

**Men's 100m Split Times - by athletics meeting**

LAST UPDATE: 15-Sep-24

**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
<b>Omanyala, Ferdinand (KEN) (1996)</b>	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
<b>Vleminckx, Kobe (BEL) (1998)</b>	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
<b>Hartmann, Joshua (GER) (1999)</b>	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
<b>Verherstraeten, Simon (BEL) (1996)</b>	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
<b>Campbell, Micheal (JAM) (1996)</b>	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
<b>Afrifa, Elvis (NED) (1997)</b>	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
<b>Snyders, Antoine (BEL) (1997)</b>	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
<b>Camara, Ibrahim (BEL) (2004)</b>	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
<b>Blake, Akeem (JAM) (2002)</b>	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
<b>Coleman, Christian (USA) (1996)</b>	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
<b>Kerley, Fred (USA) (1995)</b>	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
<b>Eseme, Emmanuel (CMR) (1993)</b>	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
<b>Simbine, Akani (RSA) (1993)</b>	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
<b>Sani Brown, Abdul Hakim (JPN) (1996)</b>	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
<b>Hicklin, Brandon (USA) (1999)</b>	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
<b>Watson, Rohan (JAM) (2002)</b>	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

**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
<b>Tebogo, Letsile (BOT) (2003)</b>	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

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

	velocity	5.43	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
<b>Coleman, Christian (USA) (1996)</b>	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			
	reaction time	0.141	interval	1.01	0.93	0.87	0.87	0.85	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
<b>Kerley, Fred (USA) (1995)</b>	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	0.86		# 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
<b>Blake, Ackeem (JAM) (2002)</b>	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
<b>Sani Brown, Abdul Hakim (JPN) (1996)</b>	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
<b>King, Kyree (USA) (1994)</b>	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
<b>Omanyala, Ferdinand (KEN) (1996)</b>	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
<b>Azu, Jeremiah (GBR) (2001)</b>	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
<b>Jacobs, Lamont Marcell (ITA) (1999)</b>	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
<b>Kerley, Fred (USA) (1995)</b>	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	
<b>Omanyala, Ferdinand (KEN) (1996)</b>	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	
<b>Blake, Ackeem (JAM) (2002)</b>	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	
<b>Jacobs, Lamont Marcell (ITA) (1999)</b>	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	
<b>Azu, Jeremiah (GBR) (2001)</b>	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	
<b>Austin, Pjai (USA) (2000)</b>	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	
<b>Watson, Rohan (JAM) (2002)</b>	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	
<b>Ali, Chituru (ITA) (1999)</b>	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
<b>Lyles, Noah (USA) (1997)</b>	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	

<b>Thompson, Kishane (JAM) (2001)</b>	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	
<b>Kerley, Fred (USA) (1995)</b>	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	
<b>Simbine, Akani (RSA) (1993)</b>	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	
<b>Jacobs, Lamont Marcell (ITA) (199)</b>	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	
<b>Tebogo, Letsile (BOT) (2003)</b>	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	0.85	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	
<b>Bednarek, Kenneth (USA) (1998)</b>	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	
<b>Seville, Oblique (JAM) (2001)</b>	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	
<b>Thompson, Kishane (JAM) (2001)</b>	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	
<b>Kerley, Fred (USA) (1995)</b>	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	0.87	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	
<b>Richardson, Benjamin (RSA) (200)</b>	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	
<b>Sani Brown, Abdul Hakim (JPN) (1)</b>	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	
<b>de Grasse, Andre (CAN) (2000)</b>	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	
<b>Hughes, Zharnel (GBR) (1995)</b>	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	0.87	0.88	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	
<b>Saminu, Abdul-Rasheed (GHA) (1)</b>	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	0.86	0.85	0.92	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	
<b>Omanyala, Ferdinand (KEN) (1996)</b>	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	0.91	0.93	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	
<b>Bunson, Phooripol (THA) (2006)</b>	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	0.88	0.89	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
<b>Simbine, Akani (RSA) (1993)</b>	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
<b>Tebogo, Letsile (BOT) (2003)</b>	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	0.84	0.87	0.85	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
<b>Jacobs, Lamont Marcell (ITA) (199)</b>	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
<b>Bednarek, Kenneth (USA) (1998)</b>	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
<b>Blake, Ackeem (JAM) (2002)</b>	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
<b>Ajayi, Kayinsola (NGR) (2004)</b>	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
<b>Hartmann, Joshua (GER) (1999)</b>	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
<b>Matadi, Emmanuel (LBR) (1991)</b>	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	11.11	9.82	45.0	7.61	11.19	11.28	
<b>Espinosa, Reynaldo R. (CUB) (200)</b>	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	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
<b>Seville, Oblique (JAM) (2001)</b>	time	1.87	2.90	3.83	4.71	5.55	6.40	7.24	8.09	8.94	9.81	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	<b>PB</b>	# 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
<b>Lyles, Noah (USA) (1997)</b>	time	1.92	2.97	3.90	4.79	5.64	6.48	7.32	8.16	9.00	9.83	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	12.05	10.17	44.2	7.69	11.63	11.90	
<b>Hinchliffe, Louie (GBR) (2002)</b>	time	1.91	2.99	3.94	4.83	5.70	6.55	7.40	8.25	9.13	9.97	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
<b>Eseme, Emmanuel (CMR) (1993)</b>	time	1.96	3.03	3.97	4.87	5.73	6.58	7.45	8.29	9.14	10.00	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
<b>Maswanganyi, Shaun (RSA) (2001)</b>	time	1.90	2.94	3.88	4.77	5.65	6.51	7.39	8.26	9.14	10.02	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
<b>Ashe, Favour (NGR) (2002)</b>	time	1.87	2.94	3.87	4.76	5.65	6.51	7.39	8.27	9.17	10.08	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
<b>Ali, Chituru (ITA) (1999)</b>	time	1.92	2.99	3.95	4.85	5.73	6.61	7.48	8.36	9.25	10.14	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
<b>Brathwaite, Rikoi (IVB) (1999)</b>	time	1.86	2.94	3.91	4.81	5.70	6.57	7.45	8.34	9.24	10.15	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
<b>Azamati, Benjamin (GHA) (1998)</b>	time	1.89	2.95	3.92	4.83	5.72	6.60	7.48	8.37	9.26	10.17	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
<b>Kerley, Fred (USA) (1995)</b>	time	1.88	2.93	3.87	4.77	5.65	6.51	7.38	8.24	9.08	9.97	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
<b>Tebogo, Letsile (BOT) (2003)</b>	time	1.90	2.95	3.88	4.77	5.64	6.49	7.36	8.23	9.09	10.01	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
<b>Hughes, Zharnel (GBR) (1995)</b>	time	1.94	3.00	3.92	4.81	5.68	6.53	7.40	8.26	9.13	10.03	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
<b>Greene, Cejhae (ANT) (1995)</b>	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
<b>Borzor, Christopher (HAI) (1999)</b>	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
<b>Cissé, Arthur (CIV) (1996)</b>	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
<b>Mulamba, Dominique Lasconi (CC)</b>	time	1.98	3.06	4.02	4.96	5.88	6.79	7.70	8.62	9.56	10.53	10.53	8 / <del>7</del>			
	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
<b>Keletela, Dorian Rostan (ART) (19)</b>	time	1.91	2.99	3.96	4.89	5.82	6.73	7.66	8.60	9.56	10.58	10.58	9 / <del>8</del> 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
<b>Bednarek, Kenneth (USA) (1998)</b>	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
<b>Eseme, Emmanuel (CMR) (1993)</b>	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
<b>de Grasse, Andre (CAN) (2000)</b>	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
<b>Matadi, Emmanuel (LBR) (1991)</b>	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
<b>Sakai, Ryuichiro (JPN) (1998)</b>	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
<b>Bibi, Noah (MRI) (2000)</b>	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
<b>Longa, Ronal (COL) (2004)</b>	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
<b>González, José (DOM) (1995)</b>	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
<b>Yaseen, Taha Hussein (IRQ) (1998)</b>	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

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		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Simbine, Akani (RSA) (1993)</b>	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
<b>Blake, Ackeem (JAM) (2002)</b>	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
<b>Brathwaite, Rikkoi (IVB) (1999)</b>	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
<b>Camara, Ebrahima (GAM) (1996)</b>	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

<b>McCoy, Wanya (RAH) (2003)</b>	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
<b>Browning, Rohan (AUS) (1997)</b>	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
<b>Hansen, Simon (DEN) (1998)</b>	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
<b>Archibald, Emanuel (GUY) (1994)</b>	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
<b>Maaroufou, Hachim (COM) (1997)</b>	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

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		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Ajayi, Kayinsola (NGR) (2004)</b>	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	0.88	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
<b>Jacobs, Lamont Marcell (ITA) (199)</b>	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	0.90	# 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
<b>Saminu, Abdul-Rasheed (GHA) (1)</b>	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	0.88	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
<b>Richardson, Benjamin (RSA) (200)</b>	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	0.88	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
<b>Taftian, Hassan (IRI) (1993)</b>	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	0.93	# 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
<b>Howell, Davonte (CAY) (2005)</b>	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	0.91	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
<b>Larsson, Henrik (SWE) (1999)</b>	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	0.89	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
<b>de Oliveira, Paulo André (BRA) (1)</b>	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	0.93	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

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		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Seville, Oblique (JAM) (2001)</b>	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	0.88	# 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
<b>Sani Brown, Abdul Hakim (JPN) (1)</b>	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	# 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
<b>Bunson, Phooripol (THA) (2006)</b>	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	0.89	# 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
<b>Ashe, Favour (NGR) (2002)</b>	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	0.94	# 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
<b>Asemota, Duan (CAN) (1996)</b>	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	0.88	# 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

<b>Jones, Terrence (BAH) (2002)</b>	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
<b>Santos, Marcos (ANG) (2004)</b>	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	<b>PB</b>	# 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
<b>Burraj, Franko (ALB) (1998)</b>	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
<b>Wdowik, Oliwer (POL) (2002)</b>	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		
<b>Hinchliffe, Louie (GBR) (2002)</b>	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	0.86	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	11.63	11.63	10.02	47.0	7.59	11.54	11.67		
<b>Lyles, Noah (USA) (1997)</b>	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	0.88	# of strides	3.94	2.62	2.60			
		velocity		5.15	9.43	10.64	11.24	11.49	11.63	11.49	11.36	9.96	45.0	7.61	11.45	11.54		
<b>Maswanganyi, Shaun (RSA) (2001)</b>	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	0.86	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	9.94	42.2	7.73	11.49	11.24		
<b>Xie Zhenye (CHN) (1993)</b>	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	# 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
<b>Ansah, Owen (GER) (2000)</b>	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	# 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
<b>Al-Balushi, Ali Anwar (OMA) (2002)</b>	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	# 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
<b>Harris, Naquille (SKN) (2002)</b>	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	# 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
<b>Fuchs, Markus (AUT) (1995)</b>	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	0.96	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
<b>Sicobo, Dyland (SEY) (1997)</b>	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	# 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		
<b>Omanyala, Ferdinand (KEN) (1996)</b>	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	# 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
<b>Ali, Chituru (ITA) (1999)</b>	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	# 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
<b>Hartmann, Joshua (GER) (1999)</b>	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	# 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
<b>Azzopardi, Joshua (AUS) (1999)</b>	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	0.90	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
<b>Augustine, Devin (TTO) (2003)</b>	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	0.91	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
<b>Cardoso, Erik (BRA) (2000)</b>	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	
<b>Deliser, Arturo (PAN) (1997)</b>	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	
<b>Rentería, Johnny (COL) (1997)</b>	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	
<b>Fahmi, Muhd Azeem (MAS) (2004)</b>	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	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
<b>Thompson, Kishane (JAM) (2001)</b>	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		
<b>Azamati, Benjamin (GHA) (1998)</b>	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		
<b>Espinosa, Reynaldo R. (CUB) (200)</b>	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		
<b>Bardi, Felipe (BRA) (1998)</b>	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		
<b>Higashida, Akihiro (JPN) (1995)</b>	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		
<b>Zohri, Lalu Muhammad (INA) (200)</b>	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		
<b>Özer, Kayhan (TUR) (1998)</b>	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		
<b>Matsenjwa, Sibusiso (SWZ) (1988)</b>	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
<b>Deliser, Arturo (PAN) (1997)</b>	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		
<b>Sicobo, Dyland (SEY) (1997)</b>	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		
<b>Hoye Yenda Moukou, Frank (GAB)</b>	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		
<b>Lisse, Jalen (SUR) (2000)</b>	0.138	no information available											10.64	7 / 4	# of strides		48.0
<b>Grillo, Beppo (MLT) (2003)</b>	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		
<b>Rahman, Imran (BAN) (1993)</b>	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		
<b>Tewa, Waisake (FIJ) (2003)</b>	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		



<b>Idris, Muhd Noor Firdaus (BRU)</b> (r 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
<b>Harris, Naquille (SKN)</b> (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
<b>Zohri, Lalu Muhammad (INA)</b> (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
<b>Mulamba, Dominique Lasconi (CC)</b> time	1.98	3.07	4.06	5.00	5.92	6.83	7.74	8.66	9.58	10.54	10.54	5 / <del>3</del>			
reaction time 0.158 interval		1.09	0.99	0.94	0.92	0.91	0.91	0.92	0.92	0.96	<b>DV</b>	# 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
<b>Sissoko, Fode (MLI)</b> (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 / <del>4</del> 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
<b>Green, Joseph (GUM)</b> (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 / <del>5</del> 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
<b>Kakiouea, Winzar (NRU)</b> (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 / <del>6</del> 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
<b>Santander Villarubia, Remigio (GE)</b> time	2.10	3.28	4.34	5.36	6.37	7.39	8.42	9.48	10.55	11.65	11.65	9 / <del>7</del> 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	69.1	9.84	9.49	
<b>Fukofuka, Maleselo (TGA)</b> (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 / <del>8</del> 7			
reaction time 0.155 interval		1.20	1.10	1.09	1.08	1.06	1.09	1.10	1.11	1.13	<b>PB</b>	# 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	67.4	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
<b>Borzor, Christopher (HAI)</b> (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
<b>Santos, Marcos (ANG)</b> (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	<b>NR PB</b>	# 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
<b>Maaroufou, Hachim (COM)</b> (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
<b>Yaseen, Taha Hussein (IRQ)</b> (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
<b>Adam, Ibadulla (MDV)</b> (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	<b>PB</b>	# 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
<b>Gill, Shuan (BIZ)</b> (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
<b>Fiti, Scott James (FSM)</b> (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	70.9	9.80	9.38	
<b>Essabai, Ahmed (LBA)</b> (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	66.4	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
<b>Bibi, Noah (MRI)</b> (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



<b>Reed, William (MHL) (2005)</b>	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	<b>PB</b>	# of strides	4.22	2.96	3.05	
		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
<b>Maibuca, Karalo Hepoiteloto (TUV)</b>	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	<b>NR PB</b>	# 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	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
<b>Warner, Damian (CAN) (1989)</b>	0.143		no information available										10.25	9 / 1	# of strides	45.0	
<b>Owens-Delorme, Ayden (PUR) (2019)</b>	0.143		no information available										10.35	2 / 2	# of strides	44.0	
<b>Steinforth, Till (GER) (2002)</b>	0.121		no information available										10.52	7 / 3	# of strides	45.0	
<b>Roosen, Sven (NED) (2001)</b>	0.138		no information available										10.52	6 / 4	# of strides	46.5	
<b>Moloney, Ashley (AUS) (2000)</b>	0.153		no information available										10.56	5 / 5	# of strides	43.2	
<b>Victor, Lindon (GRN) (1993)</b>	0.158		no information available										10.56	3 / 6	# of strides	45.0	
<b>Mullings, Ken (BAH) (1997)</b>	0.160		no information available										10.60	8 / 7	# of strides	45.0	
<b>Ziemek, Zachery (USA) (1993)</b>	0.145		no information available										10.60	4 / 8	# of strides	44.0	

**Decathlon - Heat 2**

		date	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
<b>Williams, Harrison (USA) (1996)</b>	0.175		no information available										10.62	5 / 1	# of strides	41.5	
<b>Ern, Johannes (EST) (1998)</b>	0.202		no information available										10.64	3 / 2	# of strides	43.2	
<b>Taam, Rik (NED) (1997)</b>	0.137		no information available										10.64	7 / 3	# of strides	47.5	
<b>Ferreira Santana, José (BRA) (1991)</b>	0.146		no information available										10.66	6 / 4	# of strides	45.2	
<b>Neugebauer, Leo (GER) (2000)</b>	0.158		no information available										10.67	2 / 5	# of strides	44.5	
<b>Gletty, Markenson (FRA) (1999)</b>	0.159		no information available										10.72	4 / 6	# of strides	44.0	
<b>Baldwin, Heath (USA) (2001)</b>	0.111		no information available										10.91	8 / 7	# of strides	45.0	

**Decathlon - Heat 1**

		date	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
<b>Rooth, Markus (NOR) (2001)</b>	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	<b>PB</b>	# 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
<b>Skotheim, Sander (NOR) (2002)</b>	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
<b>Urena, Jorge (ESP) (1993)</b>	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
<b>Öiglane, Janek (EST) (1994)</b>	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	<b>=PB</b>	# 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
<b>Tilga, Karel (EST) (1998)</b>	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
<b>Golubovic, Daniel (AUS) (1993)</b>	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
<b>Kaul, Niklas (GER) (1998)</b>	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	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
<b>Lyles, Noah (USA) (1997)</b>	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	<b>PB</b>	# 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
<b>Simbine, Akani (RSA) (1993)</b>	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
<b>Tebogo, Letsile (BOT) (2003)</b>	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	<b>=NR =PB</b>	# 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
<b>Hinchliffe, Louie (GBR) (2002)</b>	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
<b>Blake, Ackeem (JAM) (2002)</b>	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
<b>Hughes, Zharnel (GBR) (1995)</b>	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
<b>Azu, Jeremiah (GBR) (2001)</b>	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
<b>Blake, Yohan (JAM) (1989)</b>	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
<b>Amo-Dadzie, Eugene (GBR) (1992)</b>	time	1.90	2.95	3.90	4.80	5.68	6.55	7.42	8.31	9.20	10.12	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		
<b>Prescod, Reece (GBR) (1996)</b>	time	1.95	3.03	3.99	4.90	5.79	6.65	7.52	8.38	9.25	10.14	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		
<b>Ujah, Chijindu (GBR) (1994)</b>	time	1.90	2.96	3.90	4.80	5.68	6.55	7.43	8.31	9.22	10.14	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		
<b>Edoburun, Ojie (GBR) (1996)</b>	time	1.97	3.03	3.99	4.89	5.77	6.63	7.51	8.39	9.28	10.18	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		
<b>Vermont, Dylan (FRA) (1999)</b>	time	1.97	3.06	4.02	4.94	5.83	6.71	7.59	8.49	9.39	10.31	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		
<b>Morgan-Harrison, David (GBR) (2012)</b>	time	1.93	3.00	3.97	4.88	5.79	6.68	7.58	8.50	9.42	10.36	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		
<b>Quainoo, Jeriel (GBR) (2003)</b>	time	1.97	3.05	4.02	4.95	5.85	6.75	7.64	8.56	9.48	10.42	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		
<b>Adigida, Onyema (NED) (2000)</b>	time	1.99	3.09	4.07	5.00	5.91	6.80	7.69	8.59	9.50	10.43	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
<b>Ekpo, Nsikak (NED) (2003)</b>	time	1.93	3.04	4.03	4.97	5.90	6.83	7.75	8.65	9.58	10.49	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		
<b>Spiering, Timo (NED) (2004)</b>	time	1.94	3.07	4.03	4.97	5.89	6.83	7.75	8.67	9.60	10.52	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		
<b>Huting, Thijmen (NED) (2005)</b>	time	1.95	3.04	4.03	4.98	5.91	6.84	7.77	8.72	9.67	10.62	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		# 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 USA Olympic Trials (Eugene, OR)

## FINAL

	date	23-Jun-24	wind	0.4 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
<b>Lyles, Noah (USA) (1997)</b>			no information available										=PB	9.83	7 / 1	# of strides	44.2
<b>Bednarek, Kenneth (USA) (1998)</b>			no information available										PB	9.87	6 / 2	# of strides	44.5
<b>Kerley, Fred (USA) (1995)</b>			no information available											9.88	8 / 3	# of strides	43.2
<b>Coleman, Christian (USA) (1996)</b>			no information available											9.93	4 / 4	# of strides	47.0
<b>Miller, Christian (USA) (2006)</b>			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 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										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										10.18	2 / 6	# of strides		47.0
Hansen, Simon (DEN) (1998)	0.133	no information available										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	0.89	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) (1994)	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	0.91	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	0.85	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	0.88	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	0.91	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		1.07	0.99	0.95	0.95	0.93	0.96	0.95	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
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		1.08	1.00	0.96	0.94	0.93	0.95	0.96	0.98		# 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

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		1.03	0.92	0.88	0.87	0.85	0.86	0.88	0.90		# 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
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		1.05	0.94	0.88	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
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		1.06	0.95	0.89	0.88	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
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		1.03	0.93	0.90	0.88	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
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		1.05	0.94	0.91	0.88	0.87	0.87	0.89	0.88	<b>PB</b>	# 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
Brathwaite, Rikoi (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		1.05	0.94	0.91	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
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		1.05	0.96	0.91	0.88	0.87	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
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		1.05	0.96	0.90	0.89	0.88	0.89	0.91	0.93		# 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
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		1.07	0.97	0.93	0.90	0.89	0.90	0.90	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

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
枝木 蓮	time			4.08			6.87			9.65	10.62	10.62	4 / 1			
	reaction time						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
石原 由章	time			4.05			6.90			9.77	10.78	10.78	5 / 2			
	reaction time						2.85			2.87	1.01		# of strides	4.05	2.85	2.87
	velocity			7.41			10.53			10.45	9.90	9.28		49.7	7.41	10.53
井上 徹也	time			4.20			7.08			10.05	11.08	11.08	7 / 3			
	reaction time						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
野田 小獅郎	time			4.08			7.03			10.02	11.09	11.09	3 / 4			
	reaction time						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
周藤 成海	time			4.17			7.13			10.10	11.14	11.14	9 / 5			
	reaction time						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
角橋 侑斗	time			4.18			7.10			10.10	11.14	11.14	6 / 6			
	reaction time						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
須山 拓海	time			4.13			7.10			10.13	11.20	11.20	8 / 7			
	reaction time						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
time	4.22	7.27	10.40	11.52	11.52	2 / 8			
reaction time	interval	3.05	3.13	1.12	11.52	# 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 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
<b>Saleh, Tamer (LBN) (2003)</b>	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
<b>Yaseen, Taha Hussein (IRQ) (1998)</b>	0.161	no information available										10.41	8 / 2	# of strides		
<b>Al Abboodi, Fam (IRQ) (1992)</b>	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
<b>Barrow, Owaab (QAT) (2001)</b>	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
<b>Muhammad, Amir (QAT) (2004)</b>	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
<b>Coleman, Christian (USA) (1996)</b>	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
<b>Kerley, Fred (USA) (1995)</b>	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
<b>Blake, Ackeem (JAM) (2002)</b>	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
<b>Watson, Rohan (JAM) (2002)</b>	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
<b>Wada, Ryo (JPN) (2000)</b>	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
<b>Baker, Ronnie (USA) (1993)</b>	0.151	no information available										10.33	9 / 6	# of strides		
<b>Kiryu, Yoshihide (JPN) (1995)</b>	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	0.90	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
<b>Carnes, Brandon (USA) (1995)</b>	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
<b>Blake, Yohan (JAM) (1989)</b>	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
<b>Deng Xinrui (CHN) (2003)</b>	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

## 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
<b>Malone, Noah (USA) (T12)</b>	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
<b>Shaw, Zachary (GBR) (1995) (T12)</b>	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			



















	velocity	7.28	10.42	10.42	9.71	9.17	49.7	7.28	10.42	10.42
<b>金沢 惺輝</b>	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
<b>畑野 颯太</b>	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
<b>須山 拓海</b>	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
<b>梶谷 聖也</b>	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 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
<b>Taue, Shun (JPN) (1997)</b>	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
<b>Ushiro, Keisuke (JPN) (1986)</b>	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
<b>Katayama, Kazuya (JPN) (1995)</b>	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

## 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
<b>Bromell, Trayvon (USA) (1995)</b>	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		
<b>Blake, Yohan (JAM) (1989)</b>	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		
<b>Brown, Aaron (CAN) (1992)</b>	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		
<b>Simbine, Akani (RSA) (1993)</b>	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		
<b>Abeykoon, Yupun (SRI) (1994)</b>	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		
<b>Prescod, Reece (GBR) (1996)</b>	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		
<b>King, Kyree (USA) (1994)</b>	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		
<b>de Grasse, André (CAN) (1994)</b>	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 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
<b>Jacobs, Lamont Marcell (ITA) (199)</b>	0.153	no information available										=CR	9.95	6 / 1	# of strides	44.5
<b>Hughes, Zharnel (GBR) (1995)</b>	0.135	no information available											9.99	3 / 2	# of strides	46.0
<b>Azu, Jeremiah (GBR) (2001)</b>	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	<b>NR PB</b> 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
<b>Bromell, Trayvon (USA) (1995)</b>	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			
<b>Bracy, Marvin (USA) (1993)</b>	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			
<b>Blake, Ackeem (JAM) (2002)</b>	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			
<b>Coleman, Christian (USA) (1996)</b>	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			
<b>Blake, Yohan (JAM) (1989)</b>	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			
<b>Hall, Elijah (USA) (1994)</b>	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			
<b>Sani Brown, Abdul Hakim (JPN) (1993)</b>	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			
<b>Simbine, Akani (RSA) (1993)</b>	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			
<b>King, Kyree (USA) (1994)</b>	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
<b>Sekiguchi, Yuta (JPN) (2004)</b>	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			0.97		0.92		0.92		0.93	<b>PB</b>	# of strides	3.91	2.74	2.77
			velocity		5.38	9.26	10.31	10.87	10.99	10.87	10.75	10.42	9.63	48.0	7.67	10.95	10.83
<b>Tachibana, Kouei (JPN) (2004)</b>	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			0.98		0.93		0.93		0.96	<b>=PB</b>	# of strides	3.96	2.79	2.82
			velocity		5.29	9.17	10.20	10.64	10.75	10.87	10.75	10.42	9.49	48.7	7.58	10.75	10.64
<b>Ekejunia, Ruo (JPN) (2004)</b>	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			0.99		0.93		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	10.75	10.64	10.31	9.49	49.0	7.46	10.87	10.75
<b>Kojima, Takuma (JPN) (2004)</b>	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			0.98		0.93		0.93		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	10.64	10.53	9.46	50.2	7.56	10.68	10.64
<b>Kuroki, Kaito (JPN) (2005)</b>	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		0.94		0.94		0.96	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	9.37	48.5	7.52	10.64	10.45
<b>Tsurumaki, Yota (JPN) (2005)</b>	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		0.94		0.94		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	10.53	10.42	9.35	47.7	7.46	10.56	10.53
<b>Tamura, Riki (JPN) (2004)</b>	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		0.95		0.94		0.96	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	9.34	47.5	7.50	10.56	10.42

<b>Senda, Mizuki (JPN) (2004)</b>	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
<b>Omanyala, Ferdinand (KEN) (1996)</b>	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			
<b>Simbine, Akani (RSA) (1993)</b>	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			
<b>Abeykoon, Yupun (SRI) (1994)</b>	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			
<b>Azamati, Benjamin (GHA) (1998)</b>	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			
<b>Azu, Jeremiah (GBR) (2001)</b>	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			
<b>Browning, Rohan (AUS) (1997)</b>	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			
<b>Eseme, Emmanuel (CMR) (1993)</b>	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			
<b>Mitchell-Blake, Nethaneel (GBR) (1992)</b>	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			
		velocity	6.67		10.00		11.11		10.53		8.33	9.01	45.0			

**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
<b>Kerley, Fred (USA) (1995)</b>	0.119	no information available											9.86	4 / 1	# of strides	43.0
<b>Bracy, Marvin (USA) (1993)</b>	0.118	no information available											9.88	3 / 2	# of strides	48.0
<b>Bromell, Trayvon (USA) (1995)</b>	0.110	no information available											9.88	8 / 3	# of strides	47.0
<b>Seville, Oblique (JAM) (2001)</b>	0.154	no information available											9.97	6 / 4	# of strides	49.0
<b>Simbine, Akani (RSA) (1993)</b>	0.129	no information available											10.01	5 / 5	# of strides	47.5
<b>Coleman, Christian (USA) (1996)</b>	0.104	no information available											10.01	7 / 6	# of strides	47.0
<b>Sani Brown, Abdul Hakim (JPN) (1992)</b>	0.147	no information available											10.06	1 / 7	# of strides	44.0
<b>Brown, Aaron (CAN) (1992)</b>	0.155	no information available											10.07	2 / 8	# of strides	47.7

**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
<b>Simbine, Akani (RSA) (1993)</b>	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			
<b>Prescod, Reece (GBR) (1996)</b>	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			
<b>Vicaut, Jimmy (FRA) (1992)</b>	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			
<b>Abeykoon, Yupun (SRI) (1994)</b>	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			
<b>Fall, Mouhamadou (FRA) (1992)</b>	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			
<b>van Gool, Joris (NED) (1998)</b>	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	
<b>Browning, Rohan (AUS) (1997)</b>	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	
<b>Larsson, Henrik (SWE) (1999)</b>	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
<b>Azamati, Benjamin (GHA) (1998)</b>	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											
<b>Fall, Mouhamadou (FRA) (1992)</b>	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											
<b>Vicaut, Jimmy (FRA) (1992)</b>	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											
<b>Priam, Aymeric (FRA) (2000)</b>	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											
<b>Bruintjies, Henricho (RSA) (1993)</b>	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											
<b>Safo-Antwi, Sean (GHA) (1990)</b>	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											
<b>Taftian, Hassan (IRI) (1993)</b>	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											
<b>Erius, Jeff (FRA) (2004)</b>	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
<b>de Grasse, André (CAN) (1994)</b>	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										
<b>Prescod, Reece (GBR) (1996)</b>	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										
<b>Simbine, Akani (RSA) (1993)</b>	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										
<b>Azamati, Benjamin (GHA) (1998)</b>	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										
<b>Abeykoon, Yupun (SRI) (1994)</b>	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										
<b>Sani Brown, Abdul Hakim (JPN) (1994)</b>	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										
<b>Browning, Rohan (AUS) (1997)</b>	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										

