

Women's 100m Split Times - by athletics meeting

LAST UPDATE: 5-Mar-25

2024 Chinese National Championships (Quzhou, CHN)

FINAL		date	15-Sep-24	wind	0.5 m/s										Shandong Athletics Sport Science (2024)						
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Liang Xiaojing (CHN) (1997)	time				2.02	3.12	4.17	5.16	6.16	7.15	8.15	9.17	10.22	11.33	11.33	5 / 1					
	reaction time	0.141	interval			1.10	1.05	0.99	1.00	0.99	1.00	1.02	1.05	1.11		# of strides	4.17	2.98	3.07		
	velocity				4.95	9.09	9.52	10.10	10.00	10.10	10.00	9.80	9.52	9.01	8.83	54.5	7.19	10.07	9.77		
Yuan Qiqi (CHN) (1995)	time				2.09	3.22	4.28	5.31	6.31	7.30	8.29	9.29	10.31	11.37	11.37	7 / 2					
	reaction time	0.195	interval			1.13	1.06	1.03	1.00	0.99	0.99	1.00	1.02	1.06		# of strides	4.28	3.02	3.01		
	velocity				4.78	8.85	9.43	9.71	10.00	10.10	10.10	10.00	9.80	9.43	8.80	59.0	7.01	9.93	9.97		
Chen Yujie (CHN) (2008)	time				2.06	3.20	4.25	5.29	6.30	7.30	8.30	9.32	10.36	11.41	11.41	3 / 3					
	reaction time	0.171	interval			1.14	1.05	1.04	1.01	1.00	1.00	1.02	1.04	1.05		# of strides	4.25	3.05	3.06		
	velocity				4.85	8.77	9.52	9.62	9.90	10.00	10.00	9.80	9.62	9.52	8.76	55.0	7.06	9.84	9.80		
Li He (CHN) (2001)	time				2.10	3.24	4.27	5.30	6.29	7.28	8.28	9.31	10.37	11.45	11.45	4 / 4					
	reaction time	0.194	interval			1.14	1.03	1.03	0.99	0.99	1.00	1.03	1.06	1.08		# of strides	4.27	3.01	3.09		
	velocity				4.76	8.77	9.71	9.71	10.10	10.10	10.00	9.71	9.43	9.26	8.73	53.0	7.03	9.97	9.71		
Zhu Junying (CHN) (2004)	time				2.05	3.21	4.27	5.31	6.31	7.33	8.34	9.37	10.41	11.52	11.52	6 / 5					
	reaction time	0.151	interval			1.16	1.06	1.04	1.00	1.02	1.01	1.03	1.04	1.11		# of strides	4.27	3.06	3.08		
	velocity				4.88	8.62	9.43	9.62	10.00	9.80	9.90	9.71	9.62	9.01	8.68	51.0	7.03	9.80	9.74		
Liu Qun (CHN) (1997)	time				2.03	3.17	4.23	5.28	6.30	7.32	8.35	9.39	10.48	11.58	11.58	2 / 6					
	reaction time	0.143	interval			1.14	1.06	1.05	1.02	1.02	1.03	1.04	1.09	1.10		# of strides	4.23	3.09	3.16		
	velocity				4.93	8.77	9.43	9.52	9.80	9.80	9.71	9.62	9.17	9.09	8.64	58.0	7.09	9.71	9.49		
Xu Jialu (CHN) (2000)	time				2.08	3.21	4.29	5.31	6.33	7.35	8.37	9.42	10.49	11.58	11.58	7 / 7					
	reaction time	0.199	interval			1.13	1.08	1.02	1.02	1.02	1.02	1.05	1.07	1.09		# of strides	4.29	3.06	3.14		
	velocity				4.81	8.85	9.26	9.80	9.80	9.80	9.80	9.52	9.35	9.17	8.64	52.5	6.99	9.80	9.55		
Kong Lingyao (CHN) (1997)	time				2.06	3.20	4.27	5.31	6.33	7.34	8.36	9.40	10.49	11.59	11.59	9 / 8					
	reaction time	0.159	interval			1.14	1.07	1.04	1.02	1.01	1.02	1.04	1.09	1.10	PB	# of strides	4.27	3.07	3.15		
	velocity				4.85	8.77	9.35	9.62	9.80	9.90	9.80	9.62	9.17	9.09	8.63	50.0	7.03	9.77	9.52		

Semi-Final 2		date	15-Sep-24	wind	-0.6 m/s										Shandong Athletics Sport Science (2024)				
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Zhu Junying (CHN) (2004)	time			2.10	3.26	4.34	5.38	6.40	7.39	8.40	9.44	10.49	11.53	11.53	6 / 1				
	reaction time	0.178	interval		1.16	1.08	1.04	1.02	0.99	1.01	1.04	1.05	1.04		# of strides	4.34	3.05	3.10	
			velocity		4.76	8.62	9.26	9.62	9.80	10.10	9.90	9.62	9.52	9.62	8.67	52.0	6.91	9.84	9.68
Yuan Qiqi (CHN) (1995)	time			2.15	3.34	4.41	5.43	6.45	7.45	8.45	9.50	10.54	11.60	11.60	7 / 2				
	reaction time	0.178	interval		1.19	1.07	1.02	1.02	1.00	1.00	1.05	1.04	1.06		# of strides	4.41	3.04	3.09	
			velocity		4.65	8.40	9.35	9.80	9.80	10.00	10.00	9.52	9.62	9.43	8.62	59.5	6.80	9.87	9.71
Chen Yujie (CHN) (2008)	time			2.08	3.26	4.35	5.39	6.42	7.44	8.46	9.50	10.56	11.64	11.64	5 / 3				
	reaction time	0.151	interval		1.18	1.09	1.04	1.03	1.02	1.02	1.04	1.06	1.08		# of strides	4.35	3.09	3.12	
			velocity		4.81	8.47	9.17	9.62	9.71	9.80	9.80	9.62	9.43	9.26	8.59	55.0	6.90	9.71	9.62
Wei Yongli (CHN) (1991)	time			2.08	3.25	4.34	5.38	6.42	7.45	8.47	9.53	10.63	11.74	11.74	4 / 4				
	reaction time	0.169	interval		1.17	1.09	1.04	1.04	1.03	1.02	1.06	1.10	1.11		# of strides	4.34	3.11	3.18	
			velocity		4.81	8.55	9.17	9.62	9.62	9.71	9.80	9.43	9.09	9.01	8.52	50.5	6.91	9.65	9.43

Semi-Final 1		date	15-Sep-24	wind	0.7 m/s										Shandong Athletics Sport Science (2024)					
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Li He (CHN) (2001)	time			2.09	3.21	4.29	5.29	6.29	7.26	8.26	9.28	10.32	11.38	11.38	5 / 1					
	reaction time	0.167	interval		1.12	1.08	1.00	1.00	0.97	1.00	1.02	1.04	1.06		# of strides	4.29	2.97	3.06		
	velocity			4.78	8.93	9.26	10.00	10.00	10.31	10.00	9.80	9.62	9.43	8.79	52.5	6.99	10.10	9.80		
Liang Xiaojing (CHN) (1997)	time			2.08	3.19	4.25	5.25	6.26	7.25	8.25	9.27	10.32	11.40	11.40	4 / 2					
	reaction time	0.165	interval		1.11	1.06	1.00	1.01	0.99	1.00	1.02	1.05	1.08		# of strides	4.25	3.00	3.07		
	velocity			4.81	9.01	9.43	10.00	9.90	10.10	10.00	9.80	9.52	9.26	8.77	54.0	7.06	10.00	9.77		
Xu Jialu (CHN) (2000)	time			2.08	3.25	4.30	5.34	6.36	7.37	8.41	9.46	10.54	11.60	11.60	7 / 3					
	reaction time	0.180	interval		1.17	1.05	1.04	1.02	1.01	1.04	1.05	1.08	1.06		# of strides	4.30	3.07	3.17		
	velocity			4.81	8.55	9.52	9.62	9.80	9.90	9.62	9.52	9.26	9.43	8.62	53.0	6.98	9.77	9.46		
Kong Lingyao (CHN) (1997)	time			2.10	3.26	4.35	5.38	6.41	7.42	8.44	9.49	10.54	11.62	11.62	9 / 4					
	reaction time	0.159	interval		1.16	1.09	1.03	1.03	1.01	1.02	1.05	1.05	1.08		# of strides	4.35	3.07	3.12		
	velocity			4.76	8.62	9.17	9.71	9.71	9.90	9.80	9.52	9.52	9.26	8.61	50.2	6.90	9.77	9.62		
Liu Qun (CHN) (1997)		time		2.08	3.26	4.34	5.37	6.40	7.40	8.42	9.48	10.57	11.65	11.65	3 / 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	0.146	interval		1.18	1.08	1.03	1.03	1.00	1.02	1.06	1.09	1.08		# of strides	4.34	3.06	3.17
		velocity	4.81	8.47	9.26	9.71	9.71	10.00	9.80	9.43	9.17	9.26	8.58	58.5	6.91	9.80	9.46

2024 Memorial van damme (Brussels, BEL)**FINAL**

date 13-Sep-24 wind 0.2 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
Alfred, Julien (LCA) (2001)	time		2.01	3.11	4.12	5.08	6.03	6.98	7.93	8.90	9.89	10.88	10.88	5 / 1			
	reaction time	0.150		1.10	1.01	0.96	0.95	0.95	0.95	0.97	0.99	0.99		# of strides	4.12	2.86	2.91
		interval															
		velocity	4.98	9.09	9.90	10.42	10.53	10.53	10.53	10.31	10.10	10.10	9.19	48.5	7.28	10.49	10.31
Asher-Smith, Dina (GBR) (1995)	time		2.00	3.12	4.13	5.10	6.06	7.02	7.98	8.95	9.93	10.92	10.92	4 / 2			
	reaction time	0.146		1.12	1.01	0.97	0.96	0.96	0.96	0.97	0.98	0.99		# of strides	4.13	2.89	2.91
		interval															
		velocity	5.00	8.93	9.90	10.31	10.42	10.42	10.42	10.31	10.20	10.10	9.16	50.0	7.26	10.38	10.31
Ta Lou-Smith, Marie-Josée (CIV)	time		2.04	3.17	4.19	5.16	6.13	7.09	8.06	9.04	10.03	11.05	11.05	7 / 3			
	reaction time	0.163		1.13	1.02	0.97	0.96	0.96	0.97	0.98	0.99	1.02		# of strides	4.19	2.90	2.94
		interval															
		velocity	4.90	8.85	9.80	10.31	10.31	10.42	10.31	10.20	10.10	9.80	9.05	50.2	7.16	10.34	10.20
Neita, Daryll (GBR) (1996)	time		2.08	3.22	4.25	5.23	6.21	7.17	8.14	9.12	10.12	11.14	11.14	8 / 4			
	reaction time	0.156		1.14	1.03	0.98	0.98	0.96	0.97	0.98	1.00	1.02		# of strides	4.25	2.92	2.95
		interval															
		velocity	4.81	8.77	9.71	10.20	10.20	10.42	10.31	10.20	10.00	9.80	8.98	46.0	7.06	10.27	10.17
van der Weken, Patrizia (LUX) (1995)	time		2.02	3.16	4.19	5.18	6.16	7.13	8.11	9.11	10.12	11.16	11.16	1 / 5			
	reaction time	0.113		1.14	1.03	0.99	0.98	0.97	0.98	1.00	1.01	1.04		# of strides	4.19	2.94	2.99
		interval															
		velocity	4.95	8.77	9.71	10.10	10.20	10.31	10.20	10.00	9.90	9.62	8.96	48.0	7.16	10.20	10.03
Bass, Gina (GAM) (1995)	time		2.03	3.18	4.23	5.23	6.22	7.19	8.18	9.18	10.18	11.19	11.19	2 / 6			
	reaction time	0.156		1.15	1.05	1.00	0.99	0.97	0.99	1.00	1.00	1.01		# of strides	4.23	2.96	2.99
		interval															
		velocity	4.93	8.70	9.52	10.00	10.10	10.31	10.10	10.00	10.00	9.90	8.94	51.0	7.09	10.14	10.03
Davis, Tamari (USA) (2003)	time		1.98	3.11	4.14	5.14	6.13	7.12	8.11	9.12	10.15	11.21	11.21	3 / 7			
	reaction time	0.131		1.13	1.03	1.00	0.99	0.99	0.99	1.01	1.03	1.06		# of strides	4.14	2.98	3.03
		interval															
		velocity	5.05	8.85	9.71	10.00	10.10	10.10	10.10	9.90	9.71	9.43	8.92	47.0	7.25	10.07	9.90
Richardson, Sha'Carri (USA) (2003)	time		2.05	3.20	4.22	5.20	6.18	7.16	8.14	9.13	10.14	11.23	11.23	6 / 8			
	reaction time	0.163		1.15	1.02	0.98	0.98	0.98	0.98	0.99	1.01	1.09		# of strides	4.22	2.94	2.98
		interval															
		velocity	4.88	8.70	9.80	10.20	10.20	10.20	10.20	10.10	9.90	9.17	8.90	51.7	7.11	10.20	10.07
Rosius, Rani (BEL) (2000)	time		2.08	3.23	4.27	5.27	6.26	7.25	8.26	9.28	10.32	11.37	11.37	9 / 9			
	reaction time	0.169		1.15	1.04	1.00	0.99	0.99	1.01	1.02	1.04	1.05		# of strides	4.27	2.98	3.07
		interval															
		velocity	4.81	8.70	9.62	10.00	10.10	10.10	9.90	9.80	9.62	9.52	8.80	51.0	7.03	10.07	9.77

2024 Weltklasse (Zürich, SUI)**FINAL**

date 05-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
Richardson, Sha'Carri (USA) (2003)	time		2.04	3.16	4.17	5.14	6.09	7.03	7.97	8.92	9.88	10.84	10.84	5 / 1			
	reaction time	0.160		1.12	1.01	0.97	0.95	0.94	0.94	0.95	0.96	0.96		# of strides	4.17	2.86	2.85
		interval															
		velocity	4.90	8.93	9.90	10.31	10.53	10.64	10.64	10.53	10.42	10.42	9.23	51.2	7.19	10.49	10.53
Alfred, Julien (LCA) (2001)	time		2.04	3.15	4.16	5.13	6.09	7.04	7.98	8.93	9.90	10.88	10.88	4 / 2			
	reaction time	0.173		1.11	1.01	0.97	0.96	0.95	0.94	0.95	0.97	0.98		# of strides	4.16	2.88	2.86
		interval															
		velocity	4.90	9.01	9.90	10.31	10.42	10.53	10.64	10.53	10.31	10.20	9.19	49.0	7.21	10.42	10.49
Asher-Smith, Dina (GBR) (1995)	time		1.98	3.10	4.10	5.06	6.01	6.97	7.92	8.89	9.89	10.89	10.89	6 / 3			
	reaction time	0.142		1.12	1.00	0.96	0.95	0.96	0.95	0.97	1.00	1.00		# of strides	4.10	2.87	2.92
		interval															
		velocity	5.05	8.93	10.00	10.42	10.53	10.42	10.53	10.31	10.00	10.00	9.18	49.5	7.32	10.45	10.27
Ta Lou-Smith, Marie-Josée (CIV)	time		2.01	3.13	4.15	5.13	6.09	7.04	7.99	8.96	9.94	10.93	10.93	7 / 4			
	reaction time	0.144		1.12	1.02	0.98	0.96	0.95	0.95	0.97	0.98	0.99		# of strides	4.15	2.89	2.90
		interval															
		velocity	4.98	8.93	9.80	10.20	10.42	10.53	10.53	10.31	10.20	10.10	9.15	50.5	7.23	10.38	10.34
Davis, Tamari (USA) (2003)	time		2.00	3.13	4.16	5.15	6.13	7.10	8.08	9.06	10.06	11.06	11.06	1 / 5			
	reaction time	0.136		1.13	1.03	0.99	0.98	0.97	0.98	0.98	1.00	1.00		# of strides	4.16	2.94	2.96
		interval															
		velocity	5.00	8.85	9.71	10.10	10.20	10.31	10.20	10.20	10.00	10.00	9.04	47.0	7.21	10.20	10.14
Clayton, Tia (JAM) (2004)	time		2.00	3.12	4.14	5.12	6.10	7.07	8.05	9.04	10.06	11.09	11.09	8 / 6			
	reaction time	0.136		1.12	1.02	0.98	0.98	0.97	0.98	0.99	1.02	1.03		# of strides	4.14	2.93	2.99
		interval															
		velocity	5.00	8.93	9.80	10.20	10.20	10.31	10.20	10.10	9.80	9.71	9.02	50.0	7.25	10.24	10.03
Neita, Daryll (GBR) (1996)	time		2.06	3.20	4.24	5.23	6.20	7.16	8.12	9.10	10.10	11.11	11.11	2 / 7			
	reaction time	0.139		1.14	1.04	0.99	0.97	0.96	0.96	0.98	1.00	1.01		# of strides	4.24	2.92	2.94
		interval															
		velocity	4.85	8.77	9.62	10.10	10.31	10.42	10.42	10.20	10.00	9.90	9.00	47.0	7.08	10.27	10.20
Kambundji, Mujinga (SUI) (1992)	time		2.07	3.21	4.24	5.22	6.19	7.16	8.14	9.13	10.12	11.14	11.14	3 / 8			
	reaction time	0.139		1.14	1.03	0.98	0.97	0.97	0.98	0.99	0.99	1.02		# of strides	4.24	2.92	2.96
		interval															

	velocity	4.83	8.77	9.71	10.20	10.31	10.31	10.20	10.10	10.10	9.80	8.98	51.5	7.08	10.27	10.14
Bass, Gina (GAM) (1995)	time	2.05	3.19	4.24	5.24	6.23	7.21	8.18	9.17	10.16	11.17	11.17	9 / 9			
reaction time	0.169 interval		1.14	1.05	1.00	0.99	0.98	0.97	0.99	0.99	1.01		# of strides	4.24	2.97	2.95
	velocity	4.88	8.77	9.52	10.00	10.10	10.20	10.31	10.10	10.10	9.90	8.95	51.2	7.08	10.10	10.17

Heat B

Heat B		date	05-Sep-24	wind	-0.5 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
Posch, Isabel (AUT) (2000)	time			2.07	3.25	4.31	5.34	6.35	7.38	8.40	9.45	10.50	11.56	11.56	6 / 1			
	reaction time	0.145	interval		1.18	1.06	1.03	1.01	1.03	1.02	1.05	1.05	1.06		# of strides	4.31	3.07	3.12
			velocity	4.83	8.47	9.43	9.71	9.90	9.71	9.80	9.52	9.52	9.43	8.65		6.96	9.77	9.62
Bisschops, Minke (NED) (2002)	time			2.12	3.29	4.36	5.38	6.40	7.42	8.45	9.49	10.55	11.62	11.62	5 / 2			
	reaction time	0.139	interval		1.17	1.07	1.02	1.02	1.02	1.03	1.04	1.06	1.07		# of strides	4.36	3.06	3.13
			velocity	4.72	8.55	9.35	9.80	9.80	9.80	9.71	9.62	9.43	9.35	8.61		6.88	9.80	9.58
Lindner, Magdalena (AUT) (2000)	time			2.12	3.29	4.37	5.37	6.40	7.44	8.48	9.54	10.62	11.70	11.70	4 / 3			
	reaction time	0.143	interval		1.17	1.08	1.00	1.03	1.04	1.04	1.06	1.08	1.08		# of strides	4.37	3.07	3.18
			velocity	4.72	8.55	9.26	10.00	9.71	9.62	9.62	9.43	9.26	9.26	8.55		6.86	9.77	9.43
Furuhaug, Malin (NOR) (2002)	time			2.17	3.37	4.44	5.47	6.49	7.52	8.56	9.61	10.67	11.75	11.75	1 / 4			
	reaction time	0.176	interval		1.20	1.07	1.03	1.02	1.03	1.04	1.05	1.06	1.08	PB	# of strides	4.44	3.08	3.15
			velocity	4.61	8.33	9.35	9.71	9.80	9.71	9.62	9.52	9.43	9.26	8.51		6.76	9.74	9.52
Becerra, Soraya (SUI) (2004)	time			2.11	3.30	4.38	5.42	6.45	7.49	8.54	9.61	10.68	11.75	11.75	3 / 5			
	reaction time	0.145	interval		1.19	1.08	1.04	1.03	1.04	1.05	1.07	1.07	1.07		# of strides	4.38	3.11	3.19
			velocity	4.74	8.40	9.26	9.62	9.71	9.62	9.52	9.35	9.35	9.35	8.51		6.85	9.65	9.40
Kokkonen, Jenna (FIN) (2001)	time			2.13	3.32	4.40	5.45	6.50	7.55	8.60	9.68	10.75	11.84	11.84	7 / 6			
	reaction time	0.144	interval		1.19	1.08	1.05	1.05	1.05	1.05	1.08	1.07	1.09		# of strides	4.40	3.15	3.20
			velocity	4.69	8.40	9.26	9.52	9.52	9.52	9.52	9.26	9.35	9.17	8.45		6.82	9.52	9.38
Baas, Mette (FIN) (2000)	time			2.12	3.33	4.41	5.46	6.49	7.54	8.59	9.67	10.75	11.85	11.85	2 / 7			
	reaction time	0.135	interval		1.21	1.08	1.05	1.03	1.05	1.05	1.08	1.08	1.10		# of strides	4.41	3.13	3.21
			velocity	4.72	8.26	9.26	9.52	9.71	9.52	9.52	9.26	9.26	9.09	8.44		6.80	9.58	9.35
Caligiuri, Iris (SUI) (2003)	time			2.16	3.34	4.42	5.47	6.52	7.56	8.62	9.69	10.77	11.85	11.85	8 / 8			
	reaction time	0.141	interval		1.18	1.08	1.05	1.05	1.04	1.06	1.07	1.08	1.08		# of strides	4.42	3.14	3.21
			velocity	4.63	8.47	9.26	9.52	9.52	9.62	9.43	9.35	9.26	9.26	8.44		6.79	9.55	9.35
Amundsen, Maren Bakke (NOR)	time			2.19	3.40	4.50	5.55	6.61	7.65	8.70	9.77	10.83	11.91	11.91	9 / 9			
	reaction time	0.200	interval		1.21	1.10	1.05	1.06	1.04	1.05	1.07	1.06	1.08		# of strides	4.50	3.15	3.18
			velocity	4.57	8.26	9.09	9.52	9.43	9.62	9.52	9.35	9.43	9.26	8.40		6.67	9.52	9.43

Heat A

heat A		date	05-Sep-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	
Henriksson, Julia (2000) (SWE)	time			2.05	3.20	4.24	5.23	6.22	7.20	8.19	9.18	10.18	11.23	11.23	4 / 1				
	reaction time	0.175			1.15	1.04	0.99	0.99	0.98	0.99	0.99	1.00	1.05		# of strides	4.24	2.96	2.98	
	interval			4.88	8.70	9.62	10.10	10.10	10.20	10.10	10.10	10.00	9.52	8.90		7.08	10.14	10.07	
Rosius, Rani (BEL) (2000)	time			2.04	3.19	4.22	5.21	6.20	7.19	8.18	9.18	10.20	11.29	11.29	6 / 2				
	reaction time	0.138			1.15	1.03	0.99	0.99	0.99	0.99	1.00	1.02	1.09		# of strides	4.22	2.97	3.01	
	interval			4.90	8.70	9.71	10.10	10.10	10.10	10.10	10.00	9.80	9.17	8.86		7.11	10.10	9.97	
Kora, Salomé (SUI) (1994)	time			2.09	3.25	4.29	5.28	6.27	7.25	8.24	9.24	10.26	11.33	11.33	5 / 3				
	reaction time	0.160			1.16	1.04	0.99	0.99	0.98	0.99	1.00	1.02	1.07		# of strides	4.29	2.96	3.01	
	interval			4.78	8.62	9.62	10.10	10.10	10.20	10.10	10.00	9.80	9.35	8.83		6.99	10.14	9.97	
Nkansa, Delphine (BEL) (2001)	time			2.03	3.20	4.25	5.26	6.27	7.27	8.27	9.28	10.31	11.40	11.40	7 / 4				
	reaction time	0.141			1.17	1.05	1.01	1.01	1.00	1.00	1.01	1.03	1.09		# of strides	4.25	3.02	3.04	
	interval			4.93	8.55	9.52	9.90	9.90	10.00	10.00	9.90	9.71	9.17	8.77		7.06	9.93	9.87	
Jiya, Tasa (NED) (1997)	time			2.05	3.21	4.26	5.28	6.29	7.29	8.30	9.31	10.34	11.42	11.42	8 / 5				
	reaction time	0.154			1.16	1.05	1.02	1.01	1.00	1.01	1.01	1.03	1.08		# of strides	4.26	3.03	3.05	
	interval			4.88	8.62	9.52	9.80	9.90	10.00	9.90	9.90	9.71	9.26	8.76		7.04	9.90	9.84	
Frey, Géraldine (SUI) (1997)	time			1.98	3.14	4.19	5.21	6.22	7.24	8.26	9.29	10.34	11.44	11.44	3 / 6				
	reaction time	0.131			1.16	1.05	1.02	1.01	1.02	1.02	1.03	1.05	1.10		# of strides	4.19	3.05	3.10	
	interval			5.05	8.62	9.52	9.80	9.90	9.80	9.80	9.71	9.52	9.09	8.74		7.16	9.84	9.68	
van Hunenstijn, Marije (NED) (1991)	time			2.09	3.27	4.33	5.34	6.35	7.35	8.35	9.35	10.37	11.45	11.45	2 / 7				
	reaction time	0.135			1.18	1.06	1.01	1.01	1.00	1.00	1.00	1.02	1.08		# of strides	4.33	3.02	3.02	
	interval			4.78	8.47	9.43	9.90	9.90	10.00	10.00	10.00	9.80	9.26	8.73		6.93	9.93	9.93	
van Camp, Emma (SUI) (2004)		time		2.06	3.25	4.30	5.32	6.33	7.35	8.39	9.43	10.49	11.59	11.59	1 / 8				

reaction time	0.149	interval		1.19	1.05	1.02	1.01	1.02	1.04	1.04	1.06	1.10		# of strides	4.30	3.05	3.14
		velocity	4.85	8.40	9.52	9.80	9.90	9.80	9.62	9.62	9.43	9.09	8.63		6.98	9.84	9.55
Atcho-Jaquier, Sarah (SUI) (1995)	time	2.15	3.34	4.40	5.42	6.43	7.44	8.47	9.50	10.56	11.68	11.68		9 / 9			
reaction time	0.182	interval		1.19	1.06	1.02	1.01	1.01	1.03	1.03	1.06	1.12		# of strides	4.40	3.04	3.12
		velocity	4.65	8.40	9.43	9.80	9.90	9.90	9.71	9.71	9.43	8.93	8.56		6.82	9.87	9.62

2024 Kamila Skolimowska Memorial (Silesia, POL)**FINAL**

	date	25-Aug-24	wind	2.9 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
Clayton, Tia (JAM) (2004)	time				1.96	3.07	4.08	5.05	5.99	6.93	7.88	8.84	9.82	10.83	10.83	8 / 1	
reaction time	0.162	interval				1.11	1.01	0.97	0.94	0.94	0.95	0.96	0.98	1.01		# of strides	4.08 2.85 2.89
		velocity			5.10	9.01	9.90	10.31	10.64	10.64	10.53	10.42	10.20	9.90	9.23	49.5	7.35 10.53 10.38
Ta Lou-Smith, Marie-Josée (CIV)	time				1.98	3.10	4.11	5.06	6.01	6.94	7.90	8.86	9.83	10.83	10.83	6 / 2	
reaction time	0.159	interval				1.12	1.01	0.95	0.95	0.93	0.96	0.96	0.97	1.00		# of strides	4.11 2.83 2.89
		velocity			5.05	8.93	9.90	10.53	10.53	10.75	10.42	10.42	10.31	10.00	9.23	49.7	7.30 10.60 10.38
Davis, Tamari (USA) (2003)	time				1.93	3.05	4.07	5.05	6.00	6.95	7.91	8.88	9.85	10.84	10.84	4 / 3	
reaction time	0.118	interval				1.12	1.02	0.98	0.95	0.95	0.96	0.97	0.97	0.99		# of strides	4.07 2.88 2.90
		velocity			5.18	8.93	9.80	10.20	10.53	10.53	10.42	10.31	10.31	10.10	9.23	47.0	7.37 10.42 10.34
Neita, Daryll (GBR) (1996)	time				2.00	3.13	4.16	5.13	6.08	7.05	8.01	8.99	9.99	11.01	11.01	7 / 4	
reaction time	0.134	interval				1.13	1.03	0.97	0.95	0.97	0.96	0.98	1.00	1.02		# of strides	4.16 2.89 2.94
		velocity			5.00	8.85	9.71	10.31	10.53	10.31	10.42	10.20	10.00	9.80	9.08	46.7	7.21 10.38 10.20
van der Weken, Patrizia (LUX) (1991)	time				2.02	3.16	4.17	5.14	6.11	7.06	8.02	9.00	10.01	11.03	11.03	9 / 5	
reaction time	0.144	interval				1.14	1.01	0.97	0.97	0.95	0.96	0.98	1.01	1.02		# of strides	4.17 2.89 2.95
		velocity			4.95	8.77	9.90	10.31	10.31	10.53	10.42	10.20	9.90	9.80	9.07	48.2	7.19 10.38 10.17
Swoboda, Ewa (POL) (1997)	time				1.96	3.10	4.12	5.10	6.06	7.03	8.00	8.99	10.00	11.03	11.03	5 / 6	
reaction time	0.148	interval				1.14	1.02	0.98	0.96	0.97	0.97	0.99	1.01	1.03		# of strides	4.12 2.91 2.97
		velocity			5.10	8.77	9.80	10.20	10.42	10.31	10.31	10.10	9.90	9.71	9.07	49.5	7.28 10.31 10.10
Bass, Gina (GAM) (1995)	time				2.02	3.16	4.18	5.17	6.13	7.09	8.07	9.05	10.04	11.05	11.05	3 / 7	
reaction time	0.158	interval				1.14	1.02	0.99	0.96	0.96	0.98	0.98	0.99	1.01		# of strides	4.18 2.91 2.95
		velocity			4.95	8.77	9.80	10.10	10.42	10.42	10.20	10.20	10.10	9.90	9.05	51.0	7.18 10.31 10.17
Prandini, Jenna (USA) (1992)	time				2.05	3.21	4.24	5.22	6.18	7.13	8.09	9.06	10.06	11.07	11.07	1 / 8	
reaction time	0.149	interval				1.16	1.03	0.98	0.96	0.95	0.96	0.97	1.00	1.01		# of strides	4.24 2.89 2.93
		velocity			4.88	8.62	9.71	10.20	10.42	10.53	10.42	10.31	10.00	9.90	9.03	50.0	7.08 10.38 10.24
Morrison, Natasha (JAM) (1992)	time				2.00	3.14	4.17	5.15	6.12	7.08	8.05	9.03	10.04	11.07	11.07	2 / 9	
reaction time	0.172	interval				1.14	1.03	0.98	0.97	0.96	0.97	0.98	1.01	1.03		# of strides	4.17 2.91 2.96
		velocity			5.00	8.77	9.71	10.20	10.31	10.42	10.31	10.20	9.90	9.71	9.03	49.5	7.19 10.31 10.14

