 4			
reaction time	0.149	interval			0.97	0.93		1.79		1.78		1.84		# of strides	4.02	2.72	
		velocity		6.56	10.31	10.75		11.17		11.24		10.87	9.65		7.46	11.03	
Gardener, Jason (GBR) (1975)		time		2.97	3.94	4.87		6.68		8.50		10.36	10.36	/ ~~6~~ 5			
reaction time	0.154	interval			0.97	0.93		1.81		1.82		1.86		# of strides	3.94	2.74	
		velocity		6.73	10.31	10.75		11.05		10.99		10.75	9.65		7.61	10.95	
Dovgal, Anatoliy (UKR) (1976)		time		2.98	3.95	4.87		6.67		8.49		10.40	10.40	/ ~~7~~ 6			
reaction time	0.142	interval			0.97	0.92		1.80		1.82		1.91		# of strides	3.95	2.72	
		velocity		6.71	10.31	10.87		11.11		10.99		10.47	9.62		7.59	11.03	
Osovnikar, Matic (SLO) (1980)		time		2.99	3.97	4.91		6.73		8.58		10.49	10.46	/ ~~8~~ 7			
reaction time	0.166	interval			0.98	0.94		1.82		1.85		1.91		# of strides	3.97	2.76	
		velocity		6.69	10.20	10.64		10.99		10.81		10.47	9.56		7.56	10.87	

Quarter-Final 4

date 06-Aug-02 wind 0.1 m/s *Graubner (2009) - http://www.fgs.uni-halle.de*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Chambers, Dwain (GBR) (1978)		time		2.96	3.90	4.79		6.52		8.27		10.08	10.08	/ ~~1~~			
reaction time	0.143	interval			0.94	0.89		1.73		1.75		1.81	DV	# of strides	3.90	2.62	
		velocity		6.76	10.64	11.24		11.56		11.43		11.05	9.92		7.69	11.45	
Dovgal, Anatoliy (UKR) (1976)		time		2.95	3.90	4.81		6.60		8.41		10.30	10.30	/ ~~3~~ 2			
reaction time	0.123	interval			0.95	0.91		1.79		1.81		1.89		# of strides	3.90	2.70	
		velocity		6.78	10.53	10.99		11.17		11.05		10.58	9.71		7.69	11.11	

Quarter-Final 3

date 06-Aug-02 wind -0.6 m/s *Graubner (2009) - http://www.fgs.uni-halle.de*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Campbell, Darren (GBR) (1973)		time		3.00	3.96	4.87		6.66		8.45		10.29	10.29	/ 1			
reaction time	0.143	interval			0.96	0.91		1.79		1.79		1.84		# of strides	3.96	2.70	
		velocity		6.67	10.42	10.99		11.17		11.17		10.87	9.72		7.58	11.11	
Németh, Roland (HUN) (1974)		time		2.97	3.94	4.86		6.66		8.46		10.32	10.32	/ 2			
reaction time	0.120	interval			0.97	0.92		1.80		1.80		1.86		# of strides	3.94	2.72	
		velocity		6.73	10.31	10.87		11.11		11.11		10.75	9.69		7.61	11.03	
Obikwelu, Francis (POR) (1978)		time		3.06	4.02	4.93		6.72		8.52		10.33	10.33	/ 3			
reaction time	0.164	interval			0.96	0.91		1.79		1.80		1.81		# of strides	4.02	2.70	
		velocity		6.54	10.42	10.99		11.17		11.11		11.05	9.68		7.46	11.11	

Quarter-Final 2

date 06-Aug-02 wind 0.5 m/s *Graubner (2009) - http://www.fgs.uni-halle.de*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nthépé, Aimé-Issa (FRA) (1973)		time				4.90		6.68		8.46		10.31	10.31	/ 1			
reaction time	0.160	interval						1.78		1.78		1.85		# of strides			
		velocity				8.16		11.24		11.24		10.81	9.70				

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Pöyhönen, Markus (FIN) (1978)		time				4.79		6.60		8.42		10.32	10.32	/ 2			
reaction time 0.132		interval						1.81		1.82		1.90		# of strides			
		velocity				8.35		11.05		10.99		10.53	9.69				

Quarter-Final 1

date 06-Aug-02 wind -0.1 m/s

Graubner (2009) - http://www.fgs.uni-halle.de

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Theodorídis, Yeóryios (GRE) (197		time		2.96		3.92		4.83		6.61		8.40	10.25	10.25	/ 1			
reaction time 0.125		interval				0.96		0.91		1.78		1.79	1.85	# of strides	3.92	2.69	
		velocity		6.76		10.42		10.99		11.24		11.17	10.81	9.76	7.65	11.15	
Gardener, Jason (GBR) (1975)		time		2.93		3.89		4.81		6.60		8.41	10.22	10.28	/ 2			
reaction time 0.122		interval				0.96		0.92		1.79		1.81	1.81	# of strides	3.89	2.71	
		velocity		6.83		10.42		10.87		11.17		11.05	11.05	9.73	7.71	11.07	

Heat 5

date 06-Aug-02 wind 1.0 m/s

Graubner (2009) - http://www.fgs.uni-halle.de

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Németh, Roland (HUN) (1974)		time		2.97		3.93		4.85		6.63		8.41	10.25	10.25	/ 1			
reaction time 0.128		interval				0.96		0.92		1.78		1.78	1.84	# of strides	3.93	2.70	
		velocity		6.73		10.42		10.87		11.24		11.24	10.87	9.76	7.63	11.11	
Gardener, Jason (GBR) (1975)		time		2.95		3.91		4.82		6.62		8.42	10.29	10.29	/ 2			
reaction time 0.148		interval				0.96		0.91		1.80		1.80	1.87	# of strides	3.91	2.71	
		velocity		6.78		10.42		10.99		11.11		11.11	10.70	9.72	7.67	11.07	
Kochan, Marc (GER) (1978)		time		3.02		4.01		4.95		6.74		8.60	10.50	10.50	/ 6			
reaction time 0.138		interval				0.99		0.94		1.79		1.86	1.90	# of strides	4.01	2.73	
		velocity		6.62		10.10		10.64		11.17		10.75	10.53	9.52	7.48	10.99	

Heat 3

date 06-Aug-02 wind 0.4 m/s

Graubner (2009) - http://www.fgs.uni-halle.de

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Theodorídis, Yeóryios (GRE) (197		time		2.98		3.93		4.84		6.62		8.40	10.24	10.24	/ 1			
reaction time 0.134		interval				0.95		0.91		1.78		1.78	1.84	# of strides	3.93	2.69	
		velocity		6.71		10.53		10.99		11.24		11.24	10.87	9.77	7.63	11.15	
Campbell, Darren (GBR) (1973)		time		3.01		3.97		4.88		6.67		8.47	10.36	10.36	/ 2			
reaction time 0.134		interval				0.96		0.91		1.79		1.80	1.89	# of strides	3.97	2.70	
		velocity		6.64		10.42		10.99		11.17		11.11	10.58	9.65	7.56	11.11	
Kosenkow, Alexander (GER) (1977		time		2.98		3.95		4.88		6.71		8.55	10.44	10.44	/ 3			
reaction time 0.146		interval				0.97		0.93		1.83		1.84	1.89	# of strides	3.95	2.76	
		velocity		6.71		10.31		10.75		10.93		10.87	10.58	9.58	7.59	10.87	

Heat 2

date 06-Aug-02 wind 0.2 m/s

Graubner (2009) - http://www.fgs.uni-halle.de

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Obikwelu, Francis (POR) (1978)		time		3.02		3.98		4.90		6.68		8.47	10.38	10.38	/ 1			
reaction time 0.143		interval				0.96		0.92		1.78		1.79	1.91	# of strides	3.98	2.70	
		velocity		6.62		10.42		10.87		11.24		11.17	10.47	9.63	7.54	11.11	

Heat 1

date 06-Aug-02 wind 0.2 m/s

Graubner (2009) - http://www.fgs.uni-halle.de

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Chambers, Dwain (GBR) (1978)		time		3.02		3.97		4.88		6.62		8.39	10.23	10.23	/ ~~1~~			
reaction time 0.126		interval				0.95		0.91		1.74		1.77	1.84	DV	# of strides	3.97	2.65	
		velocity		6.62		10.53		10.99		11.49		11.30	10.87	9.78	7.56	11.32	
Blume, Marc (GER) (1973)		time		2.98		3.95		4.87		6.68		8.47	10.33	10.33	/ ~~2~~ 1			
reaction time 0.154		interval				0.97		0.92		1.81		1.79	1.86	# of strides	3.95	2.73	
		velocity		6.71		10.31		10.87		11.05		11.17	10.75	9.68	7.59	10.99	

2001 ISTAF (Berlin, GER)

FINAL

date 31-Aug-01 wind 0.6 m/s

Graubner (2009) - http://www.fgs.uni-halle.de

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Obikwelu, Francis (NGR) (1978)		time		2.92		3.86		4.75		6.48		8.21	9.98	9.98	/ 1			
reaction time 0.134		interval				0.94		0.89		1.73		1.73	1.77	# of strides	3.86	2.62	
		velocity		6.85		10.64		11.24		11.56		11.56	11.30	10.02	7.77	11.45	
Zakari, Abdul Aziz (GHA) (1976)		time		2.93		3.87		4.76		6.50		8.25	10.05	10.05	/ 2			
reaction time 0.151		interval				0.94		0.89		1.74		1.75	1.80	# of strides	3.87	2.63	
		velocity		6.83		10.64		11.24		11.49		11.43	11.11	9.95	7.75	11.41	
Emedolu, Uchenna (NGR) (1976)		time		3.00		3.94		4.83		6.58		8.32	10.11	10.11	/ 3			
reaction time 0.172		interval				0.94		0.89		1.75		1.74	1.79	PB	# of strides	3.94	2.64	
		velocity		6.67		10.64		11.24		11.43		11.49	11.17	9.89	7.61	11.36	
Douglas, Troy (NED) (1962)		time		3.00		3.96		4.88		6.64		8.39	10.19	10.19	/ 4			
reaction time 0.146		interval				0.96		0.92		1.76		1.75	1.80	=NR	# of strides	3.96	2.68	
		velocity		6.67		10.42		10.87		11.36		11.43	11.11	9.81	7.58	11.19	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Fredericks, Frank (NAM) (1967)		time	3.00	3.96	4.87	6.64	8.44	10.29	10.29	/ 5			
reaction time	0.154	interval		0.96	0.91	1.77	1.80	1.85		# of strides	3.96	2.68	
		velocity	6.67	10.42	10.99	11.30	11.11	10.81	9.72		7.58	11.19	
Asahara, Nobuharu (JPN) (1972)		time	2.96	3.91	4.82	6.59	8.39	10.30	10.30	/ 6			
reaction time	0.165	interval		0.95	0.91	1.77	1.80	1.91		# of strides	3.91	2.68	
		velocity	6.76	10.53	10.99	11.30	11.11	10.47	9.71		7.67	11.19	
Kosenkow, Alexander (GER) (1977		time	3.02	4.00	4.93	6.75	8.60	10.52	10.52	/ 7			
reaction time	0.166	interval		0.98	0.93	1.82	1.85	1.92		# of strides	4.00	2.75	
		velocity	6.62	10.20	10.75	10.99	10.81	10.42	9.51		7.50	10.91	
Ostwald, Ronny (GER) (1974)		time	3.01	3.98	4.91	6.74	8.61	10.55	10.55	/ 8			
reaction time	0.151	interval		0.97	0.93	1.83	1.87	1.94		# of strides	3.98	2.76	
		velocity	6.64	10.31	10.75	10.93	10.70	10.31	9.48		7.54	10.87	

2001 IAAF World Championships (Edmonton, CAN)

FINAL

date 05-Aug-01 wind -0.2 m/s

Veney - split times from PJ

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Greene, Maurice (USA) (1974)		time	1.83	2.83	3.75	4.64	5.50	6.35	7.19	8.05	8.91	9.82	9.82	4 / 1			
reaction time	0.132	interval		1.00	0.92	0.89	0.86	0.85	0.84	0.86	0.86	0.91		# of strides	3.75	2.60	2.56
		velocity	5.46	10.00	10.87	11.24	11.63	11.76	11.90	11.63	11.63	10.99	10.18	45.5	8.00	11.54	11.72
Montgomery, Tim (USA) (1975)		time	1.86	2.88	3.83	4.73	5.59	6.44	7.28	8.13	8.98	9.85	9.85	3 / ~~2~~			
reaction time	0.157	interval		1.02	0.95	0.90	0.86	0.85	0.84	0.85	0.85	0.87	DV	# of strides	3.83	2.61	2.54
		velocity	5.38	9.80	10.53	11.11	11.63	11.76	11.90	11.76	11.76	11.49	10.15	48.2	7.83	11.49	11.81
Williams, Bernard (USA) (1978)	0.146	no information available										PB	9.94	6 / ~~3~~ 2		# of strides	46.0
Boldon, Ato (TRI) (1973)	0.148	no information available											9.98	5 / ~~4~~ 3		# of strides	45.0
Chambers, Dwain (GBR) (1971)	0.160	no information available											9.99	8 / ~~5~~ 4		# of strides	45.2
Collins, Kim (SKN) (1976)	0.162	no information available											10.07	7 / ~~6~~ 5		# of strides	47.0
Malcolm, Christian (GBR) (1979)	0.142	no information available										PB	10.11	2 / ~~7~~ 6		# of strides	45.7
Zakari, Abdul Aziz (GHA) (1976)	0.148	no information available											10.24	1 / ~~8~~ 7		# of strides	46.0

2001 European Cup (Bremen, GER)

FINAL

date 23-Jun-01 wind 1.4 m/s

Graubner (2007) - http://www.fgs.uni-halle.de

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lewis-Francis, Mark (GBR) (1982)		time		2.99	3.94	4.85		6.60		8.34		10.13	10.13	/ 1			
reaction time		interval			0.95	0.91		1.75		1.74		1.79		# of strides	3.94	2.66	
		velocity		6.69	10.53	10.99		11.43		11.49		11.17	9.87		7.61	11.28	
Kedéris, Konstadínos (GRE) (1973		time		3.03	3.98	4.89		6.63		8.38		10.15	10.15	/ 2			
reaction time		interval			0.95	0.91		1.74		1.75		1.77	PB	# of strides	3.98	2.65	
		velocity		6.60	10.53	10.99		11.49		11.43		11.30	9.85		7.54	11.32	
Krantz, Frédéric (FRA) (1978)		time		3.00	3.96	4.88		6.66		8.44		10.27	10.27	/ 3			
reaction time		interval			0.96	0.92		1.78		1.78		1.83		# of strides	3.96	2.70	
		velocity		6.67	10.42	10.87		11.24		11.24		10.93	9.74		7.58	11.11	
Torrieri, Marco (ITA) (1978)		time		3.08	4.05	4.97		6.72		8.59		10.29	10.29	/ 4			
reaction time		interval			0.97	0.92		1.75		1.87		1.70		# of strides	4.05	2.67	
		velocity		6.49	10.31	10.87		11.43		10.70		11.76	9.72		7.41	11.24	
Göbel, Tim (GER) (1982)		time		3.01	3.97	4.89		6.67		8.49		10.35	10.35	/ 5			
reaction time		interval			0.96	0.92		1.78		1.82		1.86		# of strides	3.97	2.70	
		velocity		6.64	10.42	10.87		11.24		10.99		10.75	9.66		7.56	11.11	
Krzywański, Marcin (POL) (1975)		time		3.06	4.02	4.94		6.73		8.58		10.42	10.42	/ 6			
reaction time		interval			0.96	0.92		1.79		1.85		1.84		# of strides	4.02	2.71	
		velocity		6.54	10.42	10.87		11.17		10.81		10.87	9.60		7.46	11.07	
Bychkov, Sergey (RUS) (1975)		time		3.05	4.03	4.96		6.77		8.60		10.46	10.46	/ 7			
reaction time		interval			0.98	0.93		1.81		1.83		1.86		# of strides	4.03	2.74	
		velocity		6.56	10.20	10.75		11.05		10.93		10.75	9.56		7.44	10.95	
Nolet, Pedro Pablo (ESP) (1970)		time		3.09	4.07	5.00		6.80		8.62		10.48	10.48	/ 8			
reaction time		interval			0.98	0.93		1.80		1.82		1.86		# of strides	4.07	2.73	
		velocity		6.47	10.20	10.75		11.11		10.99		10.75	9.54		7.37	10.99	

B FINAL 1

date 23-Jun-01 wind 0.6 m/s

Graubner (2007) - http://www.fgs.uni-halle.de

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Balcerzak, Piotr (POL) (1975)		time		3.02	4.01	4.95		6.80		8.63		10.51	10.51	/ 1			
reaction time	0.149	interval			0.99	0.94		1.85		1.83		1.88		# of strides	4.01	2.79	
		velocity		6.62	10.10	10.64		10.81		10.93		10.64	9.51		7.48	10.75	