<b>Edoburun, Ojie (GBR) (1996)</b>	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
<b>Kerley, Fred (USA) (1995)</b>	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								
<b>King, Kyree (USA) (1994)</b>	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								
<b>Charleston, Cravont (USA) (1998)</b>	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								
<b>Ellis, Nigel (JAM) (1997)</b>	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								
<b>Erasmus, Emile (RSA) (1992)</b>	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								
<b>Ali, Chituru (ITA) (1999)</b>	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								
<b>Rodgers, Michael (USA) (1985)</b>	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								
<b>Young, Isiah (USA) (1990)</b>	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								
<b>Ansah-Peprah, Lucas (GER) (2000)</b>	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
<b>Blake, Yohan (JAM) (1989)</b>	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								
<b>King, Kyree (USA) (1994)</b>	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								
<b>Erasmus, Emile (RSA) (1992)</b>	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								
<b>Azu, Jeremiah (GBR) (2001)</b>	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								
<b>van Gool, Joris (NED) (1998)</b>	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								
<b>Tracey, Tyquendo (JAM) (1993)</b>	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								
<b>Aikines-Aryeetey, Harry (GBR) (19)</b>	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								
<b>Ramdhan, Tommy (GBR) (1996)</b>	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	
<b>Martina, Churandy (NED) (1984)</b>	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 Championships (Akita, JPN)

### Decathlon - FINAL

date 04-Jun-02 wind 0.1 m/s *Takefu (2023) - performance analysis 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
<b>Okuda, Keisuke (JPN) (1996)</b>	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
<b>Nakamura, Akihiko (JPN) (1990)</b>	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
<b>Taue, Shun (JPN) (1997)</b>	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
<b>Ushiro, Keisuke (JPN) (1986)</b>	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
<b>Bromell, Trayvon (USA) (1995)</b>	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		
<b>Kerley, Fred (USA) (1995)</b>	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		
<b>Coleman, Christian (USA) (1996)</b>	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		
<b>Lyles, Noah (USA) (1997)</b>	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		
<b>Tebogo, Letsile (BOT) (2003)</b>	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		
<b>Knighton, Erriyon (USA) (2004)</b>	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		
<b>King, Kyree (USA) (1994)</b>	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		
<b>Bednarek, Kenneth (USA) (1998)</b>	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		
<b>de Grasse, André (CAN) (1994)</b>	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
<b>須藤 広征</b>	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
<b>田中 優二</b>	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
<b>岡本 亮太郎</b>	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
<b>藤原 琉成</b>	time	4.15	7.20	10.12	11.02	11.02	3 / 4			
	reaction time	interval	3.05	2.92	0.90	# of strides	4.15	3.05	2.92	
	velocity	7.23	9.84	10.27	11.11	9.08	51.5	7.23	9.84	10.27
<b>川端 涼太</b>	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
<b>岩崎 颯春</b>	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
<b>武永 廉</b>	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
<b>三原 陸蒼</b>	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
<b>Brown, Aaron (CAN) (1992)</b>	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			
<b>Blake, Yohan (JAM) (1989)</b>	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			
<b>Blake, Jerome (CAN) (1995)</b>	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			
<b>de Grasse, André (CAN) (1994)</b>	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			
<b>Mitchell-Blake, Nethaneel (GBR) (1993)</b>	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			
<b>Gemili, Adam (GBR) (1993)</b>	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			
<b>Prescod, Reece (GBR) (1996)</b>	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 analysis 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	
<b>Okuda, Keisuke (JPN) (1996)</b>	time				1.92		3.03		4.03		4.99		5.93	6.87	7.80	8.75	9.72	10.71	10.71
	reaction time	0.117	interval				1.11		1.00		0.96		0.94	0.94	0.93	0.95	0.97	0.99	
	velocity			5.21		9.01		10.00		10.42		10.64		10.64	10.75	10.53	10.31	10.10	9.34
<b>Nakamura, Akihiko (JPN) (1990)</b>	time				1.97		3.09		4.12		5.11		6.08	7.05	8.02	9.01	10.03	11.06	11.06
	reaction time	0.134	interval				1.12		1.03		0.99		0.97	0.97	0.99	1.02	1.03		
	velocity			5.08		8.93		9.71		10.10		10.31		10.31	10.10	10.10	9.80	9.71	9.04

## Decathlon - Heat 1

		date	30-Apr-22	wind	-0.2 m/s											Takefu (2023) - performance analysis 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	
<b>Maruyama, Yuma (JPN) (1998)</b>	time				1.98		3.13		4.16		5.15		6.12	7.08	8.04	9.01	10.00	11.01	11.01
	reaction time	0.130	interval				1.15		1.03		0.99		0.97	0.96	0.96	0.97	0.99	1.01	
	velocity			5.05		8.70		9.71		10.10		10.31		10.42	10.42	10.31	10.10	9.90	9.08
<b>Taue, Shun (JPN) (1997)</b>	time				1.95		3.09		4.13		5.13		6.11	7.09	8.07	9.07	10.09	11.14	11.14
	reaction time	0.132	interval				1.14		1.04		1.00		0.98	0.98	0.98	1.00	1.02	1.05	
	velocity			5.13		8.77		9.62		10.00		10.20		10.20	10.20	10.00	9.80	9.52	8.98
<b>Isa, Yoshinori (JPN) (1993)</b>	time				2.04		3.22		4.31		5.35		6.37	7.40	8.43	9.49	10.56	11.66	11.66

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
<b>Kerley, Fred (USA) (1995)</b>	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			
<b>de Grasse, André (CAN) (1994)</b>	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			
<b>Baker, Ronnie (USA) (1993)</b>	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			
<b>Bromell, Trayvon (USA) (1995)</b>	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			
<b>Simbine, Akani (RSA) (1993)</b>	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			
<b>Browning, Rohan (AUS) (1997)</b>	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			
<b>Norman, Michael (USA) (1997)</b>	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			
<b>Wicki, Silvan (SUI) (1995)</b>	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			
<b>Mudiyanselage, Yupun Abeykoon</b>	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
<b>Kerley, Fred (USA) (1995)</b>	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			
<b>Bromell, Trayvon (USA) (1995)</b>	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			
<b>Norman, Michael (USA) (1997)</b>	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			
<b>Omurwa, Ferdinand (KEN) (1996)</b>	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			
<b>Browning, Rohan (AUS) (1997)</b>	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			
<b>Simbine, Akani (RSA) (1993)</b>	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			
<b>Fall, Mouhamadou (FRA) (1992)</b>	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			
<b>Cissé, Arthur (CIV) (1996)</b>	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			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			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			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			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			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			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			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			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			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			6.31		7.92		9.80	9.80	3 / 1			
	reaction time	0.161					2.64		3.49		1.88	AR	# of strides	3.67	2.64	
	velocity			8.17			11.36		5.73		10.64	10.20	45.0	8.17	11.36	
Kerley, Fred (USA) (1995)	time			3.79			6.39		8.10		9.84	9.84	5 / 2			
	reaction time	0.128					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		9.90	9.90	9 / 3			
	reaction time	0.155					2.60		3.42		1.73	PB	# of strides	3.88	2.60	
	velocity			7.73			11.54		5.85		11.56	10.10	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					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					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			3.70			6.48		8.20		9.98	9.98	6 / 6			
	reaction time	0.167					2.78		3.50		1.78		# of strides	3.70	2.78	
	velocity			8.11			10.79		5.71		11.24	10.02	46.7	8.11	10.79	
Adegoke, Enoch (NGR) (2000)	time			3.84			6.56					dnf	8 / --			
	reaction time	0.157					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	<b>AR</b>	# of strides	3.73	2.56
		velocity	8.04	11.72	5.65	11.11	10.17	48.0	8.04	11.72
<b>Baker, Ronnie (USA) (1993)</b>		time	3.82	6.37	8.06	9.83	9.83	6 / 2		
reaction time	0.190	interval		2.55	3.46	1.77	<b>PB</b>	# of strides	3.82	2.55
		velocity	7.85	11.76	5.78	11.30	10.17	44.2	7.85	11.76
<b>Jacobs, Lamont Marcell (ITA) (1999)</b>		time	3.84	6.40	8.08	9.84	9.84	5 / 3		
reaction time	0.179	interval		2.56	3.44	1.76	<b>AR</b>	# of strides	3.84	2.56
		velocity	7.81	11.72	5.81	11.36	10.16	45.0	7.81	11.72
<b>Simbine, Akani (RSA) (1993)</b>		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 championships														
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Yanagita, Hiroki (JPN) (2003)</b>					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	0.90	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
<b>Inoue, Naoki (JPN) (2003)</b>					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	<b>PB</b>	# 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
<b>Atago, Rai (JPN) (2003)</b>					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	<b>PB</b>	# 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
<b>Saga, Aki (JPN) (2003)</b>					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
<b>Shikata, Makoto (JPN) (2003)</b>					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	<b>PB</b>	# 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
<b>Kuboi, So (JPN) (2003)</b>					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
<b>Terasawa, Daiti (JPN) (2003)</b>					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
<b>Mori, Yuhi (JPN) (2003)</b>					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
<b>Bromell, Trayvon (USA) (1995)</b>						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		11.11		11.90	10.02	47.2			
<b>Ujah, Chijindu (GBR) (1994)</b>						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		11.11	9.90	45.2			
<b>Hughes, Zharnel (GBR) (1995)</b>						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		11.56	9.87	46.0			
<b>de Grasse, André (CAN) (1994)</b>						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		11.56	9.87	46.0			
<b>Kerley, Fred (USA) (1995)</b>						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		11.56	9.87	44.5			
<b>Rodgers, Michael (USA) (1985)</b>						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		11.30	9.83	45.5			

<b>Young, Isiah (USA) (1990)</b>	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	48.0
<b>Gemili, Adam (GBR) (1993)</b>	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	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	
<b>Baker, Ronnie (USA) (1993)</b>	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	
<b>Simbine, Akani (RSA) (1993)</b>	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	
<b>Jacobs, Lamont Marcell (ITA) (1999)</b>	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	
<b>de Grasse, André (CAN) (1994)</b>	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	
<b>Bromell, Trayvon (USA) (1995)</b>	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	
<b>Kerley, Fred (USA) (1995)</b>	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	
<b>Tortu, Filippo (ITA) (1998)</b>	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	
<b>Vicaut, Jimmy (FRA) (19920)</b>	time			3.1	5.0	6.7	8.4	10.17	10.17	8 / --									
reaction time	0.216	interval			1.90	1.70	1.70	1.77										# of strides	
		velocity			6.45	10.53	11.76	11.76	11.30	9.83								46.0	

### 2021 Bauhaus Galan (Stockholm, SWE)

#### FINAL

		date	04-Jul-21	wind	-0.8 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	
<b>Baker, Ronnie (USA) (1993)</b>	time			2.9	4.8	6.5	8.3	10.03	10.03	4 / 1									
reaction time	0.149	interval			1.90	1.70	1.80	1.73										# of strides	
		velocity			6.90	10.53	11.76	11.11	11.56	9.97								46.0	
<b>Jacobs, Lamont Marcell (ITA) (1999)</b>	time			3.0	4.8	6.5	8.3	10.05	10.05	3 / 2									
reaction time	0.138	interval			1.80	1.70	1.80	1.75										# of strides	
		velocity			6.67	11.11	11.76	11.11	11.43	9.95								46.0	
<b>Ujah, Chijindu (GBR) (1994)</b>	time			3.0	4.8	6.6	8.3	10.10	10.10	6 / 3									
reaction time	0.150	interval			1.80	1.80	1.70	1.80										# of strides	
		velocity			6.67	11.11	11.11	11.76	11.11	9.90								45.5	
<b>Young, Isiah (USA) (1990)</b>	time			3.0	4.8	6.6	8.4	10.13	10.13	2 / 4									
reaction time	0.142	interval			1.80	1.80	1.80	1.73										# of strides	
		velocity			6.67	11.11	11.11	11.11	11.56	9.87								47.2	
<b>Brown, Aaron (CAN) (1992)</b>	time			3.0	4.9	6.7	8.4	10.18	10.18	8 / 5									
reaction time	0.147	interval			1.90	1.80	1.70	1.78										# of strides	
		velocity			6.67	10.53	11.11	11.76	11.24	9.82								47.2	
<b>Blake, Jerome (CAN) (1995)</b>	time			3.0	4.9	6.7	8.4	10.18	10.18	1 / 6									
reaction time	0.147	interval			1.90	1.80	1.70	1.78										# of strides	
		velocity			6.67	10.53	11.11	11.76	11.24	9.82								42.7	
<b>Bracy, Marvin (USA) (1993)</b>	time			3.0	4.8	6.6	8.4	10.19	10.19	5 / 7									
reaction time	0.132	interval			1.80	1.80	1.80	1.79										# of strides	
		velocity			6.67	11.11	11.11	11.11	11.17	9.81								48.0	
<b>Larsson, Henrik (SWE) (1999)</b>	time			3.0	4.9	6.7	8.6	10.39	10.39	7 / 8									

reaction time	0.124	interval		1.90	1.80	1.90	1.79		# of strides
		velocity	6.67	10.53	11.11	10.53	11.17	9.62	47.0

**National FINAL**

date 04-Jul-21

wind 0.5 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
<b>Blake, Jerome (CAN) (1995)</b>	time			3.0		4.9		6.7		8.4		10.15	10.15	3 / 1			
	reaction time	0.140	interval			1.90		1.80		1.70		1.75	<b>PB</b>	# of strides			
			velocity	6.67		10.53		11.11		11.76		11.43	9.85	42.2			
<b>Fall, Mouhamadou (FRA) (1992)</b>	time			3.0		4.9		6.7		8.4		10.16	10.16	5 / 2			
	reaction time	0.154	interval			1.90		1.80		1.70		1.76		# of strides			
			velocity	6.67		10.53		11.11		11.76		11.36	9.84	44.5			
<b>Camara, Ebrahima (GAM) (1996)</b>	time			3.0		4.8		6.6		8.5		10.31	10.31	2 / 3			
	reaction time	0.141	interval			1.80		1.80		1.90		1.81		# of strides			
			velocity	6.67		11.11		11.11		10.53		11.05	9.70	47.7			
<b>Safo-Antwi, Sean (GHA) (1990)</b>	time			3.0		4.9		6.7		8.5		10.39	10.39	7 / 4			
	reaction time	0.146	interval			1.90		1.80		1.80		1.89		# of strides			
			velocity	6.67		10.53		11.11		11.11		10.58	9.62	46.7			
<b>Jones, Thomas (SWE) (2001)</b>	time			3.0		4.9		6.8		8.6		10.46	10.46	4 / 5			
	reaction time	0.144	interval			1.90		1.90		1.80		1.86	<b>PB</b>	# of strides			
			velocity	6.67		10.53		10.53		11.11		10.75	9.56	48.5			
<b>Rogo, Desmond (SWE) (1996)</b>	time			3.1		5.0		6.9		8.7		10.54	10.54	1 / 6			
	reaction time	0.138	interval			1.90		1.90		1.80		1.84	<b>PB</b>	# of strides			
			velocity	6.45		10.53		10.53		11.11		10.87	9.49	46.0			
<b>Thor, Viktor (SWE) (2000)</b>	time			3.1		5.0		6.9		8.8		10.65	10.65	8 / 7			
	reaction time	0.145	interval			1.90		1.90		1.90		1.85		# of strides			
			velocity	6.45		10.53		10.53		10.53		10.81	9.39	47.5			
<b>Rose, Odain (SWE) (1992)</b>	time			3.0		5.0		6.8		8.7		10.66	10.66	6 / 8			
	reaction time	0.146	interval			2.00		1.80		1.90		1.96		# of strides			
			velocity	6.67		10.00		11.11		10.53		10.20	9.38	48.0			

**2021 Bislett Games (Oslo, NOR)****National FINAL**

date 01-Jul-21

wind 0.2 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
<b>Kashafali, Salum Ageze (NOR) (19)</b>	time			3.0		5.0		6.8		8.7		10.58	10.58	5 / 1			
	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				
<b>Bøe, Filip (NOR) (2000)</b>	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	<b>PB</b>	# of strides			
			velocity	6.67		10.00		10.53		10.53		10.64	9.36				
<b>Pettersen, Even (NOR) (1993)</b>	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				
<b>Kjerpeset, Øyvind (NOR) (1991)</b>	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				
<b>Bifuko, Patrick Monga (NOR) (199)</b>	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				
<b>Johnsen, Daniel (NOR) (1998)</b>	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				
<b>Sverd, Vegard Dragsund (NOR) (1)</b>	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
<b>Simbine, Akani (RSA) (1993)</b>	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			
<b>Ujah, Chijindu (GBR) (1994)</b>	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
<b>Matadi, Emmanuel (LBR) (1991)</b>	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
<b>Mudiyansele, Yupun Abeykoon</b>	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
<b>Rodgers, Michael (USA) (1985)</b>	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
<b>Cissé, Arthur (CIV) (1996)</b>	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
<b>Greene, Cejhae (ANT) (1995)</b>	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
<b>Harvey, Jak Ali (TUR) (1989)</b>	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) - <a href="https://twitter.com/miyashiro_kenji/status/1405866149754019845?s=21">https://twitter.com/miyashiro_kenji/status/1405866149754019845?s=21</a>									
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Yamagata, Ryota (JPN) (1992)</b>	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		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	
		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	
<b>Tada, Shuhei (JPN) (1996)</b>	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		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	
		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) - <i>shimane high school championships 2021 - biomechanics data analysis</i>									
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>藤原 琉成</b>	time			4.12			7.00			9.80	10.79	10.79	3 / 1				
reaction time							2.88			2.80	0.99		# of strides	4.12	2.88	2.80	
				7.28			10.42			10.71	10.10	9.27	50.7	7.28	10.42	10.71	
<b>吉地 颯太</b>	time			4.08			6.98			9.82	10.80	10.80	4 / 2				
reaction time							2.90			2.84	0.98		# of strides	4.08	2.90	2.84	
				7.35			10.34			10.56	10.20	9.26	49.5	7.35	10.34	10.56	
<b>岡本 亮太郎</b>	time			4.13			7.02			9.85	10.84	10.84	6 / 3				
reaction time							2.89			2.83	0.99		# of strides	4.13	2.89	2.83	
				7.26			10.38			10.60	10.10	9.23	52.0	7.26	10.38	10.60	
<b>西尾 心虎</b>	time			4.03			6.97			9.87	10.89	10.89	5 / 4				
reaction time							2.94			2.90	1.02		# of strides	4.03	2.94	2.90	
				7.44			10.20			10.34	9.80	9.18	46.5	7.44	10.20	10.34	
<b>川端 涼太</b>	time			4.08			7.00			9.87	10.89	10.89	8 / 5				
reaction time							2.92			2.87	1.02		# of strides	4.08	2.92	2.87	
				7.35			10.27			10.45	9.80	9.18	50.3	7.35	10.27	10.45	
<b>高野 翔大</b>	time			4.08			7.03			9.93	10.96	10.96	1 / 6				
reaction time							2.95			2.90	1.03		# of strides	4.08	2.95	2.90	
				7.35			10.17			10.34	9.71	9.12	52.3	7.35	10.17	10.34	
<b>岩崎 颯春</b>	time			4.13			7.10			10.02	11.03	11.03	7 / 7				
reaction time							2.97			2.92	1.01		# of strides	4.13	2.97	2.92	
				7.26			10.10			10.27	9.90	9.07	54.7	7.26	10.10	10.27	
<b>山本 俊介</b>	time			4.13			7.13			10.08	11.11	11.11	2 / 8				
reaction time							3.00			2.95	1.03		# of strides	4.13	3.00	2.95	
				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) - <i>diamond league race analysis</i>									
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	

<b>Ogunode, Femi (QAT) (1991)</b>	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
<b>Youssef, Mahamat Goubaye (CH)</b>	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	<b>PB</b>	# of strides
		velocity	6.25	11.11	11.11	11.76	11.36	9.75
<b>Barrow, Owaab (QAT) (2001)</b>	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	<b>PB</b>	# of strides
		velocity	6.45	10.53	11.11	10.53	11.36	9.56
<b>Ibrahim, Mahmoud Hafiz (KSA) (1)</b>	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
<b>Özer, Kayhan (TUR) (1998)</b>	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
<b>Khalid, Mahamat Zakaria (QAT) (2)</b>	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
<b>Zamzoun Al-Absi, Saeed Othman</b>	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	<b>PB</b>	# of strides
		velocity	6.45	10.00	11.11	10.53	11.11	9.43
<b>Ogunode, Tosin (QAT) (1994)</b>	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

### 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 championships

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Hayashi, Kanata (JPN) (2001)</b>	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
<b>Hirano, Shodai (JPN) (2001)</b>	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	10.10	9.90	9.28	49.3	7.48	10.53	10.31	
<b>Shitara, Oga (JPN) (2001)</b>	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	10.31	10.20	10.10	9.26	47.5	7.43	10.45	10.34	
<b>Miyauchi, Kazuya (JPN) (2001)</b>	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	9.25	52.3	7.43	10.49	10.34	
<b>Nakamura, Shota (JPN) (2001)</b>	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	9.23	52.7	7.43	10.49	10.27	
<b>Fukagawa, Shinpei (JPN) (2002)</b>	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	10.53	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 championships

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Fukagawa, Shinpei (JPN) (2002)</b>	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
<b>Miyauchi, Kazuya (JPN) (2001)</b>	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	10.42	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 championships

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Hayashi, Kanata (JPN) (2001)</b>	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
<b>Nakamura, Shota (JPN) (2001)</b>	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			





## 2020 All Japan Corporate Championships (Kumagaya, JPN)

## FINAL

date 20-Sep-20 wind 1.2 m/s

Ohunna (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		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
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		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				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				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				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				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				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				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				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				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				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
齊藤 樹	time				4.03			6.83			9.72	10.70	10.70	6 / 1			
	reaction time							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
門谷 昇星	time				4.05			6.88			9.78	10.70	10.79	5 / 2			
	reaction time							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
渡部 翔	time				4.08			6.90			9.80	10.80	10.80	4 / 3			
	reaction time							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
吉地 颯太	time				4.18			7.00			9.97	10.99	10.99	1 / 4			
	reaction time							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
井上 創亮	time				4.17			7.02			10.02	11.06	11.06	7 / 5			
	reaction time							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
大矢 峻輔	time				4.08			7.00			10.08	11.16	11.16	8 / 6			
	reaction time							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



堀 汐音	time	4.18	7.08	10.17	11.23	11.23	3 / 7											
	reaction time	interval	velocity															
			7.18	10.34	9.71	9.43	8.90	# of strides	4.18	2.90	3.09	50.0	7.18	10.34	9.71			
牧原 和史	time	4.30	7.22	10.23	11.23	11.23	2 / 8											
	reaction time	interval	velocity															
			6.98	10.27	9.97	10.00	8.90	# of strides	4.30	2.92	3.01	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	velocity													# of strides	3.93	2.70	2.69
					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, Shohei (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	velocity													# of strides	3.99	2.82	2.82
					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	velocity													# of strides	3.89	2.64	2.60
					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	velocity													# of strides	3.86	2.66	2.64
					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	velocity													# of strides	3.97	2.67	2.64
					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	velocity													# of strides	3.88	2.68	2.71
					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	velocity													# of strides	3.86	2.68	2.70
					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	velocity													# of strides	3.92	2.72	2.69
					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	velocity													# of strides	3.93	2.73	2.72
					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	velocity												# of strides	3.91	2.72	2.70
					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	velocity												# of strides	3.91	2.72	2.70
					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	velocity												# of strides	3.95	2.79	2.83
					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	velocity												# of strides	4.07	2.87	2.92
					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													
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		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Kawata, Kosuke (JPN) (2003)</b>	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		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	
<b>Fujiwara, Hiroto (JPN) (2003)</b>	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		1.10	0.99	0.94	0.92	0.91	0.92	0.94	0.95	0.99	<b>PB</b>	# 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

Ohunna (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
<b>Yamagata, Ryota (JPN) (1992)</b>	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		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
<b>Izawa, Makoto (JPN) (2002)</b>	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		1.06	0.97	0.92	0.91	0.91	0.93	0.96	0.98	<b>PB</b>	# 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
<b>Baker, Ronnie (USA) (1993)</b>	time	2.02	3.02	3.91	4.80	5.66	6.54	6.54	3 / 1			
	reaction time	0.194		1.00	0.89	0.89	0.88	9.17	# 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	
<b>Kemp, Demek (USA) (1996)</b>	time	1.99	3.00	3.92	4.81	5.69	6.56	6.56	4 / 2			
	reaction time	0.162		1.01	0.92	0.89	0.88	9.15	# 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	
<b>Rattray, Ke Vaughn (JAM) (1996)</b>	time	2.03	3.04	3.96	4.86	5.76	6.62	6.62	7 / 3			
	reaction time	0.152		1.01	0.92	0.90	0.86	9.06	# 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	
<b>Bracy, Marvin (USA) (1993)</b>	time		3.11	4.04	4.94	5.84	6.67	6.67	6 / 4			
	reaction time	0.171		0.93	0.90	0.90	0.83	9.00	# 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	
<b>Gillespie, Cravon (USA) (1996)</b>	time		3.10	4.03	4.95	5.84	6.70	6.70	2 / 5			
	reaction time	0.212		0.93	0.92	0.89	0.86	8.96	# 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	
<b>Koike, Yuki (JPN) (1995)</b>	time		3.12	4.05	4.95	5.81	6.71	6.71	5 / 6			
	reaction time	0.164		0.93	0.90	0.86	0.90	8.94	# 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	
<b>Bascom, Jeremy (GUY) (1981)</b>	time		3.10	4.04	4.98	5.90	6.81	6.81	8 / 7			
	reaction time	0.160		0.94	0.94	0.92	0.91	8.81	# 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	
<b>Williams, Mustaqeem (USA) (1995)</b>	time		3.18	4.15	5.07	6.00	6.86	6.86	1 / 8			
	reaction time	0.207		0.97	0.92	0.93	0.86	8.75	# 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
<b>Kemp, Demek (USA) (1996)</b>	time	2.05	3.04	3.95	4.85	5.74	6.50	6.50	3 / 1			
	reaction time			0.99	0.91	0.90	0.76	<b>PB</b>	# 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	
<b>Walter, Keitavious (USA) (1996)</b>	time	2.11	3.13	4.06	4.96	5.85	6.61	6.61	1 / 2			
	reaction time			1.02	0.93	0.90	0.76	9.08	# 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	
<b>Xu Zhouzheng (CHN) (1995)</b>	time	2.13	3.16	4.09	5.00	5.89	6.68	6.68	8 / 3			
	reaction time			1.03	0.93	0.91	0.79	8.98	# 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	
<b>Koike, Yuki (JPN) (1995)</b>	time	2.14	3.17	4.11	5.02	5.92	6.69	6.69	5 / 4			
	reaction time			1.03	0.94	0.91	0.77	<b>PB</b>	# 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	
<b>Powell, Asafa (JAM) (1982)</b>	time	2.13	3.15	4.09	5.01	5.89	6.71	6.71	7 / 5			
	reaction time			1.02	0.94	0.92	0.82	8.94	# 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	

<b>Aikines-Aryeetey, Harry (GBR) (19</b>	time	2.15	3.21	4.16	5.08	5.98	6.73						6.73	2 / 6			
	reaction time													# of strides	4.16	2.57	
															31.5	7.21	11.67
	velocity	4.65	9.43	10.53	10.87	11.11	13.33						8.92				
<b>Bromell, Trayvon (USA) (1995)</b>	time	2.14	3.17	4.13	5.06	5.96	6.84						6.84	6 / 7			
	reaction time													# of strides	4.13	2.71	
															31.0	7.26	11.07
	velocity	4.67	9.71	10.42	10.75	11.11	11.36						8.77				

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

### 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				
<b>Ikeda, Seiryu (JPN) (2002)</b>	time				4.04		5.95					10.73	10.73	4 / 1							
	reaction time	0.145					1.91					4.78		# of strides	4.04						
					7.43		3.36					10.46	9.32		7.43						
	velocity																				
<b>Nakamura, Shota (JPN) (2001)</b>	time				4.04		5.96					10.78	10.78	2 / 2							
	reaction time	0.153					1.92					4.82		# of strides	4.04						
					7.43		3.36					10.37	9.28		7.43						
	velocity																				
<b>Inoue, Mizuki (JPN) (2003)</b>	time				4.04		5.96					10.78	10.78	6 / 3							
	reaction time	0.164					1.92					4.82		# of strides	4.04						
					7.43		3.36					10.37	9.28		7.43						
	velocity																				
<b>Fujiwara, Hiroto (JPN) (2003)</b>	time				4.09		6.00					10.85	10.85	5 / 4							
	reaction time	0.151					1.91					4.85		# of strides	4.09						
					7.33		3.33					10.31	9.22		7.33						
	velocity																				
<b>Akiyama, Yuki (JPN) (2001)</b>	time				4.06		6.00					10.88	10.88	9 / 5							
	reaction time	0.154					1.94					4.88		# of strides	4.06						
					7.39		3.33					10.25	9.19		7.39						
	velocity																				
<b>Miyauchi, Kazuya (JPN) (2001)</b>	time				4.06		5.98					10.90	10.90	7 / 6							
	reaction time	0.156					1.92					4.92		# of strides	4.06						
					7.39		3.34					10.16	9.17		7.39						
	velocity																				
<b>Hayashi, Kanata (JPN) (2001)</b>	time				4.06		6.00					10.92	10.92	8 / 7							
	reaction time	0.155					1.94					4.92		# of strides	4.06						
					7.39		3.33					10.16	9.16		7.39						
	velocity																				
<b>Iwamoto, Kosuke (JPN) (2002)</b>	time				4.12		6.10					11.01	11.01	3 / 8							
	reaction time	0.154					1.98					4.91		# of strides	4.12						
	interval																				

velocity	7.28	3.28	10.18	9.08	7.28
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**U18 FINAL**

date	04-Oct-19	wind	-1.1 m/s	<i>Enomoto (2019) - research on athlete performance and technique- 2019 data book</i>											
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			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Tsubasa, Suzuki (JPN) (2003)</b>	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		
<b>Ogi, Machii (JPN) (2003)</b>	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		
<b>Terasawa, Daichi (JPN) (2003)</b>	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		
<b>Sugimoto, Yuya (JPN) (2003)</b>	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		
<b>Hoshida, Daichi (JPN) (2003)</b>	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		
<b>Tateno, Shunki (JPN) (2003)</b>	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		
<b>山本 永遠 (JPN) (2003)</b>	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		
<b>Nakayama, Tomoki (JPN) (2004)</b>	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)****FINAL**

date	28-Sep-19	wind	0.6 m/s	<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>											
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			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Coleman, Christian (USA) (1996)</b>	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				
	reaction time	0.128	interval		1.02	0.92	0.87	0.84	0.84	0.85	0.87	0.88	<b>PB</b>	# of strides	3.77	2.55	2.56	
			velocity		5.46	9.80	10.87	11.49	11.90	11.90	11.76	11.49	11.36	10.25	47.0	7.96	11.76	11.72
<b>Gatlin, Justin (USA) (1982)</b>	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				
	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	44.0	7.87	11.49	11.63
<b>de Grasse, Andre (CAN) (1994)</b>	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				
	reaction time	0.140	interval		1.06	0.94	0.89	0.86	0.85	0.84	0.85	0.86	0.96	<b>PB</b>	# 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	46.7	7.73	11.54	11.76
<b>Simbine, Akani (RSA) (1993)</b>	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				
	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	11.76	11.63	11.49	11.24	10.07	48.0	7.79	11.49	11.63
<b>Blake, Yohan (JAM) (1989)</b>		0.142	no information available										9.97	8 / 5	# of strides	45.2		
<b>Hughes, Zharnel (GBR) (1995)</b>	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				
	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	45.0	7.67	11.49	11.58
<b>Tortu, Filippo (ITA) (1998)</b>		0.158	no information available										10.07	2 / 7	# of strides	44.0		
<b>Brown, Aaron (CAN) (1992)</b>		0.155	no information available										10.08	9 / 8	# of strides	47.2		