2024 Athletissima (Lausanne, SUI)**FINAL**

	date	22-Aug-24	wind	-0.4 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
Asher-Smith, Dina (GBR) (1995)	time				1.94	3.06	4.06	5.03	5.99	6.95	7.91	8.88	9.87	10.88	10.88	2 / 1	
reaction time	0.121	interval				1.12	1.00	0.97	0.96	0.96	0.96	0.97	0.99	1.01		# of strides	4.06 2.89 2.92
		velocity			5.15	8.93	10.00	10.31	10.42	10.42	10.42	10.31	10.10	9.90	9.19	49.0	7.39 10.38 10.27
Davis, Tamari (USA) (2003)	time				1.95	3.10	4.12	5.10	6.07	7.03	7.99	8.97	9.96	10.97	10.97	7 / 2	
reaction time	0.135	interval				1.15	1.02	0.98	0.97	0.96	0.96	0.98	0.99	1.01		# of strides	4.12 2.91 2.93
		velocity			5.13	8.70	9.80	10.20	10.31	10.42	10.42	10.20	10.10	9.90	9.12	47.5	7.28 10.31 10.24
Kambundji, Mujinga (SUI) (1992)	time				2.03	3.15	4.17	5.15	6.11	7.08	8.05	9.03	10.04	11.06	11.06	5 / 3	
reaction time	0.127	interval				1.12	1.02	0.98	0.96	0.97	0.97	0.98	1.01	1.02		# of strides	4.17 2.91 2.96
		velocity			4.93	8.93	9.80	10.20	10.42	10.31	10.31	10.20	9.90	9.80	9.04	51.7	7.19 10.31 10.14
Ta Lou-Smith, Marie-Josée (CIV)	time				2.03	3.16	4.18	5.17	6.13	7.10	8.07	9.05	10.04	11.07	11.07	4 / 4	
reaction time	0.170	interval				1.13	1.02	0.99	0.96	0.97	0.97	0.98	0.99	1.03		# of strides	4.18 2.92 2.94
		velocity			4.93	8.85	9.80	10.10	10.42	10.31	10.31	10.20	10.10	9.71	9.03	50.0	7.18 10.27 10.20
Clayton, Tia (JAM) (2004)	time				1.97	3.11	4.14	5.12	6.09	7.06	8.05	9.04	10.04	11.10	11.10	3 / 5	
reaction time	0.169	interval				1.14	1.03	0.98	0.97	0.97	0.99	0.99	1.00	1.06		# of strides	4.14 2.92 2.98
		velocity			5.08	8.77	9.71	10.20	10.31	10.31	10.10	10.10	10.00	9.43	9.01	50.2	7.25 10.27 10.07
Lückenkemper, Gina (GER) (1996)	time				2.09	3.24	4.28	5.27	6.24	7.20	8.18	9.16	10.17	11.19	11.19	8 / 6	
reaction time	0.196	interval				1.15	1.04	0.99	0.97	0.96	0.98	0.98	1.01	1.02		# of strides	4.28 2.92 2.97
		velocity			4.78	8.70	9.62	10.10	10.31	10.42	10.20	10.20	9.90	9.80	8.94	49.7	7.01 10.27 10.10
Neita, Daryll (GBR) (1996)	time				2.02	3.17	4.21	5.20	6.17	7.15	8.13	9.12	10.13	11.20	11.20	6 / 7	
reaction time	0.129	interval				1.15	1.04	0.99	0.97	0.98	0.98	0.99	1.01	1.07		# of strides	4.21 2.94 2.98

velocity	4.95	8.70	9.62	10.10	10.31	10.20	10.20	10.10	9.90	9.35	8.93	46.2	7.13	10.20	10.07
van der Weken, Patrizia (LUX) (19	time	3.20	4.25	5.24	6.22	7.19	8.18	9.18	10.19	11.24	11.24	1 / 8			
reaction time	0.136	interval	1.05	0.99	0.98	0.97	0.99	1.00	1.01	1.05		# of strides	4.25	2.94	3.00
velocity		6.25	9.52	10.10	10.20	10.31	10.10	10.00	9.90	9.52	8.90	49.0	7.06	10.20	10.00

B Race - Heat 2

date 22-Aug-24

wind 2.2 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
Bisschops, Minke (NED) (2002)	time	2.09	3.25	4.31	5.33	6.33	7.34	8.35	9.37	10.42	11.47	11.47	5 / 1			
reaction time	0.127	interval	1.16	1.06	1.02	1.00	1.01	1.01	1.02	1.05	1.05		# of strides	4.31	3.03	3.08
velocity		4.78	8.62	9.43	9.80	10.00	9.90	9.90	9.80	9.52	9.52	8.72		6.96	9.90	9.74
Posch, Isabel (AUT) (2000)	time	2.08	3.25	4.32	5.34	6.35	7.35	8.37	9.40	10.44	11.50	11.50	4 / 2			
reaction time	0.142	interval	1.17	1.07	1.02	1.01	1.00	1.02	1.03	1.04	1.06		# of strides	4.32	3.03	3.09
velocity		4.81	8.55	9.35	9.80	9.90	10.00	9.80	9.71	9.62	9.43	8.70		6.94	9.90	9.71
Bürgi, Céline (SUI) (1999)	time	2.12	3.30	4.35	5.37	6.38	7.38	8.40	9.43	10.47	11.51	11.51	3 / 3			
reaction time	0.144	interval	1.18	1.05	1.02	1.01	1.00	1.02	1.03	1.04	1.04		# of strides	4.35	3.03	3.09
velocity		4.72	8.47	9.52	9.80	9.90	10.00	9.80	9.71	9.62	9.62	8.69		6.90	9.90	9.71
van den Berg, Isabel (NED) (2005)	time	2.11	3.28	4.36	5.39	6.41	7.42	8.46	9.51	10.57	11.64	11.64	6 / 4			
reaction time	0.153	interval	1.17	1.08	1.03	1.02	1.01	1.04	1.05	1.06	1.07		# of strides	4.36	3.06	3.15
velocity		4.74	8.55	9.26	9.71	9.80	9.90	9.62	9.52	9.43	9.35	8.59		6.88	9.80	9.52
Caligiuri, Iris (SUI) (2003)	time	2.13	3.31	4.37	5.40	6.41	7.44	8.47	9.51	10.58	11.65	11.65	7 / 5			
reaction time	0.125	interval	1.18	1.06	1.03	1.01	1.03	1.03	1.04	1.07	1.07		# of strides	4.37	3.07	3.14
velocity		4.69	8.47	9.43	9.71	9.90	9.71	9.71	9.62	9.35	9.35	8.58		6.86	9.77	9.55
Becerra, Soraya (SUI) (2004)	time	2.15	3.35	4.43	5.46	6.49	7.52	8.54	9.59	10.66	11.73	11.73	2 / 6			
reaction time	0.144	interval	1.20	1.08	1.03	1.03	1.03	1.02	1.05	1.07	1.07		# of strides	4.43	3.09	3.14
velocity		4.65	8.33	9.26	9.71	9.71	9.71	9.80	9.52	9.35	9.35	8.53		6.77	9.71	9.55
Ledermann, Anouk (SUI) (2004)	time	2.17	3.38	4.47	5.52	6.57	7.62	8.69	9.78	10.87	11.98	11.98	1 / 7			
reaction time	0.136	interval	1.21	1.09	1.05	1.05	1.05	1.07	1.09	1.09	1.11		# of strides	4.47	3.15	3.25
velocity		4.61	8.26	9.17	9.52	9.52	9.52	9.35	9.17	9.17	9.01	8.35		6.71	9.52	9.23
Fuler, Selina (SUI) (2003)	time	2.14	3.36	4.47	5.54	6.59	7.65	8.72	9.80	10.89	12.02	12.02	8 / 8			
reaction time	0.135	interval	1.22	1.11	1.07	1.05	1.06	1.07	1.08	1.09	1.13		# of strides	4.47	3.18	3.24
velocity		4.67	8.20	9.01	9.35	9.52	9.43	9.35	9.26	9.17	8.85	8.32		6.71	9.43	9.26

B Race - Heat 1

date 22-Aug-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
Prandini, Jenna (USA) (1992)	time	2.08	3.24	4.28	5.28	6.26	7.24	8.22	9.21	10.21	11.24	11.24	4 / 1			
reaction time	0.189	interval	1.16	1.04	1.00	0.98	0.98	0.98	0.99	1.00	1.03		# of strides	4.28	2.96	2.97
velocity		4.81	8.62	9.62	10.00	10.20	10.20	10.20	10.10	10.00	9.71	8.90		7.01	10.14	10.10
Takács, Boglárka (HUN) (2001)	time	2.09	3.24	4.29	5.29	6.28	7.27	8.27	9.27	10.29	11.35	11.35	3 / 2			
reaction time	0.167	interval	1.15	1.05	1.00	0.99	0.99	1.00	1.00	1.02	1.06		# of strides	4.29	2.98	3.02
velocity		4.78	8.70	9.52	10.00	10.10	10.10	10.00	10.00	9.80	9.43	8.81		6.99	10.07	9.93
Hunt, Amy (GBR) (2002)	time	2.06	3.22	4.27	5.29	6.28	7.27	8.27	9.27	10.30	11.36	11.36	6 / 3			
reaction time	0.186	interval	1.16	1.05	1.02	0.99	0.99	1.00	1.00	1.03	1.06		# of strides	4.27	3.00	3.03
velocity		4.85	8.62	9.52	9.80	10.10	10.10	10.00	10.00	9.71	9.43	8.80		7.03	10.00	9.90
Kora, Salomé (SUI) (1994)	time	2.06	3.22	4.28	5.29	6.28	7.28	8.28	9.30	10.33	11.41	11.41	5 / 4			
reaction time	0.168	interval	1.16	1.06	1.01	0.99	1.00	1.00	1.02	1.03	1.08		# of strides	4.28	3.00	3.05
velocity		4.85	8.62	9.43	9.90	10.10	10.00	10.00	9.80	9.71	9.26	8.76		7.01	10.00	9.84
Bazolo, Lorène Dorcas (POR) (19	time	2.05	3.21	4.25	5.27	6.26	7.26	8.27	9.30	10.34	11.42	11.42	2 / 5			
reaction time	0.141	interval	1.16	1.04	1.02	0.99	1.00	1.01	1.03	1.04	1.08		# of strides	4.25	3.01	3.08
velocity		4.88	8.62	9.62	9.80	10.10	10.00	9.90	9.71	9.62	9.26	8.76		7.06	9.97	9.74
Williams, Bianca (GBR) (1993)	time	2.03	3.18	4.26	5.30	6.32	7.33	8.34	9.36	10.38	11.45	11.45	1 / 6			
reaction time	0.164	interval	1.15	1.08	1.04	1.02	1.01	1.01	1.02	1.02	1.07		# of strides	4.26	3.07	3.05
velocity		4.93	8.70	9.26	9.62	9.80	9.90	9.90	9.80	9.80	9.35	8.73		7.04	9.77	9.84
Henry, Desiree (GBR) (1995)	time	2.12	3.30	4.36	5.38	6.38	7.38	8.38	9.40	10.44	11.53	11.53	7 / 7			
reaction time	0.152	interval	1.18	1.06	1.02	1.00	1.00	1.00	1.02	1.04	1.09		# of strides	4.36	3.02	3.06
velocity		4.72	8.47	9.43	9.80	10.00	10.00	10.00	9.80	9.62	9.17	8.67		6.88	9.93	9.80
van Camp, Emma (SUI) (2004)	time	2.07	3.24	4.31	5.33	6.36	7.38	8.41	9.46	10.53	11.62	11.62	8 / 8			
reaction time	0.185	interval	1.17	1.07	1.02	1.03	1.02	1.03	1.05	1.07	1.09		# of strides	4.31	3.07	3.15
velocity		4.83	8.55	9.35	9.80	9.71	9.80	9.71	9.52	9.35	9.17	8.61		6.96	9.77	9.52

2024 Olympic Games (Paris, FRA)

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	0.173	interval		1.13	1.00	0.97	0.94	0.93	0.95	0.93	0.97	1.02		# of strides	4.13	2.84	2.85
velocity			5.00	8.85	10.00	10.31	10.64	10.75	10.53	10.75	10.31	9.80	9.23	49.0	7.26	10.56	10.53
Richardson, Sha'Carri (USA) (2016)	time	2.05	3.16	4.18	5.15	6.10	7.03	7.97	8.92	9.89	10.89	10.89		7 / 2			
reaction time	0.191	interval		1.11	1.02	0.97	0.95	0.93	0.94	0.95	0.97	1.00		# of strides	4.18	2.85	2.86
velocity		4.88	9.01	9.80	10.31	10.53	10.75	10.64	10.53	10.31	10.00	9.18		51.0	7.18	10.53	10.49
Bass, Gina (GAM) (1995)	time	2.02	3.16	4.20	5.21	6.17	7.13	8.12	9.09	10.11	11.10	11.10		4 / 3			
reaction time	0.146	interval		1.14	1.04	1.01	0.96	0.96	0.99	0.97	1.02	0.99		# of strides	4.20	2.93	2.98
velocity		4.95	8.77	9.62	9.90	10.42	10.42	10.10	10.31	9.80	10.10	9.01		52.0	7.14	10.24	10.07
van der Weken, Patrizia (LUX) (1996)	time	2.03	3.18	4.20	5.20	6.17	7.13	8.11	9.10	10.10	11.13	11.13		8 / 4			
reaction time	0.128	interval		1.15	1.02	1.00	0.97	0.96	0.98	0.99	1.00	1.03		# of strides	4.20	2.93	2.97
velocity		4.93	8.70	9.80	10.00	10.31	10.42	10.20	10.10	10.00	9.71	8.98		49.0	7.14	10.24	10.10
Lansiquot, Imani (GBR) (1997)	time	2.04	3.21	4.25	5.25	6.24	7.20	8.18	9.16	10.20	11.21	11.21		3 / 5			
reaction time	0.158	interval		1.17	1.04	1.00	0.99	0.96	0.98	0.98	1.04	1.01		# of strides	4.25	2.95	3.00
velocity		4.90	8.55	9.62	10.00	10.10	10.42	10.20	10.20	9.62	9.90	8.92		47.5	7.06	10.17	10.00
Torres, Gladymar (PUR) (2003)	time	2.00	3.16	4.21	5.22	6.22	7.21	8.21	9.22	10.27	11.33	11.33		9 / 6			
reaction time	0.138	interval		1.16	1.05	1.01	1.00	0.99	1.00	1.01	1.05	1.06		# of strides	4.21	3.00	3.06
velocity		5.00	8.62	9.52	9.90	10.00	10.10	10.00	9.90	9.52	9.43	8.83		54.2	7.13	10.00	9.80
Masters, Bree (AUS) (1995)	time	2.06	3.25	4.29	5.31	6.30	7.27	8.26	9.26	10.31	11.34	11.34		2 / 7			
reaction time	0.164	interval		1.19	1.04	1.02	0.99	0.97	0.99	1.00	1.05	1.03		# of strides	4.29	2.98	3.04
velocity		4.85	8.40	9.62	9.80	10.10	10.31	10.10	10.00	9.52	9.71	8.82		49.0	6.99	10.07	9.87
Chukwuma, Rosemary (NGR) (2016)	time	2.05	3.21	4.26	5.28	6.27	7.28	8.27	9.28	10.34	11.39	11.39		1 / 8			
reaction time	0.190	interval		1.16	1.05	1.02	0.99	1.01	0.99	1.01	1.06	1.05		# of strides	4.26	3.02	3.06
velocity		4.88	8.62	9.52	9.80	10.10	9.90	10.10	9.90	9.43	9.52	8.78		52.0	7.04	9.93	9.80
Fraser-Pryce, Shelly-Ann (JAM) (1986)													DNS	5 /			

Semi-Final 1

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
Jefferson, Melissa (USA) (2001)	time	1.98	3.11	4.13	5.12	6.06	7.02	8.00	8.98	9.97	10.99	10.99		4 / 1		
reaction time	0.143	interval		1.13	1.02	0.99	0.94	0.96	0.98	0.99	1.02		# of strides	4.13	2.89	2.95
velocity		5.05	8.85	9.80	10.10	10.64	10.42	10.20	10.20	10.10	9.80	9.10		50.7	7.26	10.38
Ta Lou-Smith, Marie-Josée (CIV) (1996)	time	1.99	3.12	4.14	5.12	6.10	7.05	8.01	8.99	9.98	11.01	11.01		7 / 2		
reaction time	0.161	interval		1.13	1.02	0.98	0.95	0.96	0.98	0.99	1.03		# of strides	4.14	2.91	2.93
velocity		5.03	8.85	9.80	10.20	10.20	10.53	10.42	10.20	10.10	9.71	9.08		50.0	7.25	10.31
Kambundji, Mujinga (SUI) (1992)	time	2.02	3.15	4.17	5.15	6.10	7.07	8.04	9.03	10.03	11.05	11.05		8 / 3		
reaction time	0.131	interval		1.13	1.02	0.98	0.95	0.97	0.99	1.00	1.02		# of strides	4.17	2.90	2.96
velocity		4.95	8.85	9.80	10.20	10.53	10.31	10.31	10.10	10.00	9.80	9.05		52.0	7.19	10.34
Swoboda, Ewa (POL) (1997)	time	1.96	3.10	4.12	5.11	6.08	7.05	8.04	9.03	10.04	11.08	11.08		6 / 4		
reaction time	0.147	interval		1.14	1.02	0.99	0.97	0.99	0.99	1.01	1.04		# of strides	4.12	2.93	2.99
velocity		5.10	8.77	9.80	10.10	10.31	10.31	10.10	10.10	9.90	9.62	9.03		49.5	7.28	10.24
Asher-Smith, Dina (GBR) (1995)	time	2.04	3.16	4.18	5.16	6.12	7.09	8.07	9.06	10.07	11.10	11.10		5 / 5		
reaction time	0.156	interval		1.12	1.02	0.98	0.96	0.97	0.98	0.99	1.01		# of strides	4.18	2.91	2.98
velocity		4.90	8.93	9.80	10.20	10.42	10.31	10.20	10.10	9.90	9.71	9.01		50.2	7.18	10.31
Forbes, Shashalee (JAM) (1996)	time	2.00	3.16	4.20	5.19	6.16	7.15	8.14	9.15	10.16	11.20	11.20		3 / 6		
reaction time	0.144	interval		1.16	1.04	0.99	0.97	0.99	1.01	1.01	1.04		# of strides	4.20	2.95	3.01
velocity		5.00	8.62	9.62	10.10	10.31	10.10	10.10	9.90	9.90	9.62	8.93		51.2	7.14	10.17
Takács, Boglárka (HUN) (2001)	time	2.08	3.23	4.27	5.28	6.25	7.23	8.22	9.20	10.22	11.26	11.26		9 / 7		
reaction time	0.145	interval		1.15	1.04	1.01	0.97	0.98	0.99	0.98	1.02		# of strides	4.27	2.96	2.99
velocity		4.81	8.70	9.62	9.90	10.31	10.20	10.10	10.20	9.80	9.62	8.88		50.0	7.03	10.14
Rosius, Rani (BEL) (2000)	time	2.08	3.22	4.26	5.24	6.23	7.21	8.20	9.21	10.24	11.29	11.29		2 / 8		
reaction time	0.169	interval		1.14	1.04	0.98	0.99	0.98	0.99	1.01	1.03		# of strides	4.26	2.95	3.03
velocity		4.81	8.77	9.62	10.20	10.10	10.20	10.10	9.90	9.71	9.52	8.86		50.7	7.04	10.17
Dosso, Zaynab (ITA) (1999)	time	2.05	3.20	4.24	5.25	6.24	7.22	8.24	9.25	10.29	11.34	11.34		1 / 9		
reaction time	0.169	interval		1.15	1.04	1.01	0.99	0.98	1.02	1.01	1.04		# of strides	4.24	2.98	3.07
velocity		4.88	8.70	9.62	9.90	10.10	10.20	9.80	9.90	9.62	9.52	8.82		48.5	7.08	10.07

Heat 8

date 02-Aug-24

wind 0.8 m/s

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ta Lou-Smith, Marie-Josée (CIV) (1996)	0.154	no information available										10.87	2 / 1		# of strides	49.0
Fraser-Pryce, Shelly-Ann (JAM) (1986)	0.151	no information available										10.92	7 / 2		# of strides	49.0

Lückenkemper, Gina (GER) (1996)	0.201	no information available
Rosius, Rani (BEL) (2000)	0.168	no information available
Torres, Gladymar (PUR) (2003)	0.148	no information available
Ngoye, Natacha (CGO) (1993)	0.162	no information available
Lloyd, Joella (ANT) (2002)	0.143	no information available
Tugade, Regine (GUM) (1998)	0.173	no information available
Meredova, Valentina (TKM) (1984)	0.156	no information available

PB
NR PB

11.08	4 / 3	# of strides	49.5
11.10	6 / 4	# of strides	50.5
11.12	8 / 5	# of strides	54.0
11.36	3 / 6	# of strides	50.0
11.37	5 / 7	# of strides	50.0
11.87	1 / 8	# of strides	52.5
11.95	9 / 9	# of strides	

Heat 7

date 02-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
Bass, Gina (GAM) (1995)	time		2.00	3.14	4.16	5.14	6.11	7.07	8.04	9.02	10.01	11.01	11.01	1 / 1			
	reaction time	0.148	interval	1.14	1.02	0.98	0.97	0.96	0.97	0.98	0.99	1.00		# of strides	4.16	2.91	2.94
	velocity		5.00	8.77	9.80	10.20	10.31	10.42	10.31	10.20	10.10	10.00	9.08	51.0	7.21	10.31	10.20
Kambundji, Mujinga (SUI) (1992)	time		2.04	3.17	4.18	5.15	6.11	7.07	8.04	9.02	10.03	11.05	11.05	4 / 2			
	reaction time	0.136	interval	1.13	1.01	0.97	0.96	0.96	0.97	0.98	1.01	1.02		# of strides	4.18	2.89	2.96
	velocity		4.90	8.85	9.90	10.31	10.42	10.42	10.31	10.20	9.90	9.80	9.05	51.5	7.18	10.38	10.14
Nkansa, Delphine (BEL) (2001)	time		2.04	3.18	4.23	5.23	6.22	7.19	8.18	9.17	10.17	11.20	11.20	6 / 3			
	reaction time	0.142	interval	1.14	1.05	1.00	0.99	0.97	0.99	0.99	1.00	1.03	=PB	# of strides	4.23	2.96	2.98
	velocity		4.90	8.77	9.52	10.00	10.10	10.31	10.10	10.10	10.00	9.71	8.93	50.7	7.09	10.14	10.07
Emmanouilidou, Polyniki (GRE) (2001)	time		2.08	3.19	4.23	5.22	6.20	7.18	8.17	9.18	10.20	11.25	11.25	5 / 4			
	reaction time	0.152	interval	1.11	1.04	0.99	0.98	0.98	0.99	1.01	1.02	1.05		# of strides	4.23	2.95	3.02
	velocity		4.81	9.01	9.62	10.10	10.20	10.20	10.10	9.90	9.80	9.52	8.89	53.2	7.09	10.17	9.93
Haase, Rebekka (GER) (1993)	time		2.07	3.21	4.25	5.24	6.20	7.19	8.17	9.18	10.21	11.28	11.28	7 / 5			
	reaction time	0.151	interval	1.14	1.04	0.99	0.96	0.99	0.98	1.01	1.03	1.07		# of strides	4.25	2.94	3.02
	velocity		4.83	8.77	9.62	10.10	10.42	10.10	10.20	9.90	9.71	9.35	8.87	50.0	7.06	10.20	9.93
Godbless, Tima (NGR) (2004)	time		2.00	3.13	4.17	5.18	6.17	7.16	8.18	9.19	10.24	11.33	11.33	3 / 6			
	reaction time	0.153	interval	1.13	1.04	1.01	0.99	0.99	1.02	1.01	1.05	1.09		# of strides	4.17	2.99	3.08
	velocity		5.00	8.85	9.62	9.90	10.10	10.10	9.80	9.90	9.52	9.17	8.83	50.0	7.19	10.03	9.74
Pereira, Veronica Shanti (SGP) (1991)	time		2.10	3.28	4.34	5.37	6.40	7.43	8.46	9.50	10.55	11.63	11.63	8 / 7			
	reaction time	0.162	interval	1.18	1.06	1.03	1.03	1.03	1.03	1.04	1.05	1.08		# of strides	4.34	3.09	3.12
	velocity		4.76	8.47	9.43	9.71	9.71	9.71	9.71	9.62	9.52	9.26	8.60	51.5	6.91	9.71	9.62
Hazzard, Halle (GRN) (1999)	time		2.13	3.31	4.37	5.42	6.45	7.46	8.48	9.55	10.61	11.70	11.70	2 / 8			
	reaction time	0.167	interval	1.18	1.06	1.05	1.03	1.01	1.02	1.07	1.06	1.09		# of strides	4.37	3.09	3.15
	velocity		4.69	8.47	9.43	9.52	9.71	9.90	9.80	9.35	9.43	9.17	8.55	53.0	6.86	9.71	9.52
Hiebert, Xenia (PAR) (1998)	time		2.11	3.29	4.37	5.40	6.44	7.47	8.52	9.59	10.70	11.82	11.82	9 / 9			
	reaction time	0.145	interval	1.18	1.08	1.03	1.04	1.03	1.05	1.07	1.11	1.12		# of strides	4.37	3.10	3.23
	velocity		4.74	8.47	9.26	9.71	9.62	9.71	9.52	9.35	9.01	8.93	8.46	52.0	6.86	9.68	9.29

Heat 6

date 02-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
Terry, Twanisha (USA) (1999)	time		2.04	3.18	4.20	5.19	6.15	7.13	8.10	9.09	10.10	11.15	11.15	5 / 1			
	reaction time	0.157	interval	1.14	1.02	0.99	0.96	0.98	0.97	0.99	1.01	1.05		# of strides	4.20	2.93	2.97
	velocity		4.90	8.77	9.80	10.10	10.42	10.20	10.31	10.10	9.90	9.52	8.97	51.0	7.14	10.24	10.10
Forbes, Shashalee (JAM) (1996)	time		2.02	3.17	4.20	5.19	6.17	7.14	8.13	9.13	10.15	11.19	11.19	3 / 2			
	reaction time	0.140	interval	1.15	1.03	0.99	0.98	0.97	0.99	1.00	1.02	1.04		# of strides	4.20	2.94	3.01
	velocity		4.95	8.70	9.71	10.10	10.20	10.31	10.10	10.00	9.80	9.62	8.94	51.0	7.14	10.20	9.97
Bertrand, Leah (TTO) (2002)	time		2.06	3.23	4.27	5.29	6.27	7.26	8.25	9.25	10.25	11.27	11.27	4 / 3			
	reaction time	0.143	interval	1.17	1.04	1.02	0.98	0.99	0.99	1.00	1.00	1.02		# of strides	4.27	2.99	2.99
	velocity		4.85	8.55	9.62	9.80	10.20	10.10	10.10	10.00	10.00	9.80	8.87	51.5	7.03	10.03	10.03
Kora, Salomé (SUI) (1994)	time		2.04	3.20	4.23	5.24	6.23	7.23	8.23	9.25	10.29	11.35	11.35	1 / 4			
	reaction time	0.144	interval	1.16	1.03	1.01	0.99	1.00	1.00	1.02	1.04	1.06		# of strides	4.23	3.00	3.06
	velocity		4.90	8.62	9.71	9.90	10.10	10.00	10.00	9.80	9.62	9.43	8.81	51.2	7.09	10.00	9.80
Tamayo, Cecilia (MEX) (1997)	time		2.07	3.22	4.27	5.28	6.28	7.28	8.29	9.28	10.32	11.39	11.39	6 / 5			
	reaction time	0.142	interval	1.15	1.05	1.01	1.00	1.00	1.01	0.99	1.04	1.07		# of strides	4.27	3.01	3.04
	velocity		4.83	8.70	9.52	9.90	10.00	10.00	9.90	10.10	9.62	9.35	8.78	50.0	7.03	9.97	9.87
Forster, Viktória (SVK) (2002)	time		2.03	3.19	4.25	5.26	6.26	7.28	8.29	9.32	10.36	11.44	11.44	8 / 6			
	reaction time	0.145	interval	1.16	1.06	1.01	1.00	1.02	1.01	1.03	1.04	1.08		# of strides	4.25	3.03	3.08
	velocity		4.93	8.62	9.43	9.90	10.00	9.80	9.90	9.71	9.62	9.26	8.74	52.0	7.06	9.90	9.74
Kemppinen, Lotta (FIN) (1998)	time		2.05	3.21	4.26	5.28	6.28	7.30	8.34	9.38	10.45	11.56	11.56	7 / 7			
	reaction time	0.166	interval	1.16	1.05	1.02	1.00	1.02	1.04	1.04	1.07	1.11		# of strides	4.26	3.04	3.15
	velocity		4.88	8.62	9.52	9.80	10.00	9.80	9.62	9.62	9.35	9.01	8.65	51.5	7.04	9.87	9.52

Allers-Liburd, Zahria (SKN) (2002)	time	2.14	3.36	4.45	5.51	6.57	7.61	8.66	9.72	10.79	11.89	11.89	2 / 8			
	reaction time	0.193		1.22	1.09	1.06	1.06	1.04	1.05	1.06	1.07	1.10	# of strides	4.45	3.16	3.18
	velocity	4.67	8.20	9.17	9.43	9.43	9.62	9.52	9.43	9.35	9.09	8.41	50.2	6.74	9.49	9.43
Carmona, Maria (NCA) (1999)	time	2.16	3.39	4.49	5.55	6.60	7.65	8.72	9.79	10.88	12.00	12.00	9 / 9			
	reaction time	0.174		1.23	1.10	1.06	1.05	1.05	1.07	1.07	1.09	1.12	# of strides	4.49	3.16	3.23
	velocity	4.63	8.13	9.09	9.43	9.52	9.52	9.35	9.35	9.17	8.93	8.33	51.0	6.68	9.49	9.29

Heat 5

date 02-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
Swoboda, Ewa (POL) (1997)	time	1.96	3.10	4.13	5.11	6.08	7.04	8.01	8.99	9.98	10.99	10.99	3 / 1			
	reaction time	0.149		1.14	1.03	0.98	0.97	0.96	0.97	0.98	1.01		# of strides	4.13	2.91	2.94
	velocity	5.10	8.77	9.71	10.20	10.31	10.42	10.31	10.20	10.10	9.90	9.10	49.0	7.26	10.31	10.20
Asher-Smith, Dina (GBR) (1995)	time	2.00	3.13	4.16	5.13	6.09	7.05	8.02	9.00	9.99	11.01	11.01	2 / 2			
	reaction time	0.151		1.13	1.03	0.97	0.96	0.96	0.97	0.98	1.02		# of strides	4.16	2.89	2.94
	velocity	5.00	8.85	9.71	10.31	10.42	10.42	10.31	10.20	10.10	9.80	9.08	50.0	7.21	10.38	10.20
Chukwuma, Rosemary (NGR) (2019)	time	2.04	3.19	4.24	5.23	6.22	7.19	8.18	9.18	10.19	11.26	11.26	5 / 3			
	reaction time	0.161		1.15	1.05	0.99	0.99	0.97	0.99	1.00	1.07		# of strides	4.24	2.95	3.00
	velocity	4.90	8.70	9.52	10.10	10.10	10.31	10.10	10.00	9.90	9.35	8.88	51.0	7.08	10.17	10.00
Azevedo, Ana Carolina (BRA) (1997)	time	2.05	3.22	4.26	5.27	6.27	7.25	8.25	9.25	10.28	11.32	11.32	6 / 4			
	reaction time	0.137		1.17	1.04	1.01	1.00	0.98	1.00	1.00	1.03	1.04	# of strides	4.26	2.99	3.03
	velocity	4.88	8.55	9.62	9.90	10.00	10.20	10.00	10.00	9.71	9.62	8.83	51.0	7.04	10.03	9.90
Frey, Géraldine (SUI) (1997)	time	2.05	3.20	4.24	5.26	6.24	7.23	8.24	9.25	10.28	11.34	11.34	7 / 5			
	reaction time	0.144		1.15	1.04	1.02	0.98	0.99	1.01	1.01	1.03	1.06	# of strides	4.24	2.99	3.05
	velocity	4.88	8.70	9.62	9.80	10.20	10.10	9.90	9.90	9.71	9.43	8.82	50.7	7.08	10.03	9.84
Tenorio, Angela (ECU) (1996)	time	2.12	3.27	4.33	5.33	6.32	7.30	8.29	9.29	10.30	11.35	11.35	4 / 6			
	reaction time	0.202		1.15	1.06	1.00	0.99	0.98	0.99	1.00	1.01	1.05	# of strides	4.33	2.97	3.00
	velocity	4.72	8.70	9.43	10.00	10.10	10.20	10.10	10.00	9.90	9.52	8.81	48.0	6.93	10.10	10.00
Fasihi, Farzaneh (IRI) (1993)	time	2.02	3.17	4.23	5.27	6.24	7.25	8.27	9.33	10.51	11.51	11.51	8 / 7			
	reaction time	0.142		1.15	1.06	1.04	0.97	1.01	1.02	1.06	1.18	1.00	# of strides	4.23	3.02	3.26
	velocity	4.95	8.70	9.43	9.62	10.31	9.90	9.80	9.43	8.47	10.00	8.69	51.2	7.09	9.93	9.20
Beu, Leonie (PNG) (1998)	time	2.20	3.39	4.44	5.46	6.48	7.48	8.51	9.56	10.62	11.73	11.73	1 / 8			
	reaction time	0.252		1.19	1.05	1.02	1.00	1.03	1.05	1.06	1.11		# of strides	4.44	3.04	3.14
	velocity	4.55	8.40	9.52	9.80	9.80	10.00	9.71	9.52	9.43	9.01	8.53	47.2	6.76	9.87	9.55
Chacón, Mariandre (GUA) (2004)	time	2.21	3.44	4.54	5.61	6.65	7.70	8.76	9.84	10.93	12.06	12.06	9 / 9			
	reaction time	0.171		1.23	1.10	1.07	1.04	1.05	1.06	1.08	1.09	1.13	# of strides	4.54	3.16	3.23
	velocity	4.52	8.13	9.09	9.35	9.62	9.52	9.43	9.26	9.17	8.85	8.29	49.5	6.61	9.49	9.29