Money, Daniel (GBR) (1976)		time	2.99	3.97	4.91	6.76	8.60	10.51	10.51	/ 2		
reaction time	0.114	interval		0.98	0.94	1.85	1.84	1.91		# of strides	3.97	2.79
		velocity	6.69	10.20	10.64	10.81	10.87	10.47	9.51		7.56	10.75
Papadiás, Harálabos (GRE) (1975)		time	3.10	4.05	4.95	6.82	8.62	10.52	10.52	/ 3		
reaction time	0.217	interval		0.95	0.90	1.87	1.80	1.90		# of strides	4.05	2.77
		velocity	6.45	10.53	11.11	10.70	11.11	10.53	9.51		7.41	10.83
Kosenkow, Alexander (GER) (1977		time	2.99	3.97	4.91	6.75	8.61	10.57	10.57	/ 4		
reaction time	0.139	interval		0.98	0.94	1.84	1.86	1.96		# of strides	3.97	2.78
		velocity	6.69	10.20	10.64	10.87	10.75	10.20	9.46		7.56	10.79
Maestra, Cecilio (ESP) (1980)		time	3.05	4.03	4.97	6.87	8.69	10.62	10.62	/ 5		
reaction time	0.145	interval		0.98	0.94	1.90	1.82	1.93		# of strides	4.03	2.84
		velocity	6.56	10.20	10.64	10.53	10.99	10.36	9.42		7.44	10.56
Smirnov, Aleksandr (RUS) (1974)		time	3.08	4.05	4.97	6.82	8.67	10.62	10.62	/ 6		
reaction time	0.206	interval		0.97	0.92	1.85	1.85	1.95		# of strides	4.05	2.77
		velocity	6.49	10.31	10.87	10.81	10.81	10.26	9.42		7.41	10.83
Ménal, Alex (FRA) (1972)		time	3.05	4.05	5.00	6.88	8.76	10.71	10.71	/ 7		
reaction time	0.128	interval		1.00	0.95	1.88	1.88	1.95		# of strides	4.05	2.83
		velocity	6.56	10.00	10.53	10.64	10.64	10.26	9.34		7.41	10.60

B FINAL 2

date 23-Jun-01 wind 1.3 m/s

Graubner (2007) - http://www.fgs.uni-halle.de

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Pilarczyk, Ryszard (POL) (1975)		time		2.99	3.96	4.89		6.72		8.54		10.41	10.41	/ 1			
reaction time	0.146	interval			0.97	0.93		1.83		1.82		1.87		# of strides	3.96	2.76	
		velocity		6.69	10.31	10.75		10.93		10.99		10.70	9.61		7.58	10.87	
Éyana, Jérôme (FRA) (1977)		time		3.09	4.06	4.99		6.80		8.61		10.48	10.48	/ 2			
reaction time	0.169	interval			0.97	0.93		1.81		1.81		1.87		# of strides	4.06	2.74	
		velocity		6.47	10.31	10.75		11.05		11.05		10.70	9.54		7.39	10.95	
Berlanga, Carlos (ESP) (1972)		time		3.02	4.01	4.95		6.79		8.65		10.55	10.55	/ 3			
reaction time	0.142	interval			0.99	0.94		1.84		1.86		1.90		# of strides	4.01	2.78	
		velocity		6.62	10.10	10.64		10.87		10.75		10.53	9.48		7.48	10.79	
Kononyuk, Sergey (RUS) (1970)		time		3.02	4.00	4.93		6.77		8.62		10.56	10.56	/ 4			
reaction time	0.162	interval			0.98	0.93		1.84		1.85		1.94		# of strides	4.00	2.77	
		velocity		6.62	10.20	10.75		10.87		10.81		10.31	9.47		7.50	10.83	
Santos, Diego Moisés (ESP) (1977)		time		3.06	4.06	5.00		6.85		8.67		10.57	10.57	/ 5			
reaction time	0.199	interval			1.00	0.94		1.85		1.82		1.90		# of strides	4.06	2.79	
		velocity		6.54	10.00	10.64		10.81		10.99		10.53	9.46		7.39	10.75	
Schacht, Christian (GER) (1976)		time		3.04	4.04	4.99		6.85		8.71		10.62	10.62	/ 6			
reaction time	0.164	interval			1.00	0.95		1.86		1.86		1.91		# of strides	4.04	2.81	
		velocity		6.58	10.00	10.53		10.75		10.75		10.47	9.42		7.43	10.68	
Dimótsios, Stilianós (GRE) (1974)		time		3.15	4.15	5.10		6.96		8.80		10.69	10.69	/ 7			
reaction time	0.169	interval			1.00	0.95		1.86		1.84		1.89		# of strides	4.15	2.81	
		velocity		6.35	10.00	10.53		10.75		10.87		10.58	9.35		7.23	10.68	
Kirdyashev, Valeriy (RUS) (1976)		time		3.05	4.06	5.01		6.91		8.81		10.80	10.80	/ 8			
reaction time	0.121	interval			1.01	0.95		1.90		1.90		1.99		# of strides	4.06	2.85	
		velocity		6.56	9.90	10.53		10.53		10.53		10.05	9.26		7.39	10.53	

2000 Olympic Games (Sydney, AUS)

FINAL

date 23-Sep-00 wind -0.3 m/s

Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Greene, Maurice (USA) (1974)		time	1.94	2.96	3.88	4.78	5.63	6.45	7.28	8.12	8.97	9.87	9.87	5 / 1			
reaction time	0.197	interval		1.02	0.92	0.90	0.85	0.82	0.83	0.84	0.85	0.90		# of strides	3.88	2.57	2.52
		velocity	5.15	9.80	10.87	11.11	11.76	12.20	12.05	11.90	11.76	11.11	10.13	45.7	7.73	11.67	11.90

Boldon, Ato (TRI) (1973)	0.136	no information available	9.99	8 / 2	# of strides 45.0
Thompson, Obadele (BAR) (1976)	0.216	no information available	10.04	4 / 3	# of strides 44.0
Chambers, Dwain (GBR) (1971)	0.174	no information available	10.08	3 / 4	# of strides 45.0
Drummond, Jon (USA) (1968)	0.147	no information available	10.09	6 / 5	# of strides 45.7
Campbell, Darren (GBR) (1973)	0.193	no information available	10.13	1 / 6	# of strides 43.5
Collins, Kim (SKN) (1976)	0.210	no information available	10.17	7 / 7	# of strides 47.5
Zakari, Aziz (GHA) (1976)	0.180	no information available	dnf	2 / --	

2000 ISTAF (Berlin, GER)

FINAL

date 01-Sep-00 wind -0.2 m/s

Graubner (2009) - http://www.fgs.uni-halle.de

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Greene, Maurice (USA) (1974)		time	2.87	3.80	4.68	5.54	6.39	8.11	9.86	9.86	/ 1				
reaction time	0.142	interval		0.93	0.88	0.86	0.85	1.72	1.75		# of strides	3.80	2.59		
		velocity	6.97	10.75	11.36	11.63	11.76	11.63	11.43	10.14	45.9	7.89	11.58		
Drummond, Jon (USA) (1968)		time	2.84	3.77	4.65	5.53	6.38	8.13	9.96	9.96	/ 2				
reaction time	0.120	interval		0.93	0.88	0.88	0.85	1.75	1.83		# of strides	3.77	2.61		
		velocity	7.04	10.75	11.36	11.36	11.76	11.43	10.93	10.04	46.1	7.96	11.49		
Montgomery, Tim (USA) (1975)		time	2.93	3.87	4.77		6.52		10.01	10.01	/ 3				
reaction time	0.162	interval		0.94	0.90		1.75		3.49		# of strides	3.87	2.65		
		velocity	6.83	10.64	11.11		11.43		11.46	9.99		7.75	11.32		
Williams, Bernard (USA) (1978)		time	2.93	3.87	4.76		6.50		10.05	10.05	/ 4				
reaction time	0.151	interval		0.94	0.89		1.74		3.55		# of strides	3.87	2.63		
		velocity	6.83	10.64	11.24		11.49		11.27	9.95		7.75	11.41		
Lewis, Brian (USA) (1974)		time	2.91	3.86	4.76		6.51		10.13	10.13	/ 5				
reaction time	0.144	interval		0.95	0.90		1.75		3.62		# of strides	3.86	2.65		
		velocity	6.87	10.53	11.11		11.43		11.05	9.87		7.77	11.32		

1999 IAAF World Championships (Seville, ESP)

FINAL date 22-Aug-99 wind 0.2 m/s

Ferro (2001) - biomechanical analysis of the 7th world championships, seville 1999

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Greene, Maurice (USA) (1974)		time	1.73	2.76	3.68	4.56	5.42	6.26	7.11	7.96	8.81	9.67	9.80	5 / 1			
reaction time	0.132	interval		1.03	0.92	0.88	0.86	0.84	0.85	0.85	0.85	0.86	CR	# of strides	3.68	2.58	2.55
		velocity	5.78	9.71	10.87	11.36	11.63	11.90	11.76	11.76	11.76	11.63	10.20		8.15	11.63	11.76
Surin, Bruny (CAN) (1967)		time	1.75	2.75	3.66	4.55	5.40	6.25	7.11	7.97	8.83	9.71	9.84	6 / 2			
reaction time	0.127	interval		1.00	0.91	0.89	0.85	0.85	0.86	0.86	0.86	0.88	=NR	# of strides	3.66	2.59	2.58
		velocity	5.71	10.00	10.99	11.24	11.76	11.76	11.63	11.63	11.63	11.36	10.16	44.3	8.20	11.58	11.63
Chambers, Dwain (GBR) (1978)		time	1.73	2.75	3.67	4.57	5.43	6.28	7.15	8.04	8.93	9.83	9.97	4 / 3			
reaction time	0.140	interval		1.02	0.92	0.90	0.86	0.85	0.87	0.89	0.89	0.90	PB	# of strides	3.67	2.61	2.65
		velocity	5.78	9.80	10.87	11.11	11.63	11.76	11.49	11.24	11.24	11.11	10.03		8.17	11.49	11.32
Thompson, Obadele, (BAR) (1976)		time	1.77	2.79	3.71	4.61	5.50	6.36	7.22	8.10	8.97	9.86	10.00	1 / 4			
reaction time	0.145	interval		1.02	0.92	0.90	0.89	0.86	0.86	0.88	0.87	0.89		# of strides	3.71	2.65	2.61
		velocity	5.65	9.80	10.87	11.11	11.24	11.63	11.63	11.36	11.49	11.24	10.00		8.09	11.32	11.49
Harden, Tim (USA) (1974)		time	1.73	2.75	3.67	4.57	5.46	6.32	7.19	8.08	8.97	9.88	10.02	3 / 5			
reaction time	0.136	interval		1.02	0.92	0.90	0.89	0.86	0.87	0.89	0.89	0.91		# of strides	3.67	2.65	2.65
		velocity	5.78	9.80	10.87	11.11	11.24	11.63	11.49	11.24	11.24	10.99	9.98		8.17	11.32	11.32
Montgomery, Tim (USA) (1975)		time	1.76	2.80	3.73	4.62	5.51	6.37	7.24	8.12	9.01	9.90	10.04	8 / 6			
reaction time	0.136	interval		1.04	0.93	0.89	0.89	0.86	0.87	0.88	0.89	0.89		# of strides	3.73	2.64	2.64
		velocity	5.68	9.62	10.75	11.24	11.24	11.63	11.49	11.36	11.24	11.24	9.96		8.04	11.36	11.36
Gardener, Jason (GBR) (1975)		time	1.77	2.79	3.71	4.61	5.50	6.37	7.25	8.14	9.03	9.93	10.07	7 / 7			
reaction time	0.142	interval		1.02	0.92	0.90	0.89	0.87	0.88	0.89	0.89	0.90		# of strides	3.71	2.66	2.66
		velocity	5.65	9.80	10.87	11.11	11.24	11.49	11.36	11.24	11.24	11.11	9.93		8.09	11.28	11.28
Streete-Thompson, Kareem (CAY)		time	1.80	2.82	3.76	4.66	5.56	6.44	7.32	8.21	9.14	10.07	10.24	2 / 8			
reaction time	0.173	interval		1.02	0.94	0.90	0.90	0.88	0.88	0.89	0.93	0.93		# of strides	3.76	2.68	2.70
		velocity	5.56	9.80	10.64	11.11	11.11	11.36	11.36	11.24	10.75	10.75	9.77		7.98	11.19	11.11

1999 Tsiklitiria Grand Prix II (Athens, GRE)

Race 3 date 16-Jun-99 wind 0.1 m/s

Lee (2008) - Usain Bolt 100m 10 meter Splits and Speed Endurance (SpeedEndurance.com)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Greene, Maurice (USA) (1974)		time	1.86	2.89	3.81	4.69	5.57	6.40	7.23	8.09	8.94	9.79	9.79	4 / 1			
reaction time	0.162	interval		1.03	0.92	0.88	0.88	0.83	0.83	0.86	0.85	0.85	WR	# of strides	3.81	2.59	2.54
		velocity	5.38	9.71	10.87	11.36	11.36	12.05	12.05	11.63	11.76	11.76	10.21	45.6	7.87	11.58	11.81

1999 Live (Nurnberg, GER)

FINAL date 13-Jun-99 wind 1.1 m/s

Graubner (2007) - http://www.fgs.uni-halle.de

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Surin, Bruny (CAN) (1967)		time		2.90	3.83	4.71		6.43		8.15		9.92	9.92	/ 1			
reaction time	0.123	interval			0.93	0.88		1.72		1.72		1.77		# of strides	3.83	2.60	
		velocity		6.90	10.75	11.36		11.63		11.63		11.30	10.08		7.83	11.54	

1997 IAAF World Championships (Athens, GRE)

FINAL date 03-Aug-97 wind 0,2 m/s

Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Greene, Maurice (USA) (1974)		time	1.71	2.75	3.67	4.55	5.42	6.27	7.12	7.98	8.85	9.73	9.86	3 / 1			
reaction time	0.134	interval		1.04	0.92	0.88	0.87	0.85	0.85	0.86	0.87	0.88	=CR / PB	# of strides	3.67	2.60	2.58
		velocity	5.85	9.62	10.87	11.36	11.49	11.76	11.76	11.63	11.49	11.36	10.14	45.9	8.17	11.54	11.63

Bailey, Donovan (CAN) (1967)		time	1.77	2.80	3.71	4.58	5.43	6.28	7.13	7.99	8.86	9.76	9.91	4 / 2			
reaction time	0.145	interval		1.03	0.91	0.87	0.85	0.85	0.85	0.86	0.87	0.90		# of strides	3.71	2.57	2.58
		velocity	5.65	9.71	10.99	11.49	11.76	11.76	11.76	11.63	11.49	11.11	10.09	44.5	8.09	11.67	11.63
Montgomery, Tim (USA) (1975)		time	1.73	2.76	3.69	4.57	5.43	6.29	7.15	8.02	8.90	9.80	9.94	7 / 3			
reaction time	0.134	interval		1.03	0.93	0.88	0.86	0.86	0.86	0.87	0.88	0.90		# of strides	3.69	2.60	2.61
		velocity	5.78	9.71	10.75	11.36	11.63	11.63	11.63	11.49	11.36	11.11	10.06	47.9	8.13	11.54	11.49
Fredericks, Frank (NAM) (1967)		time	1.73	2.77	3.70	4.59	5.46	6.32	7.18	8.05	8.93	9.82	9.95	2 / 4			
reaction time	0.129	interval		1.04	0.93	0.89	0.87	0.86	0.86	0.87	0.88	0.89		# of strides	3.70	2.62	2.61
		velocity	5.78	9.62	10.75	11.24	11.49	11.63	11.63	11.49	11.36	11.24	10.05	46.5	8.11	11.45	11.49
Boldon, Ato (TTO) (1973)		time	1.72	2.77	3.70	4.59	5.46	6.33	7.20	8.08	8.98	9.90	10.02	6 / 5			
reaction time	0.123	interval		1.05	0.93	0.89	0.87	0.87	0.87	0.88	0.90	0.92		# of strides	3.70	2.63	2.65
		velocity	5.81	9.52	10.75	11.24	11.49	11.49	11.49	11.36	11.11	10.87	9.98	44.0	8.11	11.41	11.32
Ezinwa, Davidson (NGR) (1971)		time	1.77	2.82	3.76	4.65	5.52	6.39	7.26	8.14	9.03	9.96	10.10	5 / 6			
reaction time	0.135	interval		1.05	0.94	0.89	0.87	0.87	0.87	0.88	0.89	0.93		# of strides	3.76	2.63	2.64
		velocity	5.65	9.52	10.64	11.24	11.49	11.49	11.49	11.36	11.24	10.75	9.90	46.3	7.98	11.41	11.36
Surin, Bruny (CAN) (1967)		0.147	no information available										10.12	1 / 7	# of strides	45.3	
Gardener, Jason (GBR) (1975)		0.146	no information available										10.29	8 / 8	# of strides	43.9	