**Semi-Final 2**

date	28-Sep-19	wind	-0.1 m/s	<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>											
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			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Xie Zhenye (CHN) (1993)</b>	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	0.88	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	11.36	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	<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>											
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			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Su Bingtian (CHN) (1989)</b>	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	0.90	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	11.11	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										4.35		# of strides				
	interval 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										4.36		# of strides				
	interval 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										4.45		# of strides				
	interval 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										4.40		# of strides				
	interval 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										4.43		# of strides				
	interval 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										4.57		# of strides				
	interval 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										4.54		# of strides				
	interval 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			1.05	0.95	0.91	0.89	0.90	0.89	0.92	0.93	0.95	<b>PB</b>	# of strides	3.83	2.70	2.74	
	interval 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			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	
	interval 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				1.8		1.7		1.7		1.68		# of strides				
	interval 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				1.8		1.8		1.7		1.74		# of strides				
	interval 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				1.9		1.7		1.8		1.67		# of strides				
	interval 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				1.9		1.7		1.7		1.78		# of strides				
	interval 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				1.9		1.7		1.8		1.70		# of strides				
	interval 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				1.9		1.7		1.7		1.75		# of strides				
	interval 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				1.8		1.8		1.7		1.75		# of strides				
	interval velocity			6.45		11.11		11.11		11.76		11.43	9.85	47.0				
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
<b>Wilson, Alex (SUI) (1990)</b>		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
<b>Blake, Yohan (JAM) (1989)</b>	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			
<b>Gemili, Adam (GBR) (1993)</b>	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			
<b>Rodgers, Michael (USA) (1985)</b>	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			
<b>Belcher, Christopher (USA) (1994)</b>	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			
<b>de Grasse, Andre (CAN) (1994)</b>	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			
<b>Tracey, Tyquendo (JAM) (1993)</b>	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			
<b>Simbine, Akani (RSA) (1993)</b>	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			
<b>Xie Zhenye (CHN) (1993)</b>	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
<b>Rodgers, Michael (USA) (1985)</b>	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				
<b>Blake, Yohan (JAM) (1989)</b>	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				
<b>Xie Zhenye (CHN) (1993)</b>	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				
<b>Cissé, Arthur (CIV) (1996)</b>	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				
<b>Su Bingtian (CHN) (1989)</b>	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				
<b>Glave, Romell (JAM) (1999)</b>	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				
<b>Bromby, Oliver (GBR) (1998)</b>	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				
<b>Kemp, Demek (USA) (1996)</b>	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	
<b>Gemili, Adam (GBR) (1993)</b>	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					
<b>Belcher, Christopher (USA) (1994)</b>	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					
<b>de Grasse, Andre (CAN) (1994)</b>	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					
<b>Simbine, Akani (RSA) (1993)</b>	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					
<b>Tracey, Tyquendo (JAM) (1993)</b>	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					
<b>Koike, Yuki (JPN) (1995)</b>	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					
<b>Burrell, Cameron (USA) (1994)</b>	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					
<b>Aikines-Aryeetey, Harry (GBR) (19)</b>	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	
<b>Uzawa, Towa (JPN) (2002)</b>	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	0.89	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	
<b>Hayashi, Kanata (JPN) (2001)</b>	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	0.91	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	
<b>Iwamoto, Kosuke (JPN) (2002)</b>	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	0.91	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	
<b>Tsukagichi, Teppei (JPN) (2001)</b>	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	0.93	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		
<b>Nakamura, Shota (JPN) (2001)</b>	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	0.92	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		
<b>Shitara, Oga (JPN) (2001)</b>	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	0.93	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		
<b>Miyauchi, Kazuya (JPN) (2001)</b>	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	# 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		
<b>Fujiwara, Hiroto (JPN) (2003)</b>	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	0.93	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	
<b>Xie Zhenye (CHN) (1993)</b>	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	0.86	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	

<b>Su Bingtian (CHN) (1989)</b>	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
<b>Xu Zhouzheng (CHN) (1995)</b>	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
<b>Liang Jinsheng (CHN) (1996)</b>	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
<b>Wu Zhiqiang (CHN) (1994)</b>	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
<b>Xuan Dajun (CHN) (1998)</b>	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
<b>Quan Yingrui (CHN) (1997)</b>	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
<b>Mi Hong (CHN) (1993)</b>	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	
<b>Koike, Yuki (JPN) (1995)</b>	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	
<b>Gatlin, Justin (USA) (1982)</b>	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				
<b>Lyles, Noah (USA) (1997)</b>	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				
<b>Rodgers, Michael (USA) (1985)</b>	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				
<b>Simbine, Akani (RSA) (1993)</b>	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				
<b>Gillespie, Cravon (USA) (1996)</b>	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				
<b>Vicaut, Jimmy (FRA) (1992)</b>	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				
<b>Cissé, Arthur (CIV) (1996)</b>	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				
<b>Oduduru, Divine (NGR) (1996)</b>	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	
<b>Gatlin, Justin (USA) (1982)</b>	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				



<b>Rodgers, Michael (USA) (1985)</b>	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
<b>Brown, Aaron (CAN) (1992)</b>	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
<b>Cissé, Arthur (CIV) (1996)</b>	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
<b>Burrell, Cameron (USA) (1994)</b>	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
<b>Quinn, Devin (USA) (1996)</b>	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
<b>Williams, Kendal (USA) (1995)</b>	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
<b>Allen, Devon (USA) (1994)</b>	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		<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>									
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Sani Brown, Abdul Hakim (JPN) (1time)</b>	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	11.24	10.99	9.98	44.0	7.77	11.45	11.41	
<b>Iizuka, Shota (JPN) (1991)</b>	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	9.77	48.7	7.63	11.19	11.11	

#### Semi-Final 2

date		27-Jun-19		wind		0.1 m/s		<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>									
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Cambridge, Aska (JPN) (1993)</b>	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	11.24	10.99	10.75	9.80	46.2	7.67	11.19	11.19	
<b>Mizukubo, Soshi (JPN) (1999)</b>	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	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		<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>									
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Sakai, Ryuichiro (JPN) (1998)</b>	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	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		<i>Matsubayashi (2019) - research on athlete performance and technique- 2019 data book</i>									
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Nakamura, Akihiko (JPN) (1990)</b>	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	9.21	7.41	10.42	10.27		
<b>Maruyama, Yuma (JPN) (1998)</b>	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	10.10	9.14	7.26	10.27	10.34		

#### Decathlon - Heat 1

date		08-Jun-19		wind		0.2 m/s		<i>Matsubayashi (2019) - research on athlete performance and technique- 2019 data book</i>									
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Ushiro, Keisuke (JPN) (1986)</b>	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	10.00	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		<i>Hayato (2019) - race analysis of men's 100m at major comeptions in 2019</i>									
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	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
<b>Iizuka, Shota (JPN) (1991)</b>	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
<b>Cambridge, Aska (JPN) (1993)</b>	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
<b>Koike, Yuki (JPN) (1995)</b>	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	<i>Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis</i>												
<b>門脇 陸</b>	time		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
reaction time	interval			4.03				6.87			9.65	10.62	10.62	6 / 1			
	velocity			7.44				10.56			10.79	10.31	9.42	# of strides	4.03	2.84	2.78
<b>大槻 崇宏</b>	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
<b>林 頼人</b>	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
<b>松浦 優</b>	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
<b>門谷 昇星</b>	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
<b>布村 舜</b>	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
<b>佐藤 亜々人</b>	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
<b>新谷 俊季</b>	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	<i>Kobayashi (2018) - Race analysis results for men 100m in 2018 season</i>												
<b>Gatlin, Justin (USA) (1982)</b>	time		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
reaction time	0.154	interval		2.91	3.86	4.76	5.64	6.51	7.38	8.25	9.15	10.06	10.06	3 / 1			
	velocity		5.38	9.52	10.53	11.11	11.36	11.49	11.49	11.49	11.11	10.99	9.94	# of strides	3.86	2.65	2.64
<b>Yamagata, Ryota (JPN) (1992)</b>	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
	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
<b>Young, Isiah (USA) (1990)</b>	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
	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
<b>Kiryu, Yoshihide (JPN) (1995)</b>	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
	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
<b>Cambridge, Aska (JPN) (1993)</b>	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
	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
<b>Tada, Shuhei (JPN) (1996)</b>	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
	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









<b>Helsing, Yonathan (SWE) (1998)</b>	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		
<b>Motta, Oskar (SWE) (1998)</b>	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
<b>Gjerstsen, Martin (NOR) (1993)</b>	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	<b>PB</b>	# of strides	4.14	2.93	
	velocity	7.25				10.20	10.31		10.36		9.90	9.07	7.25	10.24		
<b>Sussoho, Amadou (SWE) (1995)</b>	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		
<b>Grønnhaug, Jonas (NOR) (1989)</b>	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		
<b>Thor, Viktor (SWE) (2000)</b>	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		
<b>Langjord, Marcus (NOR) (1996)</b>	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		
<b>Förrestig, Frank (SWE) (1998)</b>	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		
<b>Getahun, Kidus Yohannes (SWE)</b>	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
<b>Movin, Andreas (SWE) (1996)</b>	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		
<b>Thor, William (SWE) (2000)</b>	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		
<b>Bäcke, Gabriel (SWE) (2000)</b>	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
<b>Miyamoto, Daisuke (JPN) (1999)</b>	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	
<b>Tsukamoto, Justin Junpei (JPN) (</b>	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	
<b>Fukushima, Kiyoshi (JPN) (2000)</b>	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	
<b>Uno, Daichi (JPN) (2000)</b>	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	
<b>Dede, Bruno Chikwadoro (JPN) (</b>	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	
<b>Watanabe, Kougen (JPN)</b>	time			4.08			6.94			9.80	10.79	10.79	9 / 6			



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	
<b>Takase, Kei (JPN) (1988)</b>	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
<b>勝田 築</b>	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	
<b>門脇 陸</b>	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	
<b>松浦 優</b>	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	
<b>林 頼人</b>	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	
<b>桐原 勇斗</b>	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
<b>Kiryu, Yoshihide (JPN) (1995)</b>	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
<b>Hirao, Yuki (JPN) (1996)</b>	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
<b>Yamagata, Ryota (JPN) (1992)</b>	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
<b>Kiryu, Yoshihide (JPN) (1995)</b>	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
<b>Yamagata, Ryota (JPN) (1992)</b>	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	
<b>Bolt, Usain (JAM) (1986)</b>	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		
<b>Gatlin, Justin (USA) (1982)</b>	0.152	no information available										9.89	4 / 2	# of strides	43.5		
<b>De Grasse, Andre (CAN) (1994)</b>	0.141	no information available										PB	9.91	7 / 3	# of strides	46.5	
<b>Blake, Yohan (JAM) (1989)</b>	0.145	no information available										9.93	9 / 4	# of strides	46.0		
<b>Simbine, Akani (RSA) (1993)</b>	0.128	no information available										9.94	3 / 5	# of strides	46.2		
<b>Meité, Ben Youssef (CIV) (1986)</b>	0.156	no information available										NR PB	9.96	8 / 6	# of strides	46.0	
<b>Vicaud, Jimmy (FRA) (1992)</b>	0.140	no information available										10.04	5 / 7	# of strides	46.7		
<b>Bromell, Trayvon (USA) (1995)</b>	0.135	no information available										10.06	2 / 8	# of strides	44.2		

## 2016 Windsprint (Sundsvall, SWE)

## A FINAL

		date	31-Jul-16		wind 1.4 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			6.74				10.42	10.42	4 / 1			
	reaction time							2.72				3.68		# of strides	4.02	2.72	
	velocity				7.46			11.03				10.87	9.60		7.46	11.03	
Darkwah, Tony (SWE) (1986)	time				4.07			6.72				10.55	10.55	5 / 2			
	reaction time							2.65				3.83		# of strides	4.07	2.65	
	velocity				7.37			11.32				10.44	9.48		7.37	11.32	
Ojuri, Sunday (SWE) (1993)	time				4.20			7.02				10.87	10.87	3 / 3			
	reaction time							2.82				3.85		# of strides	4.20	2.82	
	velocity				7.14			10.64				10.39	9.20		7.14	10.64	
Kjell, Gustav (SWE) (1996)	time				4.14			7.00				10.92	10.92	8 / 4			
	reaction time							2.86				3.92		# of strides	4.14	2.86	
	velocity				7.25			10.49				10.20	9.16		7.25	10.49	
Kapstad, Linus (SWE) (2000)	time				4.15			7.00				10.93	10.93	2 / 5			
	reaction time							2.85				3.93	<b>PB</b>	# of strides	4.15	2.85	
	velocity				7.23			10.53				10.18	9.15		7.23	10.53	
Helsing, Yonathan (SWE) (1998)	time				4.21			7.08				10.95	10.95	7 / 6			
	reaction time							2.87				3.87	<b>PB</b>	# of strides	4.21	2.87	
	velocity				7.13			10.45				10.34	9.13		7.13	10.45	
Wulff, Jonathan (SWE) (1994)	time				4.21			7.06				10.97	10.97	6 / 7			
	reaction time							2.85				3.91		# of strides	4.21	2.85	
	velocity				7.13			10.53				10.23	9.12		7.13	10.53	
Thornberg, Nils (SWE) (1994)	time				4.20			7.10				11.06	11.06	1 / 8			
	reaction time							2.90				3.96	<b>PB</b>	# of strides	4.20	2.90	
	velocity				7.14			10.34				10.10	9.04		7.14	10.34	

## B FINAL

		date	31-Jul-16		wind 0.6 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
Allison, Tarley (SWE) (1997)	time				4.23			7.16				11.14	11.14	4 / 1			
	reaction time							2.93				3.98		# of strides	4.23	2.93	
	velocity				7.09			10.24				10.05	8.98		7.09	10.24	
Gerlach, Mikael (SWE) (1984)	time				4.36			7.34				11.36	11.36	5 / 2			
	reaction time							2.98				4.02		# of strides	4.36	2.98	
	velocity				6.88			10.07				9.95	8.80		6.88	10.07	
Olofsson, Ludwig (SWE) (1998)	time				4.30			7.32				11.38	11.38	6 / 3			
	reaction time							3.02				4.06		# of strides	4.30	3.02	
	velocity				6.98			9.93				9.85	8.79		6.98	9.93	
Ekane, Fritz (SWE) (1990)	time				4.38			7.34				11.42	11.42	3 / 4			
	reaction time							2.96				4.08		# of strides	4.38	2.96	
	velocity				6.85			10.14				9.80	8.76		6.85	10.14	

## C FINAL

		date	31-Jul-16		wind 0.5 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
Nilsson, Anton (SWE) (1992)	time				4.33			7.32				11.41	11.41	3 / 1			
	reaction time							2.99				4.09		# of strides	4.33	2.99	
	velocity				6.93			10.03				9.78	8.76		6.93	10.03	
Nilsen, Erlend (SWE) (1992)	time				4.31			7.36				11.54	11.54	4 / 2			
	reaction time							3.05				4.18		# of strides	4.31	3.05	
	velocity				6.96			9.84				9.57	8.67		6.96	9.84	
Jonsson, Tobias (SWE) (1996)	time				4.34			7.38				11.58	11.58	5 / 3			
	reaction time							3.04				4.20		# of strides	4.34	3.04	
	velocity				6.91			9.87				9.52	8.64		6.91	9.87	
Jonsson, Per (SWE) (1988)	time				4.45			7.58				11.88	11.88	2 / 4			
	reaction time							3.13				4.30		# of strides	4.45	3.13	
	velocity				6.74			9.58				9.30	8.42		6.74	9.58	

## Heat 3

		date	31-Jul-16		wind 1.5 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
Gerlach, Michael (SWE) (1984)	time				4.32			7.25				11.18	11.18	3 / 1			
	reaction time							2.93				3.93		# of strides	4.32	2.93	

	velocity	6.94	10.24	10.18	8.94	6.94	10.24
<b>Sandström, Emil (SWE) (2000)</b>	time	4.28	7.32	11.50	11.50	6 / 2	
reaction time	interval		3.04	4.18	4.18	# of strides	4.28 3.04
	velocity	7.01	9.87	9.57	8.70		7.01 9.87
<b>Nilsen, Erlend (SWE)</b>	time	4.33	7.39	11.56	11.56	4 / 3	
reaction time	interval		3.06	4.17	4.17	# of strides	4.33 3.06
	velocity	6.93	9.80	9.59	8.65		6.93 9.80
<b>Jonsson, Tobias (SWE) (1996)</b>	time	4.35	7.38	11.57	11.57	2 / 4	
reaction time	interval		3.03	4.19	4.19	# of strides	4.35 3.03
	velocity	6.90	9.90	9.55	8.64		6.90 9.90
<b>Samuelsson, Jakob (SWE) (1998)</b>	time	4.41	7.48	11.69	11.69	5 / 5	
reaction time	interval		3.07	4.21	4.21	# of strides	4.41 3.07
	velocity	6.80	9.77	9.50	8.55		6.80 9.77
<b>Jonsson, Per (SWE) (1988)</b>	time	4.43	7.53	11.80	11.80	1 / 6	
reaction time	interval		3.10	4.27	4.27	# of strides	4.43 3.10
	velocity	6.77	9.68	9.37	8.47		6.77 9.68
<b>Tømmervik, Sindre (NOR) (1997)</b>	time	4.53	7.72	12.04	12.04	7 / 7	
reaction time	interval		3.19	4.32	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
<b>Kapstad, Linus (SWE) (2000)</b>	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	
<b>Helsing, Yonathan (SWE) (1998)</b>	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	
<b>Thornberg, Nils (SWE) (1994)</b>	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	
<b>Allison, Tarley (SWE) (1997)</b>	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	
<b>Ekane, Fritz (SWE) (1990)</b>	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	
<b>Berggren, Marcus (SWE) (1996)</b>	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	
<b>Olofsson, Ludwig (SWE) (1998)</b>	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	
<b>Nilsson, Anton (SWE) (1992)</b>	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
<b>Kling-Baptiste, Tom (SWE) (1990)</b>	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	
<b>Darkwah, Tony (SWE) (1986)</b>	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	
<b>Tärnhuvud, Stefan (SWE) (1985)</b>	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	
<b>Lilja, Johan (SWE) (1995)</b>	time				4.18			7.02				10.90	10.90	7 / 4			
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	

<b>Ojuri, Sunday (SWE) (1993)</b>	time	4.21		7.06		10.93	10.93		8 / 5				
	reaction time											4.21	2.85
	interval velocity											7.13	10.53
<b>Wulff, Jonathan (SWE) (1994)</b>	time	4.20		7.04		10.97	10.97		1 / 6				
	reaction time											4.20	2.84
	interval velocity											7.14	10.56
<b>Armfeldt, Carl (SWE) (1984)</b>	time	4.21		7.05		11.01	11.01		6 / 7				
	reaction time											4.21	2.84
	interval velocity											7.13	10.56
<b>Kjell, Gustaf (SWE) (1996)</b>	time	4.15		7.04		11.07	11.07		3 / 8				
	reaction time											4.15	2.89
	interval velocity											7.23	10.38

## 2016 Japanese National High School Championships (Okayama, JPN)

## FINAL

		date	30-Jul-16	wind	3.0 m/s	<i>Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data collection</i>												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Miyamoto, Daisuke (JPN) (1999)</b>	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 velocity			6.90	9.62	10.42	10.75	10.99	10.53	10.42			10.20	9.43	# of strides	3.94	2.80	
<b>Matsuo, Takamasa (JPN) (1998)</b>	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 velocity			6.78	9.43	10.42	10.64	10.42	10.53	10.53			10.26	9.33	# of strides	4.01	2.86	
<b>Tamura, Kazuki (JPN) (1998)</b>	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 velocity			6.76	9.35	10.42	10.64	10.42	10.53	10.42			10.10	9.28	# of strides	4.03	2.86	
<b>Sano, Yo (JPN) (1999)</b>	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 velocity			6.78	9.35	10.20	10.53	10.53	10.53	10.20			10.05	9.24	# of strides	4.02	2.88	
<b>Saito, Isami (JPN) (1999)</b>	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 velocity			6.67	9.26	10.10	10.53	10.53	10.53	10.53			10.15	9.23	# of strides	4.08	2.89	
<b>Kuroki, Motoki (JPN) (1999)</b>	time			2.92	3.99	4.98	5.91	6.87	7.84	8.83			10.88	10.88	/ 6			
	reaction time																	
	interval velocity			6.85	9.35	10.10	10.75	10.42	10.31	10.10			9.76	9.19	# of strides	3.99	2.88	
<b>Nakawaki Yuya (JPN) (1998)</b>	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 velocity			6.76	9.17	10.00	10.42	10.53	10.31	10.31			10.05	9.18	# of strides	4.05	2.91	
<b>Nakazawa, Yuya (JPN)</b>	time			2.95	4.02	5.01	5.97	6.95	7.91	8.91			10.93	10.93	/ 8			
	reaction time																	
	interval velocity			6.78	9.35	10.10	10.42	10.20	10.42	10.00			9.90	9.15	# of strides	4.02	2.93	

## 2016 Japanese National Championships (Nagoya, JPN)

## FINAL

		date	25-Jun-16	wind	-0.3 m/s	<i>Matsuo (2016) - speed, frequency, and stride analysis of male &amp; female 100m sprinters</i>												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Cambridge, Aska (JPN) (1993)</b>	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 velocity			5.29	9.35	10.53	10.99	11.36	11.36	11.36	11.24	11.11	10.99	9.84	# of strides	3.91	2.67	2.67
<b>Yamagata, Ryoto (JPN) (1992)</b>	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 velocity			5.38	9.43	10.64	11.11	11.24	11.24	11.24	11.11	10.87	10.87	9.83	# of strides	3.86	2.68	2.71
<b>Kiryu, Yoshihide (JPN) (1995)</b>	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 velocity			5.32	9.52	10.53	11.11	11.11	11.24	11.11	10.99	10.64	10.10	9.70	# of strides	3.88	2.69	2.75

## Semi-Final 2

		date	24-Jun-16	wind	-1.4 m/s	<i>Matsuo (2016) - speed, frequency, and stride analysis of male &amp; female 100m sprinters</i>												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Yamagata, Ryoto (JPN) (1992)</b>	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 velocity			5.38	9.35	10.53	10.87	11.11	11.24	11.11	10.87	10.87	10.75	9.75	# of strides	3.88	2.71	2.74
<b>Kiryu, Yoshihide (JPN) (1995)</b>	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 velocity			5.35	9.43	10.53	10.87	11.11	11.24	11.11	10.87	10.87	10.42	9.72	# of strides	3.88	2.71	2.74







<b>Miyamoto, Daisuke (JPN) (1999)</b>	time	4.03	4.97	5.97	6.86	7.78	8.72	9.70	10.70	10.70	/ 6				
	reaction time											# of strides	4.03	2.83	2.84
	interval 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
<b>Masuda, Kengo (JPN) (1997)</b>	time	4.02	4.97	5.97	6.89	7.83	8.77	9.75	10.73	10.73	/ 7				
	reaction time											# of strides	4.02	2.87	2.86
	interval 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
<b>Tamura, Naoya (JPN) (1998)</b>	time	4.00	4.96	5.97	6.89	7.83	8.78	9.77	10.76	10.76	/ 8				
	reaction time											# of strides	4.00	2.89	2.88
	interval 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	
<b>Tracey, Tyquendo (JAM) (1993)</b>	time			3.98			6.68		8.47		10.31	10.31	5 / 1				
	reaction time							2.70	1.79	1.84			# of strides	3.98	2.70		
	interval velocity			7.54			11.11		11.17		10.87	9.70		7.54	11.11		
<b>Brown, Kemarley (JAM) (1992)</b>	time			3.99			6.70		8.51		10.43	10.43	4 / 2				
	reaction time							2.71	1.81	1.92			# of strides	3.99	2.71		
	interval velocity			7.52			11.07		11.05		10.42	9.59		7.52	11.07		
<b>Rose, Odain (SWE) (1992)</b>	time			3.97			6.73		8.55		10.46	10.46	8 / 3				
	reaction time							2.76	1.82	1.91			# of strides	3.97	2.76		
	interval velocity			7.56			10.87		10.99		10.47	9.56		7.56	10.87		
<b>Bah, Sulayman (SWE) (1986)</b>	time			3.98			6.74		8.57		10.51	10.51	3 / 4				
	reaction time							2.76	1.83	1.94			# of strides	3.98	2.76		
	interval velocity			7.54			10.87		10.93		10.31	9.51		7.54	10.87		
<b>Kling-Baptiste, Tom (SWE) (1990)</b>	time			4.00			6.78		8.63		10.52	10.52	2 / 5				
	reaction time							2.78	1.85	1.89			# of strides	4.00	2.78		
	interval velocity			7.50			10.79		10.81		10.58	9.51		7.50	10.79		
<b>de Oliveira, Nil (SWE) (1986)</b>	time			4.08			6.89		8.75		10.66	10.66	6 / 6				
	reaction time							2.81	1.86	1.91			# of strides	4.08	2.81		
	interval velocity			7.35			10.68		10.75		10.47	9.38		7.35	10.68		
<b>Brorson, Alexander (SWE) (1990)</b>	time			4.07			6.90		8.88		11.14	11.14	7 / 7				
	reaction time							2.83	1.98	2.26			# of strides	4.07	2.83		
	interval 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	
<b>Groth, Joel (SWE) (1991)</b>	time			4.05			6.81		8.64		10.51	10.51	1 / 1				
	reaction time							2.76	1.83	1.87			# of strides	4.05	2.76		
	interval velocity			7.41			10.87		10.93		10.70	9.51		7.41	10.87		
<b>Andersson, Partik (SWE) (1991)</b>	time			4.05			6.82		8.67		10.56	10.56	4 / 2				
	reaction time							2.77	1.85	1.89			# of strides	4.05	2.77		
	interval velocity			7.41			10.83		10.81		10.58	9.47		7.41	10.83		
<b>Armfeldt, Carl (SWE) (1984)</b>	time			4.10			6.91		8.79		10.72	10.72	7 / 3				
	reaction time							2.81	1.88	1.93			# of strides	4.10	2.81		
	interval velocity			7.32			10.68		10.64		10.36	9.33		7.32	10.68		
<b>Marthinussen, Christian (NOR) (1991)</b>	time			4.11			6.91		8.79		10.75	10.75	3 / 4				
	reaction time							2.80	1.88	1.96	<b>PB</b>		# of strides	4.11	2.80		
	interval velocity			7.30			10.71		10.64		10.20	9.30		7.30	10.71		
<b>Brusenback, Christoffer (SWE) (1991)</b>	time			4.11			6.91		8.82		10.77	10.77	5 / 5				
	reaction time							2.80	1.91	1.95			# of strides	4.11	2.80		
	interval velocity			7.30			10.71		10.47		10.26	9.29		7.30	10.71		
<b>Sennung, David (SWE) (1991)</b>	time			4.06			6.92		8.84		10.78	10.78	6 / 6				
	reaction time							2.86	1.92	1.94			# of strides	4.06	2.86		
	interval velocity			7.39			10.49		10.42		10.31	9.28		7.39	10.49		
<b>Buhagen, Kristoffer (NOR) (1992)</b>	time			4.10			6.91		8.83		10.83	10.83	2 / 7				
	reaction time							2.81	1.92	2.00			# of strides	4.10	2.81		
	interval 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	