Heat 4

date 02-Aug-24

wind 1.2 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
Leduc, Audrey (CAN) (1999)	time			2.04	3.17	4.19	5.17	6.13	7.08	8.04	9.00	9.97	10.95	10.95	4 / 1			
	reaction time	0.172	interval		1.13	1.02	0.98	0.96	0.95	0.96	0.96	0.97	0.98	NR PB	# of strides	4.19	2.89	2.89
			velocity	4.90	8.85	9.80	10.20	10.42	10.53	10.42	10.42	10.31	10.20	9.13	49.0	7.16	10.38	10.38
Clayton, Tia (JAM) (2004)	time			1.99	3.13	4.17	5.16	6.13	7.09	8.05	9.02	10.01	11.00	11.00	8 / 2			
	reaction time	0.153	interval		1.14	1.04	0.99	0.97	0.96	0.96	0.97	0.99	0.99		# of strides	4.17	2.92	2.92
			velocity	5.03	8.77	9.62	10.10	10.31	10.42	10.42	10.31	10.10	10.10	9.09	50.0	7.19	10.27	10.27
Lansiquot, Imani (GBR) (1997)	time			2.08	3.22	4.25	5.24	6.22	7.18	8.14	9.12	10.10	11.10	11.10	1 / 3			
	reaction time	0.164	interval		1.14	1.03	0.99	0.98	0.96	0.96	0.98	0.98	1.00		# of strides	4.25	2.93	2.92
			velocity	4.81	8.77	9.71	10.10	10.20	10.42	10.42	10.20	10.20	10.00	9.01	47.0	7.06	10.24	10.27
Koné, Maboundou (CIV) (1997)	time			2.04	3.21	4.25	5.24	6.21	7.18	8.16	9.14	10.15	11.17	11.17	6 / 4			
	reaction time	0.175	interval		1.17	1.04	0.99	0.97	0.97	0.98	0.98	1.01	1.02	=PB	# of strides	4.25	2.93	2.97
			velocity	4.90	8.55	9.62	10.10	10.31	10.31	10.20	10.20	9.90	9.80	8.95	50.0	7.06	10.24	10.10
Henriksson, Julia (SWE) (2000)	time			2.06	3.23	4.28	5.28	6.25	7.24	8.23	9.22	10.23	11.26	11.26	5 / 5			
	reaction time	0.145	interval		1.17	1.05	1.00	0.97	0.99	0.99	0.99	1.01	1.03		# of strides	4.28	2.96	2.99
			velocity	4.85	8.55	9.52	10.00	10.31	10.10	10.10	10.10	9.90	9.71	8.88	49.7	7.01	10.14	10.03
Ge Manqi (CHN) (1997)	time			2.06	3.21	4.27	5.29	6.30	7.31	8.33	9.35	10.38	11.45	11.45	9 / 6			
	reaction time	0.162	interval		1.15	1.06	1.02	1.01	1.01	1.02	1.02	1.03	1.07		# of strides	4.27	3.04	3.07
			velocity	4.85	8.70	9.43	9.80	9.90	9.90	9.80	9.80	9.71	9.35	8.73	51.7	7.03	9.87	9.77
Gasparelli, Alessandra (SMR) (2019)	time			2.07	3.26	4.32	5.35	6.36	7.36	8.40	9.43	10.47	11.54	11.54	2 / 7			
	reaction time	0.140	interval		1.19	1.06	1.03	1.01	1.00	1.04	1.03	1.04	1.07	NR PB	# of strides	4.32	3.04	3.11
			velocity															

velocity	4.83	8.40	9.43	9.71	9.90	10.00	9.62	9.71	9.62	9.35	8.67	51.0	6.94	9.87	9.65
Rosa, Vitoria Cristina (BRA) (199) time	2.12	3.31	4.39	5.45	6.51	7.57	8.66	9.74	10.86	12.02	12.02	3 / 8			
reaction time 0.161 interval		1.19	1.08	1.06	1.06	1.06	1.09	1.08	1.12	1.16		# of strides	4.39	3.18	3.29
velocity	4.72	8.40	9.26	9.43	9.43	9.43	9.17	9.26	8.93	8.62	8.32	49.0	6.83	9.43	9.12
Acquaviva, Safiatou (GUI) (1999) time	2.16	3.37	4.50	5.55	6.59	7.65	8.72	9.81	10.92	12.07	12.07	7 / 9			
reaction time 0.180 interval		1.21	1.13	1.05	1.04	1.06	1.07	1.09	1.11	1.15		# of strides	4.50	3.15	3.27
velocity	4.63	8.26	8.85	9.52	9.62	9.43	9.35	9.17	9.01	8.70	8.29	49.0	6.67	9.52	9.17

Heat 3

Heat 3

	date	02-Aug-24	wind 1.5 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	
Neita, Daryll (GBR) (1996)	time		2.01	3.15	4.16	5.13	6.09	7.03	7.98	8.95	9.93	10.92	10.92	3 / 1				
	reaction time	0.133		1.14	1.01	0.97	0.96	0.94	0.95	0.97	0.98	0.99		# of strides	4.16	2.87	2.90	
	velocity		4.98	8.77	9.90	10.31	10.42	10.64	10.53	10.31	10.20	10.10	9.16	46.2	7.21	10.45	10.34	
Jefferson, Melissa (USA) (2001)	time		2.02	3.15	4.18	5.16	6.12	7.07	8.03	8.99	9.97	10.96	10.96	9 / 2				
	reaction time	0.152		1.13	1.03	0.98	0.96	0.95	0.96	0.96	0.98	0.99		# of strides	4.18	2.89	2.90	
	velocity		4.95	8.85	9.71	10.20	10.42	10.53	10.42	10.42	10.20	10.10	9.12	50.0	7.18	10.38	10.34	
Takács, Boglárka (HUN) (2001)	time		2.08	3.22	4.25	5.23	6.20	7.16	8.12	9.10	10.10	11.10	11.10	4 / 3				
	reaction time	0.133		1.14	1.03	0.98	0.97	0.96	0.96	0.98	1.00	1.00	NR PB	# of strides	4.25	2.91	2.94	
	velocity		4.81	8.77	9.71	10.20	10.31	10.42	10.42	10.20	10.00	10.00	9.01	49.0	7.06	10.31	10.20	
Maňasová, Karolína (CZE) (2003)	time		1.97	3.11	4.13	5.12	6.09	7.07	8.06	9.05	10.07	11.11	11.11	5 / 4				
	reaction time	0.163		1.14	1.02	0.99	0.97	0.98	0.99	0.99	1.02	1.04	PB	# of strides	4.13	2.94	3.00	
	velocity		5.08	8.77	9.80	10.10	10.31	10.20	10.10	10.10	9.80	9.62	9.00	52.7	7.26	10.20	10.00	
Joseph, Gemima (FRA) (2001)	time		2.00	3.16	4.20	5.20	6.18	7.14	8.12	9.11	10.12	11.13	11.13	1 / 5				
	reaction time	0.126		1.16	1.04	1.00	0.98	0.96	0.98	0.99	1.01	1.01		# of strides	4.20	2.94	2.98	
	velocity		5.00	8.62	9.62	10.00	10.20	10.42	10.20	10.10	9.90	9.90	8.98	50.2	7.14	10.20	10.07	
Connolly, Ella (AUS) (2000)	time		2.06	3.18	4.23	5.23	6.19	7.19	8.17	9.18	10.23	11.29	11.29	6 / 6				
	reaction time	0.140		1.12	1.05	1.00	0.96	1.00	0.98	1.01	1.05	1.06		# of strides	4.23	2.96	3.04	
	velocity		4.85	8.93	9.52	10.00	10.42	10.00	10.20	9.90	9.52	9.43	8.86	48.0	7.09	10.14	9.87	
Stefanowicz, Magdalena (POL) (2002)	time		2.04	3.20	4.26	5.29	6.30	7.29	8.31	9.34	10.39	11.47	11.47	8 / 7				
	reaction time	0.136		1.16	1.06	1.03	1.01	0.99	1.02	1.03	1.05	1.08		# of strides	4.26	3.03	3.10	
	velocity		4.90	8.62	9.43	9.71	9.90	10.10	9.80	9.71	9.52	9.26	8.72	52.0	7.04	9.90	9.68	
Torrez, Guadalupe (BOL) (2001)	time		2.11	3.28	4.34	5.38	6.41	7.43	8.46	9.51	10.57	11.68	11.68	2 / 8				
	reaction time	0.177		1.17	1.06	1.04	1.03	1.02	1.03	1.05	1.06	1.11		# of strides	4.34	3.09	3.14	
	velocity		4.74	8.55	9.43	9.62	9.71	9.80	9.71	9.52	9.43	9.01	8.56	54.0	6.91	9.71	9.55	
Zhang Bo-Ya (TPE) (2003)	time		2.10	3.29	4.36	5.43	6.46	7.50	8.55	9.62	10.72	11.88	11.88	7 / 9				
	reaction time	0.151		1.19	1.07	1.07	1.03	1.04	1.05	1.07	1.10	1.16		# of strides	4.36	3.14	3.22	
	velocity		4.76	8.40	9.35	9.35	9.71	9.62	9.52	9.35	9.09	8.62	8.42	51.5	6.88	9.55	9.32	

Heat 2

eat 2		date	02-Aug-24	wind -0.8 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	
Alfred, Julien (LCA) (2001)		time		2.02	3.13	4.14	5.12	6.06	7.02	7.98	8.93	9.92	10.95	10.95	9 / 1				
		reaction time	0.161			1.11	1.01	0.98	0.94	0.96	0.96	0.95	0.99	1.03		# of strides	4.14	2.88	2.90
		interval																	
				velocity	4.95	9.01	9.90	10.20	10.64	10.42	10.42	10.53	10.10	9.71	9.13	48.5	7.25	10.42	10.34
Hobbs, Zoe (NZL) (1997)		time		2.02	3.15	4.16	5.13	6.09	7.06	8.04	9.03	10.05	11.08	11.08	6 / 2				
		reaction time	0.168			1.13	1.01	0.97	0.96	0.97	0.98	0.99	1.02	1.03		# of strides	4.16	2.90	2.99
		interval																	
				velocity	4.95	8.85	9.90	10.31	10.42	10.31	10.20	10.10	9.80	9.71	9.03	50.7	7.21	10.34	10.03
Dosso, Zaynab (ITA) (1999)		time		2.04	3.19	4.22	5.22	6.21	7.21	8.21	9.22	10.25	11.30	11.30	2 / 3				
		reaction time	0.168			1.15	1.03	1.00	0.99	1.00	1.00	1.01	1.03	1.05		# of strides	4.22	2.99	3.04
		interval																	
				velocity	4.90	8.70	9.71	10.00	10.10	10.00	10.00	9.90	9.71	9.52	8.85	49.7	7.11	10.03	9.87
Ahye, Michelle-Lee (TTO) (1992)		time		2.10	3.27	4.30	5.32	6.29	7.28	8.27	9.28	10.30	11.33	11.33	4 / 4				
		reaction time	0.164			1.17	1.03	1.02	0.97	0.99	0.99	1.01	1.02	1.03		# of strides	4.30	2.98	3.02
		interval																	
				velocity	4.76	8.55	9.71	9.80	10.31	10.10	10.10	9.90	9.80	9.71	8.83	51.0	6.98	10.07	9.93
Garcia, Yunisleidy (CUB) (1999)		time		2.05	3.21	4.26	5.27	6.25	7.24	8.26	9.27	10.31	11.37	11.37	8 / 5				
		reaction time	0.162			1.16	1.05	1.01	0.98	0.99	1.02	1.01	1.04	1.06		# of strides	4.26	2.98	3.07
		interval																	
				velocity	4.88	8.62	9.52	9.90	10.20	10.10	9.80	9.90	9.62	9.43	8.80	50.5	7.04	10.07	9.77
Semedo, Gorete (STP) (1996)		time		2.12	3.28	4.33	5.35	6.32	7.32	8.33	9.35	10.39	11.43	11.43	1 / 6				
		reaction time	0.189			1.16	1.05	1.02	0.97	1.00	1.01	1.02	1.04	1.04		# of strides	4.33	2.99	3.07
		interval																	
				velocity	4.72	8.62	9.52	9.80	10.31	10.00	9.90	9.80	9.62	9.62	8.75	49.2	6.93	10.03	9.77
Fotopoulou, Olivia (CYP) (1996)		time		2.11	3.27	4.33	5.35	6.34	7.35	8.36	9.39	10.43	11.50	11.50	5 / 7				

reaction time	0.149	interval		1.16	1.06	1.02	0.99	1.01	1.01	1.03	1.04	1.07		# of strides	4.33	3.02	3.08
velocity			4.74	8.62	9.43	9.80	10.10	9.90	9.90	9.71	9.62	9.35	8.70	51.5	6.93	9.93	9.74
Smith-Barnett, Destiny (LBR) (1995)	time		2.00	3.20	4.30	5.36	6.40	7.49	8.57	9.67	10.80	11.99	11.99	7 / 8			
reaction time	0.139	interval		1.20	1.10	1.06	1.04	1.09	1.08	1.10	1.13	1.19		# of strides	4.30	3.19	3.31
velocity			5.00	8.33	9.09	9.43	9.62	9.17	9.26	9.09	8.85	8.40	8.34	53.0	6.98	9.40	9.06
Sesay, Georgiana (SLE) (2004)	time		2.12	3.33	4.45	5.53	6.60	7.69	8.79	9.89	11.00	12.15	12.15	3 / 9			
reaction time	0.174	interval		1.21	1.12	1.08	1.07	1.09	1.10	1.10	1.11	1.15		# of strides	4.45	3.24	3.31
velocity			4.72	8.26	8.93	9.26	9.35	9.17	9.09	9.09	9.01	8.70	8.23	50.2	6.74	9.26	9.06

Heat 1

Heat 1	date		02-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		
Richardson, Sha'Carri (USA) (2006)	time		2.05	3.19	4.21	5.18	6.13	7.06	8.01	8.97	9.94	10.94	10.94	6 / 1					
	reaction time	0.200		interval		1.14	1.02	0.97	0.95	0.93	0.95	0.96	0.97	1.00	# of strides	4.21	2.85	2.88	
	velocity		4.88	8.77	9.80	10.31	10.53	10.75	10.53	10.42	10.31	10.00	9.14	52.0	7.13	10.53	10.42		
van der Weken, Patrizia (LUX) (1996)	time		2.03	3.18	4.22	5.21	6.17	7.13	8.10	9.09	10.10	11.14	11.14	8 / 2					
	reaction time	0.141		interval		1.15	1.04	0.99	0.96	0.96	0.97	0.99	1.01	1.04	# of strides	4.22	2.91	2.97	
	velocity		4.93	8.70	9.62	10.10	10.42	10.42	10.31	10.10	9.90	9.62	8.98	48.7	7.11	10.31	10.10		
Masters, Bree (AUS) (1995)	time		2.05	3.21	4.27	5.27	6.23	7.20	8.19	9.19	10.20	11.26	11.26	7 / 3					
	reaction time	0.170		interval		1.16	1.06	1.00	0.96	0.97	0.99	1.00	1.01	1.06	# of strides	4.27	2.93	3.00	
	velocity		4.88	8.62	9.43	10.00	10.42	10.31	10.10	10.00	9.90	9.43	8.88	48.5	7.03	10.24	10.00		
Madogo, Jacqueline (CAN) (2000)	time		2.08	3.21	4.25	5.25	6.22	7.19	8.17	9.17	10.19	11.27	11.27	5 / 4					
	reaction time	0.161		interval		1.13	1.04	1.00	0.97	0.97	0.98	1.00	1.02	1.08	# of strides	4.25	2.94	3.00	
	velocity		4.81	8.85	9.62	10.00	10.31	10.31	10.20	10.00	9.80	9.26	8.87	48.0	7.06	10.20	10.00		
Bazolo, Lorène Dorcas (POR) (1996)	time		2.07	3.23	4.25	5.27	6.25	7.23	8.25	9.27	10.30	11.38	11.38	3 / 5					
	reaction time	0.151		interval		1.16	1.02	1.02	0.98	0.98	1.02	1.02	1.03	1.08	# of strides	4.25	2.98	3.07	
	velocity		4.83	8.62	9.80	9.80	10.20	10.20	9.80	9.80	9.71	9.26	8.79	51.0	7.06	10.07	9.77		
Evelyn, Tristan (BAR) (1998)	time		2.06	3.19	4.24	5.25	6.24	7.23	8.25	9.31	10.40	11.55	11.55	9 / 6					
	reaction time	0.134		interval		1.13	1.05	1.01	0.99	0.99	1.02	1.06	1.09	1.15	# of strides	4.24	2.99	3.17	
	velocity		4.85	8.85	9.52	9.90	10.10	10.10	9.80	9.43	9.17	8.70	8.66	51.0	7.08	10.03	9.46		
Tran, Thi Nhi Yan (VIE) (2005)	time		2.10	3.26	4.33	5.37	6.38	7.41	8.46	9.54	10.64	11.79	11.79	4 / 7					
	reaction time	0.160		interval		1.16	1.07	1.04	1.01	1.03	1.05	1.08	1.10	1.15	# of strides	4.33	3.08	3.23	
	velocity		4.76	8.62	9.35	9.62	9.90	9.71	9.52	9.26	9.09	8.70	8.48	48.5	6.93	9.74	9.29		
Simwaka, Asimenye (MAW) (1997)	time		2.11	3.31	4.41	5.46	6.49	7.53	8.59	9.67	10.76	11.91	11.91	1 / 8					
	reaction time	0.152		interval		1.20	1.10	1.05	1.03	1.04	1.06	1.08	1.09	1.15	# of strides	4.41	3.12	3.23	
	velocity		4.74	8.33	9.09	9.52	9.71	9.62	9.43	9.26	9.17	8.70	8.40	52.5	6.80	9.62	9.29		
Davies, Thelma (LBR) (2000)	time		2.05	3.24	4.30	5.32	6.32	7.32	8.39	9.52	10.71	12.05	12.05	2 / 9					
	reaction time	0.158		interval		1.19	1.06	1.02	1.00	1.00	1.07	1.13	1.19	1.34	# of strides	4.30	3.02	3.39	
	velocity		4.88	8.40	9.43	9.80	10.00	10.00	9.35	8.85	8.40	7.46	8.30	51.0	6.98	9.93	8.85		

Prelim 4

Prelim 4

	date 02-Aug-24	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
Allers-Liburd, Zahria (SKN) (2002)	0.164	no information available											11.73	9 / 1	# of strides	50.0	
Simwaka, Asimenye (MAW) (1997)	0.146	no information available											11.78	8 / 2	# of strides	53.7	
Chacón, Mariandre (GUA) (2004)	0.173	no information available											11.90	6 / 3	# of strides	49.7	
Sesay, Georgiana (SLE) (2004)	0.158	no information available											11.99	1 / 4	# of strides	50.2	
Akakpo, Naomi (TOG) (2000)	0.191	no information available										PB	12.34	5 / 5	# of strides	52.2	
Gastaud, Marie-Charlotte (MON)	0.179	no information available										PB	12.41	7 / 6	# of strides	53.0	
Ada Eto, Sefora (GEQ) (2003)	0.191	no information available										PB	13.63	2 / 7	# of strides		
Manatoa, Temalini (TUV) (2004)	0.193	no information available										PB	14.04	4 / 8	# of strides		
Firisua, Sharon (SOL) (1993)	0.248	no information available										PB	14.31	3 / 9	# of strides		

Prelim 3

Prelim 3		date	02-Aug-24	wind	1.1 m/s										Paris 2024 Olympic Games - Results Book (2024)					
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Semedo, Gorete (STP) (1996)	time			2.14	3.30	4.37	5.37	6.34	7.32	8.33	9.34	10.39	11.44	11.44	9 / 1					
	reaction time	0.190	interval		1.16	1.07	1.00	0.97	0.98	1.01	1.01	1.05	1.05		# of strides	4.37	2.95	3.07		
			velocity		4.67	8.62	9.35	10.00	10.31	10.20	9.90	9.90	9.52	9.52	8.74	49.2	6.86	10.17	9.77	
Torrez, Guadalupe (BOL) (2001)	time			2.10	3.27	4.33	5.35	6.36	7.37	8.40	9.43	10.50	11.60	11.60	6 / 2					
	reaction time	0.171	interval		1.17	1.06	1.02	1.01	1.01	1.03	1.03	1.07	1.10		# of strides	4.33	3.04	3.13		
			velocity		4.76	8.55	9.43	9.80	9.90	9.90	9.71	9.71	9.35	9.09	8.62	104.0	6.93	9.87	9.58	
Beu, Leonie (PNG) (1998)	time			2.13	3.30	4.36	5.39	6.30	7.41	8.44	9.48	10.54	11.63	11.63	2 / 3					
	reaction time	0.182	interval		1.17	1.06	1.03	0.91	1.11	1.03	1.04	1.06	1.09	PB	# of strides	4.36	3.05	3.13		
			velocity		4.69	8.55	9.43	9.71	10.99	9.01	9.71	9.62	9.43	9.17	8.60	46.7	6.88	9.84	9.58	

Carmona, Maria (NCA) (1999)	time	2.12	3.32	4.42	5.47	6.50	7.54	8.59	9.66	10.75	11.88	11.88	1 / 4			
	reaction time	0.166	interval	1.20	1.10	1.05	1.03	1.04	1.05	1.07	1.09	1.13	# of strides	4.42	3.12	3.21
	velocity	4.72	8.33	9.09	9.52	9.71	9.62	9.52	9.35	9.17	8.85	8.42	51.0	6.79	9.62	9.35
Acquaviva, Safiatou (GUI) (1999)	time	2.16	3.34	4.44	5.49	6.52	7.57	8.63	9.72	10.84	11.97	11.97	7 / 5			
	reaction time	0.193	interval	1.18	1.10	1.05	1.03	1.05	1.06	1.09	1.12	1.13	# of strides	4.44	3.13	3.27
	velocity	4.63	8.47	9.09	9.52	9.71	9.52	9.43	9.17	8.93	8.85	8.35	49.7	6.76	9.58	9.17
David, Chloe (VAN) (2005)	time	2.16	3.42	4.55	5.64	6.72	7.82	8.93	10.07	11.25	12.44	12.44	5 / 6			
	reaction time	0.153	interval	1.26	1.13	1.09	1.08	1.10	1.11	1.14	1.18	1.19	# of strides	4.55	3.27	3.43
	velocity	4.63	7.94	8.85	9.17	9.26	9.09	9.01	8.77	8.47	8.40	8.04	50.0	6.59	9.17	8.75
Ashraf, Shahd (QAT) (2003)	time	2.20	3.47	4.63	5.72	6.85	7.93	9.07	10.19	11.34	12.53	12.53	3 / 7			
	reaction time	0.177	interval	1.27	1.16	1.09	1.13	1.08	1.14	1.12	1.15	1.19	# of strides	4.63	3.30	3.41
	velocity	4.55	7.87	8.62	9.17	8.85	9.26	8.77	8.93	8.70	8.40	7.98	52.5	6.48	9.09	8.80
Alyoussef, Alissar (SYR) (2005)	time	2.25	3.50	4.67	5.79	6.94	8.08	9.26	10.45	11.68	12.93	12.93	4 / 8			
	reaction time	0.186	interval	1.25	1.17	1.12	1.15	1.14	1.18	1.19	1.23	1.25	# of strides	4.67	3.41	3.60
	velocity	4.44	8.00	8.55	8.93	8.70	8.77	8.47	8.40	8.13	8.00	7.73	53.0	6.42	8.80	8.33
Yousofi, Kimia (AFG) (1996)	time	2.26	3.56	4.78	5.93	7.15	8.35	9.58	10.83	12.11	13.42	13.42	8 / 9			
	reaction time	0.160	interval	1.30	1.22	1.15	1.22	1.20	1.23	1.25	1.28	1.31	# of strides	4.78	3.57	3.76
	velocity	4.42	7.69	8.20	8.70	8.20	8.33	8.13	8.00	7.81	7.63	7.45	62.8	8.40	7.98	

Prelim 2

date 02-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	
Tran, Thi Nhi Yan (VIE) (2005)	time	2.09	3.25	4.32	5.37	6.39	7.43	8.50	9.57	10.68	11.81	11.81	7 / 1				
	reaction time	0.165	interval	1.16	1.07	1.05	1.02	1.04	1.07	1.11	1.13		# of strides	4.32	3.11	3.25	
	velocity	4.78	8.62	9.35	9.52	9.80	9.62	9.35	9.35	9.01	8.85	8.47	48.0	6.94	9.65	9.23	
Hazzard, Halle (GRN) (1999)	time	2.13	3.32	4.40	5.45	6.49	7.53	8.58	9.65	10.74	11.88	11.88	6 / 2				
	reaction time	0.184	interval	1.19	1.08	1.05	1.04	1.04	1.05	1.07	1.09	1.14		# of strides	4.40	3.13	3.21
	velocity	4.69	8.40	9.26	9.52	9.62	9.62	9.52	9.35	9.17	8.77	8.42	54.0	6.82	9.58	9.35	
Zhang Bo-Ya (TPE) (2003)	time	2.08	3.26	4.35	5.42	6.47	7.54	8.62	9.72	10.84	11.99	11.99	4 / 3				
	reaction time	0.147	interval	1.18	1.09	1.07	1.05	1.07	1.08	1.10	1.12	1.15		# of strides	4.35	3.19	3.30
	velocity	4.81	8.47	9.17	9.35	9.52	9.35	9.26	9.09	8.93	8.70	8.34	53.0	6.90	9.40	9.09	
Tugade, Regine (GUM) (1998)	time	2.13	3.33	4.43	5.49	6.53	7.59	8.66	9.74	10.87	12.02	12.02	5 / 4				
	reaction time	0.182	interval	1.20	1.10	1.06	1.04	1.06	1.07	1.08	1.13	1.15		# of strides	4.43	3.16	3.28
	velocity	4.69	8.33	9.09	9.43	9.62	9.43	9.35	9.26	8.85	8.70	8.32	52.2	6.77	9.49	9.15	
Kharchilava, Lika (GEO) (2000)	time	2.21	3.42	4.54	5.61	6.69	7.80	8.90	10.03	11.20	12.37	12.37	2 / 5				
	reaction time	0.172	interval	1.21	1.12	1.07	1.08	1.11	1.10	1.13	1.17	1.17		# of strides	4.54	3.26	3.40
	velocity	4.52	8.26	8.93	9.35	9.26	9.01	9.09	8.85	8.55	8.55	8.08	56.7	6.61	9.20	8.82	
Riaz, Faiqa (PAK) (1999)	time	2.22	3.47	4.50	5.72	6.82	7.92	9.04	10.17	11.33	12.49	12.49	9 / 6				
	reaction time	0.206	interval	1.25	1.03	1.22	1.10	1.10	1.12	1.13	1.16	1.16		# of strides	4.50	3.42	3.41
	velocity	4.50	8.00	9.71	8.20	9.09	9.09	8.93	8.85	8.62	8.62	8.01	54.5	6.67	8.77	8.80	
Al-Alawi, Mazoon (OMA) (1997)	time	2.20	3.45	4.58	5.68	6.76	7.87	9.02	10.17	11.36	12.58	12.58	8 / 7				
	reaction time	0.210	interval	1.25	1.13	1.10	1.08	1.11	1.15	1.15	1.19	1.22		# of strides	4.58	3.29	3.49
	velocity	4.55	8.00	8.85	9.09	9.26	9.01	8.70	8.70	8.40	8.20	7.95	54.0	6.55	9.12	8.60	
Iakopo, Filomenaleonisa (ASA) (2019)	time	2.20	3.47	4.64	5.77	6.90	8.04	9.19	10.36	11.57	12.78	12.78	3 / 8				
	reaction time	0.171	interval	1.27	1.17	1.13	1.13	1.14	1.15	1.17	1.21	1.21		# of strides	4.64	3.40	3.53
	velocity	4.55	7.87	8.55	8.85	8.85	8.77	8.70	8.55	8.26	8.26	7.82	61.0	6.47	8.82	8.50	
Alfarsi, Mariam (UAE) (2008)	time	2.29	3.58	4.79	5.97	7.14	8.32	9.51	10.74	11.98	13.26	13.26	1 / 9				
	reaction time	0.149	interval	1.29	1.21	1.18	1.17	1.18	1.19	1.23	1.24	1.28		# of strides	4.79	3.53	3.66
	velocity	4.37	7.75	8.26	8.47	8.55	8.47	8.40	8.13	8.06	7.81	7.54	53.7	6.26	8.50	8.20	

Prelim 1

date 02-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
Ngoye, Natacha (CGO) (1993)	time	1.83	2.97	4.01	5.00	5.98	6.98	7.98	9.00	10.04	11.34	11.34	4 / 1			
	reaction time	0.174	interval	1.14	1.04	0.99	0.98	1.00	1.00	1.02	1.04	1.30	# of strides	4.01	2.97	3.06
	velocity	5.46	8.77	9.62	10.10	10.20	10.00	10.00	9.80	9.62	7.69	8.82	49.5	7.48	10.10	9.80
Gasparelli, Alessandra (SMR) (2019)	time	1.84	3.01	4.06	5.09	6.09	7.11	8.16	9.19	10.28	11.62	11.62	5 / 2			
	reaction time	0.144	interval	1.17	1.05	1.03	1.00	1.02	1.05	1.03	1.09	1.34	# of strides	4.06	3.05	3.17
	velocity	5.43	8.55	9.52	9.71	10.00	9.80	9.52	9.71	9.17	7.46	8.61	51.0	7.39	9.84	9.46
Hiebert, Xenia (PAR) (1998)	time	1.89	3.05	4.13	5.16	6.18	7.19	8.25	9.33	10.42	11.77	11.77	8 / 3			
	reaction time	0.161	interval	1.16	1.08	1.03	1.02	1.01	1.06	1.08	1.09	1.35	# of strides	4.13	3.06	3.23
	velocity	5.29	8.62	9.26	9.71	9.80	9.90	9.43	9.26	9.17	7.41	8.50	52.0	7.26	9.80	9.29

Meredova, Valentina (TKM) (1984)	time	1.86	3.04	4.11	5.15	6.20	7.24	8.34	9.42	10.57	12.01	12.01	3 / 4			
	reaction time	0.164		1.18	1.07	1.04	1.05	1.04	1.10	1.08	1.15	1.44	# of strides	4.11	3.13	3.33
	velocity		5.38	8.47	9.35	9.62	9.52	9.62	9.09	9.26	8.70	6.94	8.33	53.5	7.30	9.58
Awali, Samira (NIG) (2000)	time	1.92	3.15	4.21	5.26	6.32	7.44	8.47	9.56	10.66	12.06	12.06	9 / 5			
	reaction time	0.187		1.23	1.06	1.05	1.06	1.12	1.03	1.09	1.10	1.40	# of strides	4.21	3.23	3.22
	velocity		5.21	8.13	9.43	9.52	9.43	8.93	9.71	9.17	9.09	7.14	8.29	47.0	7.13	9.29
Pha Aphay, Silina (LAO) (2005)	time	1.96	3.19	4.30	5.39	6.48	7.57	8.72	9.86	11.02	12.45	12.45	2 / 6			
	reaction time	0.190		1.23	1.11	1.09	1.09	1.15	1.14	1.16	1.43		# of strides	4.30	3.27	3.45
	velocity		5.10	8.13	9.01	9.17	9.17	8.70	8.77	8.62	6.99	8.03	51.2	6.98	9.17	8.70
Francisco, Sydney (PLW) (2005)	time	2.08	3.36	4.53	5.69	6.84	8.00	9.19	10.40	11.64	13.15	13.15	6 / 7			
	reaction time	0.239		1.28	1.17	1.16	1.15	1.16	1.19	1.21	1.24	1.51	# of strides	4.53	3.47	3.64
	velocity		4.81	7.81	8.55	8.62	8.70	8.62	8.40	8.26	8.06	6.62	7.60	6.62	8.65	8.24
Ahamdy, Salam Bouha (MTN) (2001)	time	2.01	3.30	4.51	5.71	6.92	8.15	9.42	10.72	12.06	13.71	13.71	7 / 8			
	reaction time	0.178		1.29	1.21	1.20	1.21	1.23	1.27	1.30	1.34	1.65	# of strides	4.51	3.64	3.91
	velocity		4.98	7.75	8.26	8.33	8.26	8.13	7.87	7.69	7.46	6.06	7.29	6.65	8.24	7.67
Moris, Lucia (SSD) (2001)	time	1.86	3.02	4.08	5.14	6.26	7.42					dnf	1 / --			
	reaction time	0.165		1.16	1.06	1.06	1.12	1.16					# of strides	4.08	3.34	
	velocity		5.38	8.62	9.43	9.43	8.93	8.62					7.35	8.98		