1997 European Cup (Munich, GER)

FINAL date 21-Jun-97 wind 0.2 m/s *Jung (2003) - http://www.fgs.uni-halle.de*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Christie, Linford (GBR) (1960)	time	1.92		3.89			6.52				10.04	10.04	/ 1			
reaction time	interval			1.97			2.63				3.52		# of strides	3.89	2.63	
	velocity	5.21		10.15			11.41				11.36	9.96		7.71	11.41	
Moen, Geir (NOR) (1969)	time	1.94		3.96			6.61				10.18	10.18	/ 2			
reaction time	interval			2.02			2.65				3.57		# of strides	3.96	2.65	
	velocity	5.15		9.90			11.32				11.20	9.82		7.58	11.32	
Fedoriv, Andrey (RUS) (1963)	time	1.98		3.97			6.62				10.19	10.19	/ 3			
reaction time	interval			1.99			2.65				3.57	PB	# of strides	3.97	2.65	
	velocity	5.05		10.05			11.32				11.20	9.81		7.56	11.32	
Pavlakákis, Ággelos (GRE) (1976)	time	1.95		3.95			6.63				10.24	10.24	/ 4			
reaction time	interval			2.00			2.68				3.61		# of strides	3.95	2.68	
	velocity	5.13		10.00			11.19				11.08	9.77		7.59	11.19	
Blume, Marc (GER) (1973)	time	1.93		3.96			6.67				10.35	10.35	/ 5			
reaction time	interval			2.03			2.71				3.68		# of strides	3.96	2.71	
	velocity	5.18		9.85			11.07				10.87	9.66		7.58	11.07	
Feo, Frutos (ESP) (1972)	time	2.00		4.02			6.70				10.38	10.38	/ 6			
reaction time	interval			2.02			2.68				3.68		# of strides	4.02	2.68	
	velocity	5.00		9.90			11.19				10.87	9.63		7.46	11.19	
Puggioni, Giovanni (ITA) (1966)	time	2.01		4.03			6.75				10.40	10.40	/ 7			
reaction time	interval			2.02			2.72				3.65		# of strides	4.03	2.72	
	velocity	4.98		9.90			11.03				10.96	9.62		7.44	11.03	
Cali, Stéphane (FRA) (1972)	time	2.06		4.04			6.75				10.44	10.44	/ 8			
reaction time	interval			1.98			2.71				3.69		# of strides	4.04	2.71	
	velocity	4.85		10.10			11.07				10.84	9.58		7.43	11.07	

1997 Weltklasse (Stuttgart, GER)

FINAL date 13-Jul-97 wind 0.0 m/s *Arakelyan (1998) whether deliberate analysis?*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Greene, Maurice (USA) (1974)	time			3.81			6.48		8.28		10.04	10.04	/ 2			
reaction time	interval						2.67		1.80		1.76		# of strides	3.81	2.67	
	velocity			7.87			11.24		11.11		11.36	9.96		7.87	11.24	

1997 USATF Championships (Indianapolis, IN)

FINAL date 13-Jun-97 wind 0.2 m/s *Track Newsletter (1997) - USATF National Championships*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Greene, Maurice (USA) (1974)	time					5.56					9.90	9.90	/ 1			
reaction time	interval										4.34		# of strides			
	velocity					8.99					11.52	10.10				
Montgomery, Tim (USA) (1975)	time					5.56					9.92	9.92	/ 2			
reaction time	interval										4.36		# of strides			
	velocity					8.99					11.47	10.08				

1997 Live (Nurnberg, GER)

FINAL

date 13-Jun-97 wind 0.5 m/s — *Grosser (2007) - Schnelligkeitsairtraining*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bailey, Donovan (CAN) (1967)		time	1.92	2.94	3.85	4.72	5.58	6.43	7.31	8.18	9.06	9.94	9.94	/ 1			
reaction time		interval		1.02	0.91	0.87	0.86	0.85	0.88	0.87	0.88	0.88		# of strides	3.85	2.58	2.63
		velocity	5.21	9.80	10.99	11.49	11.63	11.76	11.36	11.49	11.36	11.36	10.06		7.79	11.63	11.41

1996 Olympic Games (Atlanta, GA)

FINAL

date 27-Jul-96 wind 0.7 m/s — *Grosser (2007) - Schnelligkeitsairtraining*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bailey, Donovan (CAN) (1967)		time	1.90	2.93	3.84	4.71	5.55	6.39	7.24	8.09	8.95	9.84	9.84	6 / 1			
reaction time	0.174	interval		1.03	0.91	0.87	0.84	0.84	0.85	0.85	0.86	0.89	WR	# of strides	3.84	2.55	2.56
		velocity	5.26	9.71	10.99	11.49	11.90	11.90	11.76	11.76	11.63	11.24	10.16	44.0	7.81	11.76	11.72
Fredericks, Frank (NAM) (1967)		time	1.84	2.87	3.80	4.69	5.55	6.41	7.27	8.13	9.00	9.89	9.89	5 / 2			
reaction time	0.143	interval		1.03	0.93	0.89	0.86	0.86	0.86	0.86	0.87	0.89		# of strides	3.80	2.61	2.59
		velocity	5.43	9.71	10.75	11.24	11.63	11.63	11.63	11.63	11.49	11.24	10.11	46.2	7.89	11.49	11.58
Boldon, Ato (TTO) (1973)		time	1.89	2.91	3.83	4.71	5.56	6.40	7.25	8.12	9.00	9.90	9.90	3 / 3			
reaction time	0.164	interval		1.02	0.92	0.88	0.85	0.84	0.85	0.87	0.88	0.90	PB	# of strides	3.83	2.57	2.60
		velocity	5.29	9.80	10.87	11.36	11.76	11.90	11.76	11.49	11.36	11.11	10.10	45.5	7.83	11.67	11.54
Mitchell, Dennis (USA) (1966)		time	1.84	2.87	3.81	4.70	5.57	6.44	7.31	8.18	9.06	9.99	9.99	4 / 4			
reaction time	0.145	interval		1.03	0.94	0.89	0.87	0.87	0.87	0.87	0.88	0.93		# of strides	3.81	2.63	2.62
		velocity	5.43	9.71	10.64	11.24	11.49	11.49	11.49	11.49	11.36	10.75	10.01	45.7	7.87	11.41	11.45
Marsh, Mike (USA) (1967)		0.147	no information available										10.00	1 / 5	# of strides	43.5	
Ezinwa, Davidson (NGR) (1971)		0.157	no information available										10.14	7 / 6	# of strides	45.7	
Green, Michael (JAM)		0.169	no information available										10.16	8 / 7	# of strides	47.2	
Christie, Linford (GBR) (1960)													DQ	2 / --			

Heat 5

date 26-Jul-96 wind -0.8 m/s — *Chen (2012) - comparison and development trend of men's 100m in china and foreign countries*

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Chen Wenzhong (CHN) (1970)		time	1.86	2.92	3.88	4.80	5.70	6.62	7.55	8.48	9.41	10.38	10.37	3 / 3			
reaction time		interval		1.06	0.96	0.92	0.90	0.92	0.93	0.93	0.93	0.97		# of strides	3.88	2.74	2.79
		velocity	5.38	9.43	10.42	10.87	11.11	10.87	10.75	10.75	10.75	10.31	9.64		7.73	10.95	10.75

1996 USA Olympic Trials (Atlanta, GA)

FINAL

date 15-Jun-96 wind 1.1 m/s — *USATF Women's Sprint Development (1996)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Mitchell, Dennis (USA) (1966)	time	1.83		3.80		5.53				8.93	9.92	9.92	5 / 1			
reaction time	interval			1.97		1.73				3.40	0.99		# of strides	3.80		
	velocity	5.46		10.15		11.56				11.76	10.10	10.08		7.89		
Marsh, Michael (USA) (1967)	time	2.00		3.96		5.68				9.07	10.00	10.00	4 / 2			
reaction time	interval			1.96		1.72				3.39	0.93		# of strides	3.96		
	velocity	5.00		10.20		11.63				11.80	10.75	10.00		7.58		
Drummond, Jon (USA) (1968)	time	1.87		3.85		5.58				9.06	10.01	10.01	6 / 3			
reaction time	interval			1.98		1.73				3.48	0.95		# of strides	3.85		
	velocity	5.35		10.10		11.56				11.49	10.53	9.99		7.79		
Williams, Jeff (USA) (1965)	time	1.87		3.99		5.71				9.16	10.06	10.06	7 / 4			
reaction time	interval			2.12		1.72				3.45	0.90		# of strides	3.99		
	velocity	5.35		9.43		11.63				11.59	11.11	9.94		7.52		
Harden, Tim (USA) (1974)	time	1.87		3.87		5.61				9.11	10.07	10.07	3 / 5			
reaction time	interval			2.00		1.74				3.50	0.96		# of strides	3.87		
	velocity	5.35		10.00		11.49				11.43	10.42	9.93		7.75		
Burrell, Leroy (USA) (1967)	time	1.93		3.91		5.64				9.14	10.07	10.07	2 / 6			
reaction time	interval			1.98		1.73				3.50	0.93		# of strides	3.91		
	velocity	5.18		10.10		11.56				11.43	10.75	9.93		7.67		
Montgomery, Tim (USA) (1975)	time	1.93		3.91		5.66				9.20	10.12	10.12	1 / 7			
reaction time	interval			1.98		1.75				3.54	0.92		# of strides	3.91		
	velocity	5.18		10.10		11.43				11.30	10.87	9.88		7.67		
Lewis, Carl (USA) (1961)	time	1.95		3.99		5.74				9.23	10.21	10.21	8 / 8			
reaction time	interval			2.04		1.75				3.49	0.98		# of strides	3.99		
	velocity	5.13		9.80		11.43				11.46	10.20	9.79		7.52		

1996 Leichtathletik Gala (Duisburg, GER)

FINAL

date 12-Jun-96 wind 4.0 m/s — *Graubner (2007) - http://www.fgs.uni-halle.de*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Bailey, Donovan (CAN) (1967)	time	1.90	3.84	6.41	8.12	9.88	9.88	/ 1			
reaction time	interval		1.94	2.57	1.71	1.76		# of strides	3.84	2.57	
	velocity	5.26	10.31	11.67	11.70	11.36	10.12		7.81	11.67	

1996 International French Indoor Championships (Bercy, FRA)

FINAL

date 10-Feb-96

Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m
Meité, Ibraham (CIV) (1976)	time	1.89	2.94	3.90	4.81	5.70	6.61	6.61	/ 1		
reaction time	interval		1.05	0.96	0.91	0.89	0.91		# of strides	3.90	2.71
	velocity	5.29	9.52	10.42	10.99	11.24	10.99	9.08		7.69	11.07
Cali, Stéphane (FRA) (1972)	time	1.91	2.96	3.92	4.88	5.72	6.64	6.64	/ 2		
reaction time	interval		1.05	0.96	0.96	0.84	0.92		# of strides	3.92	2.72
	velocity	5.24	9.52	10.42	10.42	11.90	10.87	9.04		7.65	11.03
Patros, David (FRA) (1977)	time	1.90	2.97	3.95	4.88	5.77	6.70	6.70	/ 3		
reaction time	interval		1.07	0.98	0.93	0.89	0.93		# of strides	3.95	2.75
	velocity	5.26	9.35	10.20	10.75	11.24	10.75	8.96		7.59	10.91
Groisard, Régis (FRA) (1973)	time	1.93	3.00	3.99	4.90	5.80	6.72	6.72	/ 4		
reaction time	interval		1.07	0.99	0.91	0.90	0.92		# of strides	3.99	2.73
	velocity	5.18	9.35	10.10	10.99	11.11	10.87	8.93		7.52	10.99
Douhou, Ahmed (FRA) (1976)	time	1.94	3.01	4.00	4.92	5.82	6.74	6.74	/ 5		
reaction time	interval		1.07	0.99	0.92	0.90	0.92		# of strides	4.00	2.74
	velocity	5.15	9.35	10.10	10.87	11.11	10.87	8.90		7.50	10.95
Perrot, Eric (FRA) (1969)	time	1.96	3.04	4.04	4.98	5.91	6.87	6.87	/ 6		
reaction time	interval		1.08	1.00	0.94	0.93	0.96		# of strides	4.04	2.83
	velocity	5.10	9.26	10.00	10.64	10.75	10.42	8.73		7.43	10.60

Heat 2

date 10-Feb-96

Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m
Meité, Ibraham (CIV) (1976)	time	1.87	2.94	3.88	4.80	5.70	6.62	6.62	/ 1		
reaction time	interval		1.07	0.94	0.92	0.90	0.92		# of strides	3.88	2.74
	velocity	5.35	9.35	10.64	10.87	11.11	10.87	9.06		7.73	10.95
Patros, David (FRA) (1977)	time	1.84	2.93	3.89	4.82	5.74	6.67	6.67	/ 2		
reaction time	interval		1.09	0.96	0.93	0.92	0.93		# of strides	3.89	2.78
	velocity	5.43	9.17	10.42	10.75	10.87	10.75	9.00		7.71	10.79
Groisard, Régis (FRA) (1973)	time	1.92	3.02	3.98	4.90	5.80	6.72	6.72	/ 3		
reaction time	interval		1.10	0.96	0.92	0.90	0.92		# of strides	3.98	2.74
	velocity	5.21	9.09	10.42	10.87	11.11	10.87	8.93		7.54	10.95
Perrot, Eric (FRA) (1969)	time	1.90	2.99	3.95	4.89	5.83	6.77	6.77	/ 4		
reaction time	interval		1.09	0.96	0.94	0.94	0.94		# of strides	3.95	2.82
	velocity	5.26	9.17	10.42	10.64	10.64	10.64	8.86		7.59	10.64
Heddad, Rachid (MAR) (1968)	time	1.94	3.04	4.01	4.95	5.89	6.81	6.81	/ 5		
reaction time	interval		1.10	0.97	0.94	0.94	0.92		# of strides	4.01	2.80
	velocity	5.15	9.09	10.31	10.64	10.64	10.87	8.81		7.48	10.71
Leconte, Laurent (FRA) (1968)	time	1.92	3.02	3.98	4.94	5.89	6.84	6.84	/ 6		
reaction time	interval		1.10	0.96	0.96	0.95	0.95		# of strides	3.98	2.86
	velocity	5.21	9.09	10.42	10.42	10.53	10.53	8.77		7.54	10.49

Heat 1

date 10-Feb-96

Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m
Cali, Stéphane (FRA) (1972)	time	1.91	2.97	3.92	4.83	5.74	6.65	6.65	/ 1		
reaction time	interval		1.06	0.95	0.91	0.91	0.91		# of strides	3.92	2.73
	velocity	5.24	9.43	10.53	10.99	10.99	10.99	9.02		7.65	10.99
Douhou, Ahmed (FRA) (1976)	time	1.93	3.02	3.99	4.92	5.84	6.75	6.75	/ 2		
reaction time	interval		1.09	0.97	0.93	0.92	0.91		# of strides	3.99	2.76
	velocity	5.18	9.17	10.31	10.75	10.87	10.99	8.89		7.52	10.87
Sangouma, Daniel (FRA) (1965)	time	1.94	3.03	4.02	4.95	5.88	6.79	6.79	/ 3		
reaction time	interval		1.09	0.99	0.93	0.93	0.91		# of strides	4.02	2.77
	velocity	5.15	9.17	10.10	10.75	10.75	10.99	8.84		7.46	10.83
Cavron, Jean-Philippe (FRA) (197(	time	1.92	3.01	3.99	4.94	5.88	6.83	6.83	/ 4		
reaction time	interval		1.09	0.98	0.95	0.94	0.95		# of strides	3.99	2.84
	velocity	5.21	9.17	10.20	10.53	10.64	10.53	8.78		7.52	10.56
Drayton Éric (FRA) (1972)	time	1.95	3.03	4.03	4.97	5.91	6.84	6.84	/ 5		

reaction time	interval		1.08	1.00	0.94	0.94	0.93			# of strides	4.03	2.81
	velocity	5.13	9.26	10.00	10.64	10.64	10.75		8.77		7.44	10.68
Loutzhy, Stéphane (FRA) (1971)	time	1.94	3.03	4.02	4.96	5.91	6.85		6.85	/ 6		
reaction time	interval		1.09	0.99	0.94	0.95	0.94			# of strides	4.02	2.83
	velocity	5.15	9.17	10.10	10.64	10.53	10.64		8.76		7.46	10.60