<b>Zirignon, Jean Christian (SWE) (11</b>	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						
		7.37	velocity	10.60	10.42	10.10		7.37	10.60						
<b>Ojuri, Sunday (SWE) (1993)</b>	time		6.98		10.80	10.80	4 / 2								
	reaction time		interval		3.82		# of strides								
			velocity	8.60		10.47			9.26						
<b>Storhaug, Lars Jøran (NOR) (1989</b>	time		7.01		10.83	10.83	5 / 3								
	reaction time		interval		3.82		# of strides								
			velocity	8.56		10.47			9.23						
<b>Lysne, Torbørn (NOR) (1991)</b>	time		7.06		10.87	10.87	5 / 4								
	reaction time		interval		3.81		# of strides								
			velocity	8.50		10.50			9.20						
<b>Rasmussen Osazuwa, Peter Efe (N</b>	time		7.04		10.94	10.94	7 / 5								
	reaction time		interval		3.90		# of strides								
			velocity	8.52		10.26			9.14						
<b>Ewertzh, Jacob (SWE) (1995)</b>	time		7.01		10.96	10.96	8 / 6								
	reaction time		interval		3.95		# of strides								
			velocity	8.56		10.13			9.12						
<b>Rosenberg, Michael (NOR) (1990)</b>	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								100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
				10m	20m	30m	40m	50m	60m	70m	80m						
<b>Tjelta Larsen, Simen (NOR) (1994)</b>	time			4.21		7.05		8.96		10.91	10.91	2 / 1					
	reaction time					2.84		1.91		1.95		# of strides	4.21	2.84			
				7.13		10.56		10.47		10.26	9.17		7.13	10.56			
<b>Morken, Håkon (NOR) (1993)</b>	time					7.14		9.08		10.99	10.99	6 / 2					
	reaction time							1.94		1.91		# of strides					
						8.40		10.31		10.47	9.10						
<b>Touray, Ousman (NOR) (1995)</b>	time					7.13		9.09		11.08	11.08	5 / 3					
	reaction time							1.96		1.99		# of strides					
						8.42		10.20		10.05	9.03						
<b>Larsen, Tormod Hjortnås (NOR) (</b>	time					7.13		9.11		11.12	11.12	4 / 4					
	reaction time							1.98		2.01		# of strides					
						8.42		10.10		9.95	8.99						
<b>Fossøy, Jostein Joshua (NOR) (19</b>	time					7.09		9.08		11.12	11.12	3 / 5					
	reaction time							1.99		2.04		# of strides					
						8.46		10.05		9.80	8.99						
<b>Kåstad, Martin (NOR) (1990)</b>	time					7.33		9.33		11.31	11.31	8 / 6					
	reaction time							2.00		1.98		# of strides					
						8.19		10.00		10.10	8.84						
<b>Meyerdierks, Eddy (SWE) (1995)</b>	time					7.25		9.32		11.41	11.41	7 / 7					
	reaction time							2.07		2.09		# of strides					
						8.28		9.66		9.57	8.76						

**E FINAL**

	date	26-Jul-15	wind	1.1 m/s								100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
				10m	20m	30m	40m	50m	60m	70m	80m						
<b>Lesser, Alexander (SWE) (1993)</b>	time			4.14		7.01		8.93		10.86	10.86	4 / 1					
	reaction time					2.87		1.92		1.93	PB	# of strides	4.14	2.87			
				7.25		10.45		10.42		10.36	9.21		7.25	10.45			
<b>Hellbrat, Douglas (SWE) (1995)</b>	time			4.18		7.13		9.09		11.07	11.07	6 / 2					
	reaction time					2.95		1.96		1.98		# of strides	4.18	2.95			
				7.18		10.17		10.20		10.10	9.03		7.18	10.17			
<b>Helsing, Yonathan (SWE) (1998)</b>	time			4.20		7.21		9.19		11.22	11.22	2 / 3					
	reaction time					3.01		1.98		2.03		# of strides	4.20	3.01			
				7.14		9.97		10.10		9.85	8.91		7.14	9.97			
<b>Dang, Joakim (NOR) (1990)</b>	time			4.17		7.13		9.18		11.31	11.31	7 / 4					
	reaction time					2.96		2.05		2.13		# of strides	4.17	2.96			
				7.19		10.14		9.76		9.39	8.84		7.19	10.14			
<b>Glide, Vebjörn (NOR) (1993)</b>	time			4.22		7.28		9.33		11.41	11.41	8 / 5					







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	
<b>Tärnhuvud, Stefan (SWE) (1985)</b>	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	
<b>Buhagen, Kristoffer (SWE) (1992)</b>	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	
<b>Idås, Anders Erlend (NOR) (1990)</b>	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	
<b>Sennung, David (SWE) (1991)</b>	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
<b>Hagberg, Erik (SWE) (1995)</b>	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	
<b>Armfelt, Carl (SWE) (1984)</b>	time			4.10		6.89		8.75		10.65		10.65	5 / 2			
reaction time	interval					2.79		1.86		1.90		<b>PB</b>	# of strides	4.10	2.79	
	velocity			7.32		10.75		10.75		10.53		9.39		7.32	10.75	
<b>Lilja, Johan (SWE) (1995)</b>	time			4.12		6.92		8.78		10.68		10.68	6 / 3			
reaction time	interval					2.80		1.86		1.90		<b>PB</b>	# of strides	4.12	2.80	
	velocity			7.28		10.71		10.75		10.53		9.36		7.28	10.71	
<b>von Barth, Emil (SWE) (1996)</b>	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	
<b>Zirignon, Jean Christian (SWE) (1991)</b>	time			4.09		6.95		8.87		10.85		10.85	7 / 5			
reaction time	interval					2.86		1.92		1.98		<b>PB</b>	# of strides	4.09	2.86	
	velocity			7.33		10.49		10.42		10.10		9.22		7.33	10.49	
<b>Fossøy, Jostein Joshua (NOR) (1991)</b>	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
<b>Nordkvist, Robin (SWE) (1993)</b>	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	
<b>Storhaug, Lars Jøran (NOR) (1989)</b>	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	
<b>Kjell, Gustaf (SWE) (1996)</b>	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	
<b>Engwall, Andreas (SWE) (1992)</b>	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	
<b>Grønhaug, Jonas Andree (NOR) (1991)</b>	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	
<b>Helsing, Yonathan (SWE) (1998)</b>	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	
<b>Dang, Joakim (NOR) (1990)</b>	time			4.08		6.95		8.86		10.89		10.89	1 / 7			
reaction time	interval	0.167				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/		
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		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						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						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						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) (1989)	time			4.22			7.08		8.98		10.95	10.95	6 / 4			
	reaction time						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						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						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						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						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) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>	
				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								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								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								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								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								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) - <a href="http://www.ssg.se/windsprint/Splittider/">www.ssg.se/windsprint/Splittider/</a>	
				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				11.60	11.60	4 / 1			
	reaction time								3.08				2.16	# of strides	4.29	3.08		
	velocity					6.99			9.74				9.26	8.62		6.99	9.74	
Jonsson, Per (SWE) (1988)	time					4.37			7.44				11.63	11.63	6 / 2			
	reaction time								3.07				2.12	# of strides	4.37	3.07		
	velocity					6.86			9.77				9.43	8.60		6.86	9.77	
Paulsson Bixo, Jonathan (SWE) (1997)	time					4.39			7.48				11.66	11.66	5 / 3			
	reaction time								3.09				2.11	# of strides	4.39	3.09		
	velocity					6.83			9.71				9.48	8.58		6.83	9.71	
Sundqvist, Johan (SWE) (1997)	time					4.47			7.62				11.95	11.95	2 / 4			
	reaction time								3.15				2.19	# of strides	4.47	3.15		
	velocity					6.71			9.52				9.13	8.37		6.71	9.52	
Mårtensson, Oskar (SWE) (1997)	time					4.56			7.81				12.21	12.21	7 / 5			
	reaction time								3.25				2.23	# of strides	4.56	3.25		
	velocity					6.58			9.23				8.97	8.19		6.58	9.23	





	reaction time	0.153	interval velocity		2.00	1.97	1.99	2.02					# of strides
				6.35	10.00	10.15	10.05	9.90	8.98				
<b>Gvušč, Jirí (CZE) (1995)</b>	time			3.17	5.21	7.20	9.19	11.18	11.18				1 / 3
	reaction time	0.150	interval velocity		2.04	1.99	1.99	1.99					# of strides
				6.31	9.80	10.05	10.05	10.05	8.94				
<b>Zálesky, Dominik (CZE) (1995)</b>	time			3.15	5.21	7.24	9.30	11.36	11.36				2 / 4
	reaction time	0.154	interval velocity		2.06	2.03	2.06	2.06					# of strides
				6.35	9.71	9.85	9.71	9.71	8.80				
<b>Fau, Štěpán (CZE) (1995)</b>	time			3.32	5.43	7.46	9.49	11.52	11.52				6 / 5
	reaction time	0.219	interval velocity		2.11	2.03	2.03	2.03					# of strides
				6.02	9.48	9.85	9.85	9.85	8.68				
<b>Klíma, Jakub (CZE) (1995)</b>	time			3.37	5.52	7.58	9.62	11.67	11.67				5 / 6
	reaction time	0.174	interval velocity		2.15	2.06	2.04	2.05					# of strides
				5.93	9.30	9.71	9.80	9.76	8.57				
<b>Kuklík, Jan (CZE) (1996)</b>	time			3.35	5.48	7.53	9.58	11.69	11.69				7 / 7
	reaction time	0.155	interval velocity		2.13	2.05	2.05	2.11					# of strides
				5.97	9.39	9.76	9.76	9.48	8.55				

## Heat 1

		date	28-Jun-14	wind	-3.6 m/s	<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Rezníček, Jakub (CZE) (1995)</b>	time				3.18	5.25	7.21	9.18	11.24	11.24				11.24	6 / 1			
	reaction time	0.137	interval velocity			2.07	1.96	1.97	2.06						# of strides			
					6.29	9.66	10.20	10.15	9.71	8.90								
<b>Ledvína, Jakub (CZE) (1995)</b>	time				3.20	5.28	7.30	9.33	11.46	11.46				11.46	7 / 2			
	reaction time	0.167	interval velocity			2.08	2.02	2.03	2.13						# of strides			
					6.25	9.62	9.90	9.85	9.39	8.73								
<b>Žouželka, Jaroslav (CZE) (1995)</b>	time				3.26	5.38	7.47	9.57	11.72	11.72				11.72	8 / 3			
	reaction time	0.215	interval velocity			2.12	2.09	2.10	2.15						# of strides			
					6.13	9.43	9.57	9.52	9.30	8.53								
<b>Nikodem, František (CZE) (1995)</b>	time				3.26	5.43	7.53	9.65	11.83	11.83				11.83	2 / 4			
	reaction time	0.129	interval velocity			2.17	2.10	2.12	2.18						# of strides			
					6.13	9.22	9.52	9.43	9.17	8.45								
<b>Vostatek, Jakub (CZE) (1995)</b>	time				3.31	5.47	7.57	9.68	11.87	11.87				11.87	1 / 5			
	reaction time	0.161	interval velocity			2.16	2.10	2.11	2.19						# of strides			
					6.04	9.26	9.52	9.48	9.13	8.42								
<b>Korínek, Petr (CZE) (1996)</b>	time				3.32	5.51	7.65	9.80	12.02	12.02				12.02	5 / 6			
	reaction time	0.176	interval velocity			2.19	2.14	2.15	2.22						# of strides			
					6.02	9.13	9.35	9.30	9.01	8.32								
<b>Jarošek, Michal (CZE) (1996)</b>	time				3.33	5.53	7.70	9.87	12.09	12.09				12.09	3 / 7			
	reaction time	0.159	interval velocity			2.20	2.17	2.17	2.22						# of strides			
					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	<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>													
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Procházka, Jáchym (CZE) (1997)</b>	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 velocity			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
					4.85	9.09	9.62	10.20	10.53	10.42	10.42	10.31	10.20	9.90			7.14	10.38	10.31
<b>Kolár, David (CZE) (1997)</b>	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 velocity			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
					4.98	9.01	9.71	10.20	10.31	10.42	10.20	10.10	9.90	9.62			7.23	10.31	10.07
<b>Rapp, Ondrej (CZE) (1997)</b>	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 velocity			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
					4.93	8.70	9.62	10.10	10.20	10.20	10.42	10.10	10.00	9.71			7.11	10.17	10.17
<b>Feigel, Jirí (CZE) (1997)</b>	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 velocity			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
					4.76	9.01	9.71	10.00	10.20	10.31	10.20	9.90	9.90	9.62			7.08	10.17	10.00
<b>Röder, Adam (CZE) (1998)</b>	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 velocity			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
					4.81	9.17	9.43	10.20	10.10	9.90	10.00	9.80	9.62	9.35			7.09	10.07	9.80

<b>Richter, David (CZE) (1998)</b>	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
<b>Moravec, Aleš (CZE) (1998)</b>	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
<b>Dvorák, Filip (CZE) (1997)</b>	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
<b>Heat 3</b>																
	date	28-Jun-14		wind -2.7 m/s		<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>										
		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Röder, Adam (CZE) (1998)</b>	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				
<b>Richter, David (CZE) (1998)</b>	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				
<b>Moravec, Aleš (CZE) (1998)</b>	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				
<b>Dvorák, Filip (CZE) (1997)</b>	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				
<b>Hartych, Vít (CZE) (1997)</b>	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				
<b>Slavíček, Lukáš (CZE) (1997)</b>	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				
<b>Hašek, Josef (CZE) (1997)</b>	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				
<b>Heat 2</b>																
	date	28-Jun-14		wind -4.2 m/s		<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>										
		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Kolár, David (CZE) (1997)</b>	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				
<b>Feigel, Jírí (CZE) (1997)</b>	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				
<b>Habrda, Filip (CZE) (1997)</b>	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				
<b>Schädelbauer, David (CZE) (1997)</b>	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				
<b>Musil, Jan (CZE) (1997)</b>	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				
<b>Urbánek, Petr (CZE) (1998)</b>	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				
<b>Šprna, Dominik (CZE) (1998)</b>	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				
<b>Heat 1</b>																
	date	28-Jun-14		wind -3.9 m/s		<i>Feher (2014) - Final report from the U18 &amp; U20 Czech Republic national championships</i>										
		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Procházka, Jáchym (CZE) (1997)</b>	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			





<b>Kawatsura, Sota (JPN) (1989)</b>	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
<b>Takeshita, Yuki (JPN) (1992)</b>	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
<b>Nogawa, Daichi (JPN) (1991)</b>	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

<b>Kiryu, Yoshihide (JPN) (1995)</b>	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	<b>AJR</b>	# 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
<b>Eriguchi, Masashi (JPN) (1988)</b>	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
<b>Oseto, Kazuma (JPN) (1994)</b>	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
<b>Tsukahara, Naoki (JPN) (1985)</b>	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

<b>Takahira, Shinji (JPN) (1984)</b>	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
<b>Kitamura, Takuya (JPN) (1993)</b>	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
<b>Suetsugu, Shingo (JPN) (1980)</b>	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
<b>Naganuma, Kenji (JPN) (1993)</b>	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

<b>Naoki, Masafumi (JPN) (1993)</b>	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	<b>PB</b>	# 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
<b>Nishigaki, Yoshiya (JPN) (1993)</b>	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
<b>Abiko, Mitsuhiro (JPN) (1988)</b>	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

<b>Ushiro, Keisuke (JPN) (1986)</b>	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	<b>PB</b>	# 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

<b>Otobe, Takumi (JPN) (1989)</b>	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	<b>PB</b>	# 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	





<b>Kling-Baptiste, Tom (SWE) (1990)</b>	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									
<b>Groth, Joel (SWE) (1991)</b>	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
<b>Tärnhuvud, Stefan (SWE) (1985)</b>	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		
<b>Bah, Sulayman (GAM) (1986)</b>	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		
<b>Sennung, David (SWE) (1991)</b>	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		
<b>Skoglund, Björn (SWE) (1991)</b>	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		
<b>Lysne, Torbjörn (NOR) (1990)</b>	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		
<b>Andersson, Patrick (SWE) (1991)</b>	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		
<b>Engwall, Andreas (SWE) (1992)</b>	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		
<b>Zirignon, Jean Christian (SWE) (1991)</b>	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
<b>Ojuri, Sunday (SWE) (1993)</b>	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		
<b>Brusenback, Chris (SWE) (1993)</b>	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		
<b>Armfeldt, Carl (SWE) (1984)</b>	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		
<b>Nordkvist, Robin (SWE) (1993)</b>	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
<b>Karlsson, Alexander (NOR) (1988)</b>	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		
<b>Johnsen, Henrik (NOR) (1986)</b>	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		
<b>Lilja, Johan (SWE) (1995)</b>	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		
<b>Kåstad, Martin (NOR) (1990)</b>	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
<b>Storhaug, Lars Jøran (NOR) (1989)</b>	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
<b>Carlsson, Tobias (SWE) (1991)</b>	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
<b>Nordmark, Daniel (SWE) (1993)</b>	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
<b>Pettersen, Even (NOR) (1993)</b>	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	
<b>Thorshaug, Erik (NOR) (1987)</b>	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	
<b>Waltersson, Jonathan (SWE) (1981)</b>	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	
<b>Buhagen, Kristoffer (NOR) (1992)</b>	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	
<b>Winger, Alexander (SWE) (1989)</b>	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	
<b>Forsberg, Johan (SWE) (1992)</b>	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	
<b>Helsing, Yonathan (SWE) (1998)</b>	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	
<b>Johansson, Oscar (SWE) (1992)</b>	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
<b>Van Wyk, Isaak (RSA) (1989)</b>	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	
<b>Grønnhaug, Jonas (NOR) (1989)</b>	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	
<b>Kjell, Gustav (SWE) (1996)</b>	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	
<b>Andersen, Andres Stokke (NOR) (1992)</b>	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	
<b>Rosenberg, Michael (NOR) (1990)</b>	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	
<b>Thornberg, Nils (SWE) (1994)</b>	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	
<b>Skanche, Per (NOR) (1992)</b>	time			4.25			7.21		9.19		11.23	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	8.90		7.06	10.14
<b>Gjertsen, Martin Trondseth (NOR)</b>	time	4.32	7.30	9.27	11.28	11.28	7 / 8		
	reaction time		2.98	1.97	2.01	2.03	# of strides	4.32	2.98
	velocity	6.94	10.07	10.15	9.95	8.87		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
<b>Ofori, Gilbert (NOR) (1994)</b>	time	4.22		7.14		9.12		11.15				11.15	4 / 1			
	reaction time			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	
<b>Jónsson, Óttar (NOR) (1983)</b>	time	4.25		7.21		9.18		11.22				11.22	6 / 2			
	reaction time			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	
<b>Gerlach, Mikael (SWE) (1984)</b>	time	4.32		7.31		9.32		11.35				11.35	5 / 3			
	reaction time			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	
<b>Näsman, Erik (SWE) (1987)</b>	time	4.31		7.29		9.32		11.46				11.46	3 / 4			
	reaction time			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	
<b>Hjelle, Øivind (NOR) (1991)</b>	time	4.24		7.28		9.34		11.50				11.50	7 / 5			
	reaction time			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	
<b>Jonsson, Per (SWE) (1988)</b>	time	4.43		7.50		9.57		11.73				11.73	8 / 6			
	reaction time			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
<b>Rask, Jesper (SWE) (1997)</b>	time	4.35		7.39		9.48		11.64				11.64	4 / 1			
	reaction time			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	
<b>Hällman, Simon (SWE) (1996)</b>	time	4.51		7.66		9.73		11.83				11.83	5 / 2			
	reaction time			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	
<b>Eriksson, Dennis (SWE) (1993)</b>	time	4.60		7.64		9.73		11.89				11.89	6 / 3			
	reaction time			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	
<b>Eriksson, Daniel (SWE) (1996)</b>	time	4.53		7.70		9.78		11.98				11.98	7 / 4			
	reaction time			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
<b>Magakwe, Simon (RSA) (1985)</b>	time	4.02		6.72		8.50		10.32				10.32	3 / 1			
	reaction time			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	
<b>Nevers, Adolphus (JAM) (1990)</b>	time	3.95		6.65		8.48		10.32				10.32	8 / 2			
	reaction time			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	
<b>Engel, Roscoe (RSA) (1989)</b>	time	4.07		6.77		8.54		10.34				10.34	2 / 3			
	reaction time			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	
<b>Dreyer, Hannes (RSA) (1985)</b>	time	3.99		6.71		8.55		10.44				10.44	6 / 4			
	reaction time			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	
<b>Kling-Baptiste, Tom (SWE) (1990)</b>	time	4.00		6.75		8.58		10.47				10.47	4 / 5			
	reaction time			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	
<b>Tärnhuvud, Stefan (SWE) (1985)</b>	time	4.06		6.79		8.62		10.51				10.51	7 / 6			
	reaction time			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	

<b>Brorsson, Alexander (SWE) (1990)</b>	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		
<b>Brusenback, Chris (SWE) (1993)</b>	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 &amp; 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	
<b>Stromšík, Zdenek (CZE) (1994)</b>	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	<b>NJR</b>	# 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
<b>Maslák, Pavel (CZE) (1991)</b>	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	<b>PB</b>	# 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
<b>Bakalár, Marek (CZE) (1995)</b>	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	<b>PB</b>	# 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
<b>Zich, Václav (CZE) (1990)</b>	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
<b>Šulc, Rostislav (CZE) (1981)</b>	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
<b>Benda, Ondrej (CZE) (1985)</b>	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
<b>Ričar, Martin (CZE) (1991)</b>	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 &amp; 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
<b>Bakalár, Marek (CZE) (1995)</b>	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				
<b>Zich, Václav (CZE) (1990)</b>	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				
<b>Ondráček, Jan (CZE) (1988)</b>	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				
<b>Netymach, Vojtech (CZE) (1995)</b>	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				
<b>Jonáš, Tomáš (CZE) (1994)</b>	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				
<b>Feher, Jan (CZE) (1986)</b>	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				
<b>Lecjaks, Martin (CZE) (1990)</b>	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				
<b>Novák, Luboš (CZE) (1988)</b>	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 &amp; 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
<b>Maslák, Pavel (CZE) (1991)</b>	time			3.06		4.99		6.83		8.70		10.64	10.64	4 / 1			

	reaction time	0.159	interval velocity		1.93	1.84	1.87	1.94		# of strides
				6.54	10.36	10.87	10.70	10.31	9.40	
<b>Šulc, Rostislav (CZE) (1981)</b>	time			3.11	5.08	6.97	8.89	10.91	10.91	5 / 2
	reaction time	0.152	interval velocity		1.97	1.89	1.92	2.02		# of strides
				6.43	10.15	10.58	10.42	9.90	9.17	
<b>Milo, Lukáš (CZE) (1983)</b>	time			3.06	5.03	6.93	8.90	10.95	10.95	6 / 3
	reaction time	0.124	interval velocity		1.97	1.90	1.97	2.05		# of strides
				6.54	10.15	10.53	10.15	9.76	9.13	
<b>Petrák, Miloslav (CZE) (1993)</b>	time			3.04	5.02	6.94	8.93	11.00	11.00	7 / 4
	reaction time	0.140	interval velocity		1.98	1.92	1.99	2.07		# of strides
				6.58	10.10	10.42	10.05	9.66	9.09	
<b>Nohava, Vojtěch (CZE) (1992)</b>	time			3.09	5.09	7.01	8.99	11.00	11.00	3 / 5
	reaction time	0.129	interval velocity		2.00	1.92	1.98	2.01		# of strides
				6.47	10.00	10.42	10.10	9.95	9.09	
<b>Svoboda, Vojtěch (CZE) (1995)</b>	time			3.15	5.19	7.14	9.15	11.23	11.23	2 / 6
	reaction time	0.139	interval velocity		2.04	1.95	2.01	2.08		# of strides
				6.35	9.80	10.26	9.95	9.62	8.90	
<b>Feigel, Jirí (CZE) (1997)</b>	time			3.17	5.18	7.13	9.15	11.23	11.23	1 / 7
	reaction time	0.177	interval velocity		2.01	1.95	2.02	2.08		# of strides
				6.31	9.95	10.26	9.90	9.62	8.90	
<b>Kuta, Radim (CZE) (1990)</b>	time			3.23	5.28	7.25	9.31	11.41	11.41	8 / 8
	reaction time	0.180	interval velocity		2.05	1.97	2.06	2.10		# of strides
				6.19	9.76	10.15	9.71	9.52	8.76	

## Heat 1

		date	15-Jun-13		wind	1.4 m/s										<i>Feher (2013) - Final report from the men's &amp; women's Czech Republic national championships</i>			
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>Stromšík, Zdenek (CZE) (1994)</b>	time			2.99		4.87		6.68		8.50		10.36	10.36	4 / 1					
	reaction time	0.152	interval velocity			1.88		1.81		1.82		1.86	<b>NJR</b>	# of strides					
				6.69		10.64		11.05		10.99		10.75	9.65						
<b>Kadlec, Marcel (CZE) (1994)</b>	time			3.05		4.95		6.78		8.65		10.58	10.58	5 / 2					
	reaction time	0.173	interval velocity			1.90		1.83		1.87		1.93	<b>PB</b>	# of strides					
				6.56		10.53		10.93		10.70		10.36	9.45						
<b>Benda, Ondrej (CZE) (1985)</b>	time			3.11		5.06		6.95		8.86		10.84	10.84	3 / 3					
	reaction time	0.169	interval velocity			1.95		1.89		1.91		1.98		# of strides					
				6.43		10.26		10.58		10.47		10.10	9.23						
<b>Ričar, Martin (CZE) (1991)</b>	time			3.10		5.06		6.95		8.87		10.86	10.86	2 / 4					
	reaction time	0.121	interval velocity			1.96		1.89		1.92		1.99		# of strides					
				6.45		10.20		10.58		10.42		10.05	9.21						
<b>Sobotka, Ondrej (CZE) (1989)</b>	time			3.17		5.15		7.05		8.98		10.96	10.96	6 / 5					
	reaction time	0.152	interval velocity			1.98		1.90		1.93		1.98		# of strides					
				6.31		10.10		10.53		10.36		10.10	9.12						
<b>Kuptík, Ondrej (CZE) (1991)</b>	time			3.17		5.14		7.05		9.00		11.01	11.01	8 / 6					
	reaction time	0.201	interval velocity			1.97		1.91		1.95		2.01		# of strides					
				6.31		10.15		10.47		10.26		9.95	9.08						
<b>Klvana, Filip (CZE) (1977)</b>	time			3.15		5.18		7.14		9.11		11.15	11.15	7 / 7					
	reaction time	0.131	interval velocity			2.03		1.96		1.97		2.04		# of strides					
				6.35		9.85		10.20		10.15		9.80	8.97						
<b>Macháček, Martin (CZE) (1990)</b>	time			3.13		5.15		7.11		9.12		11.17	11.17	1 / 8					
	reaction time	0.166	interval velocity			2.02		1.96		2.01		2.05		# of strides					
				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												<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>			
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
<b>Kawatsura, Sota (JPN) (1989)</b>	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 velocity			1.07	0.96	0.92	0.91	0.91	0.90	0.92	0.94	# of strides	3.91	2.74	2.74				
				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												<i>Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance</i>			
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
<b>Ushiro, Keisuke (JPN) (1986)</b>	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	<i>Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance</i>												
		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	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	<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>													
		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	0.88	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	<i>Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013</i>													
		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	0.88	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	11.11	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	<i>Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance</i>													
		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	<i>Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance</i>												
		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	10.53	10.42	10.00	9.30		7.37	10.60	10.53

**2013 European Indoor Championships (Göteborg, SWE)****FINAL**

date	02-Mar-13	<i>Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx</i>														
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	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		
Dasalu, 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) (1994)	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		
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	29.7
				11.11	9.06

<b>Aikines-Aryeetey, Harry (GBR) (19)</b>	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	28.7
					9.05	

<b>Biron, Emmanuel (FRA) (1988)</b>	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	29.0
					9.05	

**Semi-Final 1**

date 02-Mar-13

Blomkvist (2013) - [www.elitlandslag.se/SprintHack/KortSprint.aspx](http://www.elitlandslag.se/SprintHack/KortSprint.aspx)

		10m	20m	30m	40m	50m	60m		Official Time	Lane / Place	0-30m	30-60m
<b>Tärnhuvud, Stefan (SWE) (1985)</b>	time	2.98	4.86	6.67	6.67	6.67	6.67		6.67	8 / 6		
reaction time	0.145	interval	1.88	1.81	# of strides			PB				
		velocity	6.71	10.64	11.05	9.00	31.0					

<b>Kling-Baptiste, Tom (SWE) (1990)</b>	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	27.2
					8.92	

**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
<b>Motoshio, Ryo (JPN) (1990)</b>	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	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
<b>Ushiro, Keisuke (JPN) (1986)</b>	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	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

Mačkala (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
<b>Bolt, Usain (JAM) (1986)</b>	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			Mačkala (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	10.38	41.0	7.81	11.90	12.30
<b>Blake, Yohan (JAM) (1989)</b>	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	11.90	11.76	11.63	11.36	10.26	45.7	7.98	11.72	11.76
<b>Gatlin, Justin (USA) (1982)</b>	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		

<b>Tyson, Gay (USA) (1982)</b>	0.145	no information available										DQ	9.80	4 / 4	# of strides	45.2
<b>Bailey, Ryan (USA) (1989)</b>	0.176	no information available										PB	9.88	8 / 5	# of strides	43.2
<b>Martina, Churandy (NED) (1984)</b>	0.139	no information available										9.94	9 / 6	# of strides	45.5	
<b>Thompson, Richard (TRI) (1985)</b>	0.160	no information available										9.98	2 / 7	# of strides	44.0	