2024 London Athletics Meet (London, GBR)**National FINAL**

date		20-Jul-24	wind 1.1 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	
1997)	time		2.03	3.19	4.24	5.23	6.19	7.15	8.12	9.10	10.10	11.12	11.12	4 / 1				
	interval	0.156		1.16	1.05	0.99	0.96	0.96	0.97	0.98	1.00	1.02		# of strides	4.24	2.91	2.95	
	velocity		4.93	8.62	9.52	10.10	10.42	10.42	10.31	10.20	10.00	9.80	8.99		7.08	10.31	10.17	
)	time		2.08	3.24	4.29	5.29	6.26	7.23	8.21	9.19	10.19	11.22	11.22	3 / 2				
	interval	0.139		1.16	1.05	1.00	0.97	0.97	0.98	0.98	1.00	1.03		# of strides	4.29	2.94	2.96	
	velocity		4.81	8.62	9.52	10.00	10.31	10.31	10.20	10.20	10.00	9.71	8.91		6.99	10.20	10.14	
93)	time		2.05	3.20	4.25	5.25	6.25	7.24	8.23	9.23	10.25	11.29	11.29	6 / 3				
	interval	0.166		1.15	1.05	1.00	1.00	0.99	0.99	1.00	1.02	1.04		# of strides	4.25	2.99	3.01	
	velocity		4.88	8.70	9.52	10.00	10.00	10.10	10.10	10.00	9.80	9.62	8.86		7.06	10.03	9.97	
a (GBI	time		2.06	3.22	4.28	5.29	6.27	7.26	8.25	9.26	10.28	11.33	11.33	5 / 4				
	interval	0.176		1.16	1.06	1.01	0.98	0.99	0.99	1.01	1.02	1.05		# of strides	4.28	2.98	3.02	
	velocity		4.85	8.62	9.43	9.90	10.20	10.10	10.10	9.90	9.80	9.52	8.83		7.01	10.07	9.93	
	time		2.05	3.21	4.25	5.26	6.25	7.24	8.24	9.26	10.29	11.35	11.35	2 / 5				
	interval	0.157		1.16	1.04	1.01	0.99	0.99	1.00	1.02	1.03	1.06	PB	# of strides	4.25	2.99	3.05	
	velocity		4.88	8.62	9.62	9.90	10.10	10.10	10.00	9.80	9.71	9.43	8.81		7.06	10.03	9.84	
1997)	time		2.07	3.24	4.29	5.30	6.30	7.29	8.30	9.32	10.35	11.42	11.42	7 / 6				
	interval	0.142		1.17	1.05	1.01	1.00	0.99	1.01	1.02	1.03	1.07		# of strides	4.29	3.00	3.06	
	velocity		4.83	8.55	9.52	9.90	10.00	10.10	9.90	9.80	9.71	9.35	8.76		6.99	10.00	9.80	
	time		2.03	3.19	4.26	5.28	6.29	7.30	8.31	9.34	10.39	11.46	11.46	1 / 7				
	interval	0.135		1.16	1.07	1.02	1.01	1.01	1.01	1.03	1.05	1.07		# of strides	4.26	3.04	3.09	
	velocity		4.93	8.62	9.35	9.80	9.90	9.90	9.90	9.71	9.52	9.35	8.73		7.04	9.87	9.71	
4)	time		2.10	3.33	4.41	5.44	6.45	7.45	8.44	9.44	10.45	11.48	11.48	8 / 8				
	interval	0.149		1.23	1.08	1.03	1.01	1.00	0.99	1.00	1.01	1.03		# of strides	4.41	3.04	3.00	
	velocity		4.76	8.13	9.26	9.71	9.90	10.00	10.10	10.00	9.90	9.71	8.71		6.80	9.87	10.00	

2024 Herculis Meeting International d'Athlétisme (Monaco, MON)**FINAL**

	date	12-Jul-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	
0.146	time		2.01	3.13	4.13	5.10	6.05	6.99	7.94	8.91	9.87	10.85	10.85	5 / 1				
	interval			1.12	1.00	0.97	0.95	0.94	0.95	0.97	0.96	0.98		# of strides	4.13	2.86	2.88	
	velocity		4.98	8.93	10.00	10.31	10.53	10.64	10.53	10.31	10.42	10.20	9.22	50.0	7.26	10.49	10.42	
0.155	time		2.00	3.13	4.15	5.14	6.11	7.07	8.03	9.00	9.99	10.99	10.99	7 / 2				
	interval			1.13	1.02	0.99	0.97	0.96	0.96	0.97	0.99	1.00		# of strides	4.15	2.92	2.92	
	velocity		5.00	8.85	9.80	10.10	10.31	10.42	10.42	10.31	10.10	10.00	9.10	47.0	7.23	10.27	10.27	
(1995) 0.141	time		2.03	3.15	4.16	5.13	6.10	7.06	8.02	9.01	10.00	10.99	10.99	3 / 3				
	interval			1.12	1.01	0.97	0.97	0.96	0.96	0.99	0.99	0.99		# of strides	4.16	2.90	2.94	
	velocity		4.93	8.93	9.90	10.31	10.31	10.42	10.42	10.10	10.10	10.10	9.10	50.0	7.21	10.34	10.20	

van der Weken, Patrizia (LUX) (19time	2.01	3.17	4.20	5.18	6.15	7.11	8.06	9.03	10.02	11.02	11.02	8 / 4				
	reaction time 0.107	interval	1.16	1.03	0.98	0.97	0.96	0.95	0.97	0.99	1.00	# of strides	4.20	2.91	2.91	
	velocity	4.98	8.62	9.71	10.20	10.31	10.42	10.53	10.31	10.10	10.00	9.07	48.0	7.14	10.31	10.31
Ta Lou-Smith, Marie-Josée (CIV)	time	2.03	3.17	4.18	5.17	6.13	7.09	8.07	9.05	10.06	11.08	11.08	4 / 5			
	reaction time 0.149	interval	1.14	1.01	0.99	0.96	0.96	0.98	0.98	1.01	1.02	# of strides	4.18	2.91	2.97	
	velocity	4.93	8.77	9.90	10.10	10.42	10.42	10.20	10.20	9.90	9.80	9.03	49.5	7.18	10.31	10.10
Hobbs, Zoe (NZL) (1997)	time	2.05	3.18	4.21	5.20	6.17	7.15	8.14	9.13	10.14	11.15	11.15	1 / 6			
	reaction time 0.154	interval	1.13	1.03	0.99	0.97	0.98	0.99	0.99	1.01	1.01	# of strides	4.21	2.94	2.99	
	velocity	4.88	8.85	9.71	10.10	10.31	10.20	10.10	10.10	9.90	9.90	8.97	51.2	7.13	10.20	10.03
Clark, Tamara (USA) (1999)	time	2.04	3.19	4.24	5.23	6.22	7.22	8.22	9.22	10.23	11.25	11.25	2 / 7			
	reaction time 0.135	interval	1.15	1.05	0.99	0.99	1.00	1.00	1.00	1.01	1.02	# of strides	4.24	2.98	3.01	
	velocity	4.90	8.70	9.52	10.10	10.10	10.00	10.00	10.00	9.90	9.80	8.89	51.7	7.08	10.07	9.97
Hobbs, Aleia (USA) (1996)	time	2.03	3.16	4.20	5.19	6.17	7.15	8.13	9.15	10.18	11.26	11.26	6 / 8			
	reaction time 0.141	interval	1.13	1.04	0.99	0.98	0.98	0.98	1.02	1.03	1.08	# of strides	4.20	2.95	3.03	
	velocity	4.93	8.85	9.62	10.10	10.20	10.20	10.20	9.80	9.71	9.26	8.88	50.7	7.14	10.17	9.90

2024 Meeting de Paris (Paris, FRA)

FINAL

NAME	date	07-Jul-24	wind	-2.0 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
van der Weken, Patrizia (LUX) (19time					1.97			5.12	6.08	7.05	8.03	9.00	9.99	11.06	11.06	8 / 1			
	reaction time	0.135	interval				3.15	0.96	0.97	0.98	0.97	0.99	1.07			# of strides			2.94
	velocity			5.08			9.52	10.42	10.31	10.20	10.31	10.10	9.35	9.04		49.0			10.20
Bass, Gina (GAM) (1995)	time				1.95	3.08	4.11	5.10	6.08	7.05	8.03	9.02	10.02	11.09	11.09	2 / 2			
	reaction time	0.141	interval			1.13	1.03	0.99	0.98	0.97	0.98	0.99	1.00	1.07		# of strides	4.11	2.94	2.97
	velocity			5.13	8.85	9.71	10.10	10.20	10.31	10.20	10.10	10.00	9.35	9.02		52.0	7.30	10.20	10.10
Swoboda, Ewa (POL) (1997)	time				1.92	3.06	4.09	5.08	6.06	7.04	8.03	9.03	10.05	11.16	11.16	5 / 3			
	reaction time	0.147	interval			1.14	1.03	0.99	0.98	0.98	0.99	1.00	1.02	1.11		# of strides	4.09	2.95	3.01
	velocity			5.21	8.77	9.71	10.10	10.20	10.20	10.10	10.00	9.80	9.01	8.96		50.0	7.33	10.17	9.97
Kambundji, Mujinga (SUI) (1992)	time				2.01	3.16	4.18	5.17	6.14	7.12	8.10	9.09	10.12	11.22	11.22	7 / 4			
	reaction time	0.155	interval			1.15	1.02	0.99	0.97	0.98	0.98	0.99	1.03	1.10		# of strides	4.18	2.94	3.00
	velocity			4.98	8.70	9.80	10.10	10.31	10.20	10.20	10.10	9.71	9.09	8.91		52.0	7.18	10.20	10.00
Clark, Tamara (USA) (1999)	time				2.00	3.18	4.22	5.23	6.23	7.22	8.22	9.22	10.23	11.32	11.32	4 / 5			
	reaction time	0.168	interval			1.18	1.04	1.01	1.00	0.99	1.00	1.00	1.01	1.09		# of strides	4.22	3.00	3.01
	velocity			5.00	8.47	9.62	9.90	10.00	10.10	10.00	10.00	9.90	9.17	8.83		51.2	7.11	10.00	9.97
Dosso, Zaynab (ITA) (1999)	time				1.95	3.09	4.13	5.14	6.14	7.15	8.16	9.19	10.23	11.36	11.36	6 / 6			
	reaction time	0.153	interval			1.14	1.04	1.01	1.00	1.01	1.01	1.03	1.04	1.13		# of strides	4.13	3.02	3.08
	velocity			5.13	8.77	9.62	9.90	10.00	9.90	9.90	9.71	9.62	8.85	8.80		48.7	7.26	9.93	9.74
Joseph, Gémima (FRA) (2001)	time				1.95	3.14	4.21	5.25	6.26	7.27	8.28	9.30	10.32	11.43	11.43	3 / 7			
	reaction time	0.123	interval			1.19	1.07	1.04	1.01	1.01	1.01	1.02	1.02	1.11		# of strides	4.21	3.06	3.05
	velocity			5.13	8.40	9.35	9.62	9.90	9.90	9.90	9.80	9.80	9.01	8.75		51.5	7.13	9.80	9.84
Galet, Chloé (FRA) (2001)	time				2.08	3.23	4.29	5.30	6.31	7.32	8.33	9.35	10.39	11.51	11.51	1 / 8			
	reaction time	0.165	interval			1.15	1.06	1.01	1.01	1.01	1.01	1.02	1.04	1.12		# of strides	4.29	3.03	3.07
	velocity			4.81	8.70	9.43	9.90	9.90	9.90	9.90	9.80	9.62	8.93	8.69		50.0	6.99	9.90	9.77

National FINAL

national FINAL		date	07-Jul-24	wind -2.3 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	
Oliere, Orlann (FRA) (1991)	time			2.03	3.16	4.19	5.20	6.20	7.20	8.23	9.26	10.31	11.39	11.39	4 / 1				
	reaction time	0.163	interval		1.13	1.03	1.01	1.00	1.00	1.03	1.03	1.05	1.08		# of strides	4.19	3.01	3.11	
			velocity	4.93	8.85	9.71	9.90	10.00	10.00	9.71	9.71	9.52	9.26	8.78		7.16	9.97	9.65	
Richard, Sarah (FRA) (1998)	time			2.08	3.24	4.29	5.31	6.31	7.32	8.32	9.34	10.37	11.43	11.43	6 / 2				
	reaction time	0.160	interval		1.16	1.05	1.02	1.00	1.01	1.00	1.02	1.03	1.06		# of strides	4.29	3.03	3.05	
			velocity	4.81	8.62	9.52	9.80	10.00	9.90	10.00	9.80	9.71	9.43	8.75		6.99	9.90	9.84	
Rimlinger, Marie-Ange (FRA) (20	time			2.04	3.21	4.27	5.28	6.29	7.30	8.32	9.35	10.40	11.48	11.48	7 / 3				
	reaction time	0.164	interval		1.17	1.06	1.01	1.01	1.01	1.02	1.03	1.05	1.08		# of strides	4.27	3.03	3.10	
			velocity	4.90	8.55	9.43	9.90	9.90	9.90	9.80	9.71	9.52	9.26	8.71		7.03	9.90	9.68	
Leconte, Mallory (FRA) (2000)	time			2.08	3.24	4.31	5.35	6.36	7.39	8.42	9.46	10.50	11.57	11.57	2 / 4				
	reaction time	0.163	interval		1.16	1.07	1.04	1.01	1.03	1.03	1.04	1.04	1.07		# of strides	4.31	3.08	3.11	
			velocity	4.81	8.62	9.35	9.62	9.90	9.71	9.71	9.62	9.62	9.35	8.64		6.96	9.74	9.65	
Paré, Maroussia (FRA) (1996)	time			2.07	3.25	4.33	5.37	6.40	7.42	8.45	9.48	10.53	11.59	11.59	5 / 5				
	reaction time	0.164	interval		1.18	1.08	1.04	1.03	1.02	1.03	1.03	1.05	1.06		# of strides	4.33	3.09	3.11	

velocity 4.83 8.47 9.26 9.62 9.71 9.80 9.71 9.71 9.52 9.43 8.63 6.93 9.71 9.65

Lederer, Amelie-Sophie (GER) (1! 0.201 no information available 11.99 3 / 6 # of strides

2024 FBK Games (Hengelo, NED)
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		
Barnes, Celera (USA) (1998)	time				1.96	3.09	4.13	5.13	6.12	7.12	8.12	9.13	10.15	11.19	11.19	5 / 1					
	reaction time	0.141	interval			1.13	1.04	1.00	0.99	1.00	1.00	1.01	1.02	1.04		# of strides	4.13	2.99	3.03		
	velocity				5.10	8.85	9.62	10.00	10.10	10.00	10.00	9.90	9.80	9.62	8.94	52.0	7.26	10.03	9.90		
Lückenkemper, Gina (GER) (1996)	time				2.04	3.20	4.25	5.25	6.25	7.24	8.22	9.22	10.22	11.25	11.25	4 / 2					
	reaction time	0.188	interval			1.16	1.05	1.00	1.00	0.99	0.98	1.00	1.00	1.03		# of strides	4.25	2.99	2.98		
	velocity				4.90	8.62	9.52	10.00	10.00	10.10	10.20	10.00	10.00	9.71	8.89	50.7	7.06	10.03	10.07		
van Hunenstijijn, Marije (NED) (1995)	time				2.05	3.24	4.31	5.32	6.33	7.32	8.32	9.33	10.34	11.39	11.39	3 / 3					
	reaction time	0.157	interval			1.19	1.07	1.01	1.01	0.99	1.00	1.01	1.01	1.05		# of strides	4.31	3.01	3.02		
	velocity				4.88	8.40	9.35	9.90	9.90	10.10	10.00	9.90	9.90	9.52	8.78	48.5	6.96	9.97	9.93		
Koné, Maboundou (CIV) (1997)	time				2.02	3.18	4.22	5.22	6.24	7.26	8.29	9.31	10.34	11.42	11.42	7 / 4					
	reaction time	0.175	interval			1.16	1.04	1.00	1.02	1.02	1.03	1.02	1.03	1.08		# of strides	4.22	3.04	3.08		
	velocity				4.95	8.62	9.62	10.00	9.80	9.80	9.71	9.80	9.71	9.26	8.76	52.0	7.11	9.87	9.74		
Jingqi, Viwe (RSA) (2005)	time				2.00	3.15	4.20	5.21	6.23	7.26	8.28	9.31	10.35	11.45	11.45	2 / 5					
	reaction time	0.154	interval			1.15	1.05	1.01	1.02	1.03	1.02	1.03	1.04	1.10		# of strides	4.20	3.06	3.09		
	velocity				5.00	8.70	9.52	9.90	9.80	9.71	9.80	9.71	9.62	9.09	8.73	52.0	7.14	9.80	9.71		
Tenorio, Ángela (ECU) (1996)	time				2.03	3.21	4.25	5.26	6.27	7.29	8.32	9.35	10.39	11.47	11.47	6 / 6					
	reaction time	0.162	interval			1.18	1.04	1.01	1.01	1.02	1.03	1.03	1.04	1.08		# of strides	4.25	3.04	3.10		
	velocity				4.93	8.47	9.62	9.90	9.90	9.80	9.71	9.71	9.62	9.26	8.72	48.5	7.06	9.87	9.68		
van den Berg, Isabel (NED) (2005)	time				2.04	3.25	4.30	5.36	6.41	7.48	8.53	9.58	10.63	11.72	11.72	8 / 7					
	reaction time	0.161	interval			1.21	1.05	1.06	1.05	1.07	1.05	1.05	1.05	1.09		# of strides	4.30	3.18	3.15		
	velocity				4.90	8.26	9.52	9.43	9.52	9.35	9.52	9.52	9.52	9.17	8.53	51.0	6.98	9.43	9.52		
Sedney, Naomi (NED) (1994)	time				2.14	3.30	4.39	5.42	6.47	7.52	8.58	9.65	10.75	11.88	11.88	1 / 8					
	reaction time	0.188	interval			1.16	1.09	1.03	1.05	1.05	1.06	1.07	1.10	1.13		# of strides	4.39	3.13	3.23		
	velocity				4.67	8.62	9.17	9.71	9.52	9.52	9.43	9.35	9.09	8.85	8.42	53.0	6.83	9.58	9.29		

2024 Chinese National Grand Prix Final (Rizhao, CHN)
FINAL

		date	29-Jun-24	wind	0.9 m/s										Shandong Athletics Sport Science (2024)						
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Chen Yujie (CHN) (2008)	time			2.03	3.16	4.21	5.19	6.18	7.16	8.15	9.19	10.23	11.29	11.29	4 / 1						
	reaction time	0.164	interval		1.13	1.05	0.98	0.99	0.98	0.99	1.04	1.04	1.06	NU18R PB	# of strides	4.21	2.95	3.07			
			velocity		4.93	8.85	9.52	10.20	10.10	10.20	10.10	9.62	9.62	9.43	8.86	56.0	7.13	10.17	9.77		
Liang Xiaojing (CHN) (1997)	time			2.02	3.12	4.14	5.14	6.11	7.11	8.10	9.15	10.21	11.33	11.33	5 / 2						
	reaction time	0.165	interval		1.10	1.02	1.00	0.97	1.00	0.99	1.05	1.06	1.12		# of strides	4.14	2.97	3.10			
			velocity		4.95	9.09	9.80	10.00	10.31	10.00	10.10	9.52	9.43	8.93	8.83	56.0	7.25	10.10	9.68		
Ge Manqi (CHN) (1997)	time			2.00	3.13	4.19	5.19	6.20	7.19	8.20	9.24	10.29	11.39	11.39	7 / 3						
	reaction time	0.146	interval		1.13	1.06	1.00	1.01	0.99	1.01	1.04	1.05	1.10		# of strides	4.19	3.00	3.10			
			velocity		5.00	8.85	9.43	10.00	9.90	10.10	9.90	9.62	9.52	9.09	8.78	51.0	7.16	10.00	9.68		
Li He (CHN) (2001)	time			2.12	3.25	4.29	5.29	6.28	7.28	8.30	9.32	10.39	11.46	11.46	6 / 4						
	reaction time	0.162	interval		1.13	1.04	1.00	0.99	1.00	1.02	1.02	1.07	1.07		# of strides	4.29	2.99	3.11			
			velocity		4.72	8.85	9.62	10.00	10.10	10.00	9.80	9.80	9.35	9.35	8.73	53.0	6.99	10.03	9.65		
Ding Chao (CHN) (1996)	time			2.08	3.20	4.27	5.29	6.30	7.32	8.35	9.40	10.45	11.57	11.57	9 / 5						
	reaction time	0.164	interval		1.12	1.07	1.02	1.01	1.02	1.03	1.05	1.05	1.12	=PB	# of strides	4.27	3.05	3.13			
			velocity		4.81	8.93	9.35	9.80	9.90	9.80	9.71	9.52	9.52	8.93	8.64	54.0	7.03	9.84	9.58		
Wei Yongli (CHN) (1991)	time			2.07	3.23	4.30	5.31	6.33	7.35	8.36	9.41	10.48	11.61	11.61	3 / 6						
	reaction time	0.177	interval		1.16	1.07	1.01	1.02	1.02	1.01	1.05	1.07	1.13		# of strides	4.30	3.05	3.13			
			velocity		4.83	8.62	9.35	9.90	9.80	9.80	9.90	9.52	9.35	8.85	8.61	50.0	6.98	9.84	9.58		
Xu Jialu (CHN) (2000)	time			2.05	3.22	4.30	5.31	6.34	7.37	8.42	9.48	10.59	11.71	11.71	2 / 7						
	reaction time	0.178	interval		1.17	1.08	1.01	1.03	1.03	1.05	1.06	1.11	1.12		# of strides	4.30	3.07	3.22			
			velocity		4.88	8.55	9.26	9.90	9.71	9.71	9.52	9.43	9.01	8.93	8.54	53.5	6.98	9.77	9.32		
Zhu Junying (CHN) (2004)	time			2.13	3.31	4.40	5.43	6.45	7.48	8.54	9.63	10.76	11.98	11.98	1 / 8						
	reaction time	0.182	interval		1.18	1.09	1.03	1.02	1.03	1.06	1.09	1.13	1.22		# of strides	4.40	3.08	3.28			
			velocity		4.69	8.47	9.17	9.71	9.80	9.71	9.43	9.17	8.85	8.20	8.35	51.0	6.82	9.74	9.15		

Ta Lou-Smith, Marie-Josée (CIV)	time	2.08	3.21	4.25	5.24	6.23	7.20	8.17	9.16	10.16	11.16	11.16	4 / 2			
	reaction time	0.168	interval	1.13	1.04	0.99	0.99	0.97	0.97	1.00	1.00		# of strides	4.25	2.95	2.96
	velocity	4.81	8.85	9.62	10.10	10.10	10.31	10.31	10.10	10.00	10.00	8.96	51.2	7.06	10.17	10.14
Brown, Brittany (USA) (1995)	time	2.02	3.17	4.21	5.19	6.20	7.19	8.18	9.17	10.17	11.18	11.18	2 / 3			
	reaction time	0.137	interval	1.15	1.04	0.98	1.01	0.99	0.99	1.00	1.01		# of strides	4.21	2.98	2.98
	velocity	4.95	8.70	9.62	10.20	9.90	10.10	10.10	10.10	10.00	9.90	8.94	49.5	7.13	10.07	10.07
Dosso, Zaynab (ITA) (1999)	time	2.03	3.17	4.21	5.21	6.20	7.18	8.17	9.17	10.19	11.23	11.23	5 / 4			
	reaction time	0.150	interval	1.14	1.04	1.00	0.99	0.98	0.99	1.00	1.02	1.04	# of strides	4.21	2.97	3.01
	velocity	4.93	8.77	9.62	10.00	10.10	10.20	10.10	10.00	9.80	9.62	8.90	48.2	7.13	10.10	9.97
Henriksson, Julia (SWE) (2000)	time	2.06	3.21	4.26	5.28	6.28	7.28	8.29	9.30	10.33	11.37	11.37	6 / 5			
	reaction time	0.150	interval	1.15	1.05	1.02	1.00	1.00	1.01	1.01	1.03	1.04	# of strides	4.26	3.02	3.05
	velocity	4.85	8.70	9.52	9.80	10.00	10.00	9.90	9.90	9.71	9.62	8.80	50.5	7.04	9.93	9.84
Takács, Boglárka (HUN) (2001)	time	2.14	3.31	4.36	5.38	6.38	7.37	8.37	9.36	10.38	11.40	11.40	7 / 6			
	reaction time	0.137	interval	1.17	1.05	1.02	1.00	0.99	1.00	0.99	1.02	1.02	# of strides	4.36	3.01	3.01
	velocity	4.67	8.55	9.52	9.80	10.00	10.10	10.00	10.10	9.80	9.80	8.77	51.0	6.88	9.97	9.97
Morrison, Natasha (JAM) (1992)	time	2.07	3.21	4.23	5.26	6.27	7.26	8.27	9.29	10.35	11.41	11.41	1 / 7			
	reaction time	0.163	interval	1.14	1.02	1.03	1.01	0.99	1.01	1.02	1.06	1.06	# of strides	4.23	3.03	3.09
	velocity	4.83	8.77	9.80	9.71	9.90	10.10	9.90	9.80	9.43	9.43	8.76	50.0	7.09	9.90	9.71
Safronova, Olga (KAZ) (1991)	time	2.13	3.30	4.37	5.42	6.46	7.47	8.50	9.53	10.58	11.65	11.65	8 / 8			
	reaction time	0.148	interval	1.17	1.07	1.05	1.04	1.01	1.03	1.03	1.05	1.07	# of strides	4.37	3.10	3.11
	velocity	4.69	8.55	9.35	9.52	9.62	9.90	9.71	9.71	9.52	9.35	8.58	50.5	6.86	9.68	9.65

National FINAL

date 02-Jun-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
Koné, Maboundou (CIV) (1997)	time	2.06	3.21	4.26	5.26	6.26	7.26	8.26	9.27	10.31	11.33	11.33	4 / 1			
	reaction time	0.171	interval	1.15	1.05	1.00	1.00	1.00	1.01	1.04	1.02		# of strides	4.26	3.00	3.05
	velocity	4.85	8.70	9.52	10.00	10.00	10.00	10.00	9.90	9.62	9.80	8.83		7.04	10.00	9.84
Safronova, Olga (KAZ) (1991)	time	2.14	3.32	4.38	5.42	6.43	7.45	8.46	9.48	10.54	11.58	11.58	2 / 2			
	reaction time	0.151	interval	1.18	1.06	1.04	1.01	1.02	1.01	1.02	1.06	1.04	# of strides	4.38	3.07	3.09
	velocity	4.67	8.47	9.43	9.62	9.90	9.80	9.90	9.80	9.43	9.62	8.64		6.85	9.77	9.71
Tanderud, Elvira (SWE) (2004)	time	2.15	3.32	4.37	5.43	6.47	7.50	8.53	9.56	10.62	11.69	11.69	5 / 3			
	reaction time	0.160	interval	1.17	1.05	1.06	1.04	1.03	1.03	1.06	1.07		# of strides	4.37	3.13	3.12
	velocity	4.65	8.55	9.52	9.43	9.62	9.71	9.71	9.71	9.43	9.35	8.55		6.86	9.58	9.62
Lundberg, Olivia (SWE) (2006)	time	2.11	3.22	4.31	5.39	6.44	7.49	8.54	9.61	10.71	11.78	11.78	3 / 4			
	reaction time	0.137	interval	1.11	1.09	1.08	1.05	1.05	1.05	1.07	1.10	1.07	# of strides	4.31	3.18	3.22
	velocity	4.74	9.01	9.17	9.26	9.52	9.52	9.52	9.35	9.09	9.35	8.49		6.96	9.43	9.32
Sahlgqvist, Esther (SWE) (2006)	time	2.12	3.32	4.41	5.47	6.52	7.56	8.61	9.68	10.77	11.86	11.86	1 / 5			
	reaction time	0.146	interval	1.20	1.09	1.06	1.05	1.04	1.05	1.07	1.09	1.09	# of strides	4.41	3.15	3.21
	velocity	4.72	8.33	9.17	9.43	9.52	9.62	9.52	9.35	9.17	9.17	8.43		6.80	9.52	9.35
Hallberg Hossain, Ayla (SWE) (2020)	time	2.16	3.36	4.47	5.54	6.59	7.64	8.70	9.76	10.83	11.91	11.91	7 / 6			
	reaction time	0.156	interval	1.20	1.11	1.07	1.05	1.05	1.06	1.06	1.07	1.08	# of strides	4.47	3.17	3.19
	velocity	4.63	8.33	9.01	9.35	9.52	9.52	9.43	9.43	9.35	9.26	8.40		6.71	9.46	9.40

2024 Prefontaine Classic (Eugene, OR)

FINAL

date 25-May-24

wind 1.5 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
Richardson, Sha'Carri (USA) (2001)	time	2.01	3.14	4.15	5.11	6.05	6.99	7.93	8.88	9.85	10.83	10.83	5 / 1			
	reaction time	0.139	interval	1.13	1.01	0.96	0.94	0.94	0.95	0.97	0.98		# of strides	4.15	2.84	2.86
	velocity	4.98	8.85	9.90	10.42	10.64	10.64	10.64	10.53	10.31	10.20	9.23	51.0	7.23	10.56	10.49
Alfred, Julien (LCA) (2001)	time	2.00	3.13	4.13	5.10	6.06	7.01	7.98	8.96	9.94	10.93	10.93	3 / 2			
	reaction time	0.133	interval	1.13	1.00	0.97	0.96	0.95	0.97	0.98	0.99		# of strides	4.13	2.88	2.93
	velocity	5.00	8.85	10.00	10.31	10.42	10.53	10.31	10.20	10.20	10.10	9.15	50.0	7.26	10.42	10.24
Asher-Smith, Dina (GBR) (1995)	time	2.02	3.14	4.16	5.13	6.09	7.04	8.01	8.98	9.98	10.98	10.98	7 / 3			
	reaction time	0.148	interval	1.12	1.02	0.97	0.96	0.95	0.97	1.00	1.00		# of strides	4.16	2.88	2.94
	velocity	4.95	8.93	9.80	10.31	10.42	10.53	10.31	10.31	10.00	10.00	9.11	49.7	7.21	10.42	10.20
Neita, Daryll (GBR) (1996)	time	2.04	3.18	4.20	5.18	6.14	7.10	8.06	9.03	10.01	11.00	11.00	1 / 4			
	reaction time	0.139	interval	1.14	1.02	0.98	0.96	0.96	0.97	0.98	0.99		# of strides	4.20	2.90	2.91
	velocity	4.90	8.77	9.80	10.20	10.42	10.42	10.42	10.31	10.20	10.10	9.09	46.0	7.14	10.34	10.31
Jefferson, Melissa (USA) (2001)	time	2.00	3.14	4.16	5.15	6.10	7.06	8.03	9.01	10.00	11.02	11.02	8 / 5			
	reaction time	0.133	interval	1.14	1.02	0.99	0.95	0.96	0.97	0.98	1.02		# of strides	4.16	2.90	2.94

	velocity	5.00	8.77	9.80	10.10	10.53	10.42	10.31	10.20	10.10	9.80	9.07	51.5	7.21	10.34	10.20
Ta Lou-Smith, Marie-Josée (CIV)	time	2.03	3.18	4.20	5.17	6.13	7.08	8.04	9.01	10.00	11.05	11.05	6 / 6			
	reaction time	0.164	interval	1.15	1.02	0.97	0.96	0.95	0.97	0.99	1.05		# of strides	4.20	2.88	2.92
	velocity	4.93	8.70	9.80	10.31	10.42	10.53	10.42	10.31	10.10	9.52	9.05	50.0	7.14	10.42	10.27
Terry, Twanisha (USA) (1999)	time	2.07	3.21	4.25	5.24	6.22	7.19	8.17	9.16	10.17	11.19	11.19	2 / 7			
	reaction time	0.139	interval	1.14	1.04	0.99	0.98	0.97	0.98	0.99	1.01	1.02	# of strides	4.25	2.94	2.98
	velocity	4.83	8.77	9.62	10.10	10.20	10.31	10.20	10.10	9.90	9.80	8.94	2.0	7.06	10.20	10.07
Brown, Brittany (USA) (1995)	time	2.09	3.24	4.26	5.25	6.23	7.20	8.18	9.17	10.18	11.21	11.21	9 / 8			
	reaction time	0.144	interval	1.15	1.02	0.99	0.98	0.97	0.98	0.99	1.01	1.03	# of strides	4.26	2.94	2.98
	velocity	4.78	8.70	9.80	10.10	10.20	10.31	10.20	10.10	9.90	9.71	8.92	49.0	7.04	10.20	10.07
Thompson-Herah, Elaine (JAM)	time	2.06	3.22	4.25	5.26	6.25	7.24	8.23	9.24	10.26	11.30	11.30	4 / 9			
	reaction time	0.153	interval	1.16	1.03	1.01	0.99	0.99	0.99	1.01	1.02	1.04	# of strides	4.25	2.99	3.02
	velocity	4.85	8.62	9.71	9.90	10.10	10.10	10.10	9.90	9.80	9.62	8.85	51.2	7.06	10.03	9.93