1995 IAAF World Championships (Göteborg, SWE)

FINAL date 06-Aug-95 wind 1.0 m/s

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bailey, Donovan (CAN) (1967)	0.138	no information available									9.97	5 / 1	# of strides		44.0
Surin, Bruny (CAN) (1967)	0.132	no information available									10.03	3 / 2	# of strides		45.2
Boldon, Ato (TTO) (1973)	0.114	no information available								NR	10.03	4 / 3	# of strides		46.5
Fredericks, Frank (NAM) (1967)	0.134	no information available									10.07	2 / 4	# of strides		45.0
Marsh, Mike (USA) (1967)	0.155	no information available									10.10	6 / 5	# of strides		43.0
Christie, Linford (GBR) (1960)	0.110	no information available									10.12	1 / 6	# of strides		44.5
Adeniken, Olapade (NGR) (1969)	0.127	no information available									10.20	8 / 7	# of strides		45.5
Stewart, Raymond (JAM) (1965)	0.135	no information available									10.29	7 / 8	# of strides		46.0

1994 (Tønsberg, NOR)

FINAL date 20-Jul-94 wind 1.8 m/s *(2007) - www.ssg.se/en/Windsprint/Split-times/*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Moen, Geir (NOR) (1969)	time			4.01			6.64		8.37		10.17	10.17	/ 1			
reaction time	interval						2.63		1.73		1.80	PB	# of strides	4.01	2.63	
	velocity			7.48			11.41		11.56		11.11	9.83		7.48	11.41	
Okeke, Aham (NOR) (1969)	time			3.99			6.64		8.38		10.19	10.19	/ 2			
reaction time	interval						2.65		1.74		1.81	PB	# of strides	3.99	2.65	
	velocity			7.52			11.32		11.49		11.05	9.81		7.52	11.32	
Jackson, Tim (AUS) (1969)	time			3.99			6.64		8.40		10.24	10.24	/ 3			
reaction time	interval						2.65		1.76		1.84	PB	# of strides	3.99	2.65	
	velocity			7.52			11.32		11.36		10.87	9.77		7.52	11.32	
Karlsson, Peter (SWE) (1970)	time			3.96			6.64		8.40		10.25	10.25	/ 4			
reaction time	interval						2.68		1.76		1.85		# of strides	3.96	2.68	
	velocity			7.58			11.19		11.36		10.81	9.76		7.58	11.19	
Kjensli, Kennet (NOR) (1969)	time			3.93			6.60		8.39		10.29	10.29	/ 5			
reaction time	interval						2.67		1.79		1.90		# of strides	3.93	2.67	
	velocity			7.63			11.24		11.17		10.53	9.72		7.63	11.24	
Eriksson, Torbjörn (SWE) (1971)	time			3.98			6.69		8.48		10.35	10.35	/ 6			
reaction time	interval						2.71		1.79		1.87	PB	# of strides	3.98	2.71	
	velocity			7.54			11.07		11.17		10.70	9.66		7.54	11.07	
Ghansah, Matias (SWE) (1974)	time			4.00			6.72		8.53		10.39	10.39	/ 7			
reaction time	interval						2.72		1.81		1.86		# of strides	4.00	2.72	
	velocity			7.50			11.03		11.05		10.75	9.62		7.50	11.03	
Hedner, Lars (SWE) (1967)	time			4.07			6.77		8.55		10.40	10.40	/ 8			
reaction time	interval						2.70		1.78		1.85		# of strides	4.07	2.70	
	velocity			7.37			11.11		11.24		10.81	9.62		7.37	11.11	
Leandersson, Thomas (SWE) (196	time			4.01			6.79		8.65		10.55	10.55	/ 1			
reaction time	interval						2.78		1.86		1.90		# of strides	4.01	2.78	
	velocity			7.48			10.79		10.75		10.53	9.48		7.48	10.79	
Wennolf, Mikael (SWE) (1971)	time			4.00			6.81		8.66		10.55	10.55	/ 2			
reaction time	interval						2.81		1.85		1.89		# of strides	4.00	2.81	
	velocity			7.50			10.68		10.81		10.58	9.48		7.50	10.68	
Mårtensson, Torbjörn (SWE) (197	time			4.09			6.87		8.70		10.61	10.61	/ 3			
reaction time	interval						2.78		1.83		1.91		# of strides	4.09	2.78	
	velocity			7.33			10.79		10.93		10.47	9.43		7.33	10.79	
Juusela, Lasse (FIN) (1972)	time			4.00			6.81		8.72		10.65	10.65	/ 4			
reaction time	interval						2.81		1.91		1.93		# of strides	4.00	2.81	
	velocity			7.50			10.68		10.47		10.36	9.39		7.50	10.68	
Elofsson, Fredrik (SWE) (1973)	time			4.04			6.87		8.75		10.68	10.68	/ 5			
reaction time	interval						2.83		1.88		1.93		# of strides	4.04	2.83	
	velocity			7.43			10.60		10.64		10.36	9.36		7.43	10.60	
Ridanpää, Tero (FIN) (1972)	time			4.06			6.89		8.74		10.69	10.69	/ 6			
reaction time	interval						2.83		1.85		1.95		# of strides	4.06	2.83	

	velocity		7.39		10.60	10.81	10.26	9.35			7.39	10.60		
Strenius, Patrik (SWE) (1972)	time		4.08		6.90	8.78	10.74	10.74	/ 7					
reaction time	interval				2.82	1.88	1.96		# of strides		4.08	2.82		
	velocity		7.35		10.64	10.64	10.20	9.31			7.35	10.64		
Sivle, Per Ivar (NOR) (1970)	time		4.13		7.02	8.90	10.85	10.85	/ 8					
reaction time	interval				2.89	1.88	1.95		# of strides		4.13	2.89		
	velocity		7.26		10.38	10.64	10.26	9.22			7.26	10.38		

1994 Italian National Championships (Naples, ITA)

FINAL

date 04-Jul-94 wind 1.0 m/s *Locatelli (2000) - the mechanics and energetics of the 100m sprint (in Jarver (ed.), sprints and hurdles (2000))*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Levorato, Luca (ITA) (1971)	time	1.84	3.00	3.96	4.91	5.82	6.72				10.59	10.59	??			
reaction time	interval		1.16	0.96	0.95	0.91	0.90				3.87		# of strides	3.96	2.76	
	velocity	5.43	8.62	10.42	10.53	10.99	11.11				10.34	9.44		7.58	10.87	
Menchini, Marco (ITA) (1968)	time	1.88	3.04	4.03	4.97	5.92	6.86				10.63	10.63	??			
reaction time	interval		1.16	0.99	0.94	0.95	0.94				3.77		# of strides	4.03	2.83	
	velocity	5.32	8.62	10.10	10.64	10.53	10.64				10.61	9.41		7.44	10.60	
Amici, Andrea (ITA) (1971)	time	1.86	3.00	3.99	4.92	5.82	6.74				10.69	10.69	??			
reaction time	interval		1.14	0.99	0.93	0.90	0.92				3.95		# of strides	3.99	2.75	
	velocity	5.38	8.77	10.10	10.75	11.11	10.87				10.13	9.35		7.52	10.91	

Semi-Final 2

date 04-Jul-97 wind 1.0 m/s *Locatelli (2000) - the mechanics and energetics of the 100m sprint (in Jarver (ed.), sprints and hurdles (2000))*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Orlandi, Alessandro (ITA) (1972)	time	1.86	3.00	3.96	4.88	5.77	6.68				10.45	10.45	/ 3			
reaction time	interval		1.14	0.96	0.92	0.89	0.91				3.77	PB	# of strides	3.96	2.72	
	velocity	5.38	8.77	10.42	10.87	11.24	10.99				10.61	9.57		7.58	11.03	

1994 DLV Gala (Duisburg, GER)

FINAL

date 12-Jun-94 wind 1.9 m/s *Stein (1994) - fur sprinter - das training vom 1994*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Blume, Marc (GER) (1973)	time			3.94			6.62		8.41		10.24	10.24	??			
reaction time	interval						2.68		1.79		1.83	PB	# of strides	3.94	2.68	
	velocity			7.61			11.19		11.17		10.93	9.77		7.61	11.19	

Heat ????? date ?? wind ?? *Stein (1994) - fur sprinter - das training vom 1994*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Blume, Holger (GER) (1973)	time			4.01			6.76		8.59		10.47	10.47	??			
reaction time	interval						2.75		1.83		1.88		# of strides	4.01	2.75	
	velocity			7.48			10.91		10.93		10.64	9.55		7.48	10.91	

1993 IAAF World Championships (Stuttgart, GER)

Stein (1993) - verbesserung der schnelligkeit

FINAL

date 15-Aug-93 wind 0.3 m/s *Graubner (2007) - http://www.fgs.uni-halle.de*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Christie, Linford (GBR) (1960)	time			3.85			6.45		8.15		9.87	9.87	4 / 1			*Graubner (2007)*
reaction time 0.140	interval						2.60		1.70		1.72	AR	# of strides	3.85	2.60	
	velocity			7.79			11.54		11.76		11.63	10.13	44.5	7.79	11.54	
Cason, André (USA) (1969)	time			3.83			6.43		8.15		9.92	9.92	6 / 2			*Graubner (2007)*
reaction time 0.183	interval						2.60		1.72		1.77	PB	# of strides	3.83	2.60	
	velocity			7.83			11.54		11.63		11.30	10.08	48.5	7.83	11.54	
Mitchell, Dennis (USA) (1966)	time			3.83			6.46		8.22		9.99	9.99	7 / 3			*Stein (1993)*
reaction time 0.128	interval						2.63		1.76		1.77		# of strides	3.83	2.63	
	velocity			7.83			11.41		11.36		11.30	10.01	46.2	7.83	11.41	
Lewis, Carl (USA) (1961)	time			3.95			6.59		8.30		10.02	10.02	3 / 4			*Stein (1993)*
reaction time 0.144	interval						2.64		1.71		1.72		# of strides	3.95	2.64	
	velocity			7.59			11.36		11.70		11.63	9.98	43.5	7.59	11.36	
Surin, Bruny (CAN) (1967)	time			3.86			6.49		8.24		10.02	10.02	2 / 5			*Stein (1993)*
reaction time 0.148	interval						2.63		1.75		1.78		# of strides	3.86	2.63	
	velocity			7.77			11.41		11.43		11.24	9.98	44.5	7.77	11.41	
Fredricks, Frank (NAM) (1967)	time			3.87			6.50		8.25		10.03	10.03	1 / 6			*Stein (1993)*
reaction time 0.146	interval						2.63		1.75		1.78		# of strides	3.87	2.63	
	velocity			7.75			11.41		11.43		11.24	9.97	45.0	7.75	11.41	
Effiong, Daniel (NGR) (1972)	time			3.89			6.50		8.25		10.04	10.04	5 / 7			*Stein (1993)*
reaction time 0.164	interval						2.61		1.75		1.79		# of strides	3.89	2.61	
	velocity			7.71			11.49		11.43		11.17	9.96	43.7	7.71	11.49	

Stewart, Raymond (JAM) (1965)		time		3.89		6.51	8.34	10.18	10.18	8 / 8		*Stein (1993)*		
reaction time	0.166	interval				2.62	1.83	1.84		# of strides	3.89	2.62		
		velocity		7.71		11.45	10.93	10.87	9.82	45.7	7.71	11.45		

Semi-Final 1

date 15-Aug-93 wind 0.3 m/s — *Busemann (2001) - der deutsche sprint! Oder: warum laufen andere schneller?*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Mahorn, Atlee (CAN) (1965)		time		3.96			6.64		8.42		10.21	10.21	2 / 5			
reaction time		interval					2.68		1.78		1.79		# of strides	3.96	2.68	
		velocity		7.58			11.19		11.24		11.17	9.79	44.0	7.58	11.19	

Quarter-Final 2

date 14-Aug-93 wind -0.1 m/s — *Busemann (2001) - der deutsche sprint! Oder: warum laufen andere schneller?*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Blume, Marc (GER) (1973)		time		3.93			6.65		8.47		10.32	10.32	5 / 5			
reaction time		interval					2.72		1.82		1.85		# of strides	3.93	2.72	
		velocity		7.63			11.03		10.99		10.81	9.69	45.2	7.63	11.03	

1993 German National Championships (Duisburg, GER)

FINAL

date 11-Jul-93 wind -0.8 m/s — *Stein (1994) - fur sprinter - das training vom 1994*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Blume, Marc (GER) (1973)		time		3.85			6.57		8.41		10.30	10.30	/ 1			
reaction time		interval					2.72		1.84		1.89	PB	# of strides	3.85	2.72	
		velocity		7.79			11.03		10.87		10.58	9.71		7.79	11.03	

Heat 4

date 9-Jul-93 wind 0.0 m/s — *Busemann (2001) - der deutsche sprint! Oder: warum laufen andere schneller?*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Konieczny, Christian (GER) (1972)		time		3.95			6.67		8.47		10.35	10.37	/ 1			
reaction time		interval					2.72		1.80		1.88	PB	# of strides	3.95	2.72	
		velocity		7.59			11.03		11.11		10.64	9.64		7.59	11.03	

Heat ?????

date ?? wind ?? — *Stein (1994) - fur sprinter - das training vom 1994*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Blume, Holger (GER) (1973)		time		3.97			6.76		8.63		10.54	10.54	??			
reaction time		interval					2.79		1.87		1.91		# of strides	3.97	2.79	
10.Jul.93 - 10.54 (0.8 m/s) (H4?)		velocity		7.56			10.75		10.70		10.47	9.49		7.56	10.75	

1992 Olympic Games (Barcelona, ESP)

FINAL

date 1-Aug-92 wind 0.5 m/s — *Arnold (1992) - 1992 Olympic report: 100m men*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Christie, Linford (GBR) (1960)		time		2.93		4.74		6.48		8.22		9.98	9.96	5 / 1			
reaction time	0.139	interval				1.81		1.74		1.74		1.76		# of strides			
		velocity		6.83		11.05		11.49		11.49		11.36	10.04	44.5			
Fredericks, Frank (NAM) (1967)		time		2.91		4.74		6.50		8.26		10.03	10.02	3 / 2			
reaction time	0.138	interval				1.83		1.76		1.76		1.77		# of strides			
		velocity		6.87		10.93		11.36		11.36		11.30	9.98	46.0			
Mitchell, Dennis (USA) (1966)		time		2.93		4.76		6.52		8.28		10.05	10.04	4 / 3			
reaction time	0.143	interval				1.83		1.76		1.76		1.77		# of strides			
		velocity		6.83		10.93		11.36		11.36		11.30	9.96	46.2			
Surin, Bruny (CAN) (1967)		time		2.89		4.72		6.50		8.28		10.07	10.09	1 / 4			
reaction time	0.124	interval				1.83		1.78		1.78		1.79		# of strides			
		velocity		6.92		10.93		11.24		11.24		11.17	9.91	44.2			
Burrell, Leroy (USA) (1967)		time		2.99		4.82		6.58		8.32		10.11	10.10	6 / 5			
reaction time	0.165	interval				1.83		1.76		1.74		1.79		# of strides			
		velocity		6.69		10.93		11.36		11.49		11.17	9.90	43.0			
Adeniken, Olapade (NGR) (1969)		time		3.01		4.84		6.58		8.34		10.12	10.12	8 / 6			
reaction time	0.183	interval				1.83		1.74		1.76		1.78		# of strides			
		velocity		6.64		10.93		11.49		11.36		11.24	9.88	46.0			
Stewart, Raymond (JAM) (1965)		time		2.95		4.78		6.56		8.36		10.22	10.22	2 / 7			
reaction time	0.134	interval				1.83		1.78		1.80		1.86		# of strides			
		velocity		6.78		10.93		11.24		11.11		10.75	9.78	46.2			
Ezinwa, Davidson (NGR) (1971)		time		2.99		4.84		6.62		8.42		10.26	10.26	7 / 8			
reaction time	0.172	interval				1.85		1.78		1.80		1.84		# of strides			
		velocity		6.69		10.81		11.24		11.11		10.87	9.75	46.0			

1991 IAAF World Championships (Tokyo, JPN)

FINAL

date 25-Aug-91 wind 1.2 m/s — *Ae (1992) - The men's 100m (1991 WC)*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lewis, Carl (USA) (1961)		time	1.88	2.96	3.88	4.77	5.61	6.46	7.30	8.13	9.00	9.86	9.86	5 / 1			