<b>Powell, Asafa (JAM) (1982)</b>	time	1.85	2.86	3.75	4.60	5.46						11.99	3 / 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
<b>Oseto, Kazuma (JPN) (1994)</b>	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
<b>Hashimoto, Akiyuki (JPN) (1994)</b>	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
<b>Sanuki, Nariyoshi (JPN) (1994)</b>	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
<b>Kiryu, Yoshihide (JPN) (1995)</b>	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
<b>Kanamori, Kazuki (JPN) (1994)</b>	time	5.93	6.84	7.76	8.71	9.66	10.63	10.63	3 / 5	
	reaction time		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
<b>Uozato, Yusuke (JPN) (1994)</b>	time	5.92	6.83	7.75	8.70	9.66	10.65	10.65	1 / 6	
	reaction time		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
<b>Koike, Yuki (JPN) (1995)</b>	time	5.93	6.85	7.77	8.72	9.67	10.65	10.65	2 / 7	
	reaction time		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
<b>Kawakami, Takuya (JPN) (1995)</b>	time	5.88	6.79	7.73	8.69	9.66	10.67	10.67	9 / 8	
	reaction time		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
<b>Suda, Hayato (JPN) (1994)</b>	time	5.85	6.76	7.69	8.66	9.65	10.68	10.68	8 / 9	
	reaction time		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](http://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
<b>Collio, Simone (ITA) (1979)</b>	time			3.99		6.70		8.49		10.34	10.34	/ 1				
	reaction time					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		
<b>Dreyer, Hannes (RSA) (1985)</b>	time			3.95		6.70		8.53		10.43	10.43	/ 2				
	reaction time					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		
<b>Tärnhuvud, Stefan (SWE) (1985)</b>	time			4.03		6.78		8.62		10.52	10.52	/ 3				
	reaction time					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		
<b>Colvert, Steven (IRL) (1990)</b>	time			4.11		6.87		8.68		10.53	10.53	/ 4				
	reaction time					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		
<b>Olsson, Benjamin (SWE) (1991)</b>	time			4.11		6.92		8.75		10.64	10.64	/ 5				
	reaction time					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		
<b>Sennung, David (SWE) (1991)</b>	time			4.11		6.92		8.78		10.69	10.69	/ 6				
	reaction time					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		
<b>Rose, Odain (SWE) (1992)</b>	time			4.03		6.88		8.81		11.15	11.15	/ 7				
	reaction time					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](http://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
<b>de Oliveira, Nil (SWE) (1986)</b>	time			4.06		6.81		8.63		10.49	10.49	/ 1				
	reaction time					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		
<b>Hession, Paul (IRL) (1983)</b>	time			4.07		6.85		8.66		10.53	10.53	/ 2				
	reaction time					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		
<b>Åberg, Oskar (SWE) (1989)</b>	time			4.08		6.90		8.77		10.71	10.71	/ 3				
	reaction time					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		
<b>Armfelt, Carl (SWE) (1984)</b>	time			4.13		7.02		8.92		10.89	10.89	/ 4				
	reaction time					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		
<b>Karlsson, Alexander (NOR) (1988)</b>	time			4.18		7.04		8.93		10.91	10.91	/ 5				
	reaction time					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		
<b>Wulff, Jonathan (SWE) (1994)</b>	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	
<b>Darkwah, Tony (SWE) (1986)</b>	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](http://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
<b>Lysne, Torbjørn (NOR) (1990)</b>	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	
<b>Ojuri, Sunday (SWE) (1993)</b>	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	
<b>Engwall, Andreas (SWE) (1992)</b>	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	
<b>Fossøy, Jostein (NOR) (1992)</b>	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	
<b>Brännström, André (SWE) (1987)</b>	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	
<b>Hollund, Jarle (NOR) (1988)</b>	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	
<b>Nordkvist, Robin (SWE) (1993)</b>	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](http://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
<b>Andersson, David (SWE) (1985)</b>	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	
<b>Øien, Vegard (NOR) (1990)</b>	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	
<b>Buhagen, Kristoffer (NOR) (1992)</b>	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	
<b>Ofori, Gilbert (NOR) (1994)</b>	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	
<b>Storhaug, Lars Jøran (NOR) (1989)</b>	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	
<b>Zirignon, Jean Christian (SWE) (1991)</b>	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	
<b>Grønnhaug, Jonas (NOR) (1989)</b>	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](http://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
<b>Elvung-Nilsson, Viktor (SWE) (1999)</b>	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	
<b>Lilja, Johan (SWE) (1995)</b>	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	





<b>Takahira, Shinji (JPN) (1984)</b>	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
<b>Kimura, Shintaro (JPN) (1987)</b>	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	<i>Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance</i>											
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Ushiro, Keisuke (JPN) (1986)</b>	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	<i>Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance</i>											
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Nakamura, Akihiko (JPN) (1990)</b>	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	<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>										
		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Žilka, Libor (CZE) (1986)</b>	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			
<b>Maslák, Pavel (CZE) (1991)</b>	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			
<b>Zich, Václav (CZE) (1990)</b>	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	0.93	<b>PB</b>	# 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			
<b>Štastný, Lukáš (CZE) (1991)</b>	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	<b>PB</b>	# 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			
<b>Šulc, Vojtech (CZE) (1986)</b>	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	<b>PB</b>	# 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			
<b>Bakalár, Marek (CZE) (1995)</b>	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			
<b>Kadlec, Marcel (CZE) (1994)</b>	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			
<b>Šulc, Rostislav (CZE) (1981)</b>	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	<i>Feher (2012) - Czech Republic indoor national championships - men's 60m</i>										
		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
<b>Maslák, Pavel (CZE) (1991)</b>	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			
<b>Zich, Václav (CZE) (1990)</b>	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			
<b>Štastný, Lukáš (CZE) (1991)</b>	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			
<b>Kadlec, Marcel (CZE) (1994)</b>	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			
<b>Benda, Ondrej (CZE) (1985)</b>	time	2.02	3.14	4.15	5.11	6.05	7.04	7.04	7 / 5				

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	0.149	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		7.23	10.38
<b>Krsek, Ivo (CZE) (1993)</b>		time	1.98	3.11	4.15	5.10	6.05	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		7.23	10.38
<b>Lecjaks, Martin (CZE) (1990)</b>		time	2.03	3.20	4.23	5.22	6.21	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		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
<b>Žilka, Libor (CZE) (1986)</b>		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	
<b>Šulc, Vojtech (CZE) (1986)</b>		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	
<b>Bakalár, Marek (CZE) (1995)</b>		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	
<b>Šulc, Rostislav (CZE) (1981)</b>		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	
<b>Vojtík, Jirí (CZE) (1981)</b>		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	
<b>Hrnčír, Jan (CZE) (1992)</b>		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
<b>Štastný, Lukáš (CZE) (1991)</b>		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	
<b>Zich, Václav (CZE) (1990)</b>		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	
<b>Šulc, Rostislav (CZE) (1981)</b>		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	
<b>Krsek, Ivo (CZE) (1993)</b>		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	
<b>Lecjaks, Martin (CZE) (1990)</b>		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	
<b>Hain, Christian (CZE) (1993)</b>		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
<b>Maslák, Pavel (CZE) (1991)</b>		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	
<b>Bakalár, Marek (CZE) (1995)</b>		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	
<b>Vojtík, Jirí (CZE) (1981)</b>		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	



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				
<b>Frater, Michael (JAM) (1982)</b>	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	
<b>Bolt, Usain (JAM) (1986)</b>	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				
<b>Carter, Nester (JAM) (1985)</b>	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	
<b>Nashimoto, Masaki (JPN) (1993)</b>	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			
<b>Oseto, Kazuma (JPN) (1994)</b>	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			
<b>Cambridge, Aska (JPN) (1993)</b>	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			
<b>Tsunakawa, Hayato (JPN) (1993)</b>	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			
<b>Hashimoto, Akiyuki (JPN) (1994)</b>	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			
<b>Kanamori, Kazuki (JPN) (1994)</b>	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			
<b>Suwa, Tatsuro (JPN) (1994)</b>	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			
<b>Onabuta, Yu (JPN) (1994)</b>	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			
<b>Tsukamoto, Kazuya (JPN) (1994)</b>	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
<b>Harvey, Jacques (JAM) (1989)</b>	time			3.91			6.53			8.24			10.03		
reaction time	interval					2.62				1.71			1.79		
	velocity			7.67		11.45		11.70		11.17		9.97	7.67		11.45
<b>Colio, Simone (ITA) (1979)</b>	time			3.93			6.60			8.34			10.16		
reaction time	interval					2.67				1.74			1.82		
	velocity			7.63		11.24		11.49		10.99		9.84	7.63		11.24
<b>Dwyer, Rasheed (JAM) (1989)</b>	time			3.94			6.65			8.42			10.24		
reaction time	interval					2.71				1.77			1.82		
	velocity			7.61		11.07		11.30		10.99		9.77	7.61		11.07
<b>Tärnhuvud, Stefan (SWE) (1985)</b>	time			3.98			6.67			8.46			10.33		
reaction time	interval					2.69				1.79			1.87		
												5 / 4	3.98 2.69		

velocity	7.54	11.15	11.17	10.70	9.68	7.54	11.15
<b>Kling-Baptiste, Tom (SWE) (1990)</b>	time	4.02	6.79	8.60	10.47	10.47	1 / 5
reaction time	interval	2.77	1.81	1.87	1.87	# of strides	4.02 2.77
velocity	7.46	10.83	11.05	10.70	9.55	7.46	10.83
<b>Wilks, Terrel (USA) (1989)</b>	time	3.99	6.74	8.56	10.49	10.49	2 / 6
reaction time	interval	2.75	1.82	1.93	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/									Official Time	Lane / Place	0-30m	30-60m	60-90m
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m					
<b>de Oliveira, Nil (SWE) (1986)</b>	time	4.02	6.73	8.52	10.34	10.34	5 / 1									
reaction time	interval	2.71	1.79	1.82	1.82	# of strides	4.02 2.71									
velocity	7.46	11.07	11.17	10.99	9.67	7.46	11.07									
<b>Rose, Odain (SWE) (1992)</b>	time	3.95	6.75	8.62	10.55	10.55	6 / 2									
reaction time	interval	2.80	1.87	1.93	1.93	# of strides	3.95 2.80									
velocity	7.59	10.71	10.70	10.36	9.48	7.59	10.71									
<b>Sennung, David (SWE) (1991)</b>	time	4.06	6.85	8.70	10.61	10.61	4 / 3									
reaction time	interval	2.79	1.85	1.91	1.91	# of strides	4.06 2.79									
velocity	7.39	10.75	10.81	10.47	9.43	7.39	10.75									
<b>Zail, Emil (SWE) (1987)</b>	time	4.08	6.88	8.74	10.67	10.67	2 / 4									
reaction time	interval	2.80	1.86	1.93	1.93	<b>PB</b>	# of strides	4.08 2.80								
velocity	7.35	10.71	10.75	10.36	9.37	7.35	10.71									
<b>Sebabi, Nasser (SWE) (1982)</b>	time	4.06	6.87	8.73	10.68	10.68	3 / 5									
reaction time	interval	2.81	1.86	1.95	1.95	<b>PB</b>	# 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/									Official Time	Lane / Place	0-30m	30-60m	60-90m
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m					
<b>Mogstad, Christian Settemslis (NOI)</b>	time	4.07	6.86	8.70	10.62	10.62	7 / 1									
reaction time	interval	2.79	1.84	1.92	1.92	# of strides	4.07 2.79									
velocity	7.37	10.75	10.87	10.42	9.42	7.37	10.75									
<b>Donati, Roberto (ITA) (1983)</b>	time	4.07	6.88	8.76	10.70	10.70	1 / 2									
reaction time	interval	2.81	1.88	1.94	1.94	# of strides	4.07 2.81									
velocity	7.37	10.68	10.64	10.31	9.35	7.37	10.68									
<b>Karlsson, Alexander (NOR) (1988)</b>	time	4.09	6.93	8.81	10.76	10.76	4 / 3									
reaction time	interval	2.84	1.88	1.95	1.95	# of strides	4.09 2.84									
velocity	7.33	10.56	10.64	10.26	9.29	7.33	10.56									
<b>Krabbe, Martin (DEN) (1985)</b>	time	4.01	6.84	8.76	10.79	10.79	8 / 4									
reaction time	interval	2.83	1.92	2.03	2.03	# of strides	4.01 2.83									
velocity	7.48	10.60	10.42	9.85	9.27	7.48	10.60									
<b>Armfelt, Carl (SWE) (1984)</b>	time	4.09	6.96	8.86	10.81	10.81	3 / 5									
reaction time	interval	2.87	1.90	1.95	1.95	# of strides	4.09 2.87									
velocity	7.33	10.45	10.53	10.26	9.25	7.33	10.45									
<b>Wocalewski, Jan (SWE) (1993)</b>	time	4.12	6.97	8.87	10.83	10.83	5 / 6									
reaction time	interval	2.85	1.90	1.96	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/									Official Time	Lane / Place	0-30m	30-60m	60-90m
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m					
<b>Lysne, Torbjörn (NOR) (1990)</b>	time	4.22	7.05	8.91	10.80	10.80	2 / 1									
reaction time	interval	2.83	1.86	1.89	1.89	# of strides	4.22 2.83									
velocity	7.11	10.60	10.75	10.58	9.26	7.11	10.60									
<b>Waltersson, Jonathan (SWE) (1989)</b>	time	4.14	7.00	8.88	10.82	10.82	4 / 2									
reaction time	interval	2.86	1.88	1.94	1.94	# of strides	4.14 2.86									
velocity	7.25	10.49	10.64	10.31	9.24	7.25	10.49									
<b>Wulff, Jonathan (SWE) (1994)</b>	time	4.21	7.04	8.93	10.90	10.90	1 / 3									
reaction time	interval	2.83	1.89	1.97	1.97	# of strides	4.21 2.83									
velocity	7.13	10.60	10.58	10.15	9.17	7.13	10.60									
<b>Storhaug, Lars Jøran (NOR) (1989)</b>	time	4.15	7.05	8.95	10.93	10.93	8 / 4									
reaction time	interval	2.90	1.90	1.98	1.98	# of strides	4.15 2.90									
velocity	7.23	10.34	10.53	10.10	9.15	7.23	10.34									

<b>Ojori, Sunday (SWE) (1993)</b>	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
<b>Nilsson, Nils-Göran (SWE) (1988)</b>	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
<b>Engwall, Andreas (SWE) (1992)</b>	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
<b>Lang, Jesper (SWE) (1992)</b>	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/](http://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
<b>Skoglund, Björn (SWE) (1991)</b>	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	
<b>Johansson, Oscar (SWE) (1992)</b>	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	
<b>Thessén, Emil (SWE) (1994)</b>	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	
<b>Grønnaug, Jonas (SWE) (1989)</b>	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	
<b>Söderqvist, Per-Erik (SWE) (1987)</b>	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	
<b>Kallur, Martin (SWE) (1991)</b>	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	
<b>Forsberg, Johan (SWE) (1992)</b>	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/](http://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
<b>Lilja, Johan (SWE) (1995)</b>	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	
<b>Näsman, Erik (SWE) (1987)</b>	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	
<b>Øien, Vegard (NOR) (1990)</b>	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	
<b>Goldman, Daniel (SWE) (1979)</b>	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	
<b>Thomberg, Nils (SWE) (1994)</b>	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	
<b>Ekholm, Andrej (SWE) (1989)</b>	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	
<b>Jonsson, Per (SWE) (1988)</b>	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	





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	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/](http://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
<b>Roach, Kimhari (JAM) (1990)</b>	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	
<b>Barnes, Winston (JAM) (1988)</b>	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	
<b>Edwards, Monzavous (Rae) (USA)</b>	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	
<b>Moseley, Ryan (AUT) (1982)</b>	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	
<b>Robertson, Andrew (GBR) (1990)</b>	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	
<b>Bodrov, Igor (UKR) (1987)</b>	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	
<b>Tärnhuvud, Stefan (SWE) (1985)</b>	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	
<b>de Oliveira, Nil (SWE) (1986)</b>	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/](http://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
<b>Åberg, Oskar (SWE) (1989)</b>	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	
<b>Johansson, Fredrik (SWE) (1986)</b>	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	
<b>Zail, Emil (SWE) (1987)</b>	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	
<b>Rose, Odain (SWE) (1992)</b>	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	
<b>Sennung, David (SWE) (1991)</b>	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	
<b>Andersson, Patrik (SWE) (1991)</b>	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	
<b>Persson, Daniel (SWE) (1982)</b>	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/](http://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
<b>Brännström, André (SWE) (1987)</b>	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	
<b>Armfelt, Carl (SWE) (1984)</b>	time				4.18			7.05		8.92		10.86	10.86	/ 2			
	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
<b>Andersson, Andreas (SWE) (1991)</b>	time	4.21	7.11	9.01	10.97	10.97	/ 3		
	reaction time	interval	2.90	1.90	1.96	1.96	# of strides	4.21	2.90
	velocity	7.13	10.34	10.53	10.20	9.12		7.13	10.34
<b>Larsson, Niklas (SWE) (1985)</b>	time	4.29	7.17	9.06	11.01	11.01	/ 4		
	reaction time	interval	2.88	1.89	1.95	1.95	# of strides	4.29	2.88
	velocity	6.99	10.42	10.58	10.26	9.08		6.99	10.42
<b>Wocalewski, Jan (SWE) (1993)</b>	time	4.23	7.17	9.09	11.07	11.07	/ 5		
	reaction time	interval	2.94	1.92	1.98	1.98	# of strides	4.23	2.94
	velocity	7.09	10.20	10.42	10.10	9.03		7.09	10.20
<b>Wulff, Jonathan (SWE) (1994)</b>	time	4.27	7.21	9.17	11.24	11.24	/ 6		
	reaction time	interval	2.94	1.96	2.07	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/](http://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
<b>Zetterberg, Johan (SWE) (1984)</b>	time			4.12			7.04		9.00		11.03	11.03	/ 1			
	reaction time			interval			2.92		1.96		2.03	2.03	# of strides	4.12	2.92	
	velocity			7.28			10.27		10.20		9.85	9.07		7.28	10.27	
<b>Waltersson, Jonathan (SWE) (1981)</b>	time			4.21			7.20		9.15		11.16	11.16	/ 2			
	reaction time			interval			2.99		1.95		2.01	2.01	# of strides	4.21	2.99	
	velocity			7.13			10.03		10.26		9.95	8.96		7.13	10.03	
<b>Öberg, Sebastian (SWE) (1986)</b>	time			4.24			7.18		9.18		11.28	11.28	/ 3			
	reaction time			interval			2.94		2.00		2.10	2.10	# of strides	4.24	2.94	
	velocity			7.08			10.20		10.00		9.52	8.87		7.08	10.20	
<b>Ekholm, Andrej (SWE) (1989)</b>	time			4.31			7.30		9.31		11.40	11.40	/ 4			
	reaction time			interval			2.99		2.01		2.09	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/](http://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
<b>Näsman, Erik (SWE) (1987)</b>	time			4.34			7.40		9.47		11.63	11.63	/ 1			
	reaction time			interval			3.06		2.07		2.16	2.16	# of strides	4.34	3.06	
	velocity			6.91			9.80		9.66		9.26	8.60		6.91	9.80	
<b>Jonsson, Per (SWE) (1988)</b>	time			4.38			7.50		9.57		11.70	11.70	/ 2			
	reaction time			interval			3.12		2.07		2.13	2.13	# of strides	4.38	3.12	
	velocity			6.85			9.62		9.66		9.39	8.55		6.85	9.62	
<b>Persson, Marcus (SWE) (1994)</b>	time			4.36			7.44		9.52		11.70	11.70	/ 3			
	reaction time			interval			3.08		2.08		2.18	2.18	# of strides	4.36	3.08	
	velocity			6.88			9.74		9.62		9.17	8.55		6.88	9.74	
<b>Thornberg, Nils (SWE) (1994)</b>	time			4.41			7.66		9.82		12.03	12.03	/ 4			
	reaction time			interval			3.25		2.16		2.21	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
<b>Gehne, Felix (GER) (1993)</b>	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	1.95	# 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	
<b>Domogala, Patrick (GER) (1993)</b>	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	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	
<b>Huke, Maurice (GER) (1993)</b>	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	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	
<b>Hock, Jochen (GER) (1993)</b>	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	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	
<b>Lohmann, Jonas (GER) (1993)</b>	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	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	

<b>Schwarze, Dennis (GER) (1993)</b>	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		

<b>Mittler, Fabian (GER) (1993)</b>	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
<b>Mittler, Fabian (GER) (1993)</b>	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
<b>Lohmann, Jonas (GER) (1993)</b>	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
<b>Domogala, Patrick (GER) (1993)</b>	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
<b>Erewa, Robin (GER) (1991)</b>	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	<b>PB</b>	# 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					
<b>Kirstges, Marcel (GER) (1991)</b>	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	<b>PB</b>	# 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					
<b>Stinski, Timo (GER) (1992)</b>	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					
<b>Schmidt, Roy (GER) (1991)</b>	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					
<b>Pieper, Christopher (GER) (1992)</b>	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					
<b>Kuhn, Patrick (GER) (1992)</b>	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					
<b>Wobeto, Philipp (GER) (1991)</b>	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					
<b>Michel, Andreas (GER) (1992)</b>	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
<b>Pieper, Christopher (GER) (1992)</b>	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	<b>PB</b>	# 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					
<b>Wobeto, Philipp (GER) (1991)</b>	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					
<b>Michel, Andreas (GER) (1992)</b>	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) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a>		
			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					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					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					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					1.07		1.92	0.93	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					1.07		1.96	0.94	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					1.07		1.97	0.94	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					1.10		1.96	0.95	0.96	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					1.08		1.97	0.98	0.96	0.99	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					1.07		1.99	0.94	0.97	0.96	0.98	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	
Miyachi, 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					1.10		2.01	0.97	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					1.09		2.01	0.97	0.98	0.98	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) - performance 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					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	9.90	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					1.10	1.00	0.97	0.96	0.96	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 (????) - a study on scientific data usage 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						10.48	10.48	5 / 5				
	reaction time	0.136							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 (????) - a study on scientific data usage 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						10.47	10.47	/ 2				
	reaction time								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	wind	<i>Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride</i>														
		06-Jun-10	1.2 m/s	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Miyazaki, Hisashi (JPN) (1981)</b>	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

**Heat 4**

		date	wind	<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>														
		05-Jun-10	1.8 m/s	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Eriguchi, Masashi (JPN) (1988)</b>	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

**Heat 2**

		date	wind	<i>Takikawa (????) - a study on scientific data usage model and development process of 100m performance</i>														
		05-Jun-10	-0.3 m/s	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Sakuma, Kota (JPN) (1985)</b>	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	wind	<i>Takikawa (????) - a study on scientific data usage model and development process of 100m performance</i>														
		15-May-10	0.0 m/s	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Tsukahara, Naoki (JPN) (1985)</b>	time					3.90			6.63				10.30	10.30	1 / 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	
<b>Sakuma, Kota (JPN) (1985)</b>	time					3.98			6.74				10.46	10.46	2 / 2			
	reaction time		interval						2.76				3.72		# of strides	3.98	2.76	
			velocity			7.54			10.87				10.75	9.56	7.54	10.87		

???

		date	wind	<i>Takikawa (????) - a study on scientific data usage model and development process of 100m performance</i>														
		15-May-10	???	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Miyazaki, Hisashi (JPN) (1981)</b>	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	wind	<i>Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride</i>														
		08-May-10	0.0 m/s	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Frater, Michael (JAM) (1982)</b>	time			1.93	3.00	3.94	4.84	5.73	6.62	7.50	8.40	9.31	10.24	10.24	1 / 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
<b>Tsukahara, Naoki (JPN) (1985)</b>	time			1.93	2.99	3.95	4.86	5.77	6.67	7.57	8.48	9.41	10.36	10.36	3 / 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

**2010 Mikio Oda Memorial (Hiroshima, JPN)****FINAL**

		date	wind	<i>Takikawa (????) - a study on scientific data usage model and development process of 100m performance</i>														
		29-Apr-10	-0.1 m/s	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Sakuma, Kota (JPN) (1985)</b>	time					3.99			6.73				10.42	10.42	1 / 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	wind	<i>Takikawa (????) - a study on scientific data usage model and development process of 100m performance</i>														
		29-Apr-10	1.6 m/s	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Fujimitsu, Kenji (JPN) (1986)</b>	time					3.96			6.71				10.40	10.40	1 / 1			
	reaction time		interval						2.75				3.69	<b>PB</b>	# of strides	3.96	2.75	
			velocity			7.58			10.91				10.84	9.62	46.1	7.58	10.91	

**Heat 2**

		date	wind	<i>Takikawa (????) - a study on scientific data usage model and development process of 100m performance</i>														
		29-Apr-10	0.3 m/s	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Sakuma, Kota (JPN) (1985)</b>	time					3.95			6.69				10.37	10.37	1 / 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	

???

		date	wind	<i>Takikawa (????) - a study on scientific data usage model and development process of 100m performance</i>														
		29-Apr-10	???	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Saito, Hitoshi (JPN) (1986)</b>	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	wind	<i>Hisashi (2012) - performance analysis of Japanese record holder Keisuke Ushiro</i>														
		24-Apr-10	1.9 m/s	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

<b>Ushiro, Keisuke (JPN) (1986)</b>	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	<b>PB</b>	# 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	<i>Takeo (2014) - decathletes sprint ability and the relationship of the individual event performance</i>												
		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Nakamura, Akihiko (JPN) (1990)</b>	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	<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>												
		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Gay, Tyson (USA) (1982)</b>	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 Championships (Tokyo, JPN)****???**

date	04-Sep-09	wind	???	<i>Takikawa (???) - a study on scientific data usage model and development process of 100m performance</i>												
		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Saito, Hitoshi (JPN) (1986)</b>	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	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>												
		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Coertzen, Willem (RSA) (1982)</b>	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	<b>PB</b>	# of strides			
		velocity	6.37		10.26		10.42		10.53		10.10	9.18				
<b>Wiberg, Nicklas (SWE) (1985)</b>	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	<b>PB</b>	# of strides			
		velocity	6.35		10.20		10.36		10.36		10.05	9.12				
<b>Arnold, Jake (USA) (1984)</b>	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	<b>=PB</b>	# of strides			
		velocity	6.39		10.15		10.20		10.36		9.90	9.08				
<b>Barras, Romain (FRA) (1980)</b>	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	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>												
		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Behrenbruch, Pascal (GER) (1985)</b>	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				
<b>Müller, Norman (GER) (1985)</b>	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				
<b>Sintnicolaas, Eelco (NED) (1987)</b>	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				
<b>Suárez, Leonel (CUB) (1987)</b>	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	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>												
		<b>10m</b>	<b>20m</b>	<b>30m</b>	<b>40m</b>	<b>50m</b>	<b>60m</b>	<b>70m</b>	<b>80m</b>	<b>90m</b>	<b>100m</b>	<b>Official Time</b>	<b>Lane / Place</b>	<b>0-30m</b>	<b>30-60m</b>	<b>60-90m</b>
<b>Hardee, Trey (USA) (1984)</b>	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				
<b>Eaton, Ashton (USA) (1988)</b>	time		3.00		4.90		6.77		8.61		10.53	10.53	2 / 2			
reaction time	0.162	interval			1.90		1.87		1.84		1.92		# of strides			
		velocity	6.67		10.53		10.70		10.87		10.42	9.50				
<b>García, Yordanis (CUB) (1988)</b>	time		3.05		4.96		6.83		8.68		10.60	10.60	8 / 3			
reaction time	0.156	interval			1.91		1.87		1.85		1.92	<b>PB</b>	# of strides			
		velocity	6.56		10.47		10.70		10.81		10.42	9.43				

<b>Kasyanov, Oleksiy (UKR) (1985)</b>	time	3.08	5.01	6.89	8.73	10.63	10.63	6 / 4
	reaction time	0.162	interval	1.93	1.88	1.84	1.90	# of strides
	velocity	6.49	10.36	10.64	10.87	10.53	9.41	
<b>Bouraada, Larbi (ALG) (1988)</b>	time	3.10	5.04	6.92	8.77	10.68	10.68	1 / 6
	reaction time	0.131	interval	1.94	1.88	1.85	1.91	<b>PB</b> # of strides
	velocity	6.45	10.31	10.64	10.81	10.47	9.36	
<b>Raja, Andres (EST) (1982)</b>	time	3.11	5.08	6.98	8.87	10.82	10.82	3 / 7
	reaction time	0.159	interval	1.97	1.90	1.89	1.95	# of strides
	velocity	6.43	10.15	10.53	10.58	10.26	9.24	

**Decathlon - Heat 2**

	date	19-Aug-09	wind	-0.3 m/s	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Pogorelov, Aleksandr (RUS) (1980)</b>	time		3.17	5.15	7.07	8.97	10.95	10.95	7 / 1								
	reaction time	0.168	interval	1.98	1.92	1.90	1.98	# of strides									
	velocity	6.31	10.10	10.42	10.53	10.10	9.13										
<b>Cleve, Moritz (GER) (1987)</b>	time	3.21	5.23	7.17	9.08	11.06	11.06	2 / 2									
	reaction time	0.172	interval	2.02	1.94	1.91	1.98	<b>PB</b> # of strides									
	velocity	6.23	9.90	10.31	10.47	10.10	9.04										
<b>Šebrle, Roman (CZE) (1974)</b>	time	3.17	5.17	7.13	9.08	11.16	11.16	8 / 3									
	reaction time	0.160	interval	2.00	1.96	1.95	2.08	# of strides									
	velocity	6.31	10.00	10.20	10.26	9.62	8.96										
<b>Krauchanka, Andrei (BLR) (1986)</b>	time	3.20	5.22	7.19	9.15	11.18	11.18	4 / =5									
	reaction time	0.169	interval	2.02	1.97	1.96	2.03	# of strides									
	velocity	6.25	9.90	10.15	10.20	9.85	8.94										
<b>Martineau, Eugène (NED) (1980)</b>	time	3.18	5.21	7.18	9.15	11.18	11.18	6 / =5									
	reaction time	0.124	interval	2.03	1.97	1.97	2.03	# of strides									
	velocity	6.29	9.85	10.15	10.15	9.85	8.94										

**Decathlon - Heat 1**

	date	19-Aug-09	wind	0.3 m/s	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Sysoyev, Aleksey (RUS) (1985)</b>	time	3.17	5.15	7.06	8.93	10.85	10.85	4 / 1									
	reaction time	0.144	interval	1.98	1.91	1.87	1.92	# of strides									
	velocity	6.31	10.10	10.47	10.70	10.42	9.22										
<b>Karpov, Dmitriy (KAZ) (1981)</b>	time	3.19	5.18	7.12	9.03	11.02	11.02	6 / 2									
	reaction time	0.158	interval	1.99	1.94	1.91	1.99	# of strides									
	velocity	6.27	10.05	10.31	10.47	10.05	9.07										
<b>Kharlamov, Vasiliy (RUS) (1986)</b>	time	3.14	5.13	7.12	9.12	11.22	11.22	7 / 3									
	reaction time	0.184	interval	1.99	1.99	2.00	2.10	<b>PB</b> # of strides									
	velocity	6.37	10.05	10.05	10.00	9.52	8.91										