2024 Shimane High School Championships (Izumo, JPN)

FINAL

	date	25-May-24	wind	1.2 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
Nagaoka, Risa (JPN) (2008)	time						4.48						10.92	12.02	12.02	4 / 1
	reaction time						interval			3.19			3.25	1.10		# of strides
	velocity						6.70			9.40			9.23	9.09	8.32	53.0
Hata, Kokomi (JPN) (2006)	time						4.40			7.60			10.93	12.11	12.11	7 / 2
	reaction time						interval			3.20			3.33	1.18		# of strides
	velocity						6.82			9.38			9.01	8.47	8.26	54.5
Tamaki, Mayu (JPN)	time						4.50			7.82			11.33	12.55	12.55	6 / 3
	reaction time						interval			3.32			3.51	1.22		# of strides
	velocity						6.67			9.04			8.55	8.20	7.97	59.0
Kaneko, Akira (JPN)	time						4.57			7.90			11.37	12.56	12.56	3 / 4
	reaction time						interval			3.33			3.47	1.19		# of strides
	velocity						6.56			9.01			8.65	8.40	7.96	59.0
Nakahara, Sana (JPN)	time						4.67			8.07			11.65	12.89	12.89	9 / 5
	reaction time						interval			3.40			3.58	1.24		# of strides
	velocity						6.42			8.82			8.38	8.06	7.76	55.0
Hayashibara, Hikari (JPN)	time						4.68			8.07			11.67	12.90	12.90	8 / 6
	reaction time						interval			3.39			3.60	1.23		# of strides
	velocity						6.41			8.85			8.33	8.13	7.75	57.0
Takahashi, Mihiro (JPN)	time						4.68			8.13			11.75	13.00	13.00	5 / 7
	reaction time						interval			3.45			3.62	1.25		# of strides
	velocity						6.41			8.70			8.29	8.00	7.69	54.0
Kato, Ryuna (JPN)	time						4.67			8.15			11.87	13.14	13.14	2 / 8
	reaction time						interval			3.48			3.72	1.27		# of strides
	velocity						6.42			8.62			8.06	7.87	7.61	56.2

2024 Chinese National Grand Prix (Qingdao, CHN)

Heat 3

	date	13-May-24	wind	-0.8 m/s	Shandong Athletics Sport Science (2024)											
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place
Xu Zihan (CHN) (2004)	time				2.12	3.34	4.47	5.59	6.69	7.82	8.92	10.05	11.19	12.37	12.37	3 / 3
	reaction time	0.172	interval			1.22	1.13	1.12	1.10	1.13	1.10	1.13	1.14	1.18		# of strides
	velocity				4.72	8.20	8.85	8.93	9.09	8.85	9.09	8.85	8.77	8.47	8.08	55.0

2024 Seashore Doha Meeting (Doha, QAT)

FINAL

	date	10-May-24	wind	2.0 m/s	Omega Timing (2024) - diamond league race analysis											
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place
Neita, Daryll (GBR) (1996)	time				2.03	3.17	4.19	5.17	6.12	7.08	8.03	9.00	9.98	10.98	10.98	4 / 1
	reaction time	0.147	interval			1.14	1.02	0.98	0.95	0.96	0.95	0.97	0.98	1.00		# of strides
	velocity				4.93	8.77	9.80	10.20	10.53	10.42	10.53	10.31	10.20	10.00	9.11	46.5
Davis, Tamari (USA) (2003)	time				1.97	3.08	4.10	5.08	6.04	7.01	7.99	8.98	9.98	10.99	10.99	3 / 2
	reaction time	0.122	interval			1.11	1.02	0.98	0.96	0.97	0.98	0.99	1.00	1.01		# of strides
	velocity				5.08	9.01	9.80	10.20	10.42	10.31	10.20	10.10	10.00	9.90	9.10	47.7
Barnes, Celera (USA) (1998)	time				1.99	3.12	4.17	5.15	6.11	7.07	8.04	9.02	10.01	11.02	11.02	2 / 3
	reaction time	0.144	interval			1.13	1.05	0.98	0.96	0.96	0.97	0.98	0.99	1.01		# of strides
	velocity				5.03	8.85	9.52	10.20	10.42	10.42	10.31	10.20	10.10	9.90	9.07	52.0

Hunt, Amy (GBR) (2002)	time	2.08	3.23	4.27	5.26	6.22	7.19	8.16	9.14	10.13	11.13	11.13	6 / 4			
	reaction time	0.161	interval	1.15	1.04	0.99	0.96	0.97	0.97	0.98	0.99	1.00	# of strides	4.27	2.92	2.94
	velocity	4.81	8.70	9.62	10.10	10.42	10.31	10.31	10.20	10.10	10.00	8.98	48.2	7.03	10.27	10.20
Takács, Boglárka (HUN) (2001)	time	2.07	3.22	4.26	5.24	6.21	7.18	8.16	9.15	10.16	11.17	11.17	7 / 5			
	reaction time	0.138	interval	1.15	1.04	0.98	0.97	0.97	0.98	0.99	1.01	1.01	# of strides	4.26	2.92	2.98
	velocity	4.83	8.70	9.62	10.20	10.31	10.31	10.20	10.10	9.90	9.90	8.95	50.0	7.04	10.27	10.07
Johnson, Kortnei (USA) (1997)	time	2.04	3.19	4.25	5.25	6.23	7.22	8.21	9.23	10.25	11.29	11.29	1 / 6			
	reaction time	0.151	interval	1.15	1.06	1.00	0.98	0.99	0.99	1.02	1.02	1.04	# of strides	4.25	2.97	3.03
	velocity	4.90	8.70	9.43	10.00	10.20	10.10	10.10	9.80	9.80	9.62	8.86	53.0	7.06	10.10	9.90
Morrison, Natasha (JAM) (1992)	time	2.07	3.21	4.27	5.27	6.28	7.28	8.28	9.29	10.32	11.37	11.37	5 / 7			
	reaction time	0.173	interval	1.14	1.06	1.00	1.01	1.00	1.00	1.01	1.03	1.05	# of strides	4.27	3.01	3.04
	velocity	4.83	8.77	9.43	10.00	9.90	10.00	10.00	9.90	9.71	9.52	8.80	49.5	7.03	9.97	9.87
Fasihi, Farzaneh (IRI) (1993)	time	2.04	3.19	4.26	5.28	6.30	7.33	8.39	9.47	10.57	11.71	11.71	8 / 8			
	reaction time	0.139	interval	1.15	1.07	1.02	1.02	1.03	1.06	1.08	1.10	1.14	# of strides	4.26	3.07	3.24
	velocity	4.90	8.70	9.35	9.80	9.80	9.71	9.43	9.26	9.09	8.77	8.54	52.0	7.04	9.77	9.26

2024 Chinese Indoor National Championships (Tianjin, CHN)

Heat 2

date 31-Mar-24		Shandong Athletics Sport Science (2024)													
		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Zhu Junying (CHN) (2004)	time	2.17	3.30	4.40	5.45	6.46	7.52	7.52	3 / 1						
	reaction time	0.224	interval	1.13	1.10	1.05	1.01		# of strides	4.40	3.12				
	velocity	4.61	8.85	9.09	9.52	9.90	9.43	7.98	33.0	6.82	9.62				
Huang Ziting (CHN) (2003)	time	2.18	3.32	4.40	5.45	6.46	7.53	7.53	2 / 2						
	reaction time	0.200	interval	1.14	1.08	1.05	1.01		# of strides	4.40	3.13				
	velocity	4.59	8.77	9.26	9.52	9.90	9.35	7.97	32.5	6.82	9.58				
Zhu Cuiyan (CHN) (2000)	time	2.19	3.31	4.40	5.45	6.47	7.56	7.56	8 / 3						
	reaction time	0.224	interval	1.12	1.09	1.05	1.02		# of strides	4.40	3.16				
	velocity	4.57	8.93	9.17	9.52	9.80	9.17	7.94	34.0	6.82	9.49				
Xu Jialu (CHN) (2000)	time	2.19	3.31	4.40	5.45	6.48	7.56	7.56	6 / 4						
	reaction time	0.240	interval	1.12	1.09	1.05	1.03		# of strides	4.40	3.16				
	velocity	4.57	8.93	9.17	9.52	9.71	9.26	7.94	34.0	6.82	9.49				
Xu Zihan (CHN) (2004)	time	2.19	3.35	4.50	5.60	6.72	7.85	7.85	4 / 7						
	reaction time	0.152	interval	1.16	1.15	1.10	1.12		# of strides	4.50	3.35				
	velocity	4.57	8.62	8.70	9.09	8.93	8.85	7.64	35.0	6.67	8.96				

2024 Chinese Indoor Grand Prix III (Jinan, CHN)

FINAL

date 12-Mar-24		Shandong Athletics Sport Science (2024)													
		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Liu Ziyi (CHN) (2002)	time	2.07	3.21	4.29	5.32	6.36	7.42	7.42	4 / 1						
	reaction time	0.152	interval	1.14	1.08	1.03	1.04	PB	# of strides	4.29	3.13				
	velocity	4.83	8.77	9.26	9.71	9.62	9.43	8.09	33.7	6.99	9.58				
Long Lingyao (CHN) (1997)	time	2.10	3.27	4.34	5.36	6.41	7.45	7.45	3 / 2						
	reaction time	0.267	interval	1.17	1.07	1.02	1.05		# of strides	4.34	3.11				
	velocity	4.76	8.55	9.35	9.80	9.52	9.62	8.05	32.0	6.91	9.65				
Tao Yuqing (CHN) (2007)	time	2.12	3.28	4.33	5.35	6.41	7.46	7.46	5 / 3						
	reaction time	0.173	interval	1.16	1.05	1.02	1.06	=PB	# of strides	4.33	3.13				
	velocity	4.72	8.62	9.52	9.80	9.43	9.52	8.04	31.0	6.93	9.58				
Pan Yue (CHN) (2003)	time	2.07	3.24	4.33	5.36	6.45	7.49	7.49	6 / 4						
	reaction time	0.154	interval	1.17	1.09	1.03	1.09	PB	# of strides	4.33	3.16				
	velocity	4.83	8.55	9.17	9.71	9.17	9.62	8.01	33.0	6.93	9.49				
Dong Yuehua (CHN) (2002)	time	2.08	3.25	4.35	5.39	6.46	7.52	7.52	1 / 5						
	reaction time	0.170	interval	1.17	1.10	1.04	1.07	PB	# of strides	4.35	3.17				
	velocity	4.81	8.55	9.09	9.62	9.35	9.43	7.98	32.0	6.90	9.46				
Ding Chao (CHN) (1996)	时间	2.10	3.27	4.36	5.40	6.46	7.53	7.53	2 / 6						
	reaction time	0.194	time	1.17	1.09	1.04	1.06		# of strides	4.36	3.17				
	interval	4.76	8.55	9.17	9.62	9.43	9.35	7.97	35.5	6.88	9.46				
Liu Le (CHN) (2001)	time	2.11	3.28	4.38	5.44	6.51	7.55	7.55	7 / 7						
	reaction time	0.170	interval	1.17	1.10	1.06	1.07		# of strides	4.38	3.17				
	velocity	4.74	8.55	9.09	9.43	9.35	9.62	7.95	33.2	6.85	9.46				

Ma Chengna (CHN) (2000)	time	2.13	3.30	4.40	5.47	6.53	7.60		
reaction time	0.162	interval	1.17	1.10	1.07	1.06	1.07		
		velocity	4.69	8.55	9.09	9.35	9.43	9.35	

7.60	8 / 8		
# of strides	4.40	3.20	
33.0	6.82	9.38	

Heat 3

date 12-Mar-24

Shandong Athletics Sport Science (2024)

		10m	20m	30m	40m	50m	60m		
Xu Zihan (CHN) (2004)	time	2.16	3.37	4.51	5.58	6.70	7.81		
reaction time	0.185	interval	1.21	1.14	1.07	1.12	1.11		
		velocity	4.63	8.26	8.77	9.35	8.93	9.01	

Official Time	Lane / Place	0-30m	30-60m	60-90m
7.81	8 / 5			
# of strides	4.51	3.30		
35.0	6.65	9.09		

2024 Chinese Indoor Grand Prix I (Chengdu, CHN)

A FINAL

date 27-Feb-24

Shandong Athletics Sport Science (2024)

		10m	20m	30m	40m	50m	60m		
Ge Manqi (CHN) (1997)	time		3.09	4.22	5.25	6.27	7.30		
reaction time			interval	1.13	1.03	1.02	1.03		
			velocity	6.47	8.85	9.71	9.80	9.71	
Yuan Qiqi (CHN) (1995)	time		3.18	4.32	5.33	6.34	7.37		
reaction time			interval	1.14	1.01	1.01	1.03		
			velocity	6.29	8.77	9.90	9.90	9.71	
Wei Yongli (CHN) (1991)	time		3.18	4.34	5.35	6.36	7.41		
reaction time			interval	1.16	1.01	1.01	1.05		
			velocity	6.29	8.62	9.90	9.90	9.52	
Feng Lulu (CHN) (2000)	time		3.20	4.34	5.37	6.40	7.43		
reaction time			interval	1.14	1.03	1.03	1.03		
			velocity	6.25	8.77	9.71	9.71	9.71	
Lin Xinyi (CHN) (2001)	time		3.18	4.32	5.37	6.40	7.44		
reaction time			interval	1.14	1.05	1.03	1.04		
			velocity	6.29	8.77	9.52	9.71	9.62	
Ding Chao (CHN) (1996)	time		3.20	4.35	5.39	6.43	7.47		
reaction time			interval	1.15	1.04	1.04	1.04		
			velocity	6.25	8.70	9.62	9.62	9.62	

Official Time	Lane / Place	0-30m	30-60m	60-90m
7.30	4 / 1			
# of strides	4.22	3.08		
33.0	7.11	9.74		
7.37	6 / 2			
# of strides	4.32	3.05		
37.0	6.94	9.84		
7.41	3 / 3			
# of strides	4.34	3.07		
32.0	6.91	9.77		
7.43	5 / 4			
# of strides	4.34	3.09		
34.0	6.91	9.71		
7.44	2 / 5			
=PB	# of strides	4.32	3.12	
8.06	35.0	6.94	9.62	
7.47	1 / 6			
# of strides	4.35	3.12		
8.03	35.7	6.90	9.62	

2023 Prefontaine Classic (Eugene, OR)

Para FINAL

date 17-Sep-23

wind 0.7 m/s

Omega Timing (2023) - diamond league race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m		
Jong, Fleur (NED) (1995) (T62)	time	2.51	3.85	5.03	6.15	7.24	8.31	9.38	10.46	11.54	12.67		
reaction time	0.172	interval	1.34	1.18	1.12	1.09	1.07	1.07	1.08	1.08	1.13		
		velocity	3.98	7.46	8.47	8.93	9.17	9.35	9.35	9.26	8.85		
van Gansewinkel, Marlene (NED)	time	2.39	3.70	4.87	6.00	7.10	8.18	9.28	10.38	11.50	12.68		
reaction time	0.190	interval	1.31	1.17	1.13	1.10	1.08	1.10	1.10	1.12	1.18		
		velocity	4.18	7.63	8.55	8.85	9.09	9.26	9.09	8.93	8.47		
Hendriks, Kiki (NED) (2000) (T62)	time	2.49	3.87	5.10	6.27	7.41	8.53	9.65	10.78	11.92	13.10		
reaction time	0.134	interval	1.38	1.23	1.17	1.14	1.12	1.12	1.13	1.14	1.18		
		velocity	4.02	7.25	8.13	8.55	8.77	8.93	8.93	8.85	8.77		
Swanson, Taylor (USA) (1992) (T:	time	2.35	3.63	4.80	5.94	7.09	8.24	9.42	10.63	11.87	13.15		
reaction time	0.236	interval	1.28	1.17	1.14	1.15	1.15	1.18	1.21	1.24	1.28		
		velocity	4.26	7.81	8.55	8.77	8.70	8.47	8.26	8.06	7.81		
Papaconstantinou, Marissa (CAN)	time	2.45	3.79	5.02	6.20	7.37	8.53	9.72	10.91	12.14	13.42		
reaction time	0.236	interval	1.34	1.23	1.18	1.17	1.16	1.19	1.19	1.23	1.28		
		velocity	4.08	7.46	8.13	8.47	8.55	8.62	8.40	8.40	8.13		
Hatz, Beatriz (USA) (2000) (T64)	time	2.53	3.88	5.12	6.32	7.51	8.69	9.90	11.13	12.36	13.65		
reaction time	0.257	interval	1.35	1.24	1.20	1.19	1.18	1.21	1.23	1.23	1.29		
		velocity	3.95	7.41	8.06	8.33	8.40	8.47	8.26	8.13	7.75		
Barta, Sydney (USA) (2004) (T64)	time	2.64	4.04	5.33	6.57	7.79	9.02	10.25	11.52	12.79	14.10		
reaction time	0.305	interval	1.40	1.29	1.24	1.22	1.23	1.23	1.27	1.27	1.31		
		velocity	3.79	7.14	7.75	8.06	8.20	8.13	8.13	7.87	7.63		
Carey, Annie (USA) (2004) (T44)	time	2.51	3.90	5.20	6.48	7.76	9.06	10.37	11.70	13.09	14.53		
reaction time	0.262	interval	1.39	1.30	1.28	1.28	1.30	1.31	1.33	1.39	1.44		
		velocity	3.98	7.19	7.69	7.81	7.81	7.69	7.63	7.52	7.19		

Official Time	Lane / Place	0-30m	30-60m	60-90m
12.67	5 / 1			
# of strides	5.03	3.28	3.23	
52.0	5.96	9.15	9.29	
12.68	2 / 2			
# of strides	4.87	3.31	3.32	
51.0	6.16	9.06	9.04	
13.10	6 / 3			
# of strides	5.10	3.43	3.39	
51.7	5.88	8.75	8.85	
13.15	8 / 4			
# of strides	4.80	3.44	3.63	
57.0	6.25	8.72	8.26	
13.42	4 / 5			
# of strides	5.02	3.51	3.61	
55.2	5.98	8.55	8.31	
13.65	3 / 6			
# of strides	5.12	3.57	3.67	
53.2	5.86	8.40	8.17	
14.10	1 / 7			
# of strides	5.33	3.69	3.77	
56.0	5.63	8.13	7.96	
14.53	7 / 8			
# of strides	5.20	3.86	4.03	
5.77	7.77	7.44		

FINAL

date 16-Sep-23

wind 0.8 m/s

Omega Timing (2023) - diamond league race analysis

Jackson, Shericka (JAM) (1994)	time	2.04	3.14	4.14	5.09	6.02	6.93	7.85	8.78	9.72	10.70	10.70	6 / 1			
	reaction time	0.190	interval	1.10	1.00	0.95	0.93	0.91	0.92	0.93	0.94	0.98	# of strides	4.14	2.79	2.79
	velocity	4.90	9.09	10.00	10.53	10.75	10.99	10.87	10.75	10.64	10.20	9.35	47.0	7.25	10.75	10.75
Ta Lou, Marie-Josée (CIV) (1988)	time	2.01	3.12	4.12	5.08	6.03	6.96	7.90	8.84	9.77	10.75	10.75	4 / 2			
	reaction time	0.167	interval	1.11	1.00	0.96	0.95	0.93	0.94	0.94	0.93	0.98	# of strides	4.12	2.84	2.81
	velocity	4.98	9.01	10.00	10.42	10.53	10.75	10.64	10.64	10.75	10.20	9.30	49.5	7.28	10.56	10.68
Thompson-Herah, Elaine (JAM) (time	2.02	3.14	4.14	5.10	6.04	6.97	7.91	8.86	9.81	10.79	10.79	3 / 3				
	reaction time	0.159	interval	1.12	1.00	0.96	0.94	0.93	0.94	0.95	0.95	0.98	# of strides	4.14	2.83	2.84
	velocity	4.95	8.93	10.00	10.42	10.64	10.75	10.64	10.53	10.53	10.20	9.27	50.0	7.25	10.60	10.56
Richardson, Sha'Carri (USA) (2016)	time	2.07	3.20	4.21	5.17	6.11	7.04	7.97	8.90	9.85	10.80	10.80	5 / 4			
	reaction time	0.146	interval	1.13	1.01	0.96	0.94	0.93	0.93	0.95	0.95	0.95	# of strides	4.21	2.83	2.81
	velocity	4.83	8.85	9.90	10.42	10.64	10.75	10.75	10.75	10.53	10.53	9.26	50.5	7.13	10.60	10.68
Terry, Twanisha (USA) (1999)	time	2.02	3.14	4.15	5.11	6.06	6.99	7.94	8.89	9.85	10.83	10.83	2 / 5			
	reaction time	0.134	interval	1.12	1.01	0.96	0.95	0.93	0.95	0.95	0.96	0.98	# of strides	4.15	2.84	2.86
	velocity	4.95	8.93	9.90	10.42	10.53	10.75	10.53	10.53	10.42	10.20	9.23	51.7	7.23	10.56	10.49
Morrison, Natasha (JAM) (1992)	time	2.00	3.10	4.12	5.09	6.03	6.98	7.93	8.88	9.85	10.85	10.85	8 / 6			
	reaction time	0.140	interval	1.10	1.02	0.97	0.94	0.95	0.95	0.95	0.97	1.00	# of strides	4.12	2.86	2.87
	velocity	5.00	9.09	9.80	10.31	10.64	10.53	10.53	10.53	10.31	10.00	9.22	48.0	7.28	10.49	10.45
Asher-Smith, Dina (GBR) (1995)	time	1.98	3.10	4.12	5.10	6.07	7.03	8.00	8.97	9.95	10.96	10.96	7 / 7			
	reaction time	0.139	interval	1.12	1.02	0.98	0.97	0.96	0.97	0.97	0.98	1.01	# of strides	4.12	2.91	2.92
	velocity	5.05	8.93	9.80	10.20	10.31	10.42	10.31	10.31	10.20	9.90	9.12	49.0	7.28	10.31	10.27
Lansiquot, Imani (GBR) (1997)	time	2.07	3.21	4.24	5.22	6.17	7.12	8.08	9.04	10.01	11.01	11.01	9 / 8			
	reaction time	0.165	interval	1.14	1.03	0.98	0.95	0.95	0.96	0.96	0.97	1.00	# of strides	4.24	2.88	2.89
	velocity	4.83	8.77	9.71	10.20	10.53	10.53	10.42	10.42	10.31	10.00	9.08	47.0	7.08	10.42	10.38
Hobbs, Zoe (NZL) (1997)	time	2.03	3.18	4.22	5.21	6.19	7.17	8.15	9.14	10.15	11.18	11.18	1 / 9			
	reaction time	0.151	interval	1.15	1.04	0.99	0.98	0.98	0.98	0.99	1.01	1.03	# of strides	4.22	2.95	2.98
	velocity	4.93	8.70	9.62	10.10	10.20	10.20	10.20	10.10	9.90	9.71	8.94	50.0	7.11	10.17	10.07

2023 Memorial van Damme (Brussels, BEL)

FINAL

		date	08-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	
Thompson-Herah, Elaine (JAM)	time			2.01	3.13	4.13	5.09	6.04	6.98	7.93	8.88	9.85	10.84	10.84	5 / 1				
	reaction time	0.186	interval		1.12	1.00	0.96	0.95	0.94	0.95	0.95	0.97	0.99		# of strides	4.13	2.85	2.87	
			velocity	4.98	8.93	10.00	10.42	10.53	10.64	10.53	10.53	10.31	10.10	9.23	50.0	7.26	10.53	10.45	
Morrison, Natasha (JAM) (1992)	time			2.03	3.15	4.16	5.13	6.09	7.05	8.00	8.96	9.94	10.95	10.95	2 / 2				
	reaction time	0.175	interval		1.12	1.01	0.97	0.96	0.96	0.95	0.96	0.98	1.01		# of strides	4.16	2.89	2.89	
			velocity	4.93	8.93	9.90	10.31	10.42	10.42	10.53	10.42	10.20	9.90	9.13	48.5	7.21	10.38	10.38	
Asher-Smith, Dina (GBR) (1995)	time			1.98	3.10	4.12	5.11	6.07	7.04	8.00	8.98	9.96	10.97	10.97	4 / 3				
	reaction time	0.140	interval		1.12	1.02	0.99	0.96	0.97	0.96	0.98	0.98	1.01		# of strides	4.12	2.92	2.92	
			velocity	5.05	8.93	9.80	10.10	10.42	10.31	10.42	10.20	10.20	9.90	9.12	49.2	7.28	10.27	10.27	
Hobbs, Zoe (NZL) (1997)	time			2.02	3.14	4.17	5.16	6.13	7.10	8.09	9.08	10.10	11.14	11.14	6 / 4				
	reaction time	0.149	interval		1.12	1.03	0.99	0.97	0.97	0.99	0.99	1.02	1.04		# of strides	4.17	2.93	3.00	
			velocity	4.95	8.93	9.71	10.10	10.31	10.31	10.10	10.10	9.80	9.62	8.98	50.5	7.19	10.24	10.00	
Forbes, Shashalee (JAM) (1996)	time			2.02	3.18	4.22	5.23	6.21	7.18	8.16	9.15	10.15	11.17	11.17	3 / 5				
	reaction time	0.140	interval		1.16	1.04	1.01	0.98	0.97	0.98	0.99	1.00	1.02		# of strides	4.22	2.96	2.97	
			velocity	4.95	8.62	9.62	9.90	10.20	10.31	10.20	10.10	10.00	9.80	8.95	50.7	7.11	10.14	10.10	
Bass, Gina (GAM) (1995)	time			2.00	3.13	4.16	5.16	6.13	7.11	8.10	9.10	10.13	11.18	11.18	8 / 6				
	reaction time	0.139	interval		1.13	1.03	1.00	0.97	0.98	0.99	1.00	1.03	1.05		# of strides	4.16	2.95	3.02	
			velocity	5.00	8.85	9.71	10.00	10.31	10.20	10.10	10.00	9.71	9.52	8.94	52.0	7.21	10.17	9.93	
Rosius, Rani (BEL) (2000)	time			2.10	3.23	4.26	5.26	6.25	7.24	8.24	9.24	10.27	11.31	11.31	7 / 7				
	reaction time	0.181	interval		1.13	1.03	1.00	0.99	0.99	1.00	1.00	1.03	1.04		# of strides	4.26	2.98	3.03	
			velocity	4.76	8.85	9.71	10.00	10.10	10.10	10.00	10.00	9.71	9.62	8.84	49.0	7.04	10.07	9.90	

U18 FINAL

18 FINAL

	date	08-Sep-23	wind	0.4 m/s											Omega Timing (2023) - diamond league race analysis				
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Kudura, Djemine (BEL) (2007)	time		2.04	3.23	4.31	5.37	6.42	7.48	8.55	9.64	10.76	11.92	11.92	4 / 1					
	reaction time	0.138	interval		1.19	1.08	1.06	1.05	1.06	1.07	1.09	1.12	1.16	# of strides	4.31	3.17	3.28		
			velocity	4.90	8.40	9.26	9.43	9.52	9.43	9.35	9.17	8.93	8.62	8.39		6.96	9.46	9.15	
Sonneville, Camille (BEL) (2006)	time		2.09	3.30	4.40	5.46	6.52	7.57	8.65	9.74	10.85	11.99	11.99	3 / 2					
	reaction time	0.144	interval		1.21	1.10	1.06	1.06	1.05	1.08	1.09	1.11	1.14	# of strides	4.40	3.17	3.28		

	velocity	4.78	8.26	9.09	9.43	9.43	9.52	9.26	9.17	9.01	8.77	8.34		6.82	9.46	9.15
Foesters, Lore (BEL) (2007)	time	2.06	3.26	4.36	5.43	6.50	7.57	8.67	9.78	10.92	12.10	12.10	2 / 3			
reaction time	0.149 interval		1.20	1.10	1.07	1.07	1.07	1.10	1.11	1.14	1.18	PB	# of strides	4.36	3.21	3.35
	velocity	4.85	8.33	9.09	9.35	9.35	9.35	9.09	9.01	8.77	8.47	8.26		6.88	9.35	8.96
de Raedt, Jana (BEL) (2007)	time	2.19	3.41	4.50	5.58	6.64	7.70	8.78	9.87	10.97	12.11	12.11	6 / 4			
reaction time	0.188 interval		1.22	1.09	1.08	1.06	1.06	1.08	1.09	1.10	1.14		# of strides	4.50	3.20	3.27
	velocity	4.57	8.20	9.17	9.26	9.43	9.43	9.26	9.17	9.09	8.77	8.26		6.67	9.38	9.17
Impens, Ine (BEL) (2007)	time	2.13	3.34	4.46	5.55	6.63	7.71	8.81	9.92	11.06	12.23	12.23	8 / 5			
reaction time	0.129 interval		1.21	1.12	1.09	1.08	1.08	1.10	1.11	1.14	1.17	PB	# of strides	4.46	3.25	3.35
	velocity	4.69	8.26	8.93	9.17	9.26	9.26	9.09	9.01	8.77	8.55	8.18		6.73	9.23	8.96
Petroci-Coninx, Lauren (BEL) (2006)	time	2.20	3.43	4.54	5.61	6.68	7.76	8.86	9.97	11.10	12.27	12.27	5 / 6			
reaction time	0.170 interval		1.23	1.11	1.07	1.07	1.08	1.10	1.11	1.13	1.17		# of strides	4.54	3.22	3.34
	velocity	4.55	8.13	9.01	9.35	9.35	9.26	9.09	9.01	8.85	8.55	8.15		6.61	9.32	8.98
Philippe, Chloe (BEL) (2006)	time	2.19	3.44	4.58	5.68	6.77	7.86	8.96	10.07	11.20	12.36	12.36	1 / 7			
reaction time	0.160 interval		1.25	1.14	1.10	1.09	1.09	1.10	1.11	1.13	1.16		# of strides	4.58	3.28	3.34
	velocity	4.57	8.00	8.77	9.09	9.17	9.17	9.09	9.01	8.85	8.62	8.09		6.55	9.15	8.98
Laurent, Anyssa (BEL) (2006)	time	2.21	3.45	4.58	5.67	6.77	7.86	8.97	10.10	11.26	12.52	12.52	7 / 8			
reaction time	0.175 interval		1.24	1.13	1.09	1.10	1.09	1.11	1.13	1.16	1.26		# of strides	4.58	3.28	3.40
	velocity	4.52	8.06	8.85	9.17	9.09	9.17	9.01	8.85	8.62	7.94	7.99		6.55	9.15	8.82