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

reaction time 0.140	interval		1.08	0.92	0.89	0.84	0.85	0.84	0.83	0.87	0.86	WR	# of strides	3.88	2.58	2.54
	velocity	5.32	9.26	10.87	11.24	11.90	11.76	11.90	12.05	11.49	11.63	10.14	45.1	7.73	11.63	11.81
Burrell, Leroy (USA) (1967)	time	1.83	2.89	3.80	4.68	5.55	6.41	7.28	8.12	9.01	9.88	9.88	3 / 2			
reaction time 0.120	interval		1.06	0.91	0.88	0.87	0.86	0.87	0.84	0.89	0.87	PB	# of strides	3.80	2.61	2.60
	velocity	5.46	9.43	10.99	11.36	11.49	11.63	11.49	11.90	11.24	11.49	10.12	44.0	7.89	11.49	11.54
Mitchell, Dennis (USA) (1966)	time	1.80	2.87	3.80	4.68	5.55	6.42	7.28	8.14	9.02	9.91	9.91	6 / 3			
reaction time 0.090	interval		1.07	0.93	0.88	0.87	0.87	0.86	0.86	0.88	0.89	PB	# of strides	3.80	2.62	2.60
	velocity	5.56	9.35	10.75	11.36	11.49	11.49	11.63	11.63	11.36	11.24	10.09	47.0	7.89	11.45	11.54
Christie, Linford (GBR) (1960)	time	1.85	2.91	3.83	4.72	5.57	6.43	7.29	8.14	9.04	9.92	9.92	4 / 4			
reaction time 0.126	interval		1.06	0.92	0.89	0.85	0.86	0.86	0.85	0.90	0.88	AR	# of strides	3.83	2.60	2.61
	velocity	5.41	9.43	10.87	11.24	11.76	11.63	11.63	11.76	11.11	11.36	10.08	45.5	7.83	11.54	11.49
Fredericks, Frank (NAM) (1967)	time	1.86	2.92	3.84	4.73	5.60	6.47	7.33	8.18	9.07	9.95	9.95	7 / 5			
reaction time 0.151	interval		1.06	0.92	0.89	0.87	0.87	0.86	0.85	0.89	0.88	AR	# of strides	3.84	2.63	2.60
	velocity	5.38	9.43	10.87	11.24	11.49	11.49	11.63	11.76	11.24	11.36	10.05	46.6	7.81	11.41	11.54
Stewart, Raymond (JAM) (1965)	time	1.81	2.88	3.79	4.68	5.54	6.41	7.29	8.16	9.06	9.96	9.96	2 / 6			
reaction time 0.114	interval		1.07	0.91	0.89	0.86	0.87	0.88	0.87	0.90	0.90	NR	# of strides	3.79	2.62	2.65
	velocity	5.52	9.35	10.99	11.24	11.63	11.49	11.36	11.49	11.11	11.11	10.04	46.6	7.92	11.45	11.32
da Silva, Robson Caetano (BRA) (	time	1.91	2.97	3.90	4.79	5.67	6.56	7.45	8.32	9.22	10.12	10.12	8 / 7			
reaction time 0.172	interval		1.06	0.93	0.89	0.88	0.89	0.89	0.87	0.90	0.90		# of strides	3.90	2.66	2.66
	velocity	5.24	9.43	10.75	11.24	11.36	11.24	11.24	11.49	11.11	11.11	9.88	44.5	7.69	11.28	11.28
Surin, Bruny (CAN) (1967)	time	1.88	2.95	3.87	4.77	5.66	6.56	7.44	8.31	9.22	10.14	10.14	1 / 8			
reaction time 0.148	interval		1.07	0.92	0.90	0.89	0.90	0.88	0.87	0.91	0.92		# of strides	3.87	2.69	2.66
	velocity	5.32	9.35	10.87	11.11	11.24	11.11	11.36	11.49	10.99	10.87	9.86	44.0	7.75	11.15	11.28

1991 European Junior Championships (Thessaloniki, GRE)

FINAL date 8-Aug-91 wind -0.4 m/s

Stein (1993) - die beschleunigungsfähigkeit bestimmt die sprintleistung

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Blume, Marc (GER) (1973)	time	1.96	3.03	4.04	4.98	5.88	6.82	7.76	8.70	9.65	10.64	10.64	/ 5			
reaction time	interval		1.07	1.01	0.94	0.90	0.94	0.94	0.94	0.95	0.99	PB	# of strides	4.04	2.78	2.83
	velocity	5.10	9.35	9.90	10.64	11.11	10.64	10.64	10.64	10.53	10.10	9.40		7.43	10.79	10.60

1991 European Cup (Frankfurt, GER)

FINAL date 29-Jun-91 wind 0.5 m/s

Federle (2003) - http://www.fgs.uni-halle.de

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Christie, Linford (GBR) (1960)	time			3.91			6.58		8.38		10.18	10.18	/ 1			
reaction time	interval						2.67		1.80		1.80		# of strides	3.91	2.67	
	velocity			7.67			11.24		11.11		11.11	9.82		7.67	11.24	
Sangouma, Daniel (FRA) (1965)	time			3.90			6.59		8.37		10.20	10.20	/ 2			
reaction time	interval						2.69		1.78		1.83		# of strides	3.90	2.69	
	velocity			7.69			11.15		11.24		10.93	9.80		7.69	11.15	
Bringmann, Steffen (GER) (1964)	time			4.02			6.74		8.55		10.42	10.42	/ 3			
reaction time	interval						2.72		1.81		1.87		# of strides	4.02	2.72	
	velocity			7.46			11.03		11.05		10.70	9.60		7.46	11.03	
Madonia, Ezio (ITA) (1966)	time			4.01			6.75		8.57		10.42	10.42	/ 4			
reaction time	interval						2.74		1.82		1.85		# of strides	4.01	2.74	
	velocity			7.48			10.95		10.99		10.81	9.60		7.48	10.95	
Kovács, Attila (HUN) (1960)	time			4.00			6.78		8.62		10.51	10.51	/ 5			
reaction time	interval						2.78		1.84		1.89		# of strides	4.00	2.78	
	velocity			7.50			10.79		10.87		10.58	9.51		7.50	10.79	
Savin, Vitaliy (URS) (1966)	time			3.98			6.72		8.56		10.51	10.51	/ 6			
reaction time	interval						2.74		1.84		1.95		# of strides	3.98	2.74	
	velocity			7.54			10.95		10.87		10.26	9.51		7.54	10.95	
Antonov, Nikolay (BUL) (1968)	time			4.11			6.90		8.76		10.66	10.66	/ 7			
reaction time	interval						2.79		1.86		1.90		# of strides	4.11	2.79	
	velocity			7.30			10.75		10.75		10.53	9.38		7.30	10.75	
Mezihorak, Jiri (TCH) (1965)	time			4.02			6.84		8.75		10.72	10.72	/ 8			
reaction time	interval						2.82		1.91		1.97		# of strides	4.02	2.82	
	velocity			7.46			10.64		10.47		10.15	9.33		7.46	10.64	

1989 IAAF World Cup (Barcelona, ESP)

FINAL date 08-Sep-89 wind 0.5 m/s

Pascua (1990) - atletismo (I) carreras y marcha

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Christie, Linford (GBR) (1960)	time	2.96	4.80	5.71	6.59	7.46	8.32	10.10	10.10	/ 1			
reaction time 0.147	interval		1.84	0.91	0.88	0.87	0.86	1.78		# of strides			
	velocity	6.76	10.87	10.99	11.36	11.49	11.63	11.24	9.90	45.0			
Burrell, Leroy (USA) (1967)	time	2.99	4.85	5.73	6.61	7.48	8.36	10.15	10.15	/ 2			
reaction time 0.154	interval		1.86	0.88	0.88	0.87	0.88	1.79		# of strides			
	velocity	6.69	10.75	11.36	11.36	11.49	11.36	11.17	9.85	43.8			
Sangouma, Daniel (FRA) (1965)	time	2.97	4.83	5.72	6.61	7.48	8.37	10.17	10.17	/ 3			
reaction time 0.162	interval		1.86	0.89	0.89	0.87	0.89	1.80	=PB	# of strides			
	velocity	6.73	10.75	11.24	11.24	11.49	11.24	11.11	9.83	43.9			
Adeniken, Olapade (NGR) (1969)	no information available								10.20	/ 4			
Jackson, Tim (AUS) (1969)	no information available								10.38	/ 5			
Matthas, Sven (GDR) (1969)	no information available								10.41	/ 6			
Arques, José Javier (ESP) (1960)	time	3.01	4.91	5.84	6.76	7.69	8.62	10.48	10.48	/ 7			
reaction time 0.155	interval		1.90	0.93	0.92	0.93	0.93	1.86		# of strides			
	velocity	6.64	10.53	10.75	10.87	10.75	10.75	10.75	9.54	47.1			
Lestari, Mardi (INA) (1968)	no information available								10.48	/ 8			
Isasi, Joel (CUB) (1967)	no information available								10.52	/ 9			

1988 Olympic Games (Seoul, KOR)

Bondachuk (2007) - transfer of training in sports

FINAL

date 24-Sep-88 wind 1.1 m/s

Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Johnson, Ben (CAN) (1961)	time	1.83	2.87	3.80	4.66	5.50	6.33	7.17	8.02	8.89	9.79	9.79	6 / ~~1~~			*Brüggemann (1990)*
reaction time 0.132	interval		1.04	0.93	0.86	0.84	0.83	0.84	0.85	0.87	0.90	~~WR~~ DV	# of strides	3.80	2.53	2.56
	velocity	5.46	9.62	10.75	11.63	11.90	12.05	11.90	11.76	11.49	11.11	10.21	46.6	7.89	11.86	11.72
Lewis, Carl (USA) (1961)	time	1.89	2.96	3.90	4.79	5.65	6.48	7.33	8.18	9.04	9.92	9.92	3 / ~~2~~ 1			*Brüggemann (1990)*
reaction time 0.136	interval		1.07	0.94	0.89	0.86	0.83	0.85	0.85	0.86	0.88	WR	# of strides	3.90	2.58	2.56
	velocity	5.29	9.35	10.64	11.24	11.63	12.05	11.76	11.76	11.63	11.36	10.08	43.6	7.69	11.63	11.72
Christie, Linford (GBR) (1960)	time	1.92	2.97	3.92	4.81	5.66	6.50	7.36	8.22	9.09	9.97	9.97	4 / ~~3~~ 2			*Brüggemann (1990)*
reaction time 0.138	interval		1.05	0.95	0.89	0.85	0.84	0.86	0.86	0.87	0.88	PB	# of strides	3.92	2.58	2.59
	velocity	5.21	9.52	10.53	11.24	11.76	11.90	11.63	11.63	11.49	11.36	10.03	43.8	7.65	11.63	11.58
Smith, Calvin (USA) (1961)	time	1.92	2.95	3.90	4.79	5.65	6.50	7.36	8.23	9.10	9.99	9.99	5 / ~~4~~ 3			*Bondachuk (2007)*
reaction time 0.176	interval		1.03	0.95	0.89	0.86	0.85	0.86	0.87	0.87	0.89		# of strides	3.90	2.60	2.60
	velocity	5.21	9.71	10.53	11.24	11.63	11.76	11.63	11.49	11.49	11.24	10.01	43.9	7.69	11.54	11.54
Mitchell, Dennis (USA) (1966)	time	1.92	2.97	3.93	4.83	5.69	6.54	7.41	8.28	9.16	10.04	10.04	8 / ~~5~~ 4			*Brüggemann (1990)*
reaction time 0.186	interval		1.05	0.96	0.90	0.86	0.85	0.87	0.87	0.88	0.88		# of strides	3.93	2.61	2.62
	velocity	5.21	9.52	10.42	11.11	11.63	11.76	11.49	11.49	11.36	11.36	9.96	45.7	7.63	11.49	11.45
da Silva, Robson Caetano (BRA) (	time	1.92	2.97	3.93	4.83	5.70	6.57	7.45	8.33	9.22	10.11	10.11	1 / ~~6~~ 5			*Brüggemann (1990)*
reaction time 0.155	interval		1.05	0.96	0.90	0.87	0.87	0.88	0.88	0.89	0.89		# of strides	3.93	2.64	2.65
	velocity	5.21	9.52	10.42	11.11	11.49	11.49	11.36	11.36	11.24	11.24	9.89	44.6	7.63	11.36	11.32
Williams, Desai (CAN) (1959)	time	1.88	2.92	3.86	4.75	5.61	6.47	7.37	8.27	9.18	10.11	10.11	7 / ~~7~~ 6			*Brüggemann (1990)*
reaction time 0.149	interval		1.04	0.94	0.89	0.86	0.86	0.90	0.90	0.91	0.93	PB	# of strides	3.86	2.61	2.71
	velocity	5.32	9.62	10.64	11.24	11.63	11.63	11.11	11.11	10.99	10.75	9.89	45.7	7.77	11.49	11.07
Stewart, Raymond (JAM) (1965)	time	1.88	2.95	3.92	4.84	5.71	6.65				12.26	12.26	2 / ~~8~~ 7			*Brüggemann (1990)*
reaction time 0.159	interval		1.07	0.97	0.92	0.87	0.94				5.61		# of strides	3.92	2.73	
	velocity	5.32	9.35	10.31	10.87	11.49	10.64				7.13	8.16		7.65	10.99	

Semi-Final 2

date 24-Sep-88 wind -1.2 m/s

Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Johnson, Ben (CAN) (1961)	time	1.89	2.92	3.82	4.70	5.58	6.44	7.32	8.20	9.10	10.03	10.03	6 / ~~1~~			
reaction time	interval		1.03	0.90	0.88	0.88	0.86	0.88	0.88	0.90	0.93	DV	# of strides	3.82	2.62	2.66
	velocity	5.29	9.71	11.11	11.36	11.36	11.63	11.36	11.36	11.11	10.75	9.97		7.85	11.45	11.28
Christie, Linford (GBR) (1960)	time	1.92	2.96	3.90	4.80	5.69	6.56	7.44	8.32	9.20	10.11	10.11	3 / ~~2~~ 1			
reaction time	interval		1.04	0.94	0.90	0.89	0.87	0.88	0.88	0.88	0.91		# of strides	3.90	2.66	2.64
	velocity	5.21	9.62	10.64	11.11	11.24	11.49	11.36	11.36	11.36	10.99	9.89		7.69	11.28	11.36
Mitchell, Dennis (USA) (1966)	time	1.91	2.95	3.88	4.79	5.70	6.59	7.49	8.40	9.31	10.23	10.23	5 / ~~3~~ 2			
reaction time	interval		1.04	0.93	0.91	0.91	0.89	0.90	0.91	0.91	0.92		# of strides	3.88	2.71	2.72
	velocity	5.24	9.62	10.75	10.99	10.99	11.24	11.11	10.99	10.99	10.87	9.78		7.73	11.07	11.03
da Silva, Robson Caetano (BRA) (	time	1.97	3.01	3.96	4.86	5.76	6.64	7.54	8.44	9.33	10.24	10.24	4 / ~~4~~ 3			
reaction time	interval		1.04	0.95	0.90	0.90	0.88	0.90	0.90	0.89	0.91		# of strides	3.96	2.68	2.69
	velocity	5.08	9.62	10.53	11.11	11.11	11.36	11.11	11.11	11.24	10.99	9.77		7.58	11.19	11.15

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kovács, Attila (HUN) (1960)	time	1.97	3.02	3.97	4.89	5.81	6.70	7.59	8.49	9.39	10.31	10.31	2 / ~~5~~ 4			
reaction time	interval		1.05	0.95	0.92	0.92	0.89	0.89	0.90	0.90	0.92		# of strides	3.97	2.73	2.69
	velocity	5.08	9.52	10.53	10.87	10.87	11.24	11.24	11.11	11.11	10.87	9.70		7.56	10.99	11.15
Núñez, Juan (DOM) (1959)	time	1.97	3.01	3.94	4.87	5.79	6.68	7.59	8.50	9.42	10.35	10.35	7 / ~~6~~ 5			
reaction time	interval		1.04	0.93	0.93	0.92	0.89	0.91	0.91	0.92	0.93		# of strides	3.94	2.74	2.74
	velocity	5.08	9.62	10.75	10.75	10.87	11.24	10.99	10.99	10.87	10.75	9.66		7.61	10.95	10.95
Adeyanju, Isiak (NGR) (1959)	time	1.91	2.97	3.94	4.88	5.82	6.75	7.71	8.67	9.63	10.60	10.60	8 / ~~7~~ 6			
reaction time	interval		1.06	0.97	0.94	0.94	0.93	0.96	0.96	0.96	0.97		# of strides	3.94	2.81	2.88
	velocity	5.24	9.43	10.31	10.64	10.64	10.75	10.42	10.42	10.42	10.31	9.43		7.61	10.68	10.42