**FINAL**

	date	16-Aug-09	wind	0.9 m/s	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Bolt, Usain (JAM) (1986)</b>	time	1.88	2.88	3.78	4.64	5.47	6.29	7.10	7.92	8.74	9.58	9.58	4 / 1				<i>Graubner (2011)</i>
	reaction time	0.146	interval	1.00	0.90	0.86	0.83	0.82	0.81	0.82	0.82	0.84	<b>WR</b>	# of strides	3.78	2.51	2.45
	velocity	5.32	10.00	11.11	11.63	12.05	12.20	12.35	12.20	12.20	11.90	10.44	40.9	7.94	11.95	12.24	
<b>Gay, Tyson (USA) (1982)</b>	time	1.91	2.93	3.84	4.70	5.54	6.36	7.19	8.02	8.86	9.71	9.71	5 / 2				<i>Graubner (2011)</i>
	reaction time	0.144	interval	1.02	0.91	0.86	0.84	0.82	0.83	0.83	0.84	0.85	<b>AR</b>	# of strides	3.84	2.52	2.50
	velocity	5.24	9.80	11.11	11.63	12.05	12.20	12.35	12.20	12.20	11.90	10.44	40.9	7.94	11.95	12.24	
<b>Powell, Asafa (JAM) (1982)</b>	time	1.88	2.90	3.83	4.71	5.56	6.40	7.24	8.09	8.95	9.84	9.84	6 / 3				<i>Graubner (2011)</i>
	reaction time	0.134	interval	1.02	0.93	0.88	0.85	0.84	0.84	0.85	0.86	0.89	# of strides	3.83	2.57	2.55	
	velocity	5.32	9.80	10.75	11.36	11.76	11.90	11.90	11.76	11.63	11.24	10.16	44.5	7.83	11.67	11.76	
<b>Bailey, Daniel (ANT) (1986)</b>	time	2.92	3.85	4.73	5.61	6.48	7.36	8.24	9.12	10.00	10.88	10.88	3 / 4				<i>Graubner (2009)</i>
	reaction time	0.129	interval	0.93	0.88	0.85	0.84	0.83	0.83	0.84	0.85	0.86	# of strides	3.85	2.63		
	velocity	6.85	10.75	11.36	11.43	11.43	11.43	11.43	11.43	11.43	11.43	10.07	47.8	7.79	11.41		
<b>Thompson, Richard (TTO) (1985)</b>	time	2.90	3.83	4.71	5.59	6.45	7.33	8.21	9.09	9.97	10.85	10.85	8 / 5				<i>Graubner (2009)</i>
	reaction time	0.119	interval	0.93	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	# of strides	3.83	2.62		
	velocity	6.90	10.75	11.36	11.49	11.49	11.49	11.49	11.49	11.49	11.49	10.07	43.7	7.83	11.45		
<b>Chambers, Dwain (GBR) (1978)</b>	time	2.93	3.86	4.75	5.63	6.50	7.38	8.26	9.14	10.02	10.90	10.90	1 / 6				<i>Graubner (2009)</i>
	reaction time	0.123	interval	0.93	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	# of strides	3.86	2.64		
	velocity	6.83	10.75	11.24	11.43	11.43	11.43	11.43	11.43	11.43	11.24	10.00	42.7	7.77	11.36		

<b>Burns, Marc (TTO) (1983)</b>	time	2.94	3.87	4.76	6.52	8.24	10.00	10.00	2 / 7	<i>Graubner (2009)</i>
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
<b>Patton, Darvis (USA) (1977)</b>	time	2.96	3.93	4.85	6.65	8.42	10.34	10.34	7 / 8	<i>Graubner (2009)</i>
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
<b>Gay, Tyson (USA) (1982)</b>	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					
<b>Powell, Asafa (JAM) (1982)</b>	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					
<b>Thompson, Richard (TTO) (1985)</b>	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					
<b>Chambers, Dwain (GBR) (1978)</b>	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					
<b>Frater, Michael (JAM) (1982)</b>	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					
<b>Edwards, Monzavous (Rae) (USA)</b>	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					
<b>Phiri, Gerald (ZAM) (1988)</b>	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					
<b>Tsukahara, Naoki (JPN) (1985)</b>	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
<b>Bolt, Usain (JAM) (1986)</b>	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					
<b>Bailey, Daniel (ANT) (1986)</b>	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					
<b>Patton, Darvis (USA) (1977)</b>	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					
<b>Burns, Marc (TTO) (1983)</b>	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					
<b>Rodgers, Michael (USA) (1985)</b>	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					
<b>Mbandjock, Martial (FRA) (1985)</b>	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					
<b>Saidy Ndure, Jaysuma (NOR) (1982)</b>	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					
<b>Edgar, Tyrone (GBR) (1982)</b>	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



<b>Bailey, Daniel (ANT) (1986)</b>	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		7.71	11.54
<b>Bolt, Usain (JAM) (1986)</b>	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		7.79	11.45
<b>Edwards, Monzavous (Rae) (USA)</b>	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		7.56	11.15
<b>Martina, Churandy (AHO) (1984)</b>	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		7.39	11.19
<b>Williamson, Simeon (GBR) (1986)</b>	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		7.59	11.15
<b>Palacios, Rolando (HON) (1987)</b>	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		7.48	11.15
<b>Callender, Emmanuel (TTO) (1984)</b>	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		7.61	11.07
<b>Kuć, Dariusz (POL) (1986)</b>	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		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
<b>Gay, Tyson (USA) (1982)</b>	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				
<b>Frater, Michael (JAM) (1982)</b>	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				
<b>Saidy Ndure, Jaysuma (NOR) (1984)</b>	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				
<b>Hinds, Andrew (BAR) (1984)</b>	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				
<b>Griffith, Adrian (BAH) (1984)</b>	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				
<b>Metu, Obinna (NGR) (1988)</b>	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				
<b>Cerutti, Fabio (ITA) (1985)</b>	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				
<b>Rodríguez, Ángel David (ESP) (1984)</b>	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
<b>Powell, Asafa (JAM) (1982)</b>	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				
<b>Patton, Darvis (USA) (1977)</b>	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				
<b>Burns, Marc (TTO) (1983)</b>	time	2.97	3.91	4.81	6.59	8.32	10.12	10.12	8 / 3							



velocity	6.56	10.31	10.75	10.99	11.17	10.87	9.62	7.46	10.91	
<b>Eriguchi, Masashi (JPN) (1988)</b>	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
<b>Rodgers, Michael (USA) (1985)</b>	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							
<b>Tsukahara, Naoki (JPN) (1985)</b>	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							
<b>Harris, Adam (GUY) (1980)</b>	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							
<b>Gittens, Ramon (BAR) (1987)</b>	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							
<b>Nabe, Cédric (SUI) (1983)</b>	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
<b>Gay, Tyson (USA) (1982)</b>	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							
<b>Collins, Kim (SKN) (1976)</b>	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							
<b>Cerutti, Fabio (ITA) (1985)</b>	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							
<b>Hyman, Kemar (CAY) (1989)</b>	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
<b>Thompson, Richard (TTO) (1985)</b>	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							
<b>Edgar, Tyrone (GBR) (1982)</b>	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							
<b>Magakwe, Simon (RSA) (1985)</b>	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							
<b>Zakari, Aziz (GHA) (1976)</b>	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
<b>Bolt, Usain (JAM) (1986)</b>	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							
<b>Phiri, Gerald (ZAM) (1988)</b>	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							
<b>Ogho-Ogene, Egwero (NGR) (1988)</b>	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
<b>Barnett, Brian (CAN) (1987)</b>	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
<b>Moreira, Jose Carlos (BRA) (1983)</b>	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
<b>Francis, Samuel (QAT) (1987)</b>	time		2.99	3.93	4.83	6.62	8.39	10.21	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	
<b>Callender, Emmanuel (TTO) (1984)</b>	time		2.98	3.93	4.84	6.63	8.40	10.24	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	
<b>Martina, Churandy (AHO) (1984)</b>	time		3.06	4.02	4.94	6.73	8.47	10.26	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	
<b>Grueso, Daniel (COL) (1985)</b>	time		3.05	4.01	4.92	6.71	8.46	10.27	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	
<b>Palacios, Rolando (HON) (1987)</b>	time		3.02	3.98	4.90	6.71	8.48	10.28	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
<b>Hinds, Andrew (BAR) (1984)</b>	time		3.00	3.96	4.87	6.67	8.46	10.30	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	
<b>Williamson, Simeon (GBR) (1986)</b>	time		3.04	4.00	4.91	6.71	8.50	10.34	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	
<b>Pognon, Ronald (FRA) (1982)</b>	time		3.03	3.98	4.89	6.71	8.49	10.35	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	
<b>Keller, Martin (GER) (1986)</b>	time		3.03	4.00	4.92	6.74	8.52	10.35	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	
<b>Rodríguez, Ángel David (ESP) (1991)</b>	time		3.01	3.98	4.90	6.74	8.54	10.39	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	
<b>de Moraes, Basilio (BRA) (1982)</b>	time		3.04	4.02	4.96	6.82	8.66	10.54	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
<b>Lemaitre, Christophe (FRA) (1990)</b>	time		3.05	4.00	4.90	6.68	8.44	10.23	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	
<b>Burns, Marc (TTO) (1983)</b>	time		2.99	3.94	4.85	6.66	8.45	10.39	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	
<b>Kuć, Dariusz (POL) (1986)</b>	time		3.00	3.97	4.89	6.72	8.56	10.46	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	
	velocity	6.67	10.31	10.87	10.93	10.87	10.53	9.56							7.56	10.91	
<b>Moseley, Ryan (AUT) (1982)</b>	time		3.01	3.99	4.92	6.70	8.64	10.58	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	



<b>Eriguchi, Masashi (JPN) (1988)</b>	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	<i>Akirabun (2010)</i>		
	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
<b>Al-Harhi, Barakat (OMA) (1988)</b>	time		2.93	3.93	4.87		6.70		8.52		10.41	10.41	5 / 4	<i>Graubner (2009)</i>		
	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	
<b>Schwab, Stefan (GER) (1987)</b>	time		2.96	3.92	4.84		6.70		8.56		10.50	10.50	8 / 5	<i>Graubner (2009)</i>		
	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***Heat 1**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
<b>Frater, Michael (JAM) (1982)</b>	time		2.98	3.93	4.84		6.62		8.40		10.30	10.30	6 / 1	<i>Graubner (2009)</i>		
	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	
<b>Abrantes, Amaldo (POR) (1986)</b>	time		3.02	3.99	4.91		6.75		8.55		10.41	10.41	4 / 2	<i>Graubner (2009)</i>		
	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	
<b>Kimura, Shintaro (JPN) (1987)</b>	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	<i>Akirabun (2010)</i>		
	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
<b>Collio, Simone (ITA) (1979)</b>	time		3.01	3.99	4.93		6.77		8.60		10.49	10.49	7 / 4	<i>Graubner (2009)</i>		
	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	
<b>Osovnikar, Matic (SLO) (1980)</b>	time		3.04	4.03	4.97		6.82		8.64		10.52	10.52	5 / 5	<i>Graubner (2009)</i>		
	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*

<b>Kuki, Takumi (JPN) (1992)</b>	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	0.93	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
<b>Iizuka, Shota (JPN) (1991)</b>	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	
<b>Onabuta, Ryo (JPN) (1991)</b>	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	10.75		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*

<b>Kuki, Takumi (JPN) (1992)</b>	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	0.93	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*

<b>Kuki, Takumi (JPN) (1992)</b>	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	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/*

<b>Barnes, Winston (JAM) (1988)</b>	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	
<b>Hinds, Andrew (BAR) (1984)</b>	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	
	velocity			7.65			11.24		11.49		10.75	9.81		7.65	11.24	
<b>Waugh, Ainsley (JAM) (1981)</b>	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	

<b>Sturdivant, Andre (USA) (1981)</b>	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
<b>Lawson, Chris (USA) (1983)</b>	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
<b>Tärnhuvud, Stefan (SWE) (1985)</b>	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
<b>Mogstad, Christian Settemsl (NOR)</b>	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
<b>Morlu, Abraham (LBR) (1981)</b>	time	4.14					/ --		
	reaction time	interval				dnf	# 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
<b>de Oliveira, Nil (BRA) (1986)</b>	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
<b>Zail, Emil (SWE) (1987)</b>	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
<b>Sebabi, Nasser (SWE) (1982)</b>	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
<b>Johansson, Fredrik (SWE) (1986)</b>	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
<b>Karlsson, Erik (SWE) (1987)</b>	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
<b>Nilsson, Niklas (SWE) (1987)</b>	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
<b>Hyde, Nicklas (DEN) (1986)</b>	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
<b>Rose, Odain (SWE) (1992)</b>	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
<b>Lindberg, Erik (SWE) (1987)</b>	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
<b>Hilmersson, Jonas (SWE) (1988)</b>	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
<b>Waltersson, Jonathan (SWE) (1984)</b>	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
<b>Zetterberg, Johan (SWE) (1984)</b>	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
<b>Ohlström, Morgan (SWE) (1991)</b>	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
<b>Angell-Petersen, Børge (NOR) (1991)</b>	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
<b>Døhlie, Petter Gire (NOR) (1985)</b>	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
<b>Riis, Jacob (DEN) (1984)</b>	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/](http://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
<b>Näsman, Erik (SWE) (1987)</b>	time			4.30	7.34	9.36	11.50	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				8.70		6.98	9.87	
<b>Åselius, Erik (SWE) (1989)</b>	time			4.39	7.44	9.45	11.56	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				8.65		6.83	9.84	
<b>Sakshaug, Ola (NOR) (1984)</b>	time			4.51	7.67	9.85	12.06	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				8.29		6.65	9.49	
<b>Barkhall, Matias (NOR) (1983)</b>	time			4.41	7.73	9.85	12.16	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				8.22		6.80	9.04	
<b>Solberg, Mats (NOR) (1993)</b>	time			4.51	7.80	9.97	12.27	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				8.15		6.65	9.12	
<b>Storsve, Ingar (NOR) (1987)</b>	time			4.52	7.82	10.07	12.49	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				8.01		6.64	9.09	

**2009 Japanese National Championships (Hiroshima, JPN)****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

<b>Nagasawa, Shun (JPN) (1985)</b>	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			
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
<b>Eriguchi, Masashi (JPN) (1988)</b>	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		7.77	11.45	11.28
<b>Arao, Shogo (JPN) (1988)</b>	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 (???) - a study on scientific data usage 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

<b>Kojima, Shigeyuki (JPN) (1979)</b>	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
<b>Kato, Kodai (JPN) (1986)</b>	time			4.02			6.77				10.46	10.46	4 / 5			Takikawa (???)
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

<b>Kimura, Shintaro (JPN) (1987)</b>	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

<b>Tsukahara, Naoki (JPN) (1985)</b>	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		7.71	11.32	11.32
<b>Nii, Yusuke (JPN) (1984)</b>	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	<b>PB</b>	# 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
<b>Tanaka, Hiromasa (JPN) (1981)</b>	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	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	10.00	9.80	9.52	9.09		7.39	10.34	10.03
<b>Ushiro, Keisuke (JPN) (1986)</b>	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	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
<b>Ikeda, Daisuke (JPN) (1986)</b>	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	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	10.00	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
<b>Bailey, Daniel (ANT) (1986)</b>	time	2.96	3.89	4.78	5.61	6.51	7.36	8.26	9.11	10.03	10.03	10.03	/ 1			
	reaction time	0.204	interval	0.93	0.89	0.89	1.73	1.75	1.77	1.77	1.77		# of strides	3.89	2.62	
		velocity	6.76	10.75	11.24	11.56	11.56	11.43	11.43	11.30	11.30	9.97		7.71	11.45	
<b>Williamson, Simeon (GBR) (1986)</b>	time	2.95	3.90	4.80	5.65	6.55	7.40	8.33	9.18	10.13	10.13	10.13	/ 2			
	reaction time	0.187	interval	0.95	0.90	0.90	1.75	1.78	1.80	1.80	1.80		# of strides	3.90	2.65	
		velocity	6.78	10.53	11.11	11.43	11.43	11.24	11.24	11.11	11.11	9.87		7.69	11.32	
<b>Burns, Marc (TTO) (1983)</b>	time	2.95	3.89	4.79	5.63	6.53	7.38	8.32	9.17	10.15	10.15	10.15	/ 3			
	reaction time	0.184	interval	0.94	0.90	0.90	1.74	1.79	1.83	1.83	1.83		# of strides	3.89	2.64	
		velocity	6.78	10.64	11.11	11.49	11.49	11.17	11.17	10.93	10.93	9.85		7.71	11.36	
<b>Edwards, Monzavous (Rae) (USA)</b>	time	3.02	3.97	4.88	5.72	6.63	7.48	8.39	9.24	10.16	10.16	10.16	/ 4			
	reaction time	0.184	interval	0.95	0.91	0.91	1.75	1.76	1.76	1.77	1.77		# of strides	3.97	2.66	
		velocity	6.62	10.53	10.99	11.43	11.43	11.36	11.36	11.30	11.30	9.84		7.56	11.28	
<b>Francis, Samuel (QAT) (1987)</b>	time	3.01	3.95	4.85	5.70	6.60	7.45	8.38	9.23	10.19	10.19	10.19	/ 5			
	reaction time	0.187	interval	0.94	0.90	0.90	1.75	1.78	1.81	1.81	1.81		# of strides	3.95	2.65	
		velocity	6.64	10.64	11.11	11.43	11.43	11.24	11.24	11.05	11.05	9.81		7.59	11.32	
<b>Mbandjock, Martial (FRA) (1985)</b>	time	3.06	4.01	4.92	5.77	6.68	7.53	8.44	9.29	10.22	10.22	10.22	/ 6			
	reaction time	0.151	interval	0.95	0.91	0.91	1.76	1.76	1.78	1.78	1.78		# of strides	4.01	2.67	
		velocity	6.54	10.53	10.99	11.36	11.36	11.36	11.36	11.24	11.24	9.78		7.48	11.24	
<b>Pognon, Ronald (FRA) (1982)</b>	time	3.04	3.99	4.90	5.75	6.67	7.52	8.47	9.32	10.29	10.29	10.29	/ 7			
	reaction time	0.143	interval	0.95	0.91	0.91	1.77	1.80	1.82	1.82	1.82		# of strides	3.99	2.68	
		velocity	6.58	10.53	10.99	11.30	11.11	11.11	10.99	10.99	10.99	9.72		7.52	11.19	
<b>Schwab, Stefan (GER) (1987)</b>	time	2.95	3.90	4.81	5.66	6.61	7.46	8.46	9.31	10.35	10.35	10.35	/ 8			
	reaction time	0.177	interval	0.95	0.91	0.91	1.80	1.85	1.89	1.89	1.89		# of strides	3.90	2.71	
		velocity	6.78	10.53	10.99	11.11	11.11	10.81	10.58	10.58	10.58	9.66		7.69	11.07	
<b>Dasaolu, James (GBR) (1987)</b>	time	2.97	3.91	4.81	5.66	6.56	7.41	8.36	9.21	10.64	10.64	10.64	/ 9			
	reaction time	0.178	interval	0.94	0.90	0.90	1.75	1.80	1.80	2.28	2.28		# of strides	3.91	2.65	
		velocity	6.73	10.64	11.11	11.43	11.43	11.11	11.11	8.77	9.40	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
<b>Devonish, Marlon (GBR) (1976)</b>	time	3.00	3.95	4.86	5.71	6.65	7.50	8.45	9.30	10.25	10.25	10.25	/ 1			
	reaction time	0.164	interval	0.95	0.91	0.91	1.79	1.80	1.80	1.80	1.80		# of strides	3.95	2.70	
		velocity	6.67	10.53	10.99	11.17	11.17	11.11	11.11	11.11	11.11	9.76		7.59	11.11	
<b>Aikines-Aryeetey, Harry (GBR) (1987)</b>	time	3.02	3.99	4.91	5.76	6.69	7.54	8.50	9.35	10.30	10.30	10.30	/ 2			
	reaction time	0.161	interval	0.97	0.92	0.92	1.78	1.81	1.81	1.80	1.80		# of strides	3.99	2.70	
		velocity	6.62	10.31	10.87	11.24	11.24	11.05	11.05	11.11	11.11	9.71		7.52	11.11	
<b>Edgar, Tyrone (GBR) (1982)</b>	time	2.98	3.94	4.85	5.70	6.64	7.49	8.48	9.33	10.33	10.33	10.33	/ 3			
	reaction time	0.136	interval	0.96	0.91	0.91	1.79	1.84	1.85	1.85	1.85		# of strides	3.94	2.70	
		velocity	6.71	10.42	10.99	11.17	11.17	10.87	10.87	10.81	10.81	9.68		7.61	11.11	
<b>KuĆ, Dariusz (POL) (1986)</b>	time	3.03	3.99	4.90	5.75	6.72	7.57	8.57	9.42	10.43	10.43	10.43	/ 4			
	reaction time	0.220	interval	0.96	0.91	0.91	1.82	1.85	1.86	1.86	1.86		# of strides	3.99	2.73	
		velocity	6.60	10.42	10.99	10.99	10.99	10.81	10.75	10.75	10.75	9.59		7.52	10.99	

<b>Oriala, Chinedu (NGR) (1981)</b>	time	3.01	3.99	4.92	6.74	8.59	10.44	10.44	/ 5									
	reaction time	0.190			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						
<b>Kosenkow, Alexander (GER) (1977)</b>	time	3.02	4.00	4.93	6.77	8.65	10.53	10.53	/ 6									
	reaction time	0.159			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						
<b>Pessonneau, Pierre-Alexis (FRA)</b>	time	3.04	4.03	4.97	6.81	8.68	10.58	10.58	/ 7									
	reaction time	0.176			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						
<b>Keller, Martin (GER) (1986)</b>	time	3.12	4.11	5.05	6.88	8.75	10.64	10.64	/ 8									
	reaction time	0.197			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						
<b>Dreyer, Hannes (RSA) (1985)</b>	time	3.01	3.99	4.93	6.81	8.75	10.70	10.70	/ 9									
	reaction time	0.172			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	
<b>Helmke, Till (GER) (1984)</b>	time	3.08	4.06	5.00	6.83	8.69	10.52	10.52	/ 1								
	reaction time	0.162			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					
<b>van Luijk, Patrick (NED) (1984)</b>	time	3.10	4.10	5.04	6.88	8.72	10.53	10.53	/ 2								
	reaction time	0.226			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					
<b>Broening, Marius (GER) (1983)</b>	time	3.06	4.04	4.97	6.79	8.66	10.56	10.56	/ 3								
	reaction time	0.205			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					
<b>Ernst, Sebastian (GER) (1984)</b>	time	3.04	4.03	4.97	6.81	8.71	10.59	10.59	/ 4								
	reaction time	0.177			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					
<b>Šulc, Rostislav (CZE) (1981)</b>	time	3.11	4.11	5.05	6.91	8.81	10.68	10.68	/ 5								
	reaction time	0.167			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					
<b>Nowak, Marcin (POL) (1977)</b>	time	3.04	4.02	4.96	6.82	8.74	10.69	10.69	/ 6								
	reaction time	0.193			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					
<b>Wieser, Stefan (GER) (1984)</b>	time	3.12	4.10	5.04	6.88	8.78	10.69	10.69	/ 7								
	reaction time	0.191			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					
<b>Meshoe, Tshegofatso (RSA) (1987)</b>	time	3.12	4.13	5.08	6.96	8.86	10.75	10.75	/ 8								
	reaction time	0.164			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					
<b>Spier, Virgil (NED) (1981)</b>	time	3.19	4.20	5.16	7.01	8.90	10.79	10.79	/ 9								
	reaction time	0.202			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 (????) - a study on scientific data usage 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
<b>Tsukahara, Naoki (JPN) (1985)</b>	time			3.93			6.57				10.13	10.13	/ 1			
	reaction time						2.64				3.56	<b>PB</b>	# 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
<b>Saito, Hitoshi (JPN) (1986)</b>	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		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
<b>Takahira, Shinji (JPN) (1984)</b>	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		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
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**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
<b>Blanton, DaBryan (USA) (1984)</b>	time				3.90		5.71	6.61	6.61	2 / 1		
	reaction time	0.136					1.81	0.90		# of strides	3.90	2.71
	interval								9.08	29.2	7.69	11.07
	velocity				7.69		11.05	11.11				
<b>Emelieze, Peter (NGR) (1988)</b>	time				3.89		5.72	6.63	6.63	3 / 2		
	reaction time	0.104					1.83	0.91		# of strides	3.89	2.74
	interval								9.05	31.0	7.71	10.95
	velocity				7.71		10.93	10.99				
<b>Norman, Josh (USA) (1980)</b>	time				3.92		5.74	6.64	6.64	4 / 3		
	reaction time	0.127					1.82	0.90		# of strides	3.92	2.72
	interval								9.04	29.7	7.65	11.03
	velocity				7.65		10.99	11.11				
<b>Collio, Simone (ITA) (1979)</b>	time				3.95		5.76	6.64	6.64	6 / 4		
	reaction time	0.137					1.81	0.88		# of strides	3.95	2.69
	interval								9.04	30.0	7.59	11.15
	velocity				7.59		11.05	11.36				
<b>Omole, Demi (USA) (1985)</b>	time				3.93		5.76	6.66	6.66	5 / 5		
	reaction time	0.137					1.83	0.90		# of strides	3.93	2.73
	interval								9.01	30.2	7.63	10.99
	velocity				7.63		10.93	11.11				
<b>Edwards, Monzavous (Rae) (USA)</b>	time				3.99		5.78	6.67	6.67	1 / 6		
	reaction time	0.159					1.79	0.89		# of strides	3.99	2.68
	interval								9.00	29.5	7.52	11.19
	velocity				7.52		11.17	11.24				
<b>de Lima, Vicente (BRA) (1977)</b>	time				3.95		5.78	6.69	6.69	8 / 7		
	reaction time	0.161					1.83	0.91		# of strides	3.95	2.74
	interval								8.97	30.0	7.59	10.95
	velocity				7.59		10.93	10.99				
<b>Collins, Kim (SKN) (1976)</b>	time				3.96		5.79	6.70	6.70	7 / 8		
	reaction time	0.149					1.83	0.91		# of strides	3.96	2.74
	interval								8.96	31.0	7.58	10.95
	velocity				7.58		10.93	10.99				

**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
<b>Norman, Josh (USA) (1980)</b>	time				3.90		5.72	6.63	6.63	7 / 1		
	reaction time	0.119					1.82	0.91		# of strides	3.90	2.73
	interval								9.05	29.5	7.69	10.99
	velocity				7.69		10.99	10.99				
<b>Collio, Simone (ITA) (1979)</b>	time				3.94		5.75	6.66	6.66	5 / 2		
	reaction time	0.142					1.81	0.91		# of strides	3.94	2.72
	interval								9.01	29.2	7.61	11.03
	velocity				7.61		11.05	10.99				
<b>Blanton, DaBryan (USA) (1984)</b>	time				3.91		5.76	6.67	6.67	6 / 3		
	reaction time	0.146					1.85	0.91		# of strides	3.91	2.76
	interval								9.00	29.0	7.67	10.87
	velocity				7.67		10.81	10.99				
<b>Edwards, Monzavous (Rae) (USA)</b>	time				4.01		5.81	6.68	6.68	1 / 4		
	reaction time	0.149					1.80	0.87		# of strides	4.01	2.67
	interval								8.98	29.5	7.48	11.24
	velocity				7.48		11.11	11.49				
<b>Phillips, Dwight (USA) (1977)</b>	time				3.97		5.80	6.72	6.72	2 / 5		
	reaction time	0.161					1.83	0.92		# of strides	3.97	2.75
	interval								8.93	28.7	7.56	10.91
	velocity				7.56		10.93	10.87				
<b>Pognon, Ronald (FRA) (1982)</b>	time				4.01		5.85	6.75	6.75	3 / 6		
	reaction time	0.142					1.84	0.90		# of strides	4.01	2.74
	interval								8.89	29.0	7.48	10.95
	velocity				7.48		10.87	11.11				
<b>Stevens, Kendall (USA) (1983)</b>	time				3.98		5.86	6.78	6.78	4 / 7		
	reaction time	0.159					1.88	0.92		# of strides	3.98	2.80
	interval								8.85	29.0	7.54	10.71
	velocity				7.54		10.64	10.87				
<b>van Tonder, Le Roux (RSA) (1988)</b>	time				4.04		5.93	6.88	6.88	8 / 8		
	reaction time	0.138					1.89	0.95		# of strides	4.04	2.84
	interval								8.72	29.7	7.43	10.56
	velocity				7.43		10.58	10.53				

**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
<b>Omole, Demi (USA) (1985)</b>	time				3.89		5.70	6.60	6.60	5 / 1		
	reaction time	0.135					1.81	0.90		# of strides	3.89	2.71
	interval								9.09	30.2	7.71	11.07
	velocity				7.71		11.05	11.11				

<b>Emelieze, Peter (NGR) (1988)</b>	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									
<b>Collins, Kim (SKN) (1976)</b>	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									
<b>de Lima, Vicente (BRA) (1977)</b>	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									
<b>Moreira, Jose Carlos (BRA) (1983)</b>	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									
<b>Yepishin, Andrey (RUS) (1981)</b>	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									
<b>Moore, Carlos (USA) (1984)</b>	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									
<b>Gomez, Mathieu (FRA) (1986)</b>	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
<b>Asahara, Nobuharu (JPN) (1972)</b>	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					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
					5.08	9.52	10.42	10.99	10.99	11.24	11.11	10.99	10.87	9.64		7.54	11.07	10.99
<b>Tsukahara, Naoki (JPN) (1985)</b>	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						1.05	0.95	0.92	0.91	0.90	0.91	0.92	0.94		# of strides	3.99	2.73	2.73
					5.03	9.52	10.53	10.87	10.99	11.11	11.11	10.99	10.87	9.62		7.52	10.99	10.99
<b>Suetsugu, Shingo (JPN) (1980)</b>	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						1.06	0.96	0.93	0.90	0.90	0.92	0.92	0.96		# of strides	4.00	2.73	2.74
					5.05	9.43	10.42	10.75	11.11	11.11	11.11	10.87	10.42	9.59		7.50	10.99	10.95
<b>Takahira, Shinji (JPN) (1984)</b>	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						1.05	0.96	0.92	0.92	0.91	0.91	0.93	0.94		# of strides	4.02	2.75	2.78
					4.98	9.52	10.42	10.87	10.87	10.99	10.99	10.75	10.64	9.51		7.46	10.91	10.79