2023 Xiamen Diamond League (Xiamen, CHN)

National FINAL

national FINAL		date	02-Sep-23	wind	0.4 m/s								Omega Timing (2023) - diamond league race analysis						
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Ge Manqi (CHN) (1997)		0.146	no information available											11.33	6 / 1	# of strides 51.0			
Yuan Qiqi (CHN) (1995)		time		2.07	3.22	4.28	5.28	6.27	7.26	8.26	9.27	10.29	11.34	11.34	4 / 2				
reaction time		0.173	interval		1.15	1.06	1.00	0.99	0.99	1.00	1.01	1.02	1.05		# of strides	4.28	2.98	3.03	
			velocity	4.83	8.70	9.43	10.00	10.10	10.10	10.00	9.90	9.80	9.52	8.82	57.5	7.01	10.07	9.90	
Liang Xiaojing (CHN) (1997)		time		2.01	3.15	4.20	5.20	6.20	7.20	8.22	9.27	10.33	11.44	11.44	5 / 3				
reaction time		0.160	interval		1.14	1.05	1.00	1.00	1.00	1.02	1.05	1.06	1.11		# of strides	4.20	3.00	3.13	
			velocity	4.98	8.77	9.52	10.00	10.00	10.00	9.80	9.52	9.43	9.01	8.74	55.0	7.14	10.00	9.58	
Li Yuting (CHN) (2002)		time		2.12	3.29	4.34	5.37	6.37	7.38	8.40	9.42	10.47	11.55	11.55	7 / 4				
reaction time		0.172	interval		1.17	1.05	1.03	1.00	1.01	1.02	1.02	1.05	1.08		# of strides	4.34	3.04	3.09	
			velocity	4.72	8.55	9.52	9.71	10.00	9.90	9.80	9.80	9.52	9.26	8.66	48.0	6.91	9.87	9.71	
Huang Guifen (CHN) (1997)		time		2.05	3.22	4.29	5.32	6.34	7.36	8.38	9.42	10.48	11.57	11.57	3 / 5				
reaction time		0.147	interval		1.17	1.07	1.03	1.02	1.02	1.02	1.04	1.06	1.09		# of strides	4.29	3.07	3.12	
			velocity	4.88	8.55	9.35	9.71	9.80	9.80	9.80	9.62	9.43	9.17	8.64	49.5	6.99	9.77	9.62	
Liu Guoyi (CHN) (2004)		time		2.12	3.32	4.39	5.42	6.45	7.49	8.52	9.58	10.65	11.75	11.75	8 / 6				
reaction time		0.200	interval		1.20	1.07	1.03	1.03	1.04	1.03	1.06	1.07	1.10		# of strides	4.39	3.10	3.16	
			velocity	4.72	8.33	9.35	9.71	9.71	9.62	9.71	9.43	9.35	9.09	8.51	51.0	6.83	9.68	9.49	
Huang Lin (CHN) (1999)		time		2.15	3.34	4.42	5.45	6.50	7.53	8.58	9.65	10.75	11.91	11.91	2 / 7				
reaction time		0.170	interval		1.19	1.08	1.03	1.05	1.03	1.05	1.07	1.10	1.16		# of strides	4.42	3.11	3.22	
			velocity	4.65	8.40	9.26	9.71	9.52	9.71	9.52	9.35	9.09	8.62	8.40	53.0	6.79	9.65	9.32	

2023 Weltklasse (Zürich, SUI)

FINAL

NAME	date 31-Aug-23			wind -0.2 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
Richardson, Sha'Carri (USA) (2006)	time			2.05	3.18	4.19	5.16	6.11	7.05	8.00	8.95	9.91	10.88	10.88	4 / 1			
	reaction time	0.166	interval		1.13	1.01	0.97	0.95	0.94	0.95	0.95	0.96	0.97		# of strides	4.19	2.86	2.86
			velocity	4.88	8.85	9.90	10.31	10.53	10.64	10.53	10.53	10.42	10.31	9.19	51.7	7.16	10.49	10.49
Morrison, Natasha (JAM) (1992)	time			2.01	3.13	4.15	5.12	6.08	7.03	8.00	8.98	9.98	11.00	11.00	1 / 2			
	reaction time	0.158	interval		1.12	1.02	0.97	0.96	0.95	0.97	0.98	1.00	1.02		# of strides	4.15	2.88	2.95
			velocity	4.98	8.93	9.80	10.31	10.42	10.53	10.31	10.20	10.00	9.80	9.09	49.0	7.23	10.42	10.17
Thompson-Herah, Elaine (JAM) (2004)	time			2.04	3.17	4.19	5.16	6.12	7.08	8.04	9.01	9.99	11.00	11.00	5 / 3			
	reaction time	0.181	interval		1.13	1.02	0.97	0.96	0.96	0.96	0.97	0.98	1.01		# of strides	4.19	2.89	2.91
			velocity	4.90	8.85	9.80	10.31	10.42	10.42	10.42	10.31	10.20	9.90	9.09	50.0	7.16	10.38	10.31
Kambundji, Mujinga (SUI) (1992)	time			2.03	3.15	4.17	5.15	6.12	7.08	8.06	9.04	10.05	11.08	11.08	6 / 4			
	reaction time	0.134	interval		1.12	1.02	0.98	0.97	0.96	0.98	0.98	1.01	1.03		# of strides	4.17	2.91	2.97
			velocity	4.93	8.93	9.80	10.20	10.31	10.42	10.20	10.20	9.90	9.71	9.03	52.0	7.19	10.31	10.10
Forbes, Shashalee (JAM) (1996)	time			1.99	3.14	4.17	5.16	6.14	7.11	8.09	9.08	10.08	11.12	11.12	8 / 5			

reaction time	0.131	interval		1.15	1.03	0.99	0.98	0.97	0.98	0.99	1.00	1.04		# of strides	4.17	2.94	2.97
		velocity	5.03	8.70	9.71	10.10	10.20	10.31	10.20	10.10	10.00	9.62	8.99	51.0	7.19	10.20	10.10
Terry, Twanisha (USA) (1999)	time	2.03	3.17	4.20	5.19	6.16	7.14	8.11	9.11	10.11	11.13	11.13		3 / 6			
reaction time	0.153	interval		1.14	1.03	0.99	0.97	0.98	0.97	1.00	1.00	1.02		# of strides	4.20	2.94	2.97
		velocity	4.93	8.77	9.71	10.10	10.31	10.20	10.31	10.00	10.00	9.80	8.98	53.0	7.14	10.20	10.10
Hobbs, Zoe (NZL) (1997)	time	2.03	3.16	4.19	5.18	6.15	7.12	8.10	9.10	10.11	11.14	11.14		2 / 7			
reaction time	0.160	interval		1.13	1.03	0.99	0.97	0.97	0.98	1.00	1.01	1.03		# of strides	4.19	2.93	2.99
		velocity	4.93	8.85	9.71	10.10	10.31	10.31	10.20	10.00	9.90	9.71	8.98	51.0	7.16	10.24	10.03
Clark, Tamara (USA) (1999)	time	2.01	3.17	4.22	5.23	6.22	7.20	8.19	9.19	10.20	11.23	11.23		9 / 8			
reaction time	0.136	interval		1.16	1.05	1.01	0.99	0.98	0.99	1.00	1.01	1.03		# of strides	4.22	2.98	3.00
		velocity	4.98	8.62	9.52	9.90	10.10	10.20	10.10	10.00	9.90	9.71	8.90	52.2	7.11	10.07	10.00
Strachan, Anthonique (BAH) (1999)	time	2.06	3.22	4.27	5.28	6.28	7.27	8.28	9.29	10.31	11.39	11.39		7 / 9			
reaction time	0.155	interval		1.16	1.05	1.01	1.00	0.99	1.01	1.01	1.02	1.08		# of strides	4.27	3.00	3.04
		velocity	4.85	8.62	9.52	9.90	10.00	10.10	9.90	9.90	9.80	9.26	8.78	45.0	7.03	10.00	9.87

National FINAL

date	31-Aug-23	wind -0.1 m/s										Omega Timing (2023) - diamond league race analysis					
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
0.159	time	1.99	3.13	4.17	5.17	6.17	7.16	8.15	9.16	10.19	11.25	11.25	6 / 1				
	interval		1.14	1.04	1.00	1.00	0.99	0.99	1.01	1.03	1.06		# of strides	4.17	2.99	3.03	
	velocity	5.03	8.77	9.62	10.00	10.00	10.10	10.10	9.90	9.71	9.43	8.89		7.19	10.03	9.90	
0.153	time	2.07	3.22	4.26	5.27	6.26	7.25	8.25	9.27	10.30	11.35	11.35	7 / 2				
	interval		1.15	1.04	1.01	0.99	0.99	1.00	1.02	1.03	1.05		# of strides	4.26	2.99	3.05	
	velocity	4.83	8.70	9.62	9.90	10.10	10.10	10.00	9.80	9.71	9.52	8.81		7.04	10.03	9.84	
0.171	time	2.07	3.21	4.26	5.26	6.26	7.25	8.26	9.28	10.32	11.39	11.39	2 / 3				
	interval		1.14	1.05	1.00	1.00	0.99	1.01	1.02	1.04	1.07		# of strides	4.26	2.99	3.07	
	velocity	4.83	8.77	9.52	10.00	10.00	10.10	9.90	9.80	9.62	9.35	8.78		7.04	10.03	9.77	
0.161	time	2.03	3.19	4.23	5.24	6.24	7.25	8.26	9.29	10.34	11.42	11.42	5 / 4				
	interval		1.16	1.04	1.01	1.00	1.01	1.01	1.03	1.05	1.08		# of strides	4.23	3.02	3.09	
	velocity	4.93	8.62	9.62	9.90	10.00	9.90	9.90	9.71	9.52	9.26	8.76		7.09	9.93	9.71	
0.153	time	2.09	3.25	4.30	5.32	6.32	7.31	8.31	9.33	10.36	11.42	11.42	4 / 5				
	interval		1.16	1.05	1.02	1.00	0.99	1.00	1.02	1.03	1.06		# of strides	4.30	3.01	3.05	
	velocity	4.78	8.62	9.52	9.80	10.00	10.10	10.00	9.80	9.71	9.43	8.76		6.98	9.97	9.84	
0.151	time	2.08	3.24	4.29	5.29	6.28	7.28	8.28	9.31	10.36	11.43	11.43	1 / 6				
	interval		1.16	1.05	1.00	0.99	1.00	1.00	1.03	1.05	1.07		# of strides	4.29	2.99	3.08	
	velocity	4.81	8.62	9.52	10.00	10.10	10.00	10.00	9.71	9.52	9.35	8.75		6.99	10.03	9.74	
0.158	time	2.10	3.26	4.32	5.33	6.33	7.33	8.33	9.35	10.39	11.45	11.45	3 / 7				
	interval		1.16	1.06	1.01	1.00	1.00	1.00	1.02	1.04	1.06		# of strides	4.32	3.01	3.06	
	velocity	4.76	8.62	9.43	9.90	10.00	10.00	10.00	9.80	9.62	9.43	8.73		6.94	9.97	9.80	
0.162	time	2.10	3.29	4.35	5.37	6.38	7.38	8.39	9.41	10.44	11.49	11.49	9 / 8				
	interval		1.19	1.06	1.02	1.01	1.00	1.01	1.02	1.03	1.05		# of strides	4.35	3.03	3.06	
	velocity	4.76	8.40	9.43	9.80	9.90	10.00	9.90	9.80	9.71	9.52	8.70		6.90	9.90	9.80	
0.138	time	2.07	3.24	4.31	5.33	6.35	7.36	8.38	9.41	10.47	11.56	11.56	8 / 9				
	interval		1.17	1.07	1.02	1.02	1.01	1.02	1.03	1.06	1.09		# of strides	4.31	3.05	3.11	
	velocity	4.83	8.55	9.35	9.80	9.80	9.90	9.80	9.71	9.43	9.17	8.65		6.96	9.84	9.65	

National B FINAL

date	31-Aug-23	wind -0.2 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	
0.142	time	2.03	3.21	4.27	5.30	6.31	7.32	8.35	9.40	10.47	11.57	11.57	8 / 1				
	interval		1.18	1.06	1.03	1.01	1.01	1.03	1.05	1.07	1.10		# of strides	4.27	3.05	3.15	
	velocity	4.93	8.47	9.43	9.71	9.90	9.90	9.71	9.52	9.35	9.09	8.64		7.03	9.84	9.52	
0.147	time	2.09	3.28	4.34	5.37	6.39	7.39	8.41	9.44	10.50	11.58	11.58	7 / 2				
	interval		1.19	1.06	1.03	1.02	1.00	1.02	1.03	1.06	1.08		# of strides	4.34	3.05	3.11	
	velocity	4.78	8.40	9.43	9.71	9.80	10.00	9.80	9.71	9.43	9.26	8.64		6.91	9.84	9.65	
(2000)	time	2.09	3.29	4.37	5.42	6.45	7.48	8.53	9.59	10.67	11.79	11.79	5 / 3				
	interval		1.20	1.08	1.05	1.03	1.03	1.05	1.06	1.08	1.12		# of strides	4.37	3.11	3.19	
	velocity	4.78	8.33	9.26	9.52	9.71	9.71	9.52	9.43	9.26	8.93	8.48		6.86	9.65	9.40	
0.129	time	2.10	3.30	4.38	5.42	6.46	7.50	8.55	9.63	10.72	11.82	11.82	4 / 4				
	interval		1.20	1.08	1.04	1.04	1.04	1.05	1.08	1.09	1.10		# of strides	4.38	3.12	3.22	
	velocity	4.76	8.33	9.26	9.62	9.62	9.62	9.52	9.26	9.17	9.09	8.46		6.85	9.62	9.32	

Marjanen, Pirkitta (FIN) (2001)	time	2.14	3.33	4.42	5.47	6.50	7.55	8.62	9.69	10.80	11.91	11.91	1 / 5			
	reaction time	0.158	interval	1.19	1.09	1.05	1.03	1.05	1.07	1.07	1.11	1.11	# of strides	4.42	3.13	3.25
	velocity	4.67	8.40	9.17	9.52	9.71	9.52	9.35	9.35	9.01	9.01	8.40		6.79	9.58	9.23
Weiss, Lena (SUI) (1994)	time	2.08	3.27	4.36	5.41	6.46	7.51	8.57	9.66	10.77	11.93	11.93	6 / 6			
	reaction time	0.145	interval	1.19	1.09	1.05	1.05	1.05	1.06	1.09	1.11	1.16	# of strides	4.36	3.15	3.26
	velocity	4.81	8.40	9.17	9.52	9.52	9.52	9.43	9.17	9.01	8.62	8.38		6.88	9.52	9.20
Jensen, Christine Bjelland (NOR)	time	2.18	3.41	4.51	5.58	6.62	7.66	8.72	9.78	10.86	11.95	11.95	3 / 7			
	reaction time	0.175	interval	1.23	1.10	1.07	1.04	1.04	1.06	1.08	1.09		# of strides	4.51	3.15	3.20
	velocity	4.59	8.13	9.09	9.35	9.62	9.62	9.43	9.43	9.26	9.17	8.37		6.65	9.52	9.38
Becerra, Soraya (SUI) (2004)	time	2.16	3.37	4.46	5.53	6.59	7.65	8.72	9.81	10.92	12.03	12.03	2 / 8			
	reaction time	0.128	interval	1.21	1.09	1.07	1.06	1.06	1.07	1.09	1.11	1.11	# of strides	4.46	3.19	3.27
	velocity	4.63	8.26	9.17	9.35	9.43	9.43	9.35	9.17	9.01	9.01	8.31		6.73	9.40	9.17

2023 World Athletics Championships (Budapest, HUN)**FINAL**

NAME	date	21-Aug-23	wind -0.2 m/s								Official Time	Lane / Place			
			10m	20m	30m	40m	50m	60m	70m	80m			90m	100m	0-30m
Richardson, Sha'Carri (USA) (2001)	0.156	no information available								CR PB	10.65	9 / 1	# of strides	50.5	
Jackson, Shericka (JAM) (1994)	0.166	no information available									10.72	4 / 2	# of strides	47.5	
Fraser-Pryce, Shelly-Ann (JAM) (1988)	0.153	no information available									10.77	5 / 3	# of strides	50.5	
Ta Lou, Marie-Josée (CIV) (1988)	0.147	no information available									10.81	7 / 4	# of strides	49.7	
Alfred, Julien (LCA) (2001)	0.153	no information available									10.93	6 / 5	# of strides	49.0	
Swoboda, Ewa (POL) (1997)	0.151	no information available									10.97	1 / 6	# of strides	50.0	
Brown, Brittany (USA) (1995)	0.188	no information available									10.97	3 / 7	# of strides	49.0	
Asher-Smith, Dina (GBR) (1995)	0.146	no information available									11.00	2 / 8	# of strides	50.0	
Davis, Tamari (USA) (2003)	0.142	no information available									11.03	8 / 9	# of strides	47.5	

2023 Japanese National High School Championships (Sapporo, JPN)**FINAL**

	date	03-Aug-23	wind	-2.9 m/s													
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m 30-60m 60-90m
Yamagata, Aiha (JPN) (2005)	time	2.13	3.34	4.44	5.51	6.56	7.61	8.67	9.74	10.83	11.92	11.92	5 / 1				
	reaction time	0.238	interval	1.21	1.10	1.07	1.05	1.06	1.07	1.09	1.09		# of strides	4.44	3.17	3.22	
	velocity	4.69	8.26	9.09	9.35	9.52	9.52	9.43	9.35	9.17	9.17	8.39		6.76	9.46	9.32	
Shibafuji, Nao (JPN)	time	2.05	3.25	4.36	5.44	6.52	7.60	8.70	9.81	10.93	12.07	12.07	4 / 2				
	reaction time	0.210	interval	1.20	1.11	1.08	1.08	1.10	1.11	1.12	1.14		# of strides	4.36	3.24	3.33	
	velocity	4.88	8.33	9.01	9.26	9.26	9.26	9.09	9.01	8.93	8.77	8.29		6.88	9.26	9.01	
Shibato, Rin (JPN) (2005)	time	2.08	3.30	4.42	5.51	6.58	7.67	8.75	9.85	10.95	12.07	12.07	7 / 3				
	reaction time	0.193	interval	1.22	1.12	1.09	1.07	1.09	1.08	1.10	1.12		# of strides	4.42	3.25	3.28	
	velocity	4.81	8.20	8.93	9.17	9.35	9.17	9.26	9.09	9.09	8.93	8.29		6.79	9.23	9.15	
Yasuzu, Chiba (JPN)	time	2.15	3.37	4.48	5.56	6.64	7.71	8.80	9.90	11.02	12.16	12.16	9 / 4				
	reaction time	0.196	interval	1.22	1.11	1.08	1.08	1.07	1.09	1.10	1.12	1.14	# of strides	4.48	3.23	3.31	
	velocity	4.65	8.20	9.01	9.26	9.26	9.35	9.17	9.09	8.93	8.77	8.22		6.70	9.29	9.06	
Morimoto, Misaki (JPN) (2005)	time	2.12	3.33	4.45	5.53	6.61	7.70	8.81	9.93	11.07	12.23	12.23	2 / 5				
	reaction time	0.206	interval	1.21	1.12	1.08	1.08	1.09	1.11	1.12	1.14	1.16	# of strides	4.45	3.25	3.37	
	velocity	4.72	8.26	8.93	9.26	9.26	9.17	9.01	8.93	8.77	8.62	8.18		6.74	9.23	8.90	
Okada, Midori (JPN)	time	2.13	3.37	4.50	5.59	6.67	7.76	8.85	9.97	11.10	12.26	12.26	6 / 6				
	reaction time	0.194	interval	1.24	1.13	1.09	1.08	1.09	1.12	1.13	1.16		# of strides	4.50	3.26	3.34	
	velocity	4.69	8.06	8.85	9.17	9.26	9.17	9.17	8.93	8.85	8.62	8.16		6.67	9.20	8.98	
Narita, Shuri (JPN)	time	2.12	3.35	4.48	5.58	6.67	7.78	8.89	10.02	11.16	12.33	12.33	3 / 7				
	reaction time	0.204	interval	1.23	1.13	1.10	1.09	1.11	1.11	1.13	1.14	1.17	# of strides	4.48	3.30	3.38	
	velocity	4.72	8.13	8.85	9.09	9.17	9.01	9.01	8.85	8.77	8.55	8.11		6.70	9.09	8.88	
Mochino, Tsuneishi (JPN)	time	2.18	3.42	4.56	5.66	6.76	7.85	8.96	10.07	11.20	12.35	12.35	8 / 8				
	reaction time	0.183	interval	1.24	1.14	1.10	1.10	1.09	1.11	1.11	1.13	1.15	# of strides	4.56	3.29	3.35	
	velocity	4.59	8.06	8.77	9.09	9.09	9.17	9.01	9.01	8.85	8.70	8.10		6.58	9.12	8.96	

2023 London Athletics Meet (London, GBR)**FINAL**

	date	23-Jul-23	wind	1.2 m/s													
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m 30-60m 60-90m
Ta Lou, Marie-Josée (CIV) (1988)	time	1.98	3.09	4.10	5.06	5.99	6.92	7.85	8.80	9.76	10.75	10.75	5 / 1				
	reaction time	0.146	interval	1.11	1.01	0.96	0.93	0.93	0.95	0.96	0.99		# of strides	4.10	2.82	2.84	
	velocity	5.05	9.01	9.90	10.42	10.75	10.75	10.75	10.53	10.42	10.10	9.30		49.5	7.32	10.64	10.56
Asher-Smith, Dina (GBR) (1995)	time	1.98	3.08	4.08	5.04	5.99	6.93	7.88	8.85	9.84	10.85	10.85	3 / 2				
	reaction time	0.144	interval	1.10	1.00	0.96	0.95	0.94	0.95	0.97	0.99	1.01	# of strides	4.08	2.85	2.91	
	velocity	5.05	9.09	10.00	10.42	10.53	10.64	10.53	10.31	10.10	9.90	9.22		49.0	7.35	10.53	10.31

Jackson, Shericka (JAM) (1994)	time	2.02	3.12	4.13	5.10	6.06	7.01	7.96	8.94	9.92	10.94	10.94	4 / 3			
	reaction time	0.155	interval	1.10	1.01	0.97	0.96	0.95	0.95	0.98	0.98	1.02	# of strides	4.13	2.88	2.91
	velocity	4.95	9.09	9.90	10.31	10.42	10.53	10.53	10.20	10.20	9.80	9.14	48.0	7.26	10.42	10.31
Neita, Daryll (GBR) (1996)	time	2.02	3.14	4.16	5.13	6.09	7.04	8.00	8.97	9.95	10.96	10.96	6 / 4			
	reaction time	0.144	interval	1.12	1.02	0.97	0.96	0.95	0.96	0.97	0.98	1.01	# of strides	4.16	2.88	2.91
	velocity	4.95	8.93	9.80	10.31	10.42	10.53	10.42	10.31	10.20	9.90	9.12	47.7	7.21	10.42	10.31
Hobbs, Aleia (USA) (1996)	time	2.00	3.11	4.14	5.12	6.08	7.04	8.00	8.97	9.97	10.99	10.99	1 / 5			
	reaction time	0.140	interval	1.11	1.03	0.98	0.96	0.96	0.96	1.00	1.02		# of strides	4.14	2.90	2.93
	velocity	5.00	9.01	9.71	10.20	10.42	10.42	10.42	10.31	10.00	9.80	9.10	50.0	7.25	10.34	10.24
Terry, Twanisha (USA) (1999)	time	2.01	3.15	4.17	5.15	6.10	7.05	8.01	8.98	9.97	10.99	10.99	2 / 6			
	reaction time	0.154	interval	1.14	1.02	0.98	0.95	0.95	0.96	0.97	0.99	1.02	# of strides	4.17	2.88	2.92
	velocity	4.98	8.77	9.80	10.20	10.53	10.53	10.42	10.31	10.10	9.80	9.10	51.0	7.19	10.42	10.27
Jefferson, Melissa (USA) (2001)	time	2.01	3.16	4.19	5.19	6.16	7.13	8.10	9.08	10.07	11.09	11.09	8 / 7			
	reaction time	0.154	interval	1.15	1.03	1.00	0.97	0.97	0.98	0.99	1.02		# of strides	4.19	2.94	2.94
	velocity	4.98	8.70	9.71	10.00	10.31	10.31	10.31	10.20	10.10	9.80	9.02	53.0	7.16	10.20	10.20
Strachan, Anthonique (BAH) (1999)	time	2.03	3.16	4.20	5.19	6.17	7.13	8.11	9.09	10.10	11.13	11.13	7 / 8			
	reaction time	0.147	interval	1.13	1.04	0.99	0.98	0.96	0.98	0.98	1.01	1.03	# of strides	4.20	2.93	2.97
	velocity	4.93	8.85	9.62	10.10	10.20	10.42	10.20	10.20	9.90	9.71	8.98	44.0	7.14	10.24	10.10

2023 Kamila Skolimowska Memorial (Silesia, POL)**FINAL**

date 16-Jul-23

wind 0.2 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
Richardson, Sha'Carri (USA) (2001)	time	2.04	3.14	4.15	5.11	6.05	6.98	7.91	8.84	9.79	10.76	10.76	6 / 1			
	reaction time	0.183	interval	1.10	1.01	0.96	0.94	0.93	0.93	0.95	0.97		# of strides	4.15	2.83	2.81
	velocity	4.90	9.09	9.90	10.42	10.64	10.75	10.75	10.75	10.53	10.31	9.29	50.0	7.23	10.60	10.68
Jackson, Shericka (JAM) (1994)	time	1.99	3.10	4.09	5.05	5.99	6.94	7.88	8.83	9.79	10.78	10.78	5 / 2			
	reaction time	0.149	interval	1.11	0.99	0.96	0.94	0.95	0.94	0.95	0.96	0.99	# of strides	4.09	2.85	2.85
	velocity	5.03	9.01	10.10	10.42	10.64	10.53	10.64	10.53	10.42	10.10	9.28	48.0	7.33	10.53	10.53
Swoboda, Ewa (POL) (1997)	time	1.96	3.08	4.10	5.08	6.04	7.00	7.96	8.93	9.92	10.94	10.94	4 / 3			
	reaction time	0.137	interval	1.12	1.02	0.98	0.96	0.96	0.96	0.97	0.99	1.02	PB # of strides	4.10	2.90	2.92
	velocity	5.10	8.93	9.80	10.20	10.42	10.42	10.42	10.31	10.10	9.80	9.14	50.0	7.32	10.34	10.27
Terry, Twanisha (USA) (1999)	time	2.04	3.16	4.18	5.16	6.11	7.07	8.02	8.98	9.97	10.99	10.99	1 / 4			
	reaction time	0.164	interval	1.12	1.02	0.98	0.95	0.96	0.95	0.96	0.99	1.02	# of strides	4.18	2.89	2.90
	velocity	4.90	8.93	9.80	10.20	10.53	10.42	10.53	10.42	10.10	9.80	9.10	52.0	7.18	10.38	10.34
Neita, Daryll (GBR) (1996)	time	1.99	3.12	4.15	5.13	6.08	7.04	8.01	8.98	9.97	11.01	11.01	7 / 5			
	reaction time	0.141	interval	1.13	1.03	0.98	0.95	0.96	0.97	0.99	1.04		# of strides	4.15	2.89	2.93
	velocity	5.03	8.85	9.71	10.20	10.53	10.42	10.31	10.31	10.10	9.62	9.08	47.7	7.23	10.38	10.24
Strachan, Anthonique (BAH) (1999)	time	2.04	3.18	4.20	5.20	6.16	7.13	8.10	9.06	10.04	11.05	11.05	3 / 6			
	reaction time	0.141	interval	1.14	1.02	1.00	0.96	0.97	0.97	0.96	0.98	1.01	# of strides	4.20	2.93	2.91
	velocity	4.90	8.77	9.80	10.00	10.42	10.31	10.31	10.42	10.20	9.90	9.05	44.0	7.14	10.24	10.31
Lückenkemper, Gina (GER) (1996)	time	2.08	3.22	4.25	5.24	6.20	7.16	8.12	9.09	10.07	11.09	11.09	8 / 7			
	reaction time	0.188	interval	1.14	1.03	0.99	0.96	0.96	0.96	0.97	0.98	1.02	# of strides	4.25	2.91	2.91
	velocity	4.81	8.77	9.71	10.10	10.42	10.42	10.42	10.31	10.20	9.80	9.02	49.5	7.06	10.31	10.31
Hobbs, Zoe (NZL) (1997)	time	2.03	3.15	4.18	5.17	6.14	7.11	8.09	9.09	10.11	11.15	11.15	2 / 8			
	reaction time	0.167	interval	1.12	1.03	0.99	0.97	0.97	0.98	1.00	1.02	1.04	# of strides	4.18	2.93	3.00
	velocity	4.93	8.93	9.71	10.10	10.31	10.31	10.20	10.00	9.80	9.62	8.97	50.5	7.18	10.24	10.00
Forbes, Shashalee (JAM) (1996)	time	2.02	3.15	4.19	5.18	6.17	7.15	8.13	9.13	10.14	11.18	11.18	9 / 9			
	reaction time	0.143	interval	1.13	1.04	0.99	0.99	0.98	0.98	1.00	1.01	1.04	# of strides	4.19	2.96	2.99
	velocity	4.95	8.85	9.62	10.10	10.10	10.20	10.20	10.00	9.90	9.62	8.94	51.2	7.16	10.14	10.03

2023 Athletissima (Lausanne, SUI)**FINAL**

date 30-Jun-23

wind -0.8 m/s

Omega Timing (2023) - diamond league race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ta Lou, Marie-Josée (CIV) (1988)	time	1.97	3.10	4.11	5.08	6.03	6.99	7.94	8.90	9.88	10.88	10.88	5 / 1			
	reaction time	0.132	interval	1.13	1.01	0.97	0.95	0.96	0.95	0.96	0.98	1.00	# of strides	4.11	2.88	2.89
	velocity	5.08	8.85	9.90	10.31	10.53	10.42	10.53	10.42	10.20	10.00	9.19	50.5	7.30	10.42	10.38
Neita, Daryll (GBR) (1996)	time	2.02	3.16	4.18	5.17	6.14	7.10	8.07	9.05	10.04	11.07	11.07	3 / 2			
	reaction time	0.135	interval	1.14	1.02	0.99	0.97	0.96	0.97	0.98	0.99	1.03	# of strides	4.18	2.92	2.94
	velocity	4.95	8.77	9.80	10.10	10.31	10.42	10.31	10.20	10.10	9.71	9.03	48.0	7.18	10.27	10.20

Lückenkemper, Gina (GER) (1996)	time	2.06	3.20	4.23	5.23	6.20	7.17	8.15	9.13	10.14	11.17	11.17	4 / 3			
	reaction time	0.198	interval	1.14	1.03	1.00	0.97	0.97	0.98	0.98	1.01	1.03	# of strides	4.23	2.94	2.97
	velocity	4.85	8.77	9.71	10.00	10.31	10.31	10.20	10.20	9.90	9.71	8.95	49.5	7.09	10.20	10.10
Swoboda, Ewa (POL) (1997)	time	1.99	3.11	4.14	5.14	6.12	7.10	8.08	9.09	10.11	11.17	11.17	2 / 4			
	reaction time	0.144	interval	1.12	1.03	1.00	0.98	0.98	0.98	1.01	1.02	1.06	# of strides	4.14	2.96	3.01
	velocity	5.03	8.93	9.71	10.00	10.20	10.20	10.20	9.90	9.80	9.43	8.95	50.5	7.25	10.14	9.97
Hobbs, Aleia (USA) (1996)	time	2.02	3.15	4.17	5.16	6.15	7.13	8.12	9.13	10.16	11.20	11.20	7 / 5			
	reaction time	0.173	interval	1.13	1.02	0.99	0.98	0.99	1.01	1.03	1.04		# of strides	4.17	2.96	3.03
	velocity	4.95	8.85	9.80	10.10	10.10	10.20	10.10	9.90	9.71	9.62	8.93	51.0	7.19	10.14	9.90
Lansiquot, Imani (GBR) (1997)	time	2.03	3.18	4.24	5.24	6.22	7.20	8.18	9.17	10.19	11.24	11.24	8 / 6			
	reaction time	0.136	interval	1.15	1.06	1.00	0.98	0.98	0.99	1.02	1.05		# of strides	4.24	2.96	2.99
	velocity	4.93	8.70	9.43	10.00	10.20	10.20	10.20	10.10	9.80	9.52	8.90	48.0	7.08	10.14	10.03
Ahouré-Demps, Murielle (CIV) (1996)	time	2.02	3.17	4.21	5.21	6.21	7.20	8.20	9.20	10.22	11.27	11.27	1 / 7			
	reaction time	0.145	interval	1.15	1.04	1.00	1.00	0.99	1.00	1.02	1.05		# of strides	4.21	2.99	3.02
	velocity	4.95	8.70	9.62	10.00	10.00	10.10	10.00	10.00	9.80	9.52	8.87	51.0	7.13	10.03	9.93
Kambundji, Mujinga (SUI) (1992)	time	2.03	3.17	4.21	5.21	6.21	7.21	8.23	9.25	10.30	11.41	11.41	6 / 8			
	reaction time	0.136	interval	1.14	1.04	1.00	1.00	1.02	1.02	1.05	1.11		# of strides	4.21	3.00	3.09
	velocity	4.93	8.77	9.62	10.00	10.00	10.00	9.80	9.80	9.52	9.01	8.76	52.7	7.13	10.00	9.71