Semi-Final 1

date 24-Sep-88 wind 0.6 m/s

Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lewis, Carl (USA) (1961)	time	1.95	2.99	3.93	4.81	5.69	6.55	7.41	8.26	9.11	9.97	9.97	5 / 1			
reaction time	interval		1.04	0.94	0.88	0.88	0.86	0.86	0.85	0.85	0.86		# of strides	3.93	2.62	2.56
	velocity	5.13	9.62	10.64	11.36	11.36	11.63	11.63	11.76	11.76	11.63	10.03		7.63	11.45	11.72
Smith, Calvin (USA) (1961)	time	1.95	2.99	3.93	4.84	5.74	6.62	7.50	8.37	9.24	10.15	10.15	3 / 2			
reaction time	interval		1.04	0.94	0.91	0.90	0.88	0.88	0.87	0.87	0.91		# of strides	3.93	2.69	2.62
	velocity	5.13	9.62	10.64	10.99	11.11	11.36	11.36	11.49	11.49	10.99	9.85		7.63	11.15	11.45
Stewart, Raymond (JAM) (1965)	time	1.94	2.98	3.92	4.83	5.73	6.61	7.50	8.38	9.27	10.18	10.18	2 / 3			
reaction time	interval		1.04	0.94	0.91	0.90	0.88	0.89	0.88	0.89	0.91		# of strides	3.92	2.69	2.66
	velocity	5.15	9.62	10.64	10.99	11.11	11.36	11.24	11.36	11.24	10.99	9.82		7.65	11.15	11.28
Williams, Desai (CAN) (1959)	time	1.89	2.92	3.85	4.75	5.65	6.53	7.44	8.36	9.28	10.24	10.24	4 / 4			
reaction time	interval		1.03	0.93	0.90	0.90	0.88	0.91	0.92	0.92	0.96		# of strides	3.85	2.68	2.75
	velocity	5.29	9.71	10.75	11.11	11.11	11.36	10.99	10.87	10.87	10.42	9.77		7.79	11.19	10.91
Silva, Arnaldo Oliveira (BRA) (196	time	1.93	2.97	3.93	4.84	5.75	6.64	7.56	8.48	9.40	10.32	10.32	8 / 5			
reaction time	interval		1.04	0.96	0.91	0.91	0.89	0.92	0.92	0.92	0.92		# of strides	3.93	2.71	2.76
	velocity	5.18	9.62	10.42	10.99	10.99	11.24	10.87	10.87	10.87	10.87	9.69		7.63	11.07	10.87
Adeniken, Olapade (NGR) (1969)	time	1.99	3.06	4.02	4.92	5.82	6.70	7.60	8.51	9.42	10.33	10.33	1 / 6			
reaction time	interval		1.07	0.96	0.90	0.90	0.88	0.90	0.91	0.91	0.91		# of strides	4.02	2.68	2.72
	velocity	5.03	9.35	10.42	11.11	11.11	11.36	11.11	10.99	10.99	10.99	9.68		7.46	11.19	11.03
Lestari, Mardi (INA) (1968)	time	2.01	3.06	4.00	4.90	5.80	6.69	7.60	8.52	9.45	10.39	10.39	7 / 7			
reaction time	interval		1.05	0.94	0.90	0.90	0.89	0.91	0.92	0.93	0.94		# of strides	4.00	2.69	2.76
	velocity	4.98	9.52	10.64	11.11	11.11	11.24	10.99	10.87	10.75	10.64	9.62		7.50	11.15	10.87
Myles-Mills, John (GHA) (1966)	time	2.01	3.06	4.01	4.91	5.81	6.71	7.63	8.56	9.49	10.43	10.43	6 / 8			
reaction time	interval		1.05	0.95	0.90	0.90	0.90	0.92	0.93	0.93	0.94		# of strides	4.01	2.70	2.78
	velocity	4.98	9.52	10.53	11.11	11.11	11.11	10.87	10.75	10.75	10.64	9.59		7.48	11.11	10.79

1987 IAAF World Championships (Rome, ITA)

Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics

FINAL

date 30-Aug-87 wind 1.0 m/s

Ward-Smith (2000) - investigation of kinetics of anerobic metabolism by analysis of the performance of elite sprinters

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Johnson, Ben (CAN) (1961)	time	1.84	2.86	3.80	4.67	5.53	6.38	7.23	8.10	8.96	9.83	9.83	5 / ~~1~~		*Ward-Smith (2000)*	
reaction time 0.109	interval		1.02	0.94	0.87	0.86	0.85	0.85	0.87	0.86	0.87	~~WR~~ DV	# of strides	3.80	2.58	2.58
	velocity	5.43	9.80	10.64	11.49	11.63	11.76	11.76	11.49	11.63	11.49	10.17	46.2	7.89	11.63	11.63
Lewis, Carl (USA) (1961)	time	1.94	2.96	3.91	4.78	5.64	6.50	7.36	8.22	9.07	9.93	9.93	6 / ~~2~~ 1		*Ward-Smith (2000)*	
reaction time 0.196	interval		1.02	0.95	0.87	0.86	0.86	0.86	0.86	0.85	0.86		# of strides	3.91	2.59	2.57
	velocity	5.15	9.80	10.53	11.49	11.63	11.63	11.63	11.63	11.76	11.63	10.07	44.6	7.67	11.58	11.67
Stewart, Raymond (JAM) (1965)	time	1.99	3.04	3.98	4.89	5.76	6.62	7.49	8.35	9.22	10.08	10.08	3 / ~~3~~ 2		*Ward-Smith (2000)*	
reaction time 0.235	interval		1.05	0.94	0.91	0.87	0.86	0.87	0.86	0.87	0.86	PB	# of strides	3.98	2.64	2.60
	velocity	5.03	9.52	10.64	10.99	11.49	11.63	11.49	11.63	11.49	11.63	9.92	45.0	7.54	11.36	11.54
Christie, Linford (GBR) (1960)	time	1.97	3.01	3.97	4.87	5.76	6.62	7.49	8.37	9.26	10.14	10.14	8 / ~~4~~ 3		*Ward-Smith (2000)*	
reaction time 0.155	interval		1.04	0.96	0.90	0.89	0.86	0.87	0.88	0.89	0.88		# of strides	3.97	2.65	2.64
	velocity	5.08	9.62	10.42	11.11	11.24	11.63	11.49	11.36	11.24	11.36	9.86	44.6	7.56	11.32	11.36
Kovács, Attila (HUN) (1960)	time	1.97	3.01	3.98	4.89	5.77	6.67	7.55	8.44	9.33	10.20	10.20	4 / ~~5~~ 4		*Ward-Smith (2000)*	
reaction time 0.201	interval		1.04	0.97	0.91	0.88	0.90	0.88	0.89	0.89	0.87		# of strides	3.98	2.69	2.66
	velocity	5.08	9.62	10.31	10.99	11.36	11.11	11.36	11.24	11.24	11.49	9.80	47.0	7.54	11.15	11.28
Bryzgin, Viktor (URS) (1962)	time	1.94	3.00	3.97	4.87	5.77	6.66	7.56	8.45	9.35	10.25	10.25	1 / ~~6~~ 5		*Ward-Smith (2000)*	
reaction time 0.139	interval		1.06	0.97	0.90	0.90	0.89	0.90	0.89	0.90	0.90		# of strides	3.97	2.69	2.69
	velocity	5.15	9.43	10.31	11.11	11.11	11.24	11.11	11.24	11.11	11.11	9.76	46.0	7.56	11.15	11.15
McRae, Lee (USA) (1966)	time	1.92	2.98	3.94	4.87	5.77	6.66	7.58	8.50	9.42	10.34	10.34	7 / ~~7~~ 6		*Ward-Smith (2000)*	
reaction time 0.225	interval		1.06	0.96	0.93	0.90	0.89	0.92	0.92	0.92	0.92		# of strides	3.94	2.72	2.76
	velocity	5.21	9.43	10.42	10.75	11.11	11.24	10.87	10.87	10.87	10.87	9.67	46.6	7.61	11.03	10.87

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Pavoni, Pierfrancesco (ITA) (1963)		time			4.33	5.47						16.23	2 / ~~8~~ 7			*Moravec (1988)*
reaction time	0.163	interval				1.14							# of strides	4.33		
		velocity			6.93	8.77						6.16		6.93		

Semi-Final 2

date 30-Aug-87 wind -1.3 m/s *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lewis, Carl (USA) (1961)	time	1.94	3.00	3.98	4.86	5.73	6.59	7.44	8.30	9.15	10.03	10.03	8 / 1			
reaction time	interval		1.06	0.98	0.88	0.87	0.86	0.85	0.86	0.85	0.88	CR	# of strides	3.98	2.61	2.56
	velocity	5.15	9.43	10.20	11.36	11.49	11.63	11.76	11.63	11.76	11.36	9.97	43.6	7.54	11.49	11.72
Stewart, Raymond (JAM) (1965)	time	1.94	3.00	3.96	4.86	5.74	6.60	7.47	8.35	9.23	10.12	10.12	3 / 2			
reaction time	interval		1.06	0.96	0.90	0.88	0.86	0.87	0.88	0.88	0.89	PB	# of strides	3.96	2.64	2.63
	velocity	5.15	9.43	10.42	11.11	11.36	11.63	11.49	11.36	11.36	11.24	9.88	44.8	7.58	11.36	11.41
Kovács, Attila (HUN) (1960)	time			3.95			6.62				10.22	10.22	1 / 3			
reaction time	interval						2.67				3.60		# of strides	3.95	2.67	
	velocity			7.59			11.24				11.11	9.78	47.5	7.59	11.24	
Bryzgin, Viktor (URS) (1962)	time			3.95			6.69				10.23	10.23	5 / 4			
reaction time	interval						2.74				3.54		# of strides	3.95	2.74	
	velocity			7.59			10.95				11.30	9.78	46.5	7.59	10.95	

Semi-Final 1

date 30-Aug-87 wind -0.3 m/s *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Johnson, Ben (CAN) (1961)	time	1.84	2.88	3.83	4.75	5.64	6.51	7.38	8.26	9.15	10.15	10.15	6 / ~~1~~			
reaction time	interval		1.04	0.95	0.92	0.89	0.87	0.87	0.88	0.89	1.00	DV	# of strides	3.83	2.68	2.64
	velocity	5.43	9.62	10.53	10.87	11.24	11.49	11.49	11.36	11.24	10.00	9.85	45.5	7.83	11.19	11.36
Christie, Linford (GBR) (1960)	time			3.96			6.66				10.25	10.25	7 / ~~2~~ 1			
reaction time	interval						2.70				3.59		# of strides	3.96	2.70	
	velocity			7.58			11.11				11.14	9.76	44.5	7.58	11.11	
Pavoni, Pierfrancesco (ITA) (1963)	time			3.95			6.69				10.33	10.33	5 / ~~3~~ 2			
reaction time	interval						2.74				3.64		# of strides	3.95	2.74	
	velocity			7.59			10.95				10.99	9.68	44.7	7.59	10.95	
McRae, Lee (USA) (1966)	time			3.95			6.69				10.37	10.37	3 / ~~4~~ 3			
reaction time	interval						2.74				3.68		# of strides	3.95	2.74	
	velocity			7.59			10.95				10.87	9.64	48.0	7.59	10.95	

Quarter-Final 4

date 29-Aug-87 wind -0.4 m/s *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Stewart, Raymond (JAM) (1965)	time	1.92	2.97	3.92	4.83	5.72	6.59	7.46	8.33	9.21	10.14	10.14	5 / 1			
reaction time	interval		1.05	0.95	0.91	0.89	0.87	0.87	0.87	0.88	0.93	PB	# of strides	3.92	2.67	2.62
	velocity	5.21	9.52	10.53	10.99	11.24	11.49	11.49	11.49	11.36	10.75	9.86	45.5	7.65	11.24	11.45
Johnson, Ben (CAN) (1961)	time	1.88	2.88	3.82	4.72	5.60	6.48	7.35	8.25	9.16	10.14	10.14	4 / ~~2~~			
reaction time	interval		1.00	0.94	0.90	0.88	0.88	0.87	0.90	0.91	0.98	DV	# of strides	3.82	2.66	2.68
	velocity	5.32	10.00	10.64	11.11	11.36	11.36	11.49	11.11	10.99	10.20	9.86	44.5	7.85	11.28	11.19

Quarter-Final 3

date 29-Aug-87 wind -0.1 m/s *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
McRae, Lee (USA) (1966)	time			3.89			6.59				10.21	10.21	3 / 2			
reaction time	interval						2.70				3.62		# of strides	3.89	2.70	
	velocity			7.71			11.11				11.05	9.79	47.5	7.71	11.11	
Pavoni, Pierfrancesco (ITA) (1963)	time			3.90			6.60				10.28	10.28	4 / 3			
reaction time	interval						2.70				3.68		# of strides	3.90	2.70	
	velocity			7.69			11.11				10.87	9.73	45.0	7.69	11.11	

Quarter-Final 2

date 29-Aug-87 wind -1.5 m/s *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bryzgin, Viktor (URS) (1962)	time			3.92			6.64				10.29	10.29	6 / 1			
reaction time	interval						2.72				3.65		# of strides	3.92	2.72	
	velocity			7.65			11.03				10.96	9.72	46.7	7.65	11.03	

Francis (1997) - training for speed

Quarter-Final 1

date 29-Aug-87 wind -2.9 m/s *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lewis, Carl (USA) (1961)	time	2.01	3.07	4.05	4.98	5.88	6.77	7.66	8.56	9.46	10.38	10.38	6 / 1		*Moravec (1988)*	
reaction time	interval		1.06	0.98	0.93	0.90	0.89	0.89	0.90	0.90	0.92		# of strides	4.05	2.72	2.69
	velocity	4.98	9.43	10.20	10.75	11.11	11.24	11.24	11.11	11.11	10.87	9.63	43.0	7.41	11.03	11.15
Christie, Linford (GBR) (1960)	time			4.01			6.76				10.40	10.40	5 / 2		*Moravec (1988)*	
reaction time	interval						2.75				3.64		# of strides	4.01	2.75	
	velocity			7.48			10.91				10.99	9.62	45.2	7.48	10.91	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Kovács, Attila (HUN) (1960)	time			4.02			6.78				10.52	10.52	3 / 3			*Moravec (1988)*
reaction time	interval						2.76				3.74		# of strides	4.02	2.76	
	velocity			7.46			10.87				10.70	9.51	47.7	7.46	10.87	
Haas, Christian (FRG) (1958)	time	1.99	3.07	4.09	5.01	5.94	6.88	7.81	8.75	9.70	10.65	10.65	1 / 5			*Francis (1997)*
reaction time 0.176	interval		1.08	1.02	0.92	0.93	0.94	0.93	0.94	0.95	0.95		# of strides	4.09	2.79	2.82
	velocity	5.03	9.26	9.80	10.87	10.75	10.64	10.75	10.64	10.53	10.53	9.39	45.0	7.33	10.75	10.64

Heat 6

date 29-Aug-87 wind 1.5 m/s *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lewis, Carl (USA) (1961)	time	1.92	2.98	3.93	4.82	5.70	6.57	7.42	8.27	9.13	10.05	10.05	7 / 1			
reaction time	interval		1.06	0.95	0.89	0.88	0.87	0.85	0.85	0.86	0.92	CR	# of strides	3.93	2.64	2.56
	velocity	5.21	9.43	10.53	11.24	11.36	11.49	11.76	11.76	11.63	10.87	9.95	42.7	7.63	11.36	11.72
Kovács, Attila (HUN) (1960)	time			3.97			6.65				10.26	10.26	5 / 2			
reaction time	interval						2.68				3.61		# of strides	3.97	2.68	
	velocity			7.56			11.19				11.08	9.75	46.0	7.56	11.19	

Heat 5

date 29-Aug-87 wind 0.6 m/s *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Johnson, Ben (CAN) (1961)	time	1.91	2.93	3.87	4.78	5.67	6.55	7.44	8.34	9.26	10.24	10.24	6 / ~~1~~			
reaction time	interval		1.02	0.94	0.91	0.89	0.88	0.89	0.90	0.92	0.98	DV	# of strides	3.87	2.68	2.71
	velocity	5.24	9.80	10.64	10.99	11.24	11.36	11.24	11.11	10.87	10.20	9.77	45.5	7.75	11.19	11.07

Heat 4

date 29-Aug-87 wind 1.6 m/s *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Pavoni, Pierfrancesco (ITA) (1963)	time			4.01			6.67				10.24	10.24	/ 1			
reaction time	interval						2.66				3.57		# of strides	4.01	2.66	
	velocity			7.48			11.28				11.20	9.77		7.48	11.28	
Bryzgin, Viktor (URS) (1962)	time			3.96			6.61				10.25	10.25	/ 2			
reaction time	interval						2.65				3.64		# of strides	3.96	2.65	
	velocity			7.58			11.32				10.99	9.76		7.58	11.32	
Christie, Linford (GBR) (1960)	time			4.02			6.67				10.29	10.29	/ 3			
reaction time	interval						2.65				3.62		# of strides	4.02	2.65	
	velocity			7.46			11.32				11.05	9.72		7.46	11.32	

Heat 2

date 29-Aug-87 wind 1.3 m/s *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
McRae, Lee (USA) (1966)	time			3.92			6.67				10.34	10.34	/ 4			
reaction time	interval						2.75				3.67		# of strides	3.92	2.75	
	velocity			7.65			10.91				10.90	9.67		7.65	10.91	

Heat 1

date 29-Aug-87 wind 1.8 m/s *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Stewart, Raymond (JAM) (1965)	time	1.99	3.05	4.00	4.92	5.79	6.65	7.52	8.39	9.28	10.23	10.23	1 / 1			
reaction time	interval		1.06	0.95	0.92	0.87	0.86	0.87	0.87	0.89	0.95		# of strides	4.00	2.65	2.63
	velocity	5.03	9.43	10.53	10.87	11.49	11.63	11.49	11.49	11.24	10.53	9.78	44.0	7.50	11.32	11.41