## 2008 Japanese National University Championships (Tokyo, JPN)

## Semi-Final 1

		date	13-Sep-08	wind	0.9 m/s	Takikawa (????) - a study on scientific data usage 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
<b>Saito, Hitoshi (JPN) (1986)</b>	time					3.96				6.71			10.36	10.36	/ 2			
reaction time										2.75			3.65		# of strides	3.96	2.75	
						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
<b>Powell, Asafa (JAM) (1982)</b>	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
<b>Carter, Nesta (JAM) (1985)</b>	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
<b>Frater, Michael (JAM) (1982)</b>	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
<b>Collins, Kim (SKN) (1976)</b>	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	
<b>Burns, Marc (TTO) (1983)</b>	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	
<b>Rodgers, Michael (USA) (1985)</b>	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	
<b>Pognon, Ronald (FRA) (1982)</b>	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	
<b>Devonish, Marlon (GBR) (1976)</b>	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
<b>Bolt, Usain (JAM) (1986)</b>	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	0.83	0.90	<b>WR</b>	# 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
<b>Thompson, Richard (TRI) (1985)</b>	time			3.78			6.40		8.13		9.89	9.89	5 / 2			
	reaction time			0.133			interval		2.62		1.76	<b>PB</b>	# of strides	3.78	2.62	
	velocity			7.94			11.45		11.56		11.36	10.11	44.2	7.94	11.45	
<b>Dix, Walter (USA) (1986)</b>	time			3.85			6.46		8.18		9.91	9.91	6 / 3			
	reaction time			0.133			interval		2.61		1.73	<b>PB</b>	# of strides	3.85	2.61	
	velocity			7.79			11.49		11.63		11.56	10.09	48.5	7.79	11.49	
<b>Martina, Churandy (AHO) (1984)</b>	time			3.92			6.53		8.23		9.93	9.93	9 / 4			
	reaction time			0.169			interval		2.61		1.70	<b>NR PB</b>	# of strides	3.92	2.61	
	velocity			7.65			11.48		11.79		11.76	10.07	46.5	7.65	11.48	
<b>Powell, Asafa (JAM) (1982)</b>	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	
<b>Frater, Michael (JAM) (1982)</b>	time			3.85			6.48		8.21		9.97	9.97	2 / 6			
	reaction time			0.147			interval		2.63		1.73	<b>PB</b>	# of strides	3.85	2.63	
	velocity			7.79			11.41		11.56		11.36	10.03	49.5	7.79	11.41	
<b>Burns, Marc (TRI) (1983)</b>	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	
<b>Patton, Darvis (USA) (1977)</b>	time			3.89			6.55		8.28		10.03	10.03	3 / 8			
	reaction time			0.142			interval		2.66		1.75	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
<b>Motoshio, Ryo (JPN) (1990)</b>	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	0.93	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
<b>Hayamizu, Isamu (JPN) (1990)</b>	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
<b>Miyazaki, Takashi (JPN) (1990)</b>	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	0.99		# 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
<b>Ishihara, Hiroyuki (JPN) (1990)</b>	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	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
<b>Nomura, Shogo (JPN) (1990)</b>	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	0.95	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/](http://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
<b>Tärnhuvud, Stefan (SWE) (1985)</b>	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
<b>Seoud, Amr Ibrahim Mostafa (EGY)</b>	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
<b>Waugh, Ainsley (JAM) (1981)</b>	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
<b>Hongisto, Visa (FIN) (1987)</b>	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
<b>Johnson, Chris (USA) (1982)</b>	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
<b>Bangura, Gibrilla Pato (SLE) (1985)</b>	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
<b>Wellington, Andre (JAM) (1986)</b>	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
<b>Bossé, Béranger (CAF) (1985)</b>	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
<b>Asahara, Nobuharu (JPN) (1972)</b>	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
<b>Takahira, Shinji (JPN) (1984)</b>	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
<b>Takahira, Shinji (JPN) (1984)</b>	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
<b>Asahara, Nobuharu (JPN) (1972)</b>	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
<b>Saito, Hitoshi (JPN) (1986)</b>	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
<b>Unger, Tobias (GER) (1979)</b>	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		
<b>Gay, Tyson (USA) (1982)</b>	time		1.95	2.98	3.87	4.74	5.57	6.37	7.17	7.99	8.82	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		7.75	12.00	12.24	
<b>Dix, Walter (USA) (1986)</b>	time		2.00	3.02	3.95	4.80	5.66	6.47	7.29	8.11	8.94	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















		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Kimura, Shintaro (JPN) (1987)</b>	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
<b>Sugawara, Shin (JPN) (1983)</b>	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	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 &amp; 100m hurdles

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Asahara, Nobuharu (JPN) (1972)</b>	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	
<b>Francis, Samuel (QAT) (1987)</b>	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	
<b>Leung Chun Wai (HKG) (1988)</b>	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	
<b>Muravyov, Vyacheslav (KAZ) (1982)</b>	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	
<b>Al-Salfa, Omar Juma (UAE) (1989)</b>	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	
<b>Imran, Muhammad (PAK) (1983)</b>	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	
<b>Al-Farhan, Adel Mohamed (BRN)</b>	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	
<b>Piaho, Amir (IRI)</b>	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	
<b>Galiyev, Rinat (KAZ) (1984)</b>	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 &amp; women's 100m, 100m hurdles, &amp; 110m hurdles

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Gay, Tyson (USA) (1982)</b>	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	0.89	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
<b>Tsukahara, Naoki (JPN) (1985)</b>	time	1.99	3.05	4.02	4.95	5.86	6.77	7.69	8.61	9.55	10.51	10.51	/ 3			
	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
<b>Powell, Asafa (JAM) (1982)</b>	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
<b>Saidy Ndure, Jaysuma (NOR) (1984)</b>	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
<b>Frater, Michael (JAM) (1982)</b>	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









<b>Brännström, André (SWE) (1987)</b>	time	4.17	7.06	9.01	11.01	11.01	/ 7												
	reaction time																		
	interval velocity	7.19	10.38	10.26	10.00	9.08		# of strides	4.17	2.89	7.19	10.38							
<b>Wahn, Erik (SWE) (1980)</b>	time	4.18	7.07	9.01	11.02	11.02	/ 8												
	reaction time																		
	interval velocity	7.18	10.38	10.31	9.95	9.07		# of strides	4.18	2.89	7.18	10.38							

**B FINAL**

date 24-Jul-07 wind 1.1 m/s

(2007) - [www.ssg.se/en/Windsprint/Split-times/](http://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
<b>Sulusi-Sjö, Brian (SWE) (1977)</b>	time			4.15			7.00		8.92		10.91	10.91	/ 1			
	reaction time															
	interval velocity			7.23			2.85		1.92		1.99	<b>PB</b>	# of strides	4.15	2.85	7.23
<b>Kling-Baptiste, Tom (SWE) (1990)</b>	time			4.19			7.02		8.95		10.94	10.94	/ 2			
	reaction time															
	interval velocity			7.16			2.83		1.93		1.99	<b>PB</b>	# of strides	4.19	2.83	7.16
<b>Karlsson, Erik (SWE) (1987)</b>	time			4.15			7.01		8.96		10.98	10.98	/ 3			
	reaction time															
	interval velocity			7.23			2.86		1.95		2.02		# of strides	4.15	2.86	7.23
<b>Mårtensson, Jonas (SWE) (1988)</b>	time			4.11			7.03		8.99		11.06	11.06	/ 4			
	reaction time															
	interval velocity			7.30			2.92		1.96		2.07		# of strides	4.11	2.92	7.30
<b>Arnsten, Daniel (SWE) (1982)</b>	time			4.11			7.04		8.98		11.10	11.10	/ 5			
	reaction time															
	interval velocity			7.30			2.93		1.94		2.12		# of strides	4.11	2.93	7.30
<b>Sunneborn, Mattias (SWE) (1970)</b>	time			4.23			7.15		9.08		11.13	11.13	/ 6			
	reaction time															
	interval velocity			7.09			2.92		1.93		2.05		# of strides	4.23	2.92	7.09
<b>Ertzgaard, John (NOR) (1977)</b>	time			4.33			7.29		9.27		11.34	11.34	/ 7			
	reaction time															
	interval velocity			6.93			2.96		1.98		2.07		# of strides	4.33	2.96	6.93

**C FINAL**

date 24-Jul-07 wind -0.4 m/s

(2007) - [www.ssg.se/en/Windsprint/Split-times/](http://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
<b>Broström, Niklas (SWE) (1977)</b>	time			4.17			7.08		9.06		11.18	11.18	/ 1			
	reaction time															
	interval velocity			7.19			2.91		1.98		2.12		# of strides	4.17	2.91	7.19
<b>Dufournier, Mathias (SWE) (1990)</b>	time			4.28			7.21		9.22		11.22	11.22	/ 2			
	reaction time															
	interval velocity			7.01			2.93		2.01		2.00		# of strides	4.28	2.93	7.01
<b>Andersson, Adam (SWE) (1991)</b>	time			4.25			7.21		9.18		11.23	11.23	/ 3			
	reaction time															
	interval velocity			7.06			2.96		1.97		2.05		# of strides	4.25	2.96	7.06
<b>Angell-Petersen, Børge (NOR) (1991)</b>	time			4.25			7.22		9.23		11.31	11.31	/ 4			
	reaction time															
	interval velocity			7.06			2.97		2.01		2.08		# of strides	4.25	2.97	7.06
<b>Dahlöf, Carl (SWE) (1988)</b>	time			4.23			7.22		9.27		11.32	11.32	/ 5			
	reaction time															
	interval velocity			7.09			2.99		2.05		2.05		# of strides	4.23	2.99	7.09
<b>Norgren, Daniel (SWE) (1990)</b>	time			4.23			7.22		9.28		11.37	11.37	/ 6			
	reaction time															
	interval velocity			7.09			2.99		2.06		2.09		# of strides	4.23	2.99	7.09
<b>Adolfsson, Henrik (SWE) (1988)</b>	time			4.23			7.24		9.31		11.40	11.40	/ 7			
	reaction time															
	interval velocity			7.09			3.01		2.07		2.09		# of strides	4.23	3.01	7.09
<b>Hilmersson, Jonas (SWE) (1988)</b>	time			4.24			7.27		9.35		11.47	11.47	/ 8			
	reaction time															
	interval velocity			7.08			3.03		2.08		2.12		# of strides	4.24	3.03	7.08

**D FINAL**

date 24-Jul-07 wind -0.8 m/s

(2007) - [www.ssg.se/en/Windsprint/Split-times/](http://www.ssg.se/en/Windsprint/Split-times/)

<b>Waltersson, Jonathan (SWE) (1982)</b>	time			4.28			7.28		9.25		11.28	11.28	/ 1			
	reaction time															

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
<b>Skoglund, Björn (SWE) (1991)</b>	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
<b>Mukiibi, Simon (SWE) (1990)</b>	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
<b>Idenfors, Daniel (SWE) (1988)</b>	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
<b>Söderqvist, Per-Erik (SWE) (1987)</b>	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
<b>Skeppstedt, Martin (SWE) (1982)</b>	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
<b>Zetterberg, Johan (SWE) (1984)</b>	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	
<b>Kristoffersson, Fredrik (SWE) (1984)</b>	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	
<b>Svensson, Charles (SWE) (1975)</b>	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	
<b>Groth, Joel (SWE) (1991)</b>	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	
<b>Jonasson, Erik (SWE) (1991)</b>	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	
<b>Larsson, Åke (SWE) (1957)</b>	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
<b>Wissman, Johan (SWE) (1982)</b>	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 &amp; women's 100m, 100m hurdles, &amp; 110m hurdles

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Tsukahara, Naoki (JPN) (1985)</b>	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
	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
<b>Asahara, Nobuharu (JPN) (1972)</b>	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
<b>Kojima, Shigeyuki (JPN) (1979)</b>	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
<b>Ueno, Masahide (JPN) (1983)</b>	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
<b>Eriguchi, Masashi (JPN) (1988)</b>	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
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

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	
	velocity			7.41			10.17		10.58		10.26	9.23		7.41	10.17	
Mesipuu, Maito (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	

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



<b>Crawford, Shawn (USA) (1978)</b>	time	1.98	3.04	3.99	4.91	5.79	6.66	7.56	8.44	9.36	10.30	10.30	6 / <del>2</del> 1			
	reaction time												# of strides	3.99	2.67	2.70
	interval	1.06	0.95	0.92	0.88	0.87	0.87	0.90	0.88	0.92	0.94	9.71		46.0	7.52	11.24
<b>Williams, Bernard (USA) (1978)</b>	time	1.95	3.02	4.04	4.89	5.80	6.67	7.57	8.47	9.39	10.33	10.33	2 / <del>3</del> 2			
	reaction time												# of strides	4.04	2.63	2.72
	interval	1.07	1.02	0.85	0.91	0.87	0.90	0.90	0.92	0.94	9.68		47.0	7.43	11.41	11.03
<b>Scales, Mardy (USA) (1981)</b>	time	1.94	3.00	3.94	4.86	5.76	6.65	7.54	8.46	9.39	10.34	10.34	1 / <del>4</del> 3			
	reaction time												# of strides	3.94	2.71	2.74
	interval	1.06	0.94	0.92	0.90	0.89	0.89	0.92	0.93	0.95	9.67		48.0	7.61	11.07	10.95
<b>Omole, Demi (USA) (1985)</b>	time	1.96	2.99	3.92	4.82	5.71	6.64	7.54	8.46	9.43	10.35	10.35	8 / <del>5</del> 4			
	reaction time												# of strides	3.92	2.72	2.79
	interval	1.03	0.93	0.90	0.89	0.93	0.90	0.92	0.97	0.92	9.66		47.0	7.65	11.03	10.75
<b>Kimmons, Trel (USA) (1985)</b>	time	1.94	2.97	3.92	4.84	5.72	6.65	7.54	8.47	9.39	10.36	10.36	7 / <del>6</del> 5			
	reaction time												# of strides	3.92	2.73	2.74
	interval	1.03	0.95	0.92	0.88	0.93	0.89	0.93	0.92	0.97	9.65		47.5	7.65	10.99	10.95
<b>Laynes, Jeff (USA) (1970)</b>	time	1.95	2.99	3.95	4.87	5.76	6.67	7.59	8.51	9.47	10.44	10.44	5 / <del>7</del> 6			
	reaction time												# of strides	3.95	2.72	2.80
	interval	1.04	0.96	0.92	0.89	0.91	0.92	0.92	0.96	0.97	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
<b>Perry, Willie (USA) (1987)</b>	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											<b>PB</b>	# of strides	4.01	2.65	2.58
	interval	1.07	0.92	0.93	0.85	0.87	0.85	0.85	0.88	0.88	9.88		7.48	11.32	11.63	
<b>McKenzie, Gordon (USA) (1987)</b>	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											<b>PB</b>	# of strides	3.99	2.65	2.76
	interval	1.05	0.97	0.90	0.87	0.88	0.90	0.90	0.96	0.90	9.71		7.52	11.32	10.87	
<b>Harris, Odell (USA) (1987)</b>	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											<b>PB</b>	# of strides	4.03	2.68	2.78
	interval	1.07	0.96	0.93	0.86	0.89	0.90	0.92	0.96	0.91	9.62		7.44	11.19	10.79	
<b>Wells, Evander (USA) (1987)</b>	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											<b>PB</b>	# of strides	3.99	2.73	2.78
	interval	1.04	0.95	0.92	0.88	0.93	0.89	0.93	0.96	0.95	9.57		7.52	10.99	10.79	
<b>Myers, Brandon (USA) (1987)</b>	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											<b>PB</b>	# of strides	4.04	2.72	2.75
	interval	1.07	0.97	0.92	0.93	0.87	0.90	0.90	0.95	0.95	9.56		7.43	11.03	10.91	
<b>Wims, Scott (USA) (1988)</b>	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											<b>PB</b>	# of strides	4.06	2.73	2.75
	interval	1.09	0.96	0.93	0.90	0.90	0.92	0.90	0.93	0.92	9.56		7.39	10.99	10.91	
<b>Worsley, Dominique (USA) (1987)</b>	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											<b>PB</b>	# of strides	4.10	2.76	2.76
	interval	1.06	1.00	0.94	0.92	0.90	0.89	0.89	0.98	0.96	9.45		7.32	10.87	10.87	
<b>Samuels, J-Mee (USA) (1987)</b>	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											<b>PB</b>	# of strides	3.95	2.71	3.03
	interval	1.03	0.95	0.92	0.89	0.90	0.91	0.98	1.14	1.32	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)

<b>Powell, Asafa (JAM) (1982)</b>	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										<b>=WR</b>	# of strides	3.81	2.56	2.54
	interval	1.02	0.93	0.87	0.85	0.84	0.84	0.85	0.85	0.86	10.24		45.0	7.87	11.72	11.81

### 2006 Qatar Super Grand Prix (Doha, QAT)

#### FINAL

date 12-May-06 wind 1.7 m/s Brito (2007) - 100m stats, you may be interested (www.elitetrack.com/forums)

<b>Gatlin, Justin (USA) (1982)</b>	time	1.93	2.98	3.89	4.74	5.58	6.39	7.21	8.07	8.91	9.77	9.77	1 / <del>1</del>			
	reaction time											<b>=WR</b> <b>DV</b>	# of strides	3.89	2.50	2.52
	interval	1.05	0.91	0.85	0.84	0.81	0.82	0.86	0.84	0.86	10.24		41.6	7.71	12.00	11.90
<b>Fasuba, Oluji (NGR) (1984)</b>	time	1.83	2.85	3.79	4.65	5.50	6.35	7.21	8.08	8.96	9.85	9.85	1 / <del>2</del> 1			
	reaction time	0.158										<b>AR</b>	# of strides	3.79	2.56	2.61
	interval	1.02	0.94	0.86	0.85	0.85	0.86	0.87	0.88	0.89						













<b>Nthépé, Aimé-Issa (FRA) (1973)</b>	time	3.02	3.98	4.90	6.69	8.47	10.31	10.31	/ <del>2</del> 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
<b>Gavélas, Aristotélis (GRE) (1978)</b>	time	2.96	3.91	4.81	6.61	8.43	10.34	10.34	/ <del>3</del> 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
<b>Pöyhönen, Markus (FIN) (1978)</b>	time	2.93	3.90	4.82	6.63	8.45	10.35	10.35	/ <del>4</del> 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
<b>Douglas, Troy (NED) (1962)</b>	time	3.05	4.02	4.95	6.74	8.52	10.36	10.36	/ <del>5</del> 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
<b>Gardener, Jason (GBR) (1975)</b>	time	2.97	3.94	4.87	6.68	8.50	10.36	10.36	/ <del>6</del> 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
<b>Dovgal, Anatoliy (UKR) (1976)</b>	time	2.98	3.95	4.87	6.67	8.49	10.40	10.40	/ <del>7</del> 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
<b>Osovnikar, Matic (SLO) (1980)</b>	time	2.99	3.97	4.91	6.73	8.58	10.49	10.46	/ <del>8</del> 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		wind 0.1 m/s										Graubner (2009) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a>				
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Chambers, Dwain (GBR) (1978)</b>	time	2.96	3.90	4.79	6.52	8.27	10.08	/ <del>4</del>								
reaction time	0.143	interval		0.94	0.89	1.73	1.75	1.81	# of strides			DV	3.90	2.62		
		velocity	6.76	10.64	11.24	11.56	11.43	11.05				9.92	7.69	11.45		
<b>Dovgal, Anatoliy (UKR) (1976)</b>	time	2.95	3.90	4.81	6.60	8.41	10.30	10.30	/ <del>3</del> 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		wind -0.6 m/s										Graubner (2009) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a>				
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Campbell, Darren (GBR) (1973)</b>	time	3.00	3.96	4.87	6.66	8.45	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		
<b>Németh, Roland (HUN) (1974)</b>	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		
<b>Obikwelu, Francis (POR) (1978)</b>	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		wind 0.5 m/s										Graubner (2009) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a>				
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Nthépé, Aimé-Issa (FRA) (1973)</b>	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				7.65	11.15		
<b>Pöyhönen, Markus (FIN) (1978)</b>	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				7.71	11.07		

**Quarter-Final 1**

date		wind -0.1 m/s										Graubner (2009) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a>				
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Theodoridis, Yeóryios (GRE) (1973)</b>	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		
<b>Gardener, Jason (GBR) (1975)</b>	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		wind 1.0 m/s										Graubner (2009) - <a href="http://www.fgs.uni-halle.de">http://www.fgs.uni-halle.de</a>				
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Németh, Roland (HUN) (1974)</b>	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
<b>Gardener, Jason (GBR) (1975)</b>	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
<b>Kochan, Marc (GER) (1978)</b>	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
<b>Theodoridis, Yeóryios (GRE) (1977)</b>	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					
<b>Campbell, Darren (GBR) (1973)</b>	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					
<b>Kosenkow, Alexander (GER) (1977)</b>	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
<b>Obikwelu, Francis (POR) (1978)</b>	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
<b>Chambers, Dwain (GBR) (1978)</b>	time			3.02	3.97	4.88	6.62	8.39	10.23	10.23	/ 4							
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					
<b>Blume, Marc (GER) (1973)</b>	time			2.98	3.95	4.87	6.68	8.47	10.33	10.33	/ 2							
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
<b>Obikwelu, Francis (NGR) (1978)</b>	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					
<b>Zakari, Abdul Aziz (GHA) (1976)</b>	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					
<b>Emedolu, Uchenna (NGR) (1976)</b>	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					
<b>Douglas, Troy (NED) (1962)</b>	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					
<b>Fredericks, Frank (NAM) (1967)</b>	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					
<b>Asahara, Nobuharu (JPN) (1972)</b>	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					
<b>Kosenkow, Alexander (GER) (1977)</b>	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					
<b>Ostwald, Ronny (GER) (1974)</b>	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					





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
<b>Greene, Maurice (USA) (1974)</b>	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
<b>Surin, Bruny (CAN) (1967)</b>	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		8.20	11.58	11.63
<b>Chambers, Dwain (GBR) (1978)</b>	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
<b>Thompson, Obadele, (BAR) (1976)</b>	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
<b>Harden, Tim (USA) (1974)</b>	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
<b>Montgomery, Tim (USA) (1975)</b>	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
<b>Gardener, Jason (GBR) (1975)</b>	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
<b>Streete-Thompson, Kareem (CAY)</b>	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 Tsikliritia 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
<b>Greene, Maurice (USA) (1974)</b>	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

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
<b>Surin, Bruny (CAN) (1967)</b>	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
<b>Greene, Maurice (USA) (1974)</b>	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
<b>Bailey, Donovan (CAN) (1967)</b>	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		8.09	11.67	11.63
<b>Montgomery, Tim (USA) (1975)</b>	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		8.13	11.54	11.49
<b>Fredericks, Frank (NAM) (1967)</b>	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
<b>Boldon, Ato (TTO) (1973)</b>	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		8.11	11.41	11.32
<b>Ezinwa, Davidson (NGR) (1971)</b>	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			

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





<b>Green, Michael (JAM)</b>	0.169	no information available	10.16	8 / 7	# of strides	47.2
<b>Christie, Linford (GBR) (1960)</b>			<b>DQ</b>	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
<b>Chen Wenzhong (CHN) (1970)</b>	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	0.97		# 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
<b>Mitchell, Dennis (USA) (1966)</b>	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							
<b>Marsh, Michael (USA) (1967)</b>	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							
<b>Drummond, Jon (USA) (1968)</b>	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							
<b>Williams, Jeff (USA) (1965)</b>	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							
<b>Harden, Tim (USA) (1974)</b>	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							
<b>Burrell, Leroy (USA) (1967)</b>	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							
<b>Montgomery, Tim (USA) (1975)</b>	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							
<b>Lewis, Carl (USA) (1961)</b>	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
<b>Bailey, Donovan (CAN) (1967)</b>	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
<b>Meité, Ibrahim (CIV) (1976)</b>	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
<b>Cali, Stéphane (FRA) (1972)</b>	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
<b>Patros, David (FRA) (1977)</b>	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
<b>Groisard, Régis (FRA) (1973)</b>	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
<b>Douhou, Ahmed (FRA) (1976)</b>	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
<b>Perrot, Eric (FRA) (1969)</b>	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
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**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
<b>Meité, Ibrahim (CIV) (1976)</b>	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
<b>Patros, David (FRA) (1977)</b>	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
<b>Groisard, Régis (FRA) (1973)</b>	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
<b>Perrot, Eric (FRA) (1969)</b>	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
<b>Heddad, Rachid (MAR) (1968)</b>	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
<b>Leconte, Laurent (FRA) (1968)</b>	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
<b>Cali, Stéphane (FRA) (1972)</b>	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
<b>Douhou, Ahmed (FRA) (1976)</b>	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
<b>Sangouma, Daniel (FRA) (1965)</b>	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
<b>Cavron, Jean-Philippe (FRA) (1972)</b>	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
<b>Drayton Éric (FRA) (1972)</b>	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
<b>Loutzhy, Stéphane (FRA) (1971)</b>	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	
<b>Bailey, Donovan (CAN) (1967)</b>	0.138	no information available										9.97	5 / 1		# of strides	44.0	
<b>Surin, Bruny (CAN) (1967)</b>	0.132	no information available										10.03	3 / 2		# of strides	45.2	
<b>Boldon, Ato (TTO) (1973)</b>	0.114	no information available										NR	10.03	4 / 3		# of strides	46.5
<b>Fredericks, Frank (NAM) (1967)</b>	0.134	no information available										10.07	2 / 4		# of strides	45.0	
<b>Marsh, Mike (USA) (1967)</b>	0.155	no information available										10.10	6 / 5		# of strides	43.0	
<b>Christie, Linford (GBR) (1960)</b>	0.110	no information available										10.12	1 / 6		# of strides	44.5	
<b>Adeniken, Olapade (NGR) (1969)</b>	0.127	no information available										10.20	8 / 7		# of strides	44.5	
<b>Stewart, Raymond (JAM) (1965)</b>	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
<b>Moen, Geir (NOR) (1969)</b>	time			4.01			6.64		8.37		10.17	10.17	/ 1			
	reaction time						interval		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	
<b>Okeke, Aham (NOR) (1969)</b>	time			3.99			6.64		8.38		10.19	10.19	/ 2			
	reaction time						interval		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	

<b>Jackson, Tim (AUS) (1969)</b>	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	
<b>Karlsson, Peter (SWE) (1970)</b>	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	
<b>Kjensli, Kennet (NOR) (1969)</b>	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	
<b>Eriksson, Torbjörn (SWE) (1971)</b>	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	
<b>Ghansah, Matias (SWE) (1974)</b>	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	
<b>Hedner, Lars (SWE) (1967)</b>	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	
<b>Leandersson, Thomas (SWE) (1966)</b>	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	
<b>Wennolf, Mikael (SWE) (1971)</b>	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	
<b>Mårtensson, Torbjörn (SWE) (1971)</b>	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	
<b>Juusela, Lasse (FIN) (1972)</b>	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	
<b>Elofsson, Fredrik (SWE) (1973)</b>	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	
<b>Ridanpää, Tero (FIN) (1972)</b>	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	
<b>Strenius, Patrik (SWE) (1972)</b>	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	
<b>Sivle, Per Ivar (NOR) (1970)</b>	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
<b>Levorato, Luca (ITA) (1971)</b>	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	
<b>Menchini, Marco (ITA) (1968)</b>	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	
<b>Amici, Andrea (ITA) (1971)</b>	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
<b>Orlandi, Alessandro (ITA) (1972)</b>	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
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**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
<b>Blume, Marc (GER) (1973)</b>	time								6.62		8.41		10.24	10.24	??			
	reaction time								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
<b>Blume, Holger (GER) (1973)</b>	time					4.01			6.76		8.59		10.47	10.47	??			
	reaction time								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)****FINAL**

		date	15-Aug-93	wind	0.3 m/s	Stein (1993) - verbesserung der schnelligkeit 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
<b>Christie, Linford (GBR) (1960)</b>	time								6.45		8.15		9.87	9.87	4 / 1			Graubner (2007)
	reaction time	0.140							2.60		1.70		1.72	AR	# of strides	3.85	2.60	
	velocity								7.79		11.54		11.63	10.13	44.5	7.79	11.54	
<b>Cason, André (USA) (1969)</b>	time								6.43		8.15		9.92	9.92	6 / 2			Graubner (2007)
	reaction time	0.183							2.60		1.72		1.77	PB	# of strides	3.83	2.60	
	velocity								7.83		11.54		11.30	10.08	48.5	7.83	11.54	
<b>Mitchell, Dennis (USA) (1966)</b>	time								6.46		8.22		9.99	9.99	7 / 3			Stein (1993)
	reaction time	0.128							2.63		1.76		1.77		# of strides	3.83	2.63	
	velocity								7.83		11.41		11.30	10.01	46.2	7.83	11.41	
<b>Lewis, Carl (USA) (1961)</b>	time								6.59		8.30		10.02	10.02	3 / 4			Stein (1993)
	reaction time	0.144							2.64		1.71		1.72		# of strides	3.95	2.64	
	velocity								7.59		11.36		11.63	9.98	43.5	7.59	11.36	
<b>Surin, Bruny (CAN) (1967)</b>	time								6.49		8.24		10.02	10.02	2 / 5			Stein (1993)
	reaction time	0.148							2.63		1.75		1.78		# of strides	3.86	2.63	
	velocity								7.77		11.41		11.24	9.98	44.5	7.77	11.41	
<b>Fredricks, Frank (NAM) (1967)</b>	time								6.50		8.25		10.03	10.03	1 / 6			Stein (1993)
	reaction time	0.146							2.63		1.75		1.78		# of strides	3.87	2.63	
	velocity								7.75		11.41		11.24	9.97	45.0	7.75	11.41	
<b>Effiong, Daniel (NGR) (1972)</b>	time								6.50		8.25		10.04	10.04	5 / 7			Stein (1993)
	reaction time	0.164							2.61		1.75		1.79		# of strides	3.89	2.61	
	velocity								7.71		11.49		11.17	9.96	43.7	7.71	11.49	
<b>Stewart, Raymond (JAM) (1965)</b>	time								6.51		8.34		10.18	10.18	8 / 8			Stein (1993)
	reaction time	0.166							2.62		1.83		1.84		# of strides	3.89	2.62	
	velocity								7.71		11.45		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
<b>Mahorn, Atlee (CAN) (1965)</b>	time								6.64		8.42		10.21	10.21	2 / 5			
	reaction time								2.68		1.78		1.79		# of strides	3.96	2.68	
	velocity								7.58		11.19		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
<b>Blume, Marc (GER) (1973)</b>	time								6.65		8.47		10.32	10.32	5 / 5			
	reaction time								2.72		1.82		1.85		# of strides	3.93	2.72	
	velocity								7.63		11.03		10.99	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
<b>Blume, Marc (GER) (1973)</b>	time								6.57		8.41		10.30	10.30	/ 1			
	reaction time								2.72		1.84		1.89	PB	# of strides	3.85	2.72	
	velocity								7.79		11.03		10.87	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
<b>Konieczny, Christian (GER) (1972)</b>	time								6.67		8.47		10.35	10.37	/ 1			
	reaction time								2.72		1.80		1.88	PB	# of strides	3.95	2.72	
	interval																	