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

FINAL

	date	27-Jun-23	wind	0.4 m/s													Shandong Athletics Sport Science (2023)		
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wei Yongli (CHN) (1991)	time				2.08	3.20	4.24	5.24	6.22	7.21	8.23	9.26	10.34	11.42	11.42	4 / 1			
	reaction time	0.193	interval			1.12	1.04	1.00	0.98	0.99	1.02	1.03	1.08	1.08		# of strides	4.24	2.97	3.13
	velocity				4.81	8.93	9.62	10.00	10.20	10.10	9.80	9.71	9.26	9.26	8.76	49.5	7.08	10.10	9.58
Ge Manqi (CHN) (1997)	time				2.05	3.18	4.24	5.24	6.26	7.25	8.27	9.29	10.36	11.44	11.44	6 / 2			
	reaction time	0.173	interval			1.13	1.06	1.00	1.02	0.99	1.02	1.02	1.07	1.08		# of strides	4.24	3.01	3.11
	velocity				4.88	8.85	9.43	10.00	9.80	10.10	9.80	9.80	9.35	9.26	8.74	51.0	7.08	9.97	9.65
Yuan Qiqi (CHN) (1995)	time				2.12	3.26	4.32	5.32	6.31	7.30	8.31	9.34	10.38	11.45	11.45	8 / 3			
	reaction time	0.207	interval			1.14	1.06	1.00	0.99	0.99	1.01	1.03	1.04	1.07		# of strides	4.32	2.98	3.08
	velocity				4.72	8.77	9.43	10.00	10.10	10.10	9.90	9.71	9.62	9.35	8.73	58.2	6.94	10.07	9.74
Huang Guifen (CHN) (1997)	time				2.08	3.21	4.27	5.31	6.30	7.30	8.33	9.36	10.41	11.48	11.48	7 / 4			
	reaction time	0.184	interval			1.13	1.06	1.04	0.99	1.00	1.03	1.03	1.05	1.07		# of strides	4.27	3.03	3.11
	velocity				4.81	8.85	9.43	9.62	10.10	10.00	9.71	9.71	9.52	9.35	8.71	49.0	7.03	9.90	9.65
Li Yuting (CHN) (2002)	time				2.13	3.25	4.30	5.34	6.33	7.34	8.35	9.38	10.43	11.50	11.50	3 / 5			
	reaction time	0.234	interval			1.12	1.05	1.04	0.99	1.01	1.01	1.03	1.05	1.07		# of strides	4.30	3.04	3.09
	velocity				4.69	8.93	9.52	9.62	10.10	9.90	9.90	9.71	9.52	9.35	8.70	48.0	6.98	9.87	9.71
Liao Xiaojing (CHN) (1997)	time				2.03	3.15	4.20	5.22	6.23	7.22	8.24	9.30	10.41	11.53	11.53	5 / 6			
	reaction time	0.162	interval			1.12	1.05	1.02	1.01	0.99	1.02	1.06	1.11	1.12		# of strides	4.20	3.02	3.19
	velocity				4.93	8.93	9.52	9.80	9.90	10.10	9.80	9.43	9.01	8.93	8.67	55.0	7.14	9.93	9.40
Liu Guoyi (CHN) (2004)	time				2.13	3.30	4.39	5.41	6.45	7.45	8.50	9.55	10.63	11.75	11.75	2 / 7			
	reaction time	0.207	interval			1.17	1.09	1.02	1.04	1.00	1.05	1.05	1.08	1.12		# of strides	4.39	3.06	3.18
	velocity				4.69	8.55	9.17	9.80	9.62	10.00	9.52	9.52	9.26	8.93	8.51	51.0	6.83	9.80	9.43

Heat 3

	date	27-Jun-23	wind	0.3 m/s													Shandong Athletics Sport Science (2023)		
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ge Manqi (CHN) (1997)	time				2.05	3.21	4.27	5.31	6.33	7.36	8.36	9.41	10.47	11.57	11.57	7 / 1			
	reaction time	0.179	interval			1.16	1.06	1.04	1.02	1.03	1.00	1.05	1.06	1.10		# of strides	4.27	3.09	3.11
	velocity				4.88	8.62	9.43	9.62	9.80	9.71	10.00	9.52	9.43	9.09	8.64	51.7	7.03	9.71	9.65
Li Yuting (CHN) (2002)	time				2.13	3.30	4.36	5.41	6.42	7.44	8.45	9.48	10.54	11.62	11.62	4 / 2			
	reaction time	0.238	interval			1.17	1.06	1.05	1.01	1.02	1.01	1.03	1.06	1.08		# of strides	4.36	3.08	3.10
	velocity				4.69	8.55	9.43	9.52	9.90	9.80	9.90	9.71	9.43	9.26	8.61	49.0	6.88	9.74	9.68

Heat 2

	date	27-Jun-23	wind	1.4 m/s													Shandong Athletics Sport Science (2023)		
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Huang Guifen (CHN) (1997)	time				2.09	3.25	4.30	5.32	6.35	7.34	8.35	9.37	10.41	11.50	11.50	6 / 1			
	reaction time	0.189	interval			1.16	1.05	1.02	1.03	0.99	1.01	1.02	1.04	1.09		# of strides	4.30	3.04	3.07
	velocity				4.78	8.62	9.52	9.80	9.71	10.10	9.90	9.80	9.62	9.17	8.70	49.5	6.98	9.87	9.77
Liao Xiaojing (CHN) (1997)	time				2.07	3.20	4.25	5.27	6.28	7.29	8.30	9.34	10.39	11.50	11.50	4 / 2			
	reaction time	0.204	interval			1.13	1.05	1.02	1.01	1.01	1.01	1.04	1.05	1.11		# of strides	4.25	3.04	3.10
	velocity				4.83	8.85	9.52	9.80	9.90	9.90	9.90	9.62	9.52	9.01	8.70	55.0	7.06	9.87	9.68

Lin Yuwei (CHN) (1999)	time	2.09	3.26	4.34	5.36	6.38	7.38	8.39	9.43	10.48	11.57	11.57	9 / 3				
	reaction time	0.163	interval	1.17	1.08	1.02	1.02	1.00	1.01	1.04	1.05	1.09	PB	# of strides	4.34	3.04	3.10
	velocity	4.78	8.55	9.26	9.80	9.80	10.00	9.90	9.62	9.52	9.17	8.64	48.7	6.91	9.87	9.68	

Liu Guoyi (CHN) (2004)	time	2.07	3.23	4.32	5.34	6.38	7.38	8.42	9.46	10.49	11.59	11.59	7 / 4			
	reaction time 0.185 interval		1.16	1.09	1.02	1.04	1.00	1.04	1.04	1.03	1.10	PB	# of strides	4.32	3.06	3.11
	velocity	4.83	8.62	9.17	9.80	9.62	10.00	9.62	9.62	9.71	9.09	8.63	51.0	6.94	9.80	9.65

Heat 1

date 27-Jun-23 wind 0.8 m/s Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wei Yongli (CHN) (1991)	time	2.10	3.23	4.29	5.29	6.28	7.27	8.27	9.29	10.34	11.43	11.43	5 / 1			
	reaction time	0.198	interval	1.13	1.06	1.00	0.99	0.99	1.00	1.02	1.05	1.09	# of strides	4.29	2.98	3.07
	velocity	4.76	8.85	9.43	10.00	10.10	10.10	10.00	9.80	9.52	9.17	8.75	49.5	6.99	10.07	9.77
Yuan Qiqi (CHN) (1995)	time	2.15	3.30	4.35	5.38	6.38	7.39	8.40	9.46	10.51	11.59	11.59	4 / 2			
	reaction time	0.199	interval	1.15	1.05	1.03	1.00	1.01	1.01	1.06	1.05	1.08	# of strides	4.35	3.04	3.12
	velocity	4.65	8.70	9.52	9.71	10.00	9.90	9.90	9.43	9.52	9.26	8.63	59.0	6.90	9.87	9.62

2023 Chinese National Grand Prix 5 (Huangshi, CHN)

Semi-Final 2

date 09-Jun-23 wind -0.2 m/s Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yan Qingyan (CHN) (2000)	time	2.11	3.29	4.37	5.42	6.45	7.49	8.55	9.63	10.73	11.87	11.87	3 / 1			
	reaction time	0.270	interval	1.18	1.08	1.05	1.03	1.04	1.06	1.08	1.10	1.14	# of strides	4.37	3.12	3.24
	velocity	4.74	8.47	9.26	9.52	9.71	9.62	9.43	9.26	9.09	8.77	8.42	54.0	6.86	9.62	9.26
Cai Yanting (CHN) (2000)	time	2.11	3.32	4.44	5.49	6.53	7.57	8.63	9.68	10.76	11.88	11.88	7 / 2			
	reaction time	0.189	interval	1.21	1.12	1.05	1.04	1.04	1.06	1.05	1.08	1.12	# of strides	4.44	3.13	3.19
	velocity	4.74	8.26	8.93	9.52	9.62	9.62	9.43	9.52	9.26	8.93	8.42	51.5	6.76	9.58	9.40
Ma Chengna (CHN) (2000)	time	2.15	3.32	4.40	5.45	6.48	7.51	8.56	9.65	10.76	11.91	11.91	5 / 3			
	reaction time	0.203	interval	1.17	1.08	1.05	1.03	1.03	1.05	1.09	1.11	1.15	# of strides	4.40	3.11	3.25
	velocity	4.65	8.55	9.26	9.52	9.71	9.71	9.52	9.17	9.01	8.70	8.40	51.7	6.82	9.65	9.23
Xu Zihan (CHN) (2004)	time	2.11	3.31	4.42	5.51	6.60	7.69	8.79	9.92	11.06	12.24	12.24	2 / 8			
	reaction time	0.215	interval	1.20	1.11	1.09	1.09	1.09	1.10	1.13	1.14	1.18	# of strides	4.42	3.27	3.37
	velocity	4.74	8.33	9.01	9.17	9.17	9.17	9.09	8.85	8.77	8.47	8.17	57.0	6.79	9.17	8.90

Heat 5

date 09-Jun-23 wind 0.1 m/s Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Pan Yue (CHN) (2003)	time		3.29	4.40	5.45	6.51	7.57	8.64	9.71	10.84	11.98	11.98	4 / 1			
	reaction time	0.207	interval		1.11	1.05	1.06	1.07	1.07	1.13	1.14		# of strides	4.40	3.17	3.27
	velocity		6.08	9.01	9.52	9.43	9.43	9.35	9.35	8.85	8.77	8.35	51.7	6.82	9.46	9.17
Li He (CHN) (2001)	time	2.11	3.28	4.37	5.43	6.48	7.53	8.62	9.71	10.84	11.99	11.99	7 / 2			
	reaction time	0.213	interval	1.17	1.09	1.06	1.05	1.05	1.09	1.09	1.13	1.15	# of strides	4.37	3.16	3.31
	velocity	4.74	8.55	9.17	9.43	9.52	9.52	9.17	9.17	8.85	8.70	8.34	54.2	6.86	9.49	9.06
Xu Zihan (CHN) (2004)	time	2.11	3.29	4.40	5.50	6.60	7.68	8.79	9.91	11.05	12.22	12.22	8 / 5			
	reaction time	0.171	interval	1.18	1.11	1.10	1.10	1.08	1.11	1.12	1.14	1.17	# of strides	4.40	3.28	3.37
	velocity	4.74	8.47	9.01	9.09	9.09	9.26	9.01	8.93	8.77	8.55	8.18	57.0	6.82	9.15	8.90

2023 FBK Games (Hengelo, NED)

FINAL

date 04-Jun-23 wind -0.1 m/s Omega Timing (2023) - continental tour race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Neita, Daryll (GBR) (1996)	time	2.09	3.22	4.24	5.21	6.17	7.12	8.08	9.04	10.03	11.05	11.05	4 / 1			
	reaction time		interval	1.13	1.02	0.97	0.96	0.95	0.96	0.99	1.02		# of strides	4.24	2.88	2.91
	velocity	4.78	8.85	9.80	10.31	10.42	10.53	10.42	10.42	10.10	9.80	9.05	47.7	7.08	10.42	10.31
Hemida, Bassant (EGY) (1996)	time	2.00	3.15	4.19	5.18	6.16	7.13	8.11	9.10	10.11	11.16	11.16	5 / 2			
	reaction time		interval	1.15	1.04	0.99	0.98	0.97	0.98	1.01	1.05		# of strides	4.19	2.94	2.98
	velocity	5.00	8.70	9.62	10.10	10.20	10.31	10.20	10.10	9.90	9.52	8.96	52.7	7.16	10.20	10.07
Rosa, Vitoria Cristina (BRA) (1999)	time	2.00	3.15	4.18	5.18	6.17	7.14	8.13	9.12	10.13	11.18	11.18	8 / 3			
	reaction time		interval	1.15	1.03	1.00	0.99	0.97	0.99	1.01	1.05		# of strides	4.18	2.96	2.99
	velocity	5.00	8.70	9.71	10.00	10.10	10.31	10.10	10.10	9.90	9.52	8.94	49.0	7.18	10.14	10.03
Sturgis, Cambrea (USA) (1999)	time	2.03	3.17	4.20	5.20	6.18	7.15	8.14	9.14	10.15	11.20	11.20	2 / 4			
	reaction time		interval	1.14	1.03	1.00	0.98	0.97	0.99	1.00	1.01	1.05	# of strides	4.20	2.95	3.00
	velocity	4.93	8.77	9.71	10.00	10.20	10.31	10.10	10.00	9.90	9.52	8.93	51.0	7.14	10.17	10.00
Seedo, N'Ketia (NED) (2003)	time	2.02	3.16	4.19	5.19	6.17	7.14	8.13	9.13	10.15	11.22	11.22	6 / 5			
	reaction time		interval	1.14	1.03	1.00	0.98	0.97	0.99	1.00	1.02	1.07	# of strides	4.19	2.95	3.01
	velocity	4.95	8.77	9.71	10.00	10.20	10.31	10.10	10.00	9.80	9.35	8.91	52.0	7.16	10.17	9.97

Li Renyuan (CHN) (1997)	time	2.15	3.34	4.42	5.49	6.56	7.61	8.68	9.77	10.86	12.01	12.01	4 / 2			
	reaction time	interval	1.19	1.08	1.07	1.07	1.05	1.07	1.09	1.09	1.15		# of strides	4.42	3.19	3.25
	velocity	4.65	8.40	9.26	9.35	9.35	9.52	9.35	9.17	9.17	8.70	8.33	52.0	6.79	9.40	9.23
Xu Zihan (CHN) (2004)	time	2.17	3.39	4.50	5.59	6.70	7.79	8.91	10.04	11.19	12.36	12.36	6 / 2			
	reaction time	interval	1.22	1.11	1.09	1.11	1.09	1.12	1.13	1.15	1.17		# of strides	4.50	3.29	3.40
	velocity	4.61	8.20	9.01	9.17	9.01	9.17	8.93	8.85	8.70	8.55	8.09	57.0	6.67	9.12	8.82

Heat 1

date 02-Jun-23		wind -0.8 m/s												Shandong Athletics Sport Science (2023)		
Li Yuting (CHN) (2002)	time	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
	reaction time	2.17	3.33	4.40	5.44	6.48	7.51	8.52	9.59	10.67	11.77	11.77	4 / 1			
	interval		1.16	1.07	1.04	1.04	1.03	1.01	1.07	1.08	1.10		# of strides	4.40	3.11	3.16
Ma Huixin (CHN) (2003)	time	4.61	8.62	9.35	9.62	9.62	9.71	9.90	9.35	9.26	9.09	8.50	47.5	6.82	9.65	9.49
	velocity															
Ma Huixin (CHN) (2003)	time	2.10	3.27	4.34	5.38	6.42	7.46	8.49	9.56	10.68	11.79	11.79	5 / 2			
	reaction time	interval	1.17	1.07	1.04	1.04	1.04	1.03	1.07	1.12	1.11		# of strides	4.34	3.12	3.22
	velocity	4.76	8.55	9.35	9.62	9.62	9.62	9.71	9.35	8.93	9.01	8.48	53.0	6.91	9.62	9.32

2023 Shimane High School Championships (Izumo, JPN)

FINAL

date 27-May-23		wind 2.1 m/s												Shimizu (2023) - shimane high school championships 2023 - biomechanics data analysis		
Bessho, Miyu (JPN) (2007)	time	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
	reaction time			4.42			7.67			10.92	12.09	12.09	6 / 1			
	interval						3.25			3.25	1.17		# of strides	4.42	3.25	3.25
Nagaoka, Risa (JPN) (2008)	time															
	reaction time															
	interval															
Ishikura, Tamaki (JPN) (2005)	time			4.45			7.72			10.98	12.13	12.13	3 / 2			
	reaction time						3.27			3.26	1.15		# of strides	4.45	3.27	3.26
	velocity			6.74			9.17			9.20	8.70	8.24	53.7	6.74	9.17	9.20
Kazuka, Esumi (JPN)	time															
	reaction time															
	interval															
Tamaki, Mayu (JPN)	time															
	reaction time															
	interval															
Nozomi, Ishibashi (JPN)	time															
	reaction time															
	interval															
Nagaoka, Mei (JPN)	time															
	reaction time															
	interval															
Noda, Iyo (JPN)	time															
	reaction time															
	interval															

2023 Chinese National Grand Prix 3 (Taizhou, CHN)

Heat 2

date 26-May-23		wind -1.0 m/s												Shandong Athletics Sport Science (2023)		
Liao Mengxue (CHN) (1995)	time	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
	reaction time	0.160														
	interval															
Huang Guifen (CHN) (1997)	time	2.04	3.18	4.24	5.26	6.28	7.31	8.35	9.43	10.54	11.64	11.64	5 / 1			
	reaction time	0.160														
	interval															
Lin Xinyi (CHN) (2001)	time	4.90	8.77	9.43	9.80	9.80	9.71	9.62	9.26	9.01	9.09	8.59	# of strides	4.24	3.07	3.23
	velocity															
Huang Guifen (CHN) (1997)	time	2.08	3.25	4.35	5.38	6.42	7.42	8.46	9.52	10.60	11.71	11.71	3 / 2			
	reaction time	0.179														
	interval															
Xu Zihan (CHN) (2004)	time	4.81	8.55	9.09	9.71	9.62	10.00	9.62	9.43	9.26	9.01	8.54	# of strides	4.35	3.07	3.18
	velocity															
Lin Xinyi (CHN) (2001)	time	2.12	3.27	4.37	5.42	6.46	7.49	8.55	9.63	10.74	11.86	11.86	6 / 3			
	reaction time	0.153														
	interval															
Xu Zihan (CHN) (2004)	time	4.72	8.70	9.09	9.52	9.62	9.71	9.43	9.26	9.01	8.93	8.43	# of strides	4.37	3.12	3.25
	velocity															
Xu Zihan (CHN) (2004)	time	2.12	3.27	4.40	5.47	6.55	7.62	8.72	9.85	10.98	12.15	12.15	7 / 5			
	reaction time	0.163														
	interval															
Xu Zihan (CHN) (2004)	time	4.72	8.70	8.85	9.35	9.26	9.35	9.09	8.85	8.85	8.55	8.23	# of strides	4.40	3.22	3.36
	velocity															

2023 Chinese National Grand Prix 1 (Rizhao, CHN)

Heat 2

date 26-Apr-23		wind 1.1 m/s												Shandong Athletics Sport Science (2023)		
----------------	--	--------------	--	--	--	--	--	--	--	--	--	--	--	---	--	--

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zhang Man (CHN) (1997)	time	2.13	3.31	4.42	5.49	6.53	7.61	8.69	9.79	10.89	12.06	12.06	5 / 1			
	reaction time	0.216											# of strides	4.42	3.19	3.28
	velocity	4.69	8.47	9.01	9.35	9.62	9.26	9.26	9.09	9.09	8.55	8.29	52.5	6.79	9.40	9.15
Zhang Yuexin (CHN) (2005)	time	2.17	3.37	4.52	5.62	6.71	7.80	8.91	10.03	11.19	12.35	12.35	8 / 7			
	reaction time	0.147											# of strides	4.52	3.28	3.39
	velocity	4.61	8.33	8.70	9.09	9.17	9.17	9.01	8.93	8.62	8.62	8.10	56.5	6.64	9.15	8.85

Heat 1

date 26-Apr-23

wind -0.5 m/s

Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kong Lingyao (CHN) (1997)	time	2.07	3.24	4.39	5.45	6.50	7.55	8.60	9.70	10.78	11.94	11.94	6 / 1			
	reaction time	0.156											# of strides	4.39	3.16	3.23
	velocity	4.83	8.55	8.70	9.43	9.52	9.52	9.52	9.09	9.26	8.62	8.38	52.0	6.83	9.49	9.29
Ding Chao (CHN) (1996)	time	2.07	3.23	4.34	5.40	6.44	7.49	8.53	9.65	10.78	11.97	11.97	5 / 2			
	reaction time	0.172											# of strides	4.34	3.15	3.29
	velocity	4.83	8.62	9.01	9.43	9.62	9.52	9.62	8.93	8.85	8.40	8.35	54.0	6.91	9.52	9.12
Xu Zihan (CHN) (2004)	time	2.09	3.26	4.40	5.49	6.56	7.67	8.78	9.90	11.06	12.27	12.27	2 / 7			
	reaction time	0.191											# of strides	4.40	3.27	3.39
	velocity	4.78	8.55	8.77	9.17	9.35	9.01	9.01	8.93	8.62	8.26	8.15	56.2	6.82	9.17	8.85

2023 Chinese Indoor National Championships (Tianjin, CHN)

Semi-Final 2

date 15-Mar-23

Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m					Official Time	Lane / Place	0-30m	30-60m	60-90m
Huang Meixia (CHN) (2003)	time	2.13	3.27	4.34	5.35	6.36	7.39					7.39	6 / 1			
	reaction time	0.241											# of strides	4.34	3.05	
	velocity	4.69	8.77	9.35	9.90	9.90	9.71					8.12	33.5	6.91	9.84	
Zhang Man (CHN) (1997)	time	2.06	3.28	4.37	5.40	6.42	7.47					7.47	1 / 2			
	reaction time	0.217											# of strides	4.37	3.10	
	velocity	4.85	8.20	9.17	9.71	9.80	9.52					8.03	33.0	6.86	9.68	
Ding Chao (CHN) (1996)	time	2.13	3.30	4.42	5.46	6.49	7.55					7.55	4 / 3			
	reaction time	0.201											# of strides	4.42	3.13	
	velocity	4.69	8.55	8.93	9.62	9.71	9.43					7.95	34.5	6.79	9.58	
Xu Zihan (CHN) (2004)	time	2.11	3.33	4.47	5.56	6.64	7.73					7.73	2 / 7			
	reaction time	0.199											# of strides	4.47	3.26	
	velocity	4.74	8.20	8.77	9.17	9.26	9.17					7.76	34.2	6.71	9.20	

Heat 1

date 15-Mar-23

Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m					Official Time	Lane / Place	0-30m	30-60m	60-90m
Zhu Cuiwei (CHN) (2000)	time	2.15	3.32	4.40	5.42	6.48	7.51					7.51	3 / 1			
	reaction time	0.214											# of strides	4.40	3.11	
	velocity	4.65	8.55	9.26	9.80	9.43	9.71					7.99	33.7	6.82	9.65	
Cai Yanting (CHN) (2000)	time	2.19	3.37	4.47	5.52	6.58	7.62					7.62	5 / 2			
	reaction time	0.195											# of strides	4.47	3.15	
	velocity	4.57	8.47	9.09	9.52	9.43	9.62					7.87	32.7	6.71	9.52	
Qin Qing (CHN) (2004)	time	2.18	3.35	4.45	5.52	6.59	7.66					7.66	4 / 3			
	reaction time	0.209											# of strides	4.45	3.21	
	velocity	4.59	8.55	9.09	9.35	9.35	9.35					7.83	34.0	6.74	9.35	
Xu Zihan (CHN) (2004)	time	2.15	3.34	4.45	5.54	6.63	7.69					7.69	2 / 4			
	reaction time	0.189											# of strides	4.45	3.24	
	velocity	4.65	8.40	9.01	9.17	9.17	9.43					7.80	35.0	6.74	9.26	

2023 Chinese Indoor Grand Prix II (Chengdu, CHN)

A Final

date 28-Feb-23

Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m					Official Time	Lane / Place	0-30m	30-60m	60-90m
Huang Meixia (CHN) (2003)	time	2.12	3.25	4.30	5.33	6.34	7.40					7.40	4 / 1			
	reaction time	0.180											# of strides	4.30	3.10	
	velocity	4.72	8.85	9.52	9.71	9.90	9.43					8.11	31.7	6.98	9.68	
Wei Yongli (CHN) (1991)	time	2.13	3.25	4.30	5.34	6.35	7.41					7.41	5 / 2			
	reaction time	0.166											# of strides	4.30	3.11	
	velocity	4.69	8.93	9.52	9.62	9.90	9.43					8.10	31.7	6.98	9.65	
Li He (CHN) (2001)	time	2.15	3.28	4.35	5.37	6.40	7.42					7.42	3 / 3			
	reaction time	0.183											# of strides	4.35	3.07	
	velocity	4.65	8.85	9.35	9.80	9.71	9.80					8.09	34.0	6.90	9.77	

Heat 7

date 28-Feb-23

Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Liu Xiajun (CHN) (2005)	time	2.07	3.24	4.34	5.39	6.47	7.53	7.53	3 / 1			
	reaction time	0.144							# of strides	4.34	3.19	
	interval		1.17	1.10	1.05	1.08	1.06		34.2	6.91	9.40	
Xu Zihan (CHN) (2004)	time	2.17	3.39	4.49	5.57	6.67	7.78	7.78	4 / 2			
	reaction time	0.231							# of strides	4.49	3.29	
	interval		1.22	1.10	1.08	1.10	1.11		35.0	6.68	9.12	
	velocity	4.83	8.55	9.09	9.52	9.26	9.43	7.97				

Heat 2

date 28-Feb-23

Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Liu Chenxi (CHN) (2006)	time	2.23	3.55	4.72	5.84	6.98	8.13	8.13	5 / 5			
	reaction time	0.173							# of strides	4.72	3.41	
	interval		1.32	1.17	1.12	1.14	1.15	7.38	35.2	6.36	8.80	
	velocity	4.48	7.58	8.55	8.93	8.77	8.70					

Heat 1

date 28-Feb-23

Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zhang Yuexin (CHN) (2005)	time	2.15	3.38	4.55	5.67	6.77	7.91	7.91	4 / 2			
	reaction time	0.160							# of strides	4.55	3.36	
	interval		1.23	1.17	1.12	1.10	1.14	7.59	35.5	6.59	8.93	
	velocity	4.65	8.13	8.55	8.93	9.09	8.77					

2023 Chinese Indoor Grand Prix I (Chengdu, CHN)

Heat 6

date 25-Feb-23

Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Huang Meixia (CHN) (2003)	time	2.00	3.19	4.27	5.28	6.31	7.40	7.40	4 / 1			
	reaction time	0.171						PB	# of strides	4.27	3.13	
	interval		1.19	1.08	1.01	1.03	1.09	8.11	7.03	9.58		
Wei Yongli (CHN) (1991)	time	2.10	3.27	4.34	5.36	6.39	7.43	7.43	5 / 2			
	reaction time	0.197							# of strides	4.34	3.09	
	interval		1.17	1.07	1.02	1.03	1.04	8.08	31.7	6.91	9.71	
Zhang Yuexin (CHN) (2005)	time	2.17	3.40	4.54	5.63	6.76	7.89	7.89	5 / 3			
	reaction time	0.161							# of strides	4.54	3.35	
	interval		1.23	1.14	1.09	1.13	1.13	7.60	35.7	6.61	8.96	
Liu Chenxi (CHN) (2006)	time	2.32	3.60	4.81	5.92	7.09	8.26	8.26	8 / 6			
	reaction time	0.241							# of strides	4.81	3.45	
	interval		1.28	1.21	1.11	1.17	1.17	7.26	35.2	6.24	8.70	
	velocity	4.31	7.81	8.26	9.01	8.55	8.55					

Heat 2

date 25-Feb-23

Shandong Athletics Sport Science (2023)

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Li He (CHN) (2001)	time	2.14	3.30	4.37	5.39	6.44	7.48	7.48	4 / 1			
	reaction time	0.190							# of strides	4.37	3.11	
	interval		1.16	1.07	1.02	1.05	1.04	8.02	34.2	6.86	9.65	
Xu Zihan (CHN) (2004)	time	2.15	3.33	4.42	5.49	6.57	7.68	7.68	6 / 3			
	reaction time	0.185						PB	# of strides	4.42	3.26	
	interval		1.18	1.09	1.07	1.08	1.11	7.81	35.0	6.79	9.20	
	velocity	4.65	8.47	9.17	9.35	9.26	9.01					

2022 Weltklasse (Zürich, SUI)

FINAL

date 08-Sep-22

wind -0.8 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
Fraser-Pryce, Shelly-Ann (JAM) ()	time		3.06		5.00		6.86		8.72		10.65	10.65	5 / 1			
	reaction time	0.159			1.94		1.86		1.86		1.93		# of strides			
	interval											9.39	50.0			
Jackson, Shericka (JAM) (1994)	time		3.14		5.10		6.98		8.87		10.81	10.81	4 / 2			
	reaction time	0.171			1.96		1.88		1.89		1.94		# of strides			
	interval											9.25	48.0			
Ta Lou, Marie-Josée (CIV) (1988)	time		3.16		5.16		7.06		8.97		10.91	10.91	6 / 3			
	reaction time	0.194			2.00		1.90		1.91		1.94		# of strides			
	interval											9.17	50.2			
Neita, Daryll (GBR) (1996)	time		3.19		5.19		7.11		9.03		11.02	11.02	8 / 4			
	reaction time	0.167			2.00		1.92		1.92		1.99		# of strides			
	interval											9.07	48.0			
Hobbs, Aleia (USA) (1996)	0.160	no information available										11.03	3 / 5		# of strides	50.0
Terry, Twanisha (USA) (1999)	time		3.19		5.19		7.12		9.08		11.10	11.10	7 / 6			

reaction time	0.178	interval		2.00	1.93	1.96	2.02		# of strides
velocity			6.27	10.00	10.36	10.20	9.90	9.01	52.0
Richardson, Sha'Carri (USA) (2016)	time		3.20	5.22	7.16	9.13	11.13	11.13	2 / 7
reaction time	0.163	interval		2.02	1.94	1.97	2.00		# of strides
velocity			6.25	9.90	10.31	10.15	10.00	8.98	52.0

2022 Memorial van Damme (Brussels, BEL)**FINAL**

date 02-Sep-22 wind 0.6 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
Jackson, Shericka (JAM) (1994)	time			3.11		5.06		6.93		8.81		10.73	10.73	3 / 1			
reaction time	0.148	interval				1.95		1.87		1.88		1.92		# of strides			
		velocity		6.43		10.26		10.70		10.64		10.42	9.32	48.0			
Fraser-Pryce, Shelly-Ann (JAM) (2015)	time			3.06		5.00		6.85		8.74		10.74	10.74	5 / 2			
reaction time	0.136	interval				1.94		1.85		1.89		2.00		# of strides			
		velocity		6.54		10.31		10.81		10.58		10.00	9.31	50.0			
Ta Lou, Marie-Josée (CIV) (1988)	time			3.14		5.11		6.99		8.86		10.78	10.78	6 / 3			
reaction time	0.181	interval				1.97		1.88		1.87		1.92		# of strides			
		velocity		6.37		10.15		10.64		10.70		10.42	9.28	50.5			
Hobbs, Aleia (USA) (1996)	time			3.12		5.11		7.02		8.92		10.91	10.91	4 / 4			
reaction time	0.164	interval				1.99		1.91		1.90		1.99		# of strides			
		velocity		6.41		10.05		10.47		10.53		10.05	9.17	50.0			
Richardson, Sha'Carri (USA) (2016)	time			3.18		5.16		7.05		8.96		10.93	10.93	7 / 5			
reaction time	0.153	interval				1.98		1.89		1.91		1.97		# of strides			
		velocity		6.29		10.10		10.58		10.47		10.15	9.15	51.7			
Clark, Tamara (USA) (1999)	time			3.14		5.15		7.09		9.03		11.03	11.03	2 / 6			
reaction time	0.142	interval				2.01		1.94		1.94		2.00		# of strides			
		velocity		6.37		9.95		10.31		10.31		10.00	9.07	51.2			
Seyni, Aminatou (NIG) (1996)	time			3.24		5.26		7.19		9.14		11.15	11.15	1 / 7			
reaction time	0.196	interval				2.02		1.93		1.95		2.01		# of strides			
		velocity		6.17		9.90		10.36		10.26		9.95	8.97	47.7			
Nkansa, Delphine (BEL) (2001)	time			3.21		5.26		7.23		9.23		11.29	11.29	8 / 8			
reaction time	0.135	interval				2.05		1.97		2.00		2.06		# of strides			
		velocity		6.23		9.76		10.15		10.00		9.71	8.86	51.2			