1986 IAAF World Junor Championships (Athens, GRE)

FINAL

date 17-Jul-86 wind 0.8 m/s *Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Florence, Derrick (USA) (1968)	time	1.93	3.00	3.97	4.83	5.72	6.61	7.46	8.43	9.25	10.17	10.17	/ 1			
reaction time	interval		1.07	0.97	0.86	0.89	0.89	0.85	0.97	0.82	0.92	CR	# of strides	3.97	2.64	2.64
	velocity	5.18	9.35	10.31	11.63	11.24	11.24	11.76	10.31	12.20	10.87	9.83		7.56	11.36	11.36
Kerr, Stanley (USA) (1967)	time	2.01	3.09	4.03	4.90	5.77	6.64	7.54	8.49	9.31	10.23	10.23	/ 2			
reaction time	interval		1.08	0.94	0.87	0.87	0.87	0.90	0.95	0.82	0.92		# of strides	4.03	2.61	2.67
	velocity	4.98	9.26	10.64	11.49	11.49	11.49	11.11	10.53	12.20	10.87	9.78		7.44	11.49	11.24
Henderson, Jamie (GBR) (1969)	time	1.92	2.99	3.98	4.85	5.74	6.65	7.56	8.55	9.41	10.34	10.34	/ 3			
reaction time	interval		1.07	0.99	0.87	0.89	0.91	0.91	0.99	0.86	0.93		# of strides	3.98	2.67	2.76
	velocity	5.21	9.35	10.10	11.49	11.24	10.99	10.99	10.10	11.63	10.75	9.67		7.54	11.24	10.87
Schlicht, Matthias (FRG) (1967)	no information available											10.43	/ 4			
Kirton, David (GBR) (1967)	no information available											10.50	/ 5			
Eregbu, Obinna (NGR) (1969)	no information available											10..52	/ 6			
Antonov, Nikolay (BUL) (1968)	no information available											10.53	/ 7			
Bozhinovski, Krasimir (BUL) (1967)	no information available											10.64	/ 8			

1986 Goodwill Games (Moscow, URS)

FINAL

date 09-Jul-86 wind 0.8 m/s *Levchenko (1989) - 100 meters in 9.83: the birth of a record*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Johnson, Ben (CAN) (1961)	time	3.86	6.47	9.95	9.95	/ ~~1~~				
reaction time	interval		2.61	3.48	DV	# of strides	3.86	2.61		
	velocity	7.77	11.49	11.49	10.05	46.5	7.77	11.49		
Imoh, Chidi (NGR) (1963)	no information available				10.04	/ ~~2~~ 1				
Lewis, Carl (USA) (1961)	time	3.92	6.61	10.06	10.06	/ ~~3~~ 2				
reaction time	interval		2.69	3.45		# of strides	3.92	2.69		
	velocity	7.65	11.15	11.59	9.94	44.0	7.65	11.15		
McRae, Lee (USA) (1966)	no information available				10.12	/ ~~4~~ 3				
Morris, Michael (USA) (1963)	no information available				10.21	/ ~~5~~ 4				
Glance, Harvey (USA) (1957)	no information available				10.24	/ ~~6~~ 5				
Yushmanov, Nikolai (URS) (1961)	no information available				10.26	/ ~~7~~ 6				
Bryzgin, Viktor (URS) (1962)	no information available				10.31	/ ~~8~~ 7				

1984 Olympic Games (Los Angeles, CA)

FINAL date 04-Aug-84 wind 0.2 m/s

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lewis, Carl (USA) (1961)	0.177	no information available									9.99	7 / 1	# of strides		43.2
Graddy, Sam (USA) (1964)	0.156	no information available									10.19	5 / 2	# of strides		46.0
Johnson, Ben (CAN) (1961)	0.149	no information available									10.22	4 / 3	# of strides		47.2
Brown, Ron (USA) (1961)	0.145	no information available									10.26	1 / 4	# of strides		47.0
McFarlane, Mike (GBR) (1960)	0.161	no information available								PB	10.27	2 / 5	# of strides		49.0
Stewart, Raymond (JAM) (1965)	0.187	no information available									10.29	8 / 6	# of strides		45.2
Reid, Donovan (GBR) (1963)	0.147	no information available									10.33	6 / 7	# of strides		48.5
Sharpe, Tony (CAN) (1961)	0.147	no information available									10.35	3 / 8	# of strides		46.5

1984 ???? (Nanjing, CHN)

FINAL date 06-Jun-84 wind ??? *Feng (1986) - Zheng Chen, analysis of the speed, pace, step frequency and amplitude of the 100-meter run*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zheng Chen (CHN) (1965)	time			3.98			6.75		8.55		10.43	10.43	/ 1			
reaction time	interval						2.77		1.80		1.88	PB	# of strides	3.98	2.77	
	velocity			7.54			10.83		11.11		10.64	9.59	46.5	7.54	10.83	

1983 IAAF World Championships (Helsinki, FIN)

FINAL date 08-Aug-83 wind -0.3 m/s *Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Lewis, Carl (USA) (1961)	time		2.92		4.80	5.67	6.55	7.43	8.28		10.07	10.07	3 / 1			
reaction time 0.134	interval				1.88	0.87	0.88	0.88	0.85		1.79	CR	# of strides		6.55	
	velocity		6.85		10.64	11.49	11.36	11.36	11.76		11.17	9.93	44.2		4.58	
Smith, Calvin (USA) (1961)	time		2.92		4.88	5.78	6.64	7.50	8.39		10.21	10.21	8 / 2			
reaction time 0.130	interval				1.96	0.90	0.86	0.86	0.89		1.82		# of strides		6.64	
	velocity		6.85		10.20	11.11	11.63	11.63	11.24		10.99	9.79	44.0		4.52	
King, Emmit (USA) (1959)	time		2.91		4.74	5.63	6.52	7.41	8.29		10.24	10.24	2 / 3			
reaction time 0.131	interval				1.83	0.89	0.89	0.89	0.88		1.95		# of strides		6.52	
	velocity		6.87		10.93	11.24	11.24	11.24	11.36		10.26	9.77	46.2		4.60	
Wells, Allan (GBR) (1952)	time		2.92		4.80	5.70	6.60	7.51	8.40		10.27	10.27	1 / 4			
reaction time 0.125	interval				1.88	0.90	0.90	0.91	0.89		1.87		# of strides		6.60	
	velocity		6.85		10.64	11.11	11.11	10.99	11.24		10.70	9.74	47.2		4.55	
Núñez, Juan (DOM) (1959)	time		2.92		4.87	5.78	6.65	7.53	8.43		10.29	10.29	7 / 5			
reaction time 0.131	interval				1.95	0.91	0.87	0.88	0.90		1.86		# of strides		6.65	
	velocity		6.85		10.26	10.99	11.49	11.36	11.11		10.75	9.72	44.2		4.51	
Haas, Christian (FRG) (1958)	time		2.91		4.81	5.73	6.63	7.53	8.44		10.32	10.32	4 / 6			
reaction time 0.137	interval				1.90	0.92	0.90	0.90	0.91		1.88		# of strides		6.63	
	velocity		6.87		10.53	10.87	11.11	11.11	10.99		10.64	9.69	44.0		4.52	
Narracott, Paul (AUS) (1959)	time		2.90		4.85	5.77	6.65	7.54	8.44		10.33	10.33	6 / 7			
reaction time 0.140	interval				1.95	0.92	0.88	0.89	0.90		1.89		# of strides		6.65	
	velocity		6.90		10.26	10.87	11.36	11.24	11.11		10.58	9.68	47.7		4.51	
Williams, Desai (CAN) (1959)	time		2.92		4.81	5.72	6.61	7.51	8.43		10.36	10.36	5 / 8			
reaction time 0.130	interval				1.89	0.91	0.89	0.90	0.92		1.93		# of strides		6.61	
	velocity		6.85		10.58	10.99	11.24	11.11	10.87		10.36	9.65	46.2		4.54	

1983 Olympischen Tag (East Berlin, GDR)

A FINAL date 08-Jun-83 wind 1.0 m/s *Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Schröder, Thomas (GDR) (1962)	time			3.98			6.66		8.42		10.22	10.22	/ 1			
reaction time	interval						2.68		1.76		1.80	PB	# of strides	3.98	2.68	
	velocity			7.54			11.19		11.36		11.11	9.78		7.54	11.19	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

1982 East German Spitzenklasse (Cottbus, GDR)

FINAL date 21-Aug-82 wind 1.7 m/s *Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Emmelmann, Frank (GDR) (1961)	time			3.99			6.66		8.42		10.20	10.20	/ 1			
reaction time	interval						2.67		1.76		1.78		# of strides	3.99	2.67	
	velocity			7.52			11.24		11.36		11.24	9.80		7.52	11.24	

1982 GDR vs. USA (Karl-Marx-Stadt, GDR)

FINAL date 09-Jul-82 wind 2.1 m/s *Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Smith, Calvin (USA) (1961)	time			3.90			6.46		8.16		9.91	9.91	/ 1			
reaction time	interval						2.56		1.70		1.75		# of strides	3.90	2.56	
	velocity			7.69			11.72		11.76		11.43	10.09		7.69	11.72	
Prenzler, Olaf (GDR) (1958)	time			4.02			6.68		8.46		10.25	10.25	/ 3			
reaction time	interval						2.66		1.78		1.79		# of strides	4.02	2.66	
	velocity			7.46			11.28		11.24		11.17	9.76		7.46	11.28	

1980 Olympic Games (Moscow, URS)

FINAL date 25-Jul-80 wind -1.1 m/s

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wells, Allan (GBR) (1952)	0.193	no information available										10.25	8 / 1		# of strides	47.2
Leonard, Silvio (CUB) (1955)	0.151	no information available										10.25	1 / 2		# of strides	45.2
Petrov, Petar (BUL) (1955)	0.145	no information available										10.39	5 / 3		# of strides	47.0
Aksinin, Aleksandr (URS) (1954)	0.131	no information available										10.42	2 / 4		# of strides	51.0
Lara, Osvaldo (CUB) (1955)	0.155	no information available										10.43	7 / 5		# of strides	47.2
Muravyov, Vladimir (URS) (1959)	0.161	no information available										10.44	3 / 6		# of strides	47.0
Woronin, Marian (POL) (1956)	0.163	no information available										10.46	4 / 7		# of strides	45.0
Panzo, Hermann (FRA) (1958)	0.130	no information available										10.49	6 / 8		# of strides	56.7

1980 Olympischen Tag (East Berlin, GDR)

A FINAL date 28-May-80 wind -0.5 m/s *Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Emmelmann, Frank (GDR) (1961)	time			4.12			6.86		8.67		10.51	10.51	/ 5			
reaction time	interval						2.74		1.81		1.84		# of strides	4.12	2.74	
	velocity			7.28			10.95		11.05		10.87	9.51		7.28	10.95	

1980 East German Spitzsenklasse (Jena, GDR)

FINAL date 17-May-80 wind ??? *Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Schröder, Thomas (GDR) (1962)	time			4.05			6.78		8.59		10.42	10.42	/ 3			
reaction time	interval						2.73		1.81		1.83		# of strides	4.05	2.73	
	velocity			7.41			10.99		11.05		10.93	9.60		7.41	10.99	

1980 East German Olympic Qualifier (Potsdam, GDR)

FINAL date 10-May-80 wind ??? *Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
not entered																
Kurrat, Klaus-Dieter (GDR) (1955)	time			4.04			6.72		8.50		10.34	10.33	/ 3			
reaction time	interval						2.68		1.78		1.84		# of strides	4.04	2.68	
Prenzler, Olaf (GDR) (1958)	velocity			7.43			11.19		11.24		10.87	9.68		7.43	11.19	

1977 East German National Championships (Dresden, GDR)

FINAL date 01-Jul-77 wind 1.6 m/s *Heß (1978) - die geschindigkeitsdynamik von sprintern im 100m-lauf beir wettkampflaufen in olympiazyklus 1973/76*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ray, Eugen (GDR) (1957)	time			3.92			6.60		8.36		10.14	10.14	/ 1			
reaction time	interval						2.68		1.76		1.78	=PB	# of strides	3.92	2.68	
	velocity			7.65			11.19		11.36		11.24	9.86		7.65	11.19	
Thieme, Alexander (GDR) (1954)	time			3.95			6.63		8.42		10.22	10.22	/ 2			
reaction time	interval						2.68		1.79		1.80		# of strides	3.95	2.68	
	velocity			7.59			11.19		11.17		11.11	9.78		7.59	11.19	
Kokot, Manfred (GDR) (1948)	time			3.95			6.65		8.46		10.32	10.32	/ 3			
reaction time	interval						2.70		1.81		1.86		# of strides	3.95	2.70	
	velocity			7.59			11.11		11.05		10.75	9.69		7.59	11.11	

1977 GDR vs. USSR vs. Poland (Karl-Marx-Stadt, GDR)

FINAL date 25-Jun-77 wind ??? *Heß (1978) - die geschindigkeitsdynamik von sprintern im 100m-lauf beir wettkampflaufen in olympiazyklus 1973/76*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kübeck, Detlef (GDR) (1956)	time			4.01			6.74		8.53		10.37	10.37	/ 2			
reaction time	interval						2.73		1.79		1.84		# of strides	4.01	2.73	
	velocity			7.48			10.99		11.17		10.87	9.64		7.48	10.99	

1977 Olympischer Tag (East Berlin, GDR)

FINAL date 15-Jun-77 wind -1.1 m/s *Heß (1978) - die geschindigkeitsdynamik von sprintern im 100m-lauf beir wettkampflaufen in olympiazyklus 1973/76*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ray, Eugen (GDR) (1957)	time			3.95			6.64		8.47		10.30	10.30	/ 1			
reaction time	interval						2.69		1.83		1.83		# of strides	3.95	2.69	
	velocity			7.59			11.15		10.93		10.93	9.71		7.59	11.15	

1976 Olympic Games (Montreal, CAN)

FINAL date 24-Jul-76 wind 0.0 m/s *Feng (1986) - Zheng Chen, analysis of the speed, pace, step frequency and amplitude of the 100-meter run*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Crawford, Hasely (TTO) (1950)	time			3.73			6.44		8.24		10.06	10.06	1 / 1			
reaction time	interval						2.71		1.80		1.82	**PB**	# of strides	3.73	2.71	
	velocity			8.04			11.07		11.11		10.99	9.94	45.2	8.04	11.07	
Quarrie, Don (JAM) (1951)	time			3.79			6.49		8.28		10.07	10.07	4 / 2			
reaction time	interval						2.70		1.79		1.79	**PB**	# of strides	3.79	2.70	
	velocity			7.92			11.11		11.17		11.17	9.93	47.0	7.92	11.11	
Borzov, Valeriy (URS) (1949)	time			3.88			6.61		8.33		10.14	10.14	3 / 3			
reaction time	interval						2.73		1.72		1.81		# of strides	3.88	2.73	
	velocity			7.73			10.99		11.63		11.05	9.86	45.5	7.73	10.99	
Glance, Harvey (USA) (1957)	time			3.85			6.54		8.31		10.19	10.19	5 / 4			
reaction time	interval						2.69		1.77		1.88		# of strides	3.85	2.69	
	velocity			7.79			11.15		11.30		10.64	9.81	49.0	7.79	11.15	
Abrahams, Guy (PAN) (1953)	time			3.81			6.57		8.43		10.25	10.25	8 / 5			
reaction time	interval						2.76		1.86		1.82	**PB**	# of strides	3.81	2.76	
	velocity			7.87			10.87		10.75		10.99	9.76	47.7	7.87	10.87	
Jones, Johnny (USA) (1958)	time			3.83			6.58		8.39		10.27	10.27	6 / 6			
reaction time	interval						2.75		1.81		1.88		# of strides	3.83	2.75	
	velocity			7.83			10.91		11.05		10.64	9.74	44.0	7.83	10.91	
Kurrat, Klaus-Dieter (GDR) (1955)	time			3.76			6.56		8.43		10.31	10.31	7 / 7			
reaction time	interval						2.80		1.87		1.88		# of strides	3.76	2.80	
	velocity			7.98			10.71		10.70		10.64	9.70	48.5	7.98	10.71	
Petrov, Petar (BUL) (1955)	no information available											10.35	2 / 8	# of strides		46.0

1976 East German Olympic Qualifier (Karl-Marx-Stadt, GDR)

FINAL date 29-May-76 wind 1.9 m/s *Heß (1978) - die geschindigkeitsdynamik von sprintern im 100m-lauf beir wettkampflaufen in olympiazyklus 1973/76*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Weise, Eberhard (GDR) (1953)	time			3.98			6.76		8.58		10.42	10.42	/ 3			
reaction time	interval						2.78		1.82		1.84	**PB**	# of strides	3.98	2.78	
	velocity			7.54			10.79		10.99		10.87	9.60		7.54	10.79	