		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													
<b>Blume, Holger (GER) (1973)</b>	time	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
reaction time	interval			3.97			6.76		8.63		10.54	10.54	??			
10.Jul.93 - 10.54 (0.8 m/s) (H4?)	velocity			7.56			10.75		10.70		10.47	9.49	# of strides	3.97	2.79	

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
<b>Christie, Linford (GBR) (1960)</b>	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			
<b>Fredericks, Frank (NAM) (1967)</b>	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			
<b>Mitchell, Dennis (USA) (1966)</b>	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			
<b>Surin, Bruny (CAN) (1967)</b>	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			
<b>Burrell, Leroy (USA) (1967)</b>	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			
<b>Adeniken, Olapade (NGR) (1969)</b>	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			
<b>Stewart, Raymond (JAM) (1965)</b>	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			
<b>Ezinwa, Davidson (NGR) (1971)</b>	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	
<b>Lewis, Carl (USA) (1961)</b>	time				1.88	2.96	3.88	4.77	5.61	6.46	7.30	8.13	9.00	9.86	5 / 1				
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
<b>Burrell, Leroy (USA) (1967)</b>	time				1.83	2.89	3.80	4.68	5.55	6.41	7.28	8.12	9.01	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
<b>Mitchell, Dennis (USA) (1966)</b>	time				1.80	2.87	3.80	4.68	5.55	6.42	7.28	8.14	9.02	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
<b>Christie, Linford (GBR) (1960)</b>	time				1.85	2.91	3.83	4.72	5.57	6.43	7.29	8.14	9.04	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
<b>Fredericks, Frank (NAM) (1967)</b>	time				1.86	2.92	3.84	4.73	5.60	6.47	7.33	8.18	9.07	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
<b>Stewart, Raymond (JAM) (1965)</b>	time				1.81	2.88	3.79	4.68	5.54	6.41	7.29	8.16	9.06	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
<b>da Silva, Robson Caetano (BRA)</b>	time				1.91	2.97	3.90	4.79	5.67	6.56	7.45	8.32	9.22	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
<b>Surin, Bruny (CAN) (1967)</b>	time				1.88	2.95	3.87	4.77	5.66	6.56	7.44	8.31	9.22	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

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

velocity	5.32	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
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**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
<b>Blume, Marc (GER) (1973)</b>	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	<b>PB</b>	# 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
<b>Christie, Linford (GBR) (1960)</b>	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	
<b>Sangouma, Daniel (FRA) (1965)</b>	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	
<b>Bringmann, Steffen (GER) (1964)</b>	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	
<b>Madonia, Ezio (ITA) (1966)</b>	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	
<b>Kovács, Attila (HUN) (1960)</b>	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	
<b>Savin, Vitaliy (URS) (1966)</b>	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	
<b>Antonov, Nikolay (BUL) (1968)</b>	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	
<b>Mezihorak, Jiri (TCH) (1965)</b>	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
<b>Christie, Linford (GBR) (1960)</b>	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		
<b>Burrell, Leroy (USA) (1967)</b>	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		
<b>Sangouma, Daniel (FRA) (1965)</b>	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	<b>=PB</b>	# of strides		
	velocity				6.73			10.75	11.24	11.24	11.49	11.24	11.11	9.83	43.9		
<b>Adeniken, Olapade (NGR) (1969)</b>													10.20	/ 4			
<b>Jackson, Tim (AUS) (1969)</b>													10.38	/ 5			
<b>Matthas, Sven (GDR) (1969)</b>													10.41	/ 6			
<b>Arques, José Javier (ESP) (1960)</b>	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		
<b>Lestari, Mardi (INA) (1968)</b>													10.48	/ 8			
<b>Isasi, Joel (CUB) (1967)</b>													10.52	/ 9			

**1988 Olympic Games (Seoul, KOR)****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				
<b>Johnson, Ben (CAN) (1961)</b>	time		1.83	2.87	3.80	4.66	5.50	6.33	7.17	8.02	8.89	9.79	9.79	6 / 4			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	<b>WR-DV</b>	# 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
<b>Lewis, Carl (USA) (1961)</b>	time	1.89	2.96	3.90	4.79	5.65	6.48	7.33	8.18	9.04	9.92	9.92	3 / <del>2</del> - 1	<i>Brüggemann (1990)</i>		
reaction time	0.136 interval	1.07	0.94	0.89	0.86	0.83	0.85	0.85	0.86	0.88	<b>WR</b>	# 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
<b>Christie, Linford (GBR) (1960)</b>	time	1.92	2.97	3.92	4.81	5.66	6.50	7.36	8.22	9.09	9.97	9.97	4 / <del>3</del> - 2	<i>Brüggemann (1990)</i>		
reaction time	0.138 interval	1.05	0.95	0.89	0.85	0.84	0.86	0.86	0.87	0.88	<b>PB</b>	# 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
<b>Smith, Calvin (USA) (1961)</b>	time	1.92	2.95	3.90	4.79	5.65	6.50	7.36	8.23	9.10	9.99	9.99	5 / <del>4</del> - 3	<i>Bondachuk (2007)</i>		
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
<b>Mitchell, Dennis (USA) (1966)</b>	time	1.92	2.97	3.93	4.83	5.69	6.54	7.41	8.28	9.16	10.04	10.04	8 / <del>5</del> - 4	<i>Brüggemann (1990)</i>		
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
<b>da Silva, Robson Caetano (BRA)</b>	time	1.92	2.97	3.93	4.83	5.70	6.57	7.45	8.33	9.22	10.11	10.11	1 / <del>6</del> - 5	<i>Brüggemann (1990)</i>		
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
<b>Williams, Desai (CAN) (1959)</b>	time	1.88	2.92	3.86	4.75	5.61	6.47	7.37	8.27	9.18	10.11	10.11	7 / <del>7</del> - 6	<i>Brüggemann (1990)</i>		
reaction time	0.149 interval	1.04	0.94	0.89	0.86	0.86	0.90	0.90	0.91	0.93	<b>PB</b>	# of strides	3.86	2.61	2.71	
	velocity	5.32	9.62	10.64	11.24	11.63	11.11	11.11	10.99	10.75	9.89	45.7	7.77	11.49	11.07	
<b>Stewart, Raymond (JAM) (1965)</b>	time	1.88	2.95	3.92	4.84	5.71	6.65				12.26	12.26	2 / <del>8</del> - 7	<i>Brüggemann (1990)</i>		
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										<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>				
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Johnson, Ben (CAN) (1961)</b>	time	1.89	2.92	3.82	4.70	5.58	6.44	7.32	8.20	9.10	10.03	10.03	6 / <del>4</del>				
reaction time	interval	1.03	0.90	0.88	0.88	0.86	0.88	0.88	0.90	0.93	<b>DV</b>	# 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		
<b>Christie, Linford (GBR) (1960)</b>	time	1.92	2.96	3.90	4.80	5.69	6.56	7.44	8.32	9.20	10.11	10.11	3 / <del>2</del> - 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		
<b>Mitchell, Dennis (USA) (1966)</b>	time	1.91	2.95	3.88	4.79	5.70	6.59	7.49	8.40	9.31	10.23	10.23	5 / <del>3</del> - 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		
<b>da Silva, Robson Caetano (BRA)</b>	time	1.97	3.01	3.96	4.86	5.76	6.64	7.54	8.44	9.33	10.24	10.24	4 / <del>4</del> - 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		
<b>Kovács, Attila (HUN) (1960)</b>	time	1.97	3.02	3.97	4.89	5.81	6.70	7.59	8.49	9.39	10.31	10.31	2 / <del>5</del> - 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		
<b>Núñez, Juan (DOM) (1959)</b>	time	1.97	3.01	3.94	4.87	5.79	6.68	7.59	8.50	9.42	10.35	10.35	7 / <del>6</del> - 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		
<b>Adeyanju, Isiak (NGR) (1959)</b>	time	1.91	2.97	3.94	4.88	5.82	6.75	7.71	8.67	9.63	10.60	10.60	8 / <del>7</del> - 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										<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>				
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
<b>Lewis, Carl (USA) (1961)</b>	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		
<b>Smith, Calvin (USA) (1961)</b>	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		
<b>Stewart, Raymond (JAM) (1965)</b>	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		
<b>Williams, Desai (CAN) (1959)</b>	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		

<b>Silva, Arnaldo Oliveira (BRA) (1964)</b>	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	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
<b>Adeniken, Olapade (NGR) (1969)</b>	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
<b>Lestari, Mardi (INA) (1968)</b>	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
<b>Myles-Mills, John (GHA) (1966)</b>	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 anaerobic 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	
<b>Johnson, Ben (CAN) (1961)</b>	time	1.84	2.86	3.80	4.67	5.53	6.38	7.23	8.10	8.96	9.83	9.83	5 / <del>4</del>				
	reaction time	0.109	interval	1.02	0.94	0.87	0.86	0.85	0.85	0.87	0.86	0.87	<del>WR</del> 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
<b>Lewis, Carl (USA) (1961)</b>	time	1.94	2.96	3.91	4.78	5.64	6.50	7.36	8.22	9.07	9.93	9.93	6 / <del>2</del> 1				
	reaction time	0.196	interval	1.02	0.95	0.87	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
<b>Stewart, Raymond (JAM) (1965)</b>	time	1.99	3.04	3.98	4.89	5.76	6.62	7.49	8.35	9.22	10.08	10.08	3 / <del>3</del> 2				
	reaction time	0.235	interval	1.05	0.94	0.91	0.87	0.86	0.87	0.86	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
<b>Christie, Linford (GBR) (1960)</b>	time	1.97	3.01	3.97	4.87	5.76	6.62	7.49	8.37	9.26	10.14	10.14	8 / <del>4</del> 3				
	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
<b>Kovács, Attila (HUN) (1960)</b>	time	1.97	3.01	3.98	4.89	5.77	6.67	7.55	8.44	9.33	10.20	10.20	4 / <del>5</del> 4				
	reaction time	0.201	interval	1.04	0.97	0.91	0.88	0.90	0.88	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
<b>Bryzgin, Viktor (URS) (1962)</b>	time	1.94	3.00	3.97	4.87	5.77	6.66	7.56	8.45	9.35	10.25	10.25	1 / <del>6</del> 5				
	reaction time	0.139	interval	1.06	0.97	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
<b>McRae, Lee (USA) (1966)</b>	time	1.92	2.98	3.94	4.87	5.77	6.66	7.58	8.50	9.42	10.34	10.34	7 / <del>7</del> 6				
	reaction time	0.225	interval	1.06	0.96	0.93	0.90	0.89	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
<b>Pavoni, Pierfrancesco (ITA) (1963)</b>	time			4.33	5.47							16.23	2 / <del>8</del> 7				
	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

<b>Lewis, Carl (USA) (1961)</b>	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
<b>Stewart, Raymond (JAM) (1965)</b>	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
<b>Kovács, Attila (HUN) (1960)</b>	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
<b>Bryzgin, Viktor (URS) (1962)</b>	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

<b>Johnson, Ben (CAN) (1961)</b>	time	1.84	2.88	3.83	4.75	5.64	6.51	7.38	8.26	9.15	10.15	10.15	6 / <del>4</del>			
	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



Christie, Linford (GBR) (1960)	time										3.96	6.66	10.25	10.25	7 / <del>2</del> 1				
	reaction time	interval										2.70	3.59	10.33	10.33	5 / <del>3</del> 2	# 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 / <del>3</del> 2			
	reaction time	interval										2.74	3.64	10.99	9.68	44.7	7.59	10.95
	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 / <del>4</del> 3			
	reaction time	interval										2.74	3.68	10.87	9.64	48.0	7.59	10.95
	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

Stewart, Raymond (JAM) (1965)	time	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m								
	reaction 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											
	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 / <del>2</del>			
	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

McRae, Lee (USA) (1966)	time										3.89	6.60	10.28	10.28	4 / 3			
	reaction time	interval										2.70	3.68	10.87	9.73	45.0	7.69	11.11
	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	10.87	9.73	45.0	7.69	11.11
	velocity										7.69	11.11	11.05	9.79	47.5	7.71	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

Bryzgin, Viktor (URS) (1962)	time										3.92	6.64	10.29	10.29	6 / 1			
	reaction time	interval										2.72	3.65	10.96	9.72	46.7	7.65	11.03
	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

Lewis, Carl (USA) (1961)	time	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m								
	reaction 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)										
	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	10.99	9.62	45.2	7.48	10.91
	velocity										7.48	10.91	10.99	9.62	45.2	7.48	10.91	

Kovács, Attila (HUN) (1960)	time										4.02	6.78	10.52	10.52	3 / 3	Moravec (1988)		
	reaction time	interval										2.76	3.74	10.70	9.51	47.7	7.46	10.87
	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

Lewis, Carl (USA) (1961)	time	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m								
	reaction 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											
	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	11.08	9.75	46.0	7.56	11.19
	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

Johnson, Ben (CAN) (1961)	time	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m								
	reaction time	1.91	2.93	3.87	4.78	5.67	6.55	7.44	8.34	9.26	10.24	10.24	6 / <del>4</del>											
	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

Pavoni, Pierfrancesco (ITA) (1963)	time										4.01	6.67	10.24	10.24	/ 1			
	reaction time	interval										2.66	3.57	11.08	9.75	46.0	7.56	11.19
	velocity										7.56	11.19	11.08	9.75	46.0	7.56	11.19	

	velocity	7.48	11.28	11.20	9.77	7.48	11.28
<b>Bryzgin, Viktor (URS) (1962)</b>	time	3.96	6.61	10.25	10.25	/ 2	
reaction time	interval		2.65	3.64	3.64	# of strides	3.96 2.65
	velocity	7.58	11.32	10.99	9.76	7.58	11.32
<b>Christie, Linford (GBR) (1960)</b>	time	4.02	6.67	10.29	10.29	/ 3	
reaction time	interval		2.65	3.62	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
<b>McRae, Lee (USA) (1966)</b>	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	
<b>Stewart, Raymond (JAM) (1965)</b>	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 Junior 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
<b>Florence, Derrick (USA) (1968)</b>	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
<b>Kerr, Stanley (USA) (1967)</b>	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
<b>Henderson, Jamie (GBR) (1969)</b>	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
<b>Schlicht, Matthias (FRG) (1967)</b>												10.43	/ 4			
<b>Kirton, David (GBR) (1967)</b>												10.50	/ 5			
<b>Eregbu, Obinna (NGR) (1969)</b>												10.52	/ 6			
<b>Antonov, Nikolay (BUL) (1968)</b>												10.53	/ 7			
<b>Bozhinovski, Krasimir (BUL) (1967)</b>												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
<b>Johnson, Ben (CAN) (1961)</b>	time			3.86			6.47				9.95	9.95	/ 4			
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
<b>Imoh, Chidi (NGR) (1963)</b>												10.04	/ 2			
<b>Lewis, Carl (USA) (1961)</b>	time			3.92			6.61				10.06	10.06	/ 3			
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
<b>McRae, Lee (USA) (1966)</b>												10.12	/ 4			
<b>Morris, Michael (USA) (1963)</b>												10.21	/ 5			
<b>Glance, Harvey (USA) (1957)</b>												10.24	/ 6			
<b>Yushmanov, Nikolai (URS) (1961)</b>												10.26	/ 7			
<b>Bryzgin, Viktor (URS) (1962)</b>												10.31	/ 8			

## 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
<b>Lewis, Carl (USA) (1961)</b>	0.177											9.99	7 / 1		# of strides	43.2
<b>Graddy, Sam (USA) (1964)</b>	0.156											10.19	5 / 2		# of strides	46.0
<b>Johnson, Ben (CAN) (1961)</b>	0.149											10.22	4 / 3		# of strides	47.2
<b>Brown, Ron (USA) (1961)</b>	0.145											10.26	1 / 4		# of strides	47.0
<b>McFarlane, Mike (GBR) (1960)</b>	0.161											10.27	2 / 5		# of strides	49.0
<b>Stewart, Raymond (JAM) (1965)</b>	0.187											10.29	8 / 6		# of strides	45.2
<b>Reid, Donovan (GBR) (1963)</b>	0.147											10.33	6 / 7		# of strides	48.5
<b>Sharpe, Tony (CAN) (1961)</b>	0.147											10.35	3 / 8		# of strides	46.5

## 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		
<b>Lewis, Carl (USA) (1961)</b>	time			2.92		4.80	5.67	6.55	7.43	8.28		10.07	10.07	3 / 1					
	reaction time	0.134				1.88	0.87	0.88	0.88	0.85		1.79	<b>CR</b>	# of strides		6.55			
	interval																		
	velocity			6.85		10.64	11.49	11.36	11.36	11.76		11.17	9.93	44.2		4.58			
<b>Smith, Calvin (USA) (1961)</b>	time			2.92		4.88	5.78	6.64	7.50	8.39		10.21	10.21	8 / 2					
	reaction time	0.130				1.96	0.90	0.86	0.86	0.89		1.82		# of strides		6.64			
	interval																		
	velocity			6.85		10.20	11.11	11.63	11.63	11.24		10.99	9.79	44.0		4.52			
<b>King, Emmit (USA) (1959)</b>	time			2.91		4.74	5.63	6.52	7.41	8.29		10.24	10.24	2 / 3					
	reaction time	0.131				1.83	0.89	0.89	0.89	0.88		1.95		# of strides		6.52			
	interval																		
	velocity			6.87		10.93	11.24	11.24	11.24	11.36		10.26	9.77	46.2		4.60			
<b>Wells, Allan (GBR) (1952)</b>	time			2.92		4.80	5.70	6.60	7.51	8.40		10.27	10.27	1 / 4					
	reaction time	0.125				1.88	0.90	0.90	0.91	0.89		1.87		# of strides		6.60			
	interval																		
	velocity			6.85		10.64	11.11	11.11	10.99	11.24		10.70	9.74	47.2		4.55			
<b>Núñez, Juan (DOM) (1959)</b>	time			2.92		4.87	5.78	6.65	7.53	8.43		10.29	10.29	7 / 5					
	reaction time	0.131				1.95	0.91	0.87	0.88	0.90		1.86		# of strides		6.65			
	interval																		
	velocity			6.85		10.26	10.99	11.49	11.36	11.11		10.75	9.72	44.2		4.51			
<b>Haas, Christian (FRG) (1958)</b>	time			2.91		4.81	5.73	6.63	7.53	8.44		10.32	10.32	4 / 6					
	reaction time	0.137				1.90	0.92	0.90	0.90	0.91		1.88		# of strides		6.63			
	interval																		
	velocity			6.87		10.53	10.87	11.11	11.11	10.99		10.64	9.69	44.0		4.52			
<b>Narracott, Paul (AUS) (1959)</b>	time			2.90		4.85	5.77	6.65	7.54	8.44		10.33	10.33	6 / 7					
	reaction time	0.140				1.95	0.92	0.88	0.89	0.90		1.89		# of strides		6.65			
	interval																		
	velocity			6.90		10.26	10.87	11.36	11.24	11.11		10.58	9.68	47.7		4.51			
<b>Williams, Desai (CAN) (1959)</b>	time			2.92		4.81	5.72	6.61	7.51	8.43		10.36	10.36	5 / 8					
	reaction time	0.130				1.89	0.91	0.89	0.90	0.92		1.93		# of strides		6.61			
	interval																		
	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 olympiazzyklus 1981/84										
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>Schröder, Thomas (GDR) (1962)</b>	time				3.98			6.66		8.42		10.22	10.22	/ 1					
	reaction time							2.68		1.76		1.80	<b>PB</b>	# of strides	3.98	2.68			
	interval																		
	velocity				7.54			11.19		11.36		11.11	9.78		7.54	11.19			

## 1982 East German Spitzenklasse (Cottbus, GDR)

## FINAL

		date	21-Aug-82		wind		1.7 m/s		Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazzyklus 1981/84										
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>Emmelmann, Frank (GDR) (1961)</b>	time				3.99			6.66		8.42		10.20	10.20	/ 1					
	reaction time							2.67		1.76		1.78		# of strides	3.99	2.67			
	interval																		
	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 olympiazzyklus 1981/84										
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>Smith, Calvin (USA) (1961)</b>	time				3.90			6.46		8.16		9.91	9.91	/ 1					
	reaction time							2.56		1.70		1.75		# of strides	3.90	2.56			
	interval																		
	velocity				7.69			11.72		11.76		11.43	10.09		7.69	11.72			
<b>Prenzler, Olaf (GDR) (1958)</b>	time				4.02			6.68		8.46		10.25	10.25	/ 3					
	reaction time							2.66		1.78		1.79		# of strides	4.02	2.66			
	interval																		
	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		
<b>Wells, Allan (GBR) (1952)</b>	0.193												10.25	8 / 1		# of strides	47.2		
<b>Leonard, Silvio (CUB) (1955)</b>	0.151												10.25	1 / 2		# of strides	45.2		
<b>Petrov, Petar (BUL) (1955)</b>	0.145												10.39	5 / 3		# of strides	47.0		
<b>Aksinin, Aleksandr (URS) (1954)</b>	0.131												10.42	2 / 4		# of strides	51.0		
<b>Lara, Osvaldo (CUB) (1955)</b>	0.155												10.43	7 / 5		# of strides	47.2		
<b>Muravyov, Vladimir (URS) (1959)</b>	0.161												10.44	3 / 6		# of strides	47.0		
<b>Woronin, Marian (POL) (1956)</b>	0.163												10.46	4 / 7		# of strides	45.0		
<b>Panzo, Hermann (FRA) (1958)</b>	0.130												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 olympiazzyklus 1981/84										
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>Emmelmann, Frank (GDR) (1961)</b>	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 Spitzenklasse (Jena, GDR)****FINAL**

	date	17-May-80	wind	???	<i>Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84</i>														
			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	???	<i>Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84</i>														
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
<b>not entered</b>	time				4.04			6.72		8.50		10.34	10.33	/ 3					
Kurrat, Klaus-Dieter (GDR) (1955)	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	<i>Heß (1978) - die geschwindigkeitsdynamik von sprintern im 100m-lauf bei wettkampflaufen in olympiazyklus 1973/76</i>														
			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	<b>=PB</b>	# 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	???	<i>Heß (1978) - die geschwindigkeitsdynamik von sprintern im 100m-lauf bei wettkampflaufen in olympiazyklus 1973/76</i>														
			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	<i>Heß (1978) - die geschwindigkeitsdynamik von sprintern im 100m-lauf bei wettkampflaufen in olympiazyklus 1973/76</i>														
			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	<i>Heß (1978) - die geschwindigkeitsdynamik von sprintern im 100m-lauf bei wettkampflaufen in olympiazyklus 1973/76</i>														
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Crawford, Hasely (TTO) (1950)												<b>PB</b>	10.06	1 / 1	# of strides	45.2			
Quarrie, Don (JAM) (1951)												<b>PB</b>	10.07	4 / 2	# of strides	47.0			
Borzov, Valeriy (URS) (1949)													10.14	3 / 3	# of strides	45.5			
Glance, Harvey (USA) (1957)													10.19	5 / 4	# of strides	49.0			
Abrahams, Guy (PAN) (1953)												<b>PB</b>	10.25	8 / 5	# of strides	47.7			
Jones, Johnny (USA) (1958)													10.27	6 / 6	# of strides	44.0			
Kurrat, Klaus-Dieter (GDR) (1955)													10.31	7 / 7	# of strides	48.5			
Petrov, Petar (BUL) (1955)													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	<i>Heß (1978) - die geschwindigkeitsdynamik von sprintern im 100m-lauf bei wettkampflaufen in olympiazyklus 1973/76</i>														
			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	<b>PB</b>	# 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 geschwindigkeitsdynamik von sprintern im 100m-lauf bei wettkampflaufen***FINAL**

	date	25-Jan-76	<i>Tepper (1978) - Analyse der trainingsgestaltung und leistungsentwicklung in den sprintdisziplinen der M und F</i>														
			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			<i>Tepper (1978)</i>
	reaction time	interval						2.70		1.77		1.79	<b>WJBi</b>	# 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			<i>Heß (1978)</i>
	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
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**1975 Olympischer Tag (East Berlin, GDR)****A FINAL**

	date	11-May-75	wind 2.2 m/s		<i>Heß (1978) - die geschwindigkeitsdynamik von sprintern im 100m-lauf bei wettkampflaufen in olympiazyklus 1973/76</i>										Official Time	Lane / Place	0-30m	30-60m	60-90m
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m							
Ray, Eugen (GDR) (1957)	time												10.43	10.43	/ 1				
reaction time	interval														# of strides	3.94	2.76		
	velocity															7.61	10.87		

**1972 Olympic Games (München, FRG)****FINAL**

	date	01-Sep-72	wind 0.3 m/s		<i>Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints</i>										Official Time	Lane / Place	0-30m	30-60m	60-90m
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m							
Borzov, Valeriy (URS) (1949)	time												10.14	10.14	2 / 1			<i>Moravec (1986)</i>	
reaction time	interval														# of strides	3.91	2.67	2.66	
	velocity															46.5	7.67	11.24	11.28
Taylor, Robert (USA) (1948)	time												10.24	10.24	4 / 2				
reaction time	interval														# of strides	3.96	2.67		
	velocity															45.5	7.58	11.24	
Miller, Lennox (JAM) (1946)	time												10.33	10.33	5 / 3				
reaction time	interval														# of strides	4.01	2.66		
	velocity															46.5	7.48	11.28	
Kornelyuk, Aleksandr (URS) (1950)	time												10.36	10.36	6 / 4				
reaction time	interval														# of strides	3.88	2.73		
	velocity															50.0	7.73	10.99	
Fray, Mike (JAM) (1947)	time												10.40	10.40	8 / 5				
reaction time	interval														# of strides	3.98	2.75		
	velocity															46.0	7.54	10.91	
Hirscht, Jobst (FRG) (1948)	time												10.40	10.40	7 / 6				
reaction time	interval														# of strides	3.94	2.73		
	velocity															49.5	7.61	10.99	
Nowosz, Zenon (POL) (1944)	time												10.46	10.46	1 / 7				
reaction time	interval														# of strides	3.96	2.77		
	velocity															47.0	7.58	10.83	
Crawford, Hasely (TTO) (1950)													dnf	dnf	3 / --				

**1968 Olympic Games (Mexico City, MEX) (Altitude)****FINAL**

	date	14-Oct-68	wind 0.3 m/s		<i>Tepper (1978) - Analyse der trainingsgestaltung und leistungsentwicklung in den sprintdisziplinen der M und F</i>										Official Time	Lane / Place	0-30m	30-60m	60-90m
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m							
Hines, Jim (USA) (1946)	time												9.95	9.95	3 / 1				
reaction time	interval														# of strides	3.84	2.64		
	velocity															45.0	7.81	11.36	
Miller, Lennox (JAM) (1946)													10.04	10.04	4 / 2			# of strides 47.0	
Greene, Charlie (USA) (1944)													10.07	10.07	1 / 3			# of strides 49.0	
Montes, Pablo (CUB) (1945)													10.14	10.14	2 / 4			# of strides 46.5	
Bambuck, Roger (FRA) (1945)													10.15	10.15	5 / 5			# of strides 48.5	
Pender, Mel (USA) (1937)													10.17	10.17	6 / 6			# of strides 46.5	
Jerome, Harry (CAN) (1940)													10.20	10.20	7 / 7			# of strides 49.0	
Ravelomanantsoa, Jean-Louis (MAD) (1943)													10.27	10.27	8 / 8			# of strides 47.2	

**1964 Olympic Games (Tokyo, JPN)****FINAL**

	date	15-Oct-64	wind 1.1 m/s												Official Time	Lane / Place	0-30m	30-60m	60-90m
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m							
Hayes, Bob (USA) (1942)													(10.06)	=WR	10.0	1 / 1		# of strides 47.0	
Figuerola, Enrique (CUB) (1938)													(10.25)		10.2	3 / 2		# of strides 49.0	
Jerome, Harry (CAN) (1940)													(10.27)		10.2	5 / 3		# of strides 51.0	
Maniak, Wieslaw (POL) (1938)													(10.42)		10.4	6 / 4		# of strides 50.7	
Schumann, Heinz (EUA/FRG) (1936)													(10.46)		10.4	2 / 5		# of strides 48.5	
Koné, Gaoussou (CIV) (1944)													(10.47)		10.4	4 / 6		# of strides 46.2	
Pender, Mel (USA) (1937)													(10.47)		10.4	8 / 6		# of strides 49.7	
Robinson, Tom (BAH) (1938)													(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												Official Time	Lane / Place	0-30m	30-60m	60-90m
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m							
Hary, Armin (EUA/FRG) (1937)													(10.32)	=OR	10.2	6 / 1		# of strides 46.0	
Sime, Dave (USA) (1936)													(10.35)	=OR	10.2	1 / 2		# of strides 44.0	
Radford, Peter (GBR) (1939)													(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													<i>Hymans (2015) - progression of IAAF world records</i>		
		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										4.5	<b>WR</b>	# of strides				
	interval											9.90					
	velocity					8.93											

## 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										<b>=OR</b>	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													<i>Quercentani (2000). Athletics: A history of modern track and field athletics (1860-2000)</i>		
		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										4.5	<b>=WR</b>	# of strides				
	interval											9.80					
	velocity					8.77											

## 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										<b>OR</b>	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	# of strides			

## 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)	<b>=WR</b>	10.3	7 / 1	# of strides	53.0	
Metcalfe, Ralph (USA) (1910)	no information available										(10.38)	<b>=WR</b>	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										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
Lane, Frank (USA) (1874)	no information available
Halkokondilis, Alexandros (GRE) (1880)	no information available

12.6e	2 / 3
12.6e	1 / 4
12.6e	3 / 5