2022 Shandong Provincial Games (Rizhao, CHN)**U20 FINAL**

date 30-Aug-22 wind -0.1 m/s Shandong Athletics Sport Science (2022)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xu Zihan (CHN) (2004)	time		2.13	3.32	4.39	5.46	6.52	7.61	8.70	9.82	10.96	12.11	12.11	6 / 1			
reaction time	0.210	interval			1.19	1.07	1.06	1.09	1.09	1.12	1.14	1.15	PB	# of strides	4.39	3.22	3.35
		velocity	4.69	8.40	9.35	9.35	9.43	9.17	9.17	8.93	8.77	8.70	8.26	54.0	6.83	9.32	8.96
Li Huixian (CHN) (2005)	time		2.17	3.36	4.46	5.53	6.62	7.72	8.83	9.96	11.11	12.27	12.27	4 / 2			
reaction time	0.190	interval			1.19	1.10	1.07	1.09	1.10	1.13	1.15	1.16		# of strides	4.46	3.26	3.39
		velocity	4.61	8.40	9.09	9.35	9.17	9.09	9.01	8.85	8.70	8.62	8.15	55.0	6.73	9.20	8.85
Lu Haoran (CHN)	time		2.15	3.36	4.47	5.58	6.66	7.74	8.86	10.01	11.16	12.34	12.34	3 / 3			
reaction time	0.167	interval			1.21	1.11	1.11	1.08	1.12	1.15	1.15	1.18		# of strides	4.47	3.27	3.42
		velocity	4.65	8.26	9.01	9.01	9.26	9.26	8.93	8.70	8.70	8.47	8.10	53.7	6.71	9.17	8.77
Zhang Yuexin (CHN) (2005)	time		2.15	3.36	4.47	5.58	6.65	7.74	8.86	10.02	11.17	12.36	12.36	5 / 4			
reaction time	0.179	interval			1.21	1.11	1.07	1.09	1.12	1.16	1.15	1.19		# of strides	4.47	3.27	3.43
		velocity	4.65	8.26	9.01	9.01	9.35	9.17	8.93	8.62	8.70	8.40	8.09	55.0	6.71	9.17	8.75
Gao Shuting (CHN)	time		2.22	3.42	4.54	5.64	6.73	7.84	8.96	10.10	11.28	12.42	12.42	8 / 5			
reaction time	0.217	interval			1.20	1.12	1.10	1.09	1.11	1.12	1.14	1.18		# of strides	4.54	3.30	3.44
		velocity	4.50	8.33	8.93	9.09	9.17	9.01	8.93	8.77	8.47	8.77	8.05	50.0	6.61	9.09	8.72
Wang Xue (CHN)	time		2.22	3.42	4.59	5.73	6.83	7.96	9.10	10.24	11.43	12.62	12.62	7 / 6			
reaction time	0.185	interval			1.20	1.17	1.14	1.10	1.13	1.14	1.19	1.19		# of strides	4.59	3.37	3.47
		velocity	4.50	8.33	8.55	8.77	9.09	8.85	8.77	8.77	8.40	8.40	7.92	52.0	6.54	8.90	8.65
Lin Yuxuan (CHN)	time		2.35	3.60	4.74	5.84	6.97	8.08	9.20	10.34	11.51	12.71	12.71	1 / 7			
reaction time	0.244	interval			1.25	1.14	1.10	1.13	1.11	1.12	1.14	1.17		# of strides	4.74	3.34	3.43
		velocity	4.26	8.00	8.77	9.09	8.85	9.01	8.93	8.77	8.55	8.33	7.87	53.0	6.33	8.98	8.75
Wang Yuqing (CHN) (2005)	time		2.52	4.00	5.41								15.56	2 / 8			
reaction time	0.303	interval			1.48	1.41								# of strides	5.41		

velocity 3.97 6.76 7.09

6.43

5.55

U18 FINAL

date 30-Aug-22

wind -0.1 m/s

Shandong Athletics Sport Science (2022)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xing Yuxin (CHN)	time		2.20	3.41	4.52	5.61	6.67	7.76	8.85	9.98	11.13	12.32	12.32	5 / 1			
reaction time	0.168	interval		1.21	1.11	1.09	1.06	1.09	1.13	1.15	1.19			# of strides	4.52	3.24	3.37
		velocity	4.55	8.26	9.01	9.17	9.43	9.17	9.17	8.85	8.70	8.40	8.12	59.0	6.64	9.26	8.90
Wang Yicheng (CHN)	time		2.25	3.44	4.59	5.69	6.80	7.92	9.07	10.24	11.44	12.66	12.66	6 / 2			
reaction time	0.197	interval		1.19	1.15	1.10	1.11	1.12	1.15	1.17	1.20	1.22		# of strides	4.59	3.33	3.52
		velocity	4.44	8.40	8.70	9.09	9.01	8.93	8.70	8.55	8.33	8.20	7.90	53.7	6.54	9.01	8.52
Qiu Zitong (CHN)	time		2.24	3.47	4.62	5.73	6.88	8.00	9.17	10.32	11.51	12.71	12.71	3 / 3			
reaction time	0.174	interval		1.23	1.15	1.11	1.15	1.12	1.17	1.15	1.19	1.20		# of strides	4.62	3.38	3.51
		velocity	4.46	8.13	8.70	9.01	8.70	8.93	8.55	8.70	8.40	8.33	7.87	53.2	6.49	8.88	8.55
Liu Chenxi (CHN) (2006)	time		2.20	3.43	4.64	5.76	6.91	8.02	9.17	10.34	11.53	12.78	12.78	2 / 4			
reaction time	0.172	interval		1.23	1.21	1.12	1.15	1.11	1.15	1.17	1.19	1.25		# of strides	4.64	3.38	3.51
		velocity	4.55	8.13	8.26	8.93	8.70	9.01	8.70	8.55	8.40	8.00	7.82	55.0	6.47	8.88	8.55
Shi Ruixin (CHN)	time		2.18	3.45	4.62	5.76	6.90	8.04	9.20	10.38	11.58	12.82	12.82	4 / 5			
reaction time	0.195	interval		1.27	1.17	1.14	1.14	1.14	1.16	1.18	1.20	1.24		# of strides	4.62	3.42	3.54
		velocity	4.59	7.87	8.55	8.77	8.77	8.77	8.62	8.47	8.33	8.06	7.80	53.5	6.49	8.77	8.47
Xu Shanshan (CHN)	time		2.20	3.46	4.64	5.79	6.93	8.07	9.23	10.42	11.60	12.84	12.84	7 / 6			
reaction time	0.182	interval		1.26	1.18	1.15	1.14	1.14	1.16	1.19	1.18	1.24		# of strides	4.64	3.43	3.53
		velocity	4.55	7.94	8.47	8.70	8.77	8.77	8.62	8.40	8.47	8.06	7.79	56.7	6.47	8.75	8.50
Lu Qirui (CHN)	time		2.23	3.46	4.64	5.76	6.87	8.02	9.19	10.39	11.62	12.87	12.87	8 / 7			
reaction time	0.190	interval		1.23	1.18	1.12	1.11	1.15	1.17	1.20	1.23	1.25		# of strides	4.64	3.38	3.60
		velocity	4.48	8.13	8.47	8.93	9.01	8.70	8.55	8.33	8.13	8.00	7.77	55.0	6.47	8.88	8.33
Xiao Ruixin (CHN)	time		2.25	3.48	4.66	5.81	6.96	8.14	9.33	10.54	11.76	13.02	13.02	1 / 8			
reaction time	0.186	interval		1.23	1.18	1.15	1.15	1.18	1.19	1.21	1.22	1.26		# of strides	4.66	3.48	3.62
		velocity	4.44	8.13	8.47	8.70	8.70	8.47	8.40	8.26	8.20	7.94	7.68	54.7	6.44	8.62	8.29

U20 Semi-Final 1

date 30-Aug-22

wind 0.6 m/s

Shandong Athletics Sport Science (2022)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xu Zihan (CHN) (2004)	time		2.17	3.33	4.42	5.50	6.56	7.64	8.73	9.85	10.98	12.18	12.18	8 / 1			
reaction time	0.235	interval		1.16	1.09	1.08	1.06	1.08	1.09	1.12	1.13	1.20	PB	# of strides	4.42	3.22	3.34
		velocity	4.61	8.62	9.17	9.26	9.43	9.26	9.17	8.93	8.85	8.33	8.21	53.5	6.79	9.32	8.98

2022 Athletissima (Lausanne, SUI)**FINAL**

date 26-Aug-22

wind 0.0 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
Hobbs, Aleia (USA) (1996)	time		3.07			5.06		6.95		8.87		10.87	10.87	2 / 1			
reaction time	0.142	interval				1.99		1.89		1.92		2.00		# of strides			
		velocity		6.51		10.05		10.58		10.42		10.00	9.20	50.0			
Jackson, Shericka (JAM) (1994)	time		3.15			5.15		7.04		8.93		10.88	10.88	4 / 2			
reaction time	0.172	interval				2.00		1.89		1.89		1.95		# of strides			
		velocity		6.35		10.00		10.58		10.58		10.26	9.19	48.0			
Ta Lou, Marie-Josée (CIV) (1988)	time		3.13			5.14		7.03		8.93		10.89	10.89	3 / 3			
reaction time	0.169	interval				2.01		1.89		1.90		1.96		# of strides			
		velocity		6.39		9.95		10.58		10.53		10.20	9.18	50.7			
Davis, Tamari (USA) (2003)	time		3.03			5.02		6.94		8.89		10.94	10.94	1 / 4			
reaction time	0.115	interval				1.99		1.92		1.95		2.05		# of strides			
		velocity		6.60		10.05		10.42		10.26		9.76	9.14	48.0			
Terry, Twanisha (USA) (1999)	time		3.14			5.18		7.11		9.07		11.13	11.13	7 / 5			
reaction time	0.160	interval				2.04		1.93		1.96		2.06		# of strides			
		velocity		6.37		9.80		10.36		10.20		9.71	8.98	51.7			
Kambundji, Mujinga (SUI) (1992)	time		3.14			5.18		7.13		9.09		11.15	11.15	6 / 6			
reaction time	0.126	interval				2.04		1.95		1.96		2.06		# of strides			
		velocity		6.37		9.80		10.26		10.20		9.71	8.97	52.2			
Seedo, N'Ketia (NED) (2003)	time		3.18			5.25		7.25		9.29		11.41	11.41	8 / 7			
reaction time	0.181	interval				2.07		2.00		2.04		2.12		# of strides			
		velocity		6.29		9.66		10.00		9.80		9.43	8.76	52.2			

B FINAL - Heat 3

date 26-Aug-22

wind 0.8 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
Parisot, Helene (FRA) (1992)	time		3.3		5.4		7.4		9.4		11.54	11.54	3 / 1			
	reaction time				2.10		2.00		2.00		2.14		# of strides			
	interval velocity		6.06		9.52		10.00		10.00		9.35	8.67				
Bisschops, Minke (NED) (2002)	time		3.3		5.3		7.4		9.4		11.66	11.66	6 / 2			
	reaction time				2.00		2.10		2.00		2.26		# of strides			
	interval velocity		6.06		10.00		9.52		10.00		8.85	8.58				
Weiss, Lena (SUI) (1994)	time		3.2		5.3		7.4		9.5		11.74	11.74	4 / 3			
	reaction time				2.10		2.10		2.10		2.24		# of strides			
	interval velocity		6.25		9.52		9.52		9.52		8.93	8.52				
Becerra, Soraya (SUI) (2004)	time		3.3		5.4		7.5		9.6		11.78	11.78	7 / 4			
	reaction time				2.10		2.10		2.10		2.18		# of strides			
	interval velocity		6.06		9.52		9.52		9.52		9.17	8.49				
van Camp, Emma (SUI) (2004)	time		3.3		5.4		7.4		9.5		11.80	11.80	2 / 5			
	reaction time				2.10		2.00		2.10		2.30		# of strides			
	interval velocity		6.06		9.52		10.00		9.52		8.70	8.47				
Atatou, Wided (FRA) (1999)	time		3.3		5.5		7.6		9.8		12.04	12.04	5 / 6			
	reaction time				2.20		2.10		2.20		2.24		# of strides			
	interval velocity		6.06		9.09		9.52		9.09		8.93	8.31				
Berclaz, Manon (SUI) (2003)	time		3.4		5.6		7.8		10.0		12.39	12.39	8 / 7			
	reaction time				2.20		2.20		2.20		2.39		# of strides			
	interval velocity		5.88		9.09		9.09		9.09		8.37	8.07				

B FINAL - Heat 2

date 26-Aug-22

wind -2.7 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
Samuel, Jamile (NED) (1992)	time		3.2		5.3		7.4		9.4		11.56	11.56	6 / 1			
	reaction time 0.172				2.10		2.10		2.00		2.16		# of strides			
	interval velocity		6.25		9.52		9.52		10.00		9.26	8.65				
Gnafoua, Floriane (FRA) (1996)	time		3.2		5.3		7.3		9.4		11.67	11.67	7 / 2			
	reaction time 0.177				2.10		2.00		2.10		2.27		# of strides			
	interval velocity		6.25		9.52		10.00		9.52		8.81	8.57				
Linder, Magdalena (AUT) (2000)	time		3.2		5.3		7.4		9.5		11.75	11.75	2 / 3			
	reaction time 0.140				2.10		2.10		2.10		2.25		# of strides			
	interval velocity		6.25		9.52		9.52		9.52		8.89	8.51				
Sedney, Naomi (NED) (1994)	time		3.3		5.4		7.4		9.6		11.82	11.82	3 / 4			
	reaction time 0.179				2.10		2.00		2.20		2.22		# of strides			
	interval velocity		6.06		9.52		10.00		9.09		9.01	8.46				
Gutschmidt, Melissa (SUI) (2002)	time		3.2		5.3		7.4		9.5		11.82	11.82	5 / 5			
	reaction time 0.173				2.10		2.10		2.10		2.32		# of strides			
	interval velocity		6.25		9.52		9.52		9.52		8.62	8.46				
Joseph, Gémima (FRA) (2001)	time		3.2		5.4		7.5		9.6		11.87	11.87	4 / 6			
	reaction time 0.189				2.20		2.10		2.10		2.27		# of strides			
	interval velocity		6.25		9.09		9.52		9.52		8.81	8.42				

B FINAL - Heat 1

date 26-Aug-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
Seedo, N'Ketia (NED) (2003)	time		3.1		5.2		7.1		9.1		11.28	11.28	4 / 1			
	reaction time 0.151				2.10		1.90		2.00		2.18		# of strides			
	interval velocity		6.45		9.52		10.53		10.00		9.17	8.87				
Sedney, Zoë (NED) (2001)	time		3.2		5.2		7.2		9.3		11.43	11.43	7 / 2			
	reaction time 0.164				2.00		2.00		2.10		2.13		# of strides			
	interval velocity		6.25		10.00		10.00		9.52		9.39	8.75				
Kora, Salomé (SUI) (1994)	time		3.2		5.3		7.3		9.3		11.46	11.46	3 / 3			
	reaction time 0.136				2.10		2.00		2.00		2.16		# of strides			
	interval velocity		6.25		9.52		10.00		10.00		9.26	8.73				
Frey, Géraldine (SUI) (1997)	time		3.1		5.2		7.3		9.3		11.50	11.50	6 / 4			
	reaction time 0.162				2.10		2.10		2.00		2.20		# of strides			
	interval velocity		6.45		9.52		9.52		10.00		9.09	8.70				
Leconte, Mallory (FRA) (2000)	time		3.2		5.3		7.4		9.4		11.58	11.58	2 / 5			
	reaction time 0.156				2.10		2.10		2.00		2.18		# of strides			
	interval															

	velocity	6.25	9.52	9.52	10.00	9.17	8.64	
Kouni, Natacha (SUI) (2001)	time	3.2	5.3	7.4	9.5	11.81	11.81	5 / 6
	reaction time	0.153	interval	2.10	2.10	2.31		# of strides
	velocity	6.25	9.52	9.52	9.52	8.66	8.47	

2022 European Athletics Championships (München, GER)**FINAL**

INAL

	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	
Lückenkemper, Gina (GER) (1996)	time	0.187	no information available										10.99	6 / 1		# of strides	49.2	
Kambundji, Mujinga (SUI) (1992)	time	0.147	no information available										10.99	4 / 2		# of strides	52.7	
Neita, Daryll (GBR) (1996)	time	0.153	no information available										11.00	5 / 3		# of strides	47.2	
Swoboda, Ewa (POL) (1997)	time	0.145	no information available										11.18	7 / 4		# of strides	50.0	
Lansiquot, Imani (GBR) (1997)	time	0.160	no information available										11.21	1 / 5		# of strides	47.2	
Pérez, Maria Isabel (ESP) (1993)	time	0.158	no information available										11.28	8 / 6		# of strides	52.2	
Dosso, Zaynab (ITA) (1999)	time	0.171	no information available										11.37	2 / 7		# of strides	49.0	
Asher-Smith, Dina (GBR) (1995)	time	0.147	no information available										16.03	3 / 8		# of strides		

2022 Herculis Meeting International d'Athlétisme (Monaco, MON)**FINAL**

FINAL	date		10-Aug-22		wind		0.4 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
Fraser-Pryce, Shelly-Ann (JAM) ()	time					3.04		4.97		6.83		8.69		10.62	10.62	5 / 1			
	reaction time	0.134	interval					1.93		1.86		1.86		1.93		# of strides			
	velocity					6.58		10.36		10.75		10.75		10.36	9.42	50.0			
Jackson, Shericka (JAM) (1994)	time					3.13		5.09		6.96		8.83		10.71	10.71	3 / 2			
	reaction time	0.171	interval					1.96		1.87		1.87		1.88	PB	# of strides			
	velocity					6.39		10.20		10.70		10.70		10.64	9.34	47.5			
Ta Lou, Marie-Josée (CIV) (1988)	time					3.13		5.08		6.94		8.83		10.72	10.72	7 / 3			
	reaction time	0.176	interval					1.95		1.86		1.89		1.89	NR PB	# of strides			
	velocity					6.39		10.26		10.75		10.58		10.58	9.33	50.7			
Hobbs, Aleia (USA) (1996)	time					3.12		5.08		6.96		8.86		10.81	10.81	6 / 4			
	reaction time	0.161	interval					1.96		1.88		1.90		1.95	=PB	# of strides			
	velocity					6.41		10.20		10.64		10.53		10.26	9.25	50.0			
Terry, Twanisha (USA) (1999)	time					3.14		5.11		7.01		8.92		10.90	10.90	2 / 5			
	reaction time	0.158	interval					1.97		1.90		1.91		1.98		# of strides			
	velocity					6.37		10.15		10.53		10.47		10.10	9.17	52.0			
Neita, Daryll (GBR) (1996)	time					3.23		5.19		7.08		8.97		10.91	10.91	8 / 6			
	reaction time	0.176	interval					1.96		1.89		1.89		1.94		# of strides			
	velocity					6.19		10.20		10.58		10.58		10.31	9.17	47.0			
Clark, Tamara (USA) (1999)	time					3.14		5.14		7.06		9.00		10.96	10.96	1 / 7			
	reaction time	0.159	interval					2.00		1.92		1.94		1.96		# of strides			
	velocity					6.37		10.00		10.42		10.31		10.20	9.12	51.2			

2022 Silesia Kamila Skolimowska Memorial (Chorzów, POL)**FINAL**

NAME	date	06-Aug-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	
Fraser-Pryce, Shelly-Ann (JAM) ()	time			3.05		4.99		6.85		8.72		10.66	10.66	5 / 1					
	reaction time	0.152	interval			1.94		1.86		1.87		1.94		# of strides					
	velocity			6.56		10.31		10.75		10.70		10.31	9.38	49.7					
Hobbs, Aleia (USA) (1996)	time			3.14		5.13		7.02		8.94		10.94	10.94	6 / 2					
	reaction time	0.151	interval			1.99		1.89		1.92		2.00		# of strides					
	velocity			6.37		10.05		10.58		10.42		10.00	9.14	50.0					
Ta Lou, Marie-Josée (CIV) (1988)	time			3.14		5.14		7.06		8.99		11.00	11.00	4 / 3					
	reaction time	0.172	interval			2.00		1.92		1.93		2.01		# of strides					
	velocity			6.37		10.00		10.42		10.36		9.95	9.09	51.5					
Lückenkemper, Gina (GER) (1996)	time			3.20		5.22		7.14		9.09		11.10	11.10	8 / 4					
	reaction time	0.190	interval			2.02		1.92		1.95		2.01		# of strides					
	velocity			6.25		9.90		10.42		10.26		9.95	9.01	50.0					
Williams, Briana (JAM) (2002)	time			3.10		5.09		7.03		9.02		11.11	11.11	2 / 5					
	reaction time	0.144	interval			1.99		1.94		1.99		2.09		# of strides					
	velocity			6.45		10.05		10.31		10.05		9.57	9.00	51.0					
White, Kayla (USA) (1996)	time	0.140	no information available											11.15	1 / 6		# of strides	48.7	

Jefferson, Melissa (USA) (2001)	time	3.16	5.20	7.16	9.14	11.18	11.18	3 / 7
	reaction time	0.146		2.04	1.96	1.98	2.04	# of strides
	velocity		6.33	9.80	10.20	10.10	9.80	52.0
Terry, Twanisha (USA) (1999)	time	3.15	5.16	7.11	9.10	11.20	11.20	7 / 8
	reaction time	0.156		2.01	1.95	1.99	2.10	# of strides
	velocity		6.35	9.95	10.26	10.05	9.52	51.7
Morrison, Natasha (JAM) (1992)	time	3.14	0.16	7.11	9.11	11.20	11.20	9 / 9
	reaction time	0.150		-2.98	6.95	2.00	2.09	# of strides
	velocity		6.37	-6.71	2.88	10.00	9.57	48.5

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
Kurashige, Miu (JPN) (2004)	time	2.01	3.17	4.25	5.30	6.36	7.42	8.50	9.60	10.71	11.85	11.85	5 / 1			
	reaction time	0.103		1.16	1.08	1.05	1.06	1.08	1.10	1.11	1.14		# of strides	4.25	3.17	3.29
	velocity		4.98	8.62	9.26	9.52	9.43	9.26	9.09	9.01	8.77	8.44	52.0	7.06	9.46	9.12
Kobari, Akiha (JPN) (2006)	time	2.11	3.29	4.38	5.43	6.47	7.52	8.58	9.66	10.76	11.88	11.88	6 / 2			
	reaction time	0.143		1.18	1.09	1.05	1.04	1.06	1.08	1.10	1.12		# of strides	4.38	3.14	3.24
	velocity		4.74	8.47	9.17	9.52	9.62	9.43	9.26	9.09	8.93	8.42	54.4	6.85	9.55	9.26
Sakimura, Wakana (JPN) (2005)	time	2.10	3.28	4.37	5.42	6.47	7.52	8.60	9.70	10.83	11.98	11.98	7 / 3			
	reaction time	0.172		1.18	1.09	1.05	1.05	1.08	1.10	1.13	1.15		# of strides	4.37	3.15	3.31
	velocity		4.76	8.47	9.17	9.52	9.52	9.26	9.09	8.85	8.70	8.35	54.2	6.86	9.52	9.06
Komatsu, Konomi (JPN) (2004)	time	2.09	3.29	4.39	5.46	6.53	7.60	8.69	9.78	10.90	12.03	12.03	4 / 4			
	reaction time	0.165		1.20	1.10	1.07	1.07	1.09	1.09	1.12	1.13		# of strides	4.39	3.21	3.30
	velocity		4.78	8.33	9.09	9.35	9.35	9.17	9.17	8.93	8.85	8.31	55.0	6.83	9.35	9.09
Satou, Aoi (JPN) (2004)	time	2.12	3.33	4.43	5.50	6.56	7.63	8.71	9.81	10.94	12.08	12.08	8 / 5			
	reaction time	0.162		1.21	1.10	1.07	1.06	1.07	1.08	1.10	1.13		# of strides	4.43	3.20	3.31
	velocity		4.72	8.26	9.09	9.35	9.43	9.35	9.26	9.09	8.85	8.77	51.7	6.77	9.38	9.06
Noumura, Runa (JPN) (2004)	time	2.05	3.24	4.34	5.41	6.48	7.56	8.66	9.77	10.92	12.08	12.08	9 / 5			
	reaction time	0.128		1.19	1.10	1.07	1.07	1.08	1.10	1.11	1.15	1.16	# of strides	4.34	3.22	3.36
	velocity		4.88	8.40	9.09	9.35	9.35	9.26	9.09	9.01	8.70	8.62	58.0	6.91	9.32	8.93
Yamagata, Aiha (JPN) (2005)	time	2.15	3.37	4.47	5.54	6.60	7.67	8.75	9.84	10.96	12.08	12.08	3 / 7			
	reaction time	0.215		1.22	1.10	1.07	1.06	1.07	1.08	1.09	1.12	1.12	# of strides	4.47	3.20	3.29
	velocity		4.65	8.20	9.09	9.35	9.43	9.35	9.26	9.17	8.93	8.28	57.0	6.71	9.38	9.12
Miyamatsu, Shiki (JPN) (2005)	time	2.13	3.33	4.44	5.52	6.59	7.67	8.78	9.90	11.05	12.22	12.22	2 / 8			
	reaction time	0.153		1.20	1.11	1.08	1.07	1.08	1.11	1.12	1.15	1.17	# of strides	4.44	3.23	3.38
	velocity		4.69	8.33	9.01	9.26	9.35	9.26	9.01	8.93	8.70	8.55	54.0	6.76	9.29	8.88

2022 Commonwealth Games (Birmingham, GBR)

FINAL

date 03-Aug-22

wind 0.4 m/s

Longines Timing (2022) - commonwealth games race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Thompson-Herah, Elaine (JAM)	time		3.1		5.1		7.0		8.9		10.95	10.95	4 / 1			
	reaction time	0.149			2.00		1.90		1.90		2.05		# of strides			
	velocity		6.45		10.00		10.53		10.53		9.76	9.13	51.0			
Alfred, Julien (LCA) (2001)	time		3.1		5.0		7.0		8.9		11.01	11.01	6 / 2			
	reaction time	0.139			1.90		2.00		1.90		2.11		# of strides			
	velocity		6.45		10.53		10.00		10.53		9.48	9.08	51.2			
Neita, Daryll (GBR) (1996)	time		3.1		5.1		7.1		9.0		11.07	11.07	5 / 3			
	reaction time	0.148			2.00		2.00		1.90		2.07		# of strides			
	velocity		6.45		10.00		10.00		10.53		9.66	9.03	47.5			
Chukwuma, Rosemary (NGR) (1991)	time		3.1		5.1		7.1		9.1		11.17	11.17	3 / 4			
	reaction time	0.143			2.00		2.00		2.00		2.07		# of strides			
	velocity		6.45		10.00		10.00		10.00		9.66	8.95	52.0			
Nwokocha, Grace (NGR) (2001)	time		3.1		5.1		7.1		9.0		11.18	11.18	8 / 5 4			
	reaction time	0.147			2.00		2.00		1.90		2.18	DV	# of strides			
	velocity		6.45		10.00		10.00		10.53		9.17	8.94	49.0			
Hobbs, Zoe (NZL) (1997)	time		3.1		5.1		7.1		9.1		11.19	11.19	7 / 6 5			
	reaction time	0.149			2.00		2.00		2.00		2.09		# of strides			
	velocity		6.45		10.00		10.00		10.00		9.57	8.94	50.5			
Gaither, TyNia (BAH) (1993)	time		3.1		5.2		7.1		9.1		11.23	11.23	2 / 7 6			

reaction time	0.125	interval		2.10	1.90	2.00	2.13	# of strides
		velocity	6.45	9.52	10.53	10.00	9.39	53.2
Whyte, Natalliah (JAM) (1997)	time	3.1	5.2	7.2	9.2	11.32	11.32	1 / 3 7
reaction time	0.154	interval		2.10	2.00	2.12		# of strides
		velocity	6.45	9.52	10.00	10.00	9.43	49.2

Semi-Final 3

date 03-Aug-22 wind 1.1 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
Neita, Daryll (GBR) (1996)	time	3.1			5.1		7.0		8.9		10.90	10.90	3 / 1			
reaction time	0.144				2.00		1.90		1.90		2.00	PB	# of strides			
					velocity		10.53		10.53		10.00	9.17	47.0			
Chukwuma, Rosemary (NGR) (1999)	time	3.1			5.1		7.0		9.0		11.05	11.05	6 / 2			
reaction time	0.112				2.00		1.90		2.00		2.05		# of strides			
					velocity		10.53		10.00		9.76	9.05	51.0			
Gaither, TyNia (BAH) (1993)	time	3.1			5.2		7.2		9.1		11.17	11.17	5 / 3			
reaction time	0.133				2.10		2.00		1.90		2.07		# of strides			
					velocity		10.00		10.53		9.66	8.95	53.0			
Whyte, Natalliah (JAM) (1997)	time	3.1			5.2		7.1		9.1		11.17	11.17	4 / 4			
reaction time	0.155				2.10		1.90		2.00		2.07		# of strides			
					velocity		10.53		10.00		9.66	8.95	49.0			
Imali, Maximilia (KEN) (1996)	time	3.2			5.2		7.2		9.2		11.35	11.35	7 / 5			
reaction time	0.173				2.00		2.00		2.00		2.15		# of strides			
					velocity		10.00		10.00		9.30	8.81	51.0			
Masters, Bree (AUS) (1995)	time	3.2			5.3		7.2		9.2		11.36	11.36	8 / 6			
reaction time	0.162				2.10		1.90		2.00		2.16		# of strides			
					velocity		10.53		10.00		9.26	8.80	49.0			
Rees, Alisha (GBR) (1999)	time	3.2			5.2		7.3		9.3		11.47	11.47	1 / 7			
reaction time	0.135				2.00		2.10		2.00		2.17		# of strides			
					velocity		10.00		10.00		9.22	8.72	50.0			
Nyamahunge, Jacent (UGA) (1999)	time	3.2			5.3		7.3		9.4		11.58	11.58	2 / 8			
reaction time	0.158				2.10		2.00		2.10		2.18		# of strides			
					velocity		10.00		9.52		9.17	8.64	51.0			

Semi-Final 2

date 03-Aug-22 wind 0.0 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
Thompson-Herah, Elaine (JAM) (1999)	time	3.1			5.1		7.0		8.9		11.05	11.05	4 / 1			
reaction time	0.157				2.00		1.90		1.90		2.15		# of strides			
					velocity		10.53		10.53		9.30	9.05	50.0			
Hobbs, Zoe (NZL) (1997)	time	3.1			5.1		7.0		9.0		11.15	11.15	6 / 2			
reaction time	0.144				2.00		1.90		2.00		2.15		# of strides			
					velocity		10.00		10.53		9.30	8.97	50.2			
Ahye, Michelle-Lee (TTO) (1992)	time	3.1			5.2		7.2		9.2		11.29	11.29	5 / 3			
reaction time	0.116				2.10		2.00		2.00		2.09		# of strides			
					velocity		10.00		10.00		9.57	8.86	51.5			
Philip, Asha (GBR) (1990)	time	3.1			5.2		7.2		9.2		11.35	11.35	8 / 4			
reaction time	0.117				2.10		2.00		2.00		2.15		# of strides			
					velocity		10.00		10.00		9.30	8.81	52.5			
Anang, Naa (AUS