1976 East German National Indoor Championships (East Berlin, GDR)

Heß (1978) - die geschindigkeitsdynamik von sprintern im 100m-lauf beir wettkampflaufen

FINAL date 25-Jan-76 *Tepper (1978) - Analyse der trainingsgestaltung und leistungsentwicklung in den sprintdisziplinen der M und F*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ray, Eugen (GDR) (1957)	time			3.90			6.60		8.37		10.16	10.16	/ 1			*Tepper (1978)*
reaction time	interval						2.70		1.77		1.79	**WJBi**	# of strides	3.90	2.70	
	velocity			7.69			11.11		11.30		11.17	9.84		7.69	11.11	
Kurrat, Klaus-Dieter (GDR) (1955)	time			3.94			6.70		8.54		10.41	10.41	/ 2			*Heß (1978)*
reaction time	interval						2.76		1.84		1.87		# of strides	3.94	2.76	
	velocity			7.61			10.87		10.87		10.70	9.61		7.61	10.87	

1975 Olympischer Tag (East Berlin, GDR)

A FINAL date 11-May-75 wind 2.2 m/s *Heß (1978) - die geschindigkeitsdynamik von sprintern im 100m-lauf beir wettkampflaufen in olympiazyklus 1973/76*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ray, Eugen (GDR) (1957)	time			3.94			6.70		8.55		10.43	10.43	/ 1			
reaction time	interval						2.76		1.85		1.88		# of strides	3.94	2.76	
	velocity			7.61			10.87		10.81		10.64	9.59		7.61	10.87	

1972 Olympic Games (München, FRG)

Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints

FINAL date 01-Sep-72 wind 0.3 m/s *Breizer (1984) - sprint competition analysis*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Borzov, Valeriy (URS) (1949)	time	1.91	2.95	3.91	4.82	5.72	6.58	7.46	8.35	9.24	10.14	10.14	2 / 1			*Moravec (1986)*
reaction time	interval		1.04	0.96	0.91	0.90	0.86	0.88	0.89	0.89	0.90		# of strides	3.91	2.67	2.66
	velocity	5.24	9.62	10.42	10.99	11.11	11.63	11.36	11.24	11.24	11.11	9.86	46.5	7.67	11.24	11.28
Taylor, Robert (USA) (1948)	time			3.96			6.63		8.39		10.24	10.24	4 / 2			
reaction time	interval						2.67		1.76		1.85		# of strides	3.96	2.67	
	velocity			7.58			11.24		11.36		10.81	9.77	45.5	7.58	11.24	

WR=World Rec. AR=Area Rec. OR=Olympic Rec. CR=Championship Rec. NR=National Rec. PB=Personal Best DQ=Disqualified DV=Drug Violation

Miller, Lennox (JAM) (1946)	time	4.01		6.67	8.48	10.33	10.33	5 /3			
reaction time	interval			2.66	1.81	1.85		# of strides	4.01	2.66	
	velocity	7.48		11.28	11.05	10.81	9.68	46.5	7.48	11.28	
Kornelyuk, Aleksandr (URS) (1950	time	3.88		6.61	8.43	10.35	10.36	6 / 4			
reaction time	interval			2.73	1.82	1.92		# of strides	3.88	2.73	
	velocity	7.73		10.99	10.99	10.42	9.65	50.0	7.73	10.99	
Fray, Mike (JAM) (1947)	time	3.98		6.73	8.53	10.40	10.40	8 / 5			
reaction time	interval			2.75	1.80	1.87		# of strides	3.98	2.75	
	velocity	7.54		10.91	11.11	10.70	9.62	46.0	7.54	10.91	
Hirscht, Jobst (FRG) (1948)	time	3.94		6.67	8.50	10.40	10.40	7 / 6			
reaction time	interval			2.73	1.83	1.90		# of strides	3.94	2.73	
	velocity	7.61		10.99	10.93	10.53	9.62	49.5	7.61	10.99	
Nowosz, Zenon (POL) (1944)	time	3.96		6.73	8.55	10.45	10.46	1 / 7			
reaction time	interval			2.77	1.82	1.90		# of strides	3.96	2.77	
	velocity	7.58		10.83	10.99	10.53	9.56	47.0	7.58	10.83	
Crawford, Hasely (TTO) (1950)	no information available						dnf	3 / --			

1968 Olympic Games (Mexico City, MEX) (Altitude)

FINAL date 14-Oct-68 wind 0.3 m/s

Tepper (1978) - Analyse der trainingsgestaltung und leistungsentwicklung in den sprintdisziplinen der M und F

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hines, Jim (USA) (1946)	time			3.84			6.48		8.20		9.95	9.95	3 / 1			
reaction time	interval						2.64		1.72		1.75	WR	# of strides	3.84	2.64	
	velocity			7.81			11.36		11.63		11.43	10.05	45.0	7.81	11.36	
Miller, Lennox (JAM) (1946)	no information available											10.04	4 / 2	# of strides		47.0
Greene, Charlie (USA) (1944)	no information available											10.07	1 / 3	# of strides		49.0
Montes, Pablo (CUB) (1945)	no information available											10.14	2 / 4	# of strides		46.5
Bambuck, Roger (FRA) (1945)	no information available											10.15	5 / 5	# of strides		48.5
Pender, Mel (USA) (1937)	no information available											10.17	6 / 6	# of strides		46.5
Jerome, Harry (CAN) (1940)	no information available											10.20	7 / 7	# of strides		49.0
Ravelomanantsoa, Jean-Louis (MAD) (1943)	no information available											10.27	8 / 8	# of strides		47.2

1964 Olympic Games (Tokyo, JPN)

FINAL date 15-Oct-64 wind 1.1 m/s

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hayes, Bob (USA) (1942)	no information available								(10.06)	=WR	10.0	1 / 1	# of strides		47.0
Figuerola, Enrique (CUB) (1938)	no information available								(10.25)		10.2	3 / 2	# of strides		49.0
Jerome, Harry (CAN) (1940)	no information available								(10.27)		10.2	5 / 3	# of strides		51.0
Maniak, Wiesław (POL) (1938)	no information available								(10.42)		10.4	6 / 4	# of strides		50.7
Schumann, Heinz (EUA/FRG) (1936)	no information available								(10.46)		10.4	2 / 5	# of strides		48.5
Koné, Gaoussou (CIV) (1944)	no information available								(10.47)		10.4	4 / 6	# of strides		46.2
Pender, Mel (USA) (1937)	no information available								(10.47)		10.4	8 / 6	# of strides		49.7
Robinson, Tom (BAH) (1938)	no information available								(10.57)		10.5	7 / 8	# of strides		46.2

1960 Olympic Games (Rome, ITA)

FINAL date 01-Sep-60 wind 0.0 m/s

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hary, Armin (EUA/FRG) (1937)	no information available								(10.32)	=OR	10.2	6 / 1	# of strides		46.0
Sime, Dave (USA) (1936)	no information available								(10.35)	=OR	10.2	1 / 2	# of strides		44.0
Radford, Peter (GBR) (1939)	no information available								(10.42)		10.3	5 / 3	# of strides		46.0
Figuerola, Enrique (CUB) (1938)	no information available								(10.44)		10.3	4 / 4	# of strides		48.0
Budd, Frank (USA) (1939)	no information available								(10.46)		10.3	2 / 5	# of strides		44.7
Norton, Ray (USA) (1937)	no information available								(10.50)		10.4	3 / 6	# of strides		48.7

1959 San Jose University Meeting (San Jose, CA)

FINAL date 18-Apr-59 wind 1.3 m/s

Hymans (2015) - progression of IAAF world records

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Norton, Ray (USA) (1937)	time					5.6					10.1	10.1	/ 1			
reaction time	interval										4.5	WR	# of strides			
	velocity					8.93					11.11	9.90				

1956 Olympic Games (Melbourne, AUS)

FINAL date 24-Nov-56 wind -5.0 m/s

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Morrow, Bobby (USA) (1935)	no information available								(10.62)		10.5	6 / 1	# of strides		49.5
Baker, Thane (USA) (1931)	no information available								(10.77)		10.5	5 / 2	# of strides		49.5
Hogan, Hector (AUS) (1931)	no information available								(10.77)		10.6	8 / 3	# of strides		48.0
Murchison, Ira (USA) (1933)	no information available								(10.79)		10.6	3 / 4	# of strides		54.0
Germar, Manfred (EUA/FRG) (1935)	no information available								(10.86)		10.7	7 / 5	# of strides		48.7

Agostini, Michael (TTO) (1935)	no information available								(10.88)		10.7	4 / 6	# of strides	50.5		

1952 Olympic Games (Helsinki, FIN)

FINAL date 21-Jul-52 wind *Unknown*

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Remigino, Lindy (USA) (1931)	no information available								(10.79)		10.4	4 / 1	# of strides		50.0
McKenley, Herb (JAM) (1922)	no information available								(10.80)		10.4	3 / 2	# of strides		48.7
Bailey, McDonald (GBR) (1920)	no information available								(10.83)		10.4	6 / 3	# of strides		47.5
Smith, Dean (USA) (1932)	no information available								(10.84)		10.4	5 / 4	# of strides		48.0
Sukharev, Vladimir (URS) (1924)	no information available								(10.88)		10.5	2 / 5	# of strides		47.0
Treloar, John (AUS) (1928)	no information available								(10.91)		10.5	7 / 6	# of strides		46.7

1948 Olympic Games (London, GBR)

FINAL date 31-Jul-48 wind 1.6 m/s

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Dillard, Harrison (USA) (1923)	no information available									=OR	10.3	7 / 1	# of strides		47.5
Ewell, Barney (USA) (1918)	no information available										10.4	3 / 2	# of strides		49.2
LaBeach, Lloyd (PAN) (1922)	no information available										10.6	4 / 3	# of strides		46.0
McCorquodale, Alastair (GBR) (1925)	no information available											5 / 4	# of strides		46.5
Patton, Mel (USA) (1924)	no information available											2 / 5	# of strides		47.7
Bailey, McDonald (GBR) (1920)	no information available											6 / 6	# of strides		47.5

1941 Compton Invitational (Compton, CA)

Heat ??? date 06-Jun-41 wind -0.9 m/s

Quercentani (2000). Athletics: A history of modern track and field athletics (1860-2000)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Davis, Harold (USA) (1921)	time					5.7					10.2	10.2	/ 1			
reaction time	interval										4.5	=WR	# of strides			
	velocity					8.77					11.11	9.80				

1936 Olympic Games (Berlin, GER)

FINAL date 03-Aug-36 wind 2.7 m/s

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Owens, Jesse (USA) (1913)	no information available									OR	10.3	2 / 1	# of strides		48.7
Metcalfe, Ralph (USA) (1910)	no information available										10.4	7 / 2	# of strides		48.2
Osendarp, Martinus (NED) (1916)	no information available										10.5	5 / 3	# of strides		49.5
Wykoff, Frank (USA) (1909)	no information available										10.6	6 / 4	# of strides		51.0
Borchmeyer, Erich (GER) (1905)	no information available										10.7	4 / 5	# of strides		47.2
Strandberg, Lennart (SWE) (1915)	no information available										10.9	3 / 6			

1932 Olympic Games (Los Angeles, CA)

FINAL date 01-Aug-32 wind 0.2 - 0.4 m/s

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tolan, Eddie (USA) (1908)	no information available								(10.38)	=WR	10.3	7 / 1	# of strides		53.0
Metcalfe, Ralph (USA) (1910)	no information available								(10.38)	=WR	10.3	4 / 2	# of strides		48.0
Jonath, Arthur (GER) (1909)	no information available								(10.50)		10.4	6 / 3	# of strides		48.0
Simpson, George (USA) (1908)	no information available								(10.53)		10.5	5 / 4	# of strides		47.0
Joubert, Daniel (RSA) (1909)	no information available								(10.59)		10.6	3 / 5	# of strides		47.0
Yoshioka, Takayoshi (JPN) (1909)	no information available								(10.78)		10.7	2 / 6	# of strides		52.0

1928 Olympic Games (Amsterdam, NED)

FINAL date 30-Jul-28 wind

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Williams, Percy (CAN) (1908)	no information available										10.8	4 / 1	# of strides		47.5
London, Jack (GBR) (1905)	no information available										10.9e	5 / 2	# of strides		45.7
Lammers, Georg (GER) (1905)	no information available										10.9e	3 / 3	# of strides		49.0
Wykoff, Frank (USA) (1909)	no information available										11.0e	7 / 4	# of strides		49.2
Legg, Wilfred (RSA) (1906)	no information available										11.0e	2 / 5	# of strides		48.0
McAllister, Robert (USA) (1899)	no information available										11.0e	6 / 6	# of strides		50.0

1924 Olympic Games (Paris, FRA)

FINAL date 07-Jul-24 wind

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Abrahams, Harold (GBR) (1899)	no information available									=OR	10.6	4 / 1			
Scholz, Jackson (USA) (1897)	no information available										10.7e	2 / 2			
Porritt, Arthur (NZL) (1900)	no information available										10.8e	6 / 3			
Bowman, Chester (USA) (1901)	no information available										10.9e	5 / 4			
Paddock, Charles (USA) (1900)	no information available										10.9e	1 / 5			
Murchison, Loren (USA) (1898)	no information available										11.0e	3 / 6			

1920 Olympic Games (Antwerp, BEL)

FINAL date 16-Aug-20 wind

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Paddock, Charles (USA) (1900)	no information available										10.8	3 / 1	# of strides		48.5
Kirksey, Morris (USA) (1895)	no information available										10.8	1 / 2	# of strides		48.5

Edward, Harry (GBR) (1898)	no information available										10.9e	6 / 3	# of strides	47.0				
Scholz, Jackson (USA) (1897)	no information available										10.9e	5 / 4	# of strides	50.0				
Ali Kahn, Émile (FRA) (1902)	no information available										11.1e	4 / 5	# of strides	48.0				
Murchison, Loren (USA) (1898)	no information available										11.2e	2 / 6	# of strides	51.0				

1912 Olympic Games (Stockholm, SWE)

FINAL date 07-Jul-12 wind

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Craig, Ralph (USA) (1889)	no information available										10.8	2 / 1			
Meyer, Alvah (USA) (1888)	no information available										10.9	1 / 2			
Lippincott, David (USA) (1893)	no information available										10.9	4 / 3			
Patching, George (RSA) (1886)	no information available										10.9e	3 / 4			
Beloit, Frank (USA) (1883)	no information available										10.9e	5 / 5			

1908 Olympic Games (London, GBR) *(587y Track)*

FINAL date 22-Jul-08 wind

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Walker, Reggie (RSA) (1889)	no information available									OR	10.8/10.7e	1 / 1			
Rector, James (USA) (1884)	no information available										10.8e	2 / 2			
Kerr, Robert (CAN) (1882)	no information available										10.8e	4 / 3			
Cartmell, Nate (USA) (1883)	no information available										11.0e	3 / 4			

1906 Intercalated Games (Athens, GRE)

FINAL date 27-Apr-06 wind

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hahn, Archie (USA) (1880)	no information available										11.2	1 / 1			
Moulton, Fay (USA) (1876)	no information available										11.4e	3 / 2			
Barker, Nigel (AUS) (1883)	no information available										11.4e	6 / 3			
Eaton, William (USA) (1882)	no information available										11.5e	2 / 4			
Robertson, Lawson (USA) (1883)	no information available										11.5e	5 / 5			
Lindberg, Knut (SWE) (1882)	no information available										11.8e	4 / 6			

1904 Olympic Games (St. Louis, Mo)

FINAL date 03-Sep-04 wind

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hahn, Archie (USA) (1880)	no information available										11.0	/ 1			
Cartmell, Nate (USA) (1883)	no information available										11.2e	/ 2			
Hogenson, William (USA) (1884)	no information available										11.3e	/ 3			
Moulton, Fay (USA) (1876)	no information available										11.4e	/ 4			
Heckwolf, Frederick (USA) (1879)	no information available											/ 5			
Robertson, Lawson (USA) (1883)	no information available											/ 6			

1900 Olympic Games (Paris, FRA) *(500m Grass Track)*

FINAL date 14-Jul-00 wind

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jarvis, Frank (USA) (1878)	no information available										11.0	/ 1			
Tewksbury, Walter (USA) (1876)	no information available										11.1e	/ 2			
Rowley, Stan (AUS) (1876)	no information available										11.2e	/ 3			
Duffey, Arthur (USA) (1879)	no information available										dnf				

1896 Olympic Games (Athens, GRE) *(333.33m Track)*

FINAL date 10-Apr-96 wind

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Burke, Thomas (USA) (1875)	no information available										12.0	4 / 1			
Hofmann, Fritz (GER) (1871)	no information available										12.2e	5 / 2			
Szokoly, Alajos (HUN) (1871)	no information available										12.6e	2 / 3			
Lane, Frank (USA) (1874)	no information available										12.6e	1 / 4			
Halkokondilis, Alexandros (GRE) (1880)	no information available										12.6e	3 / 5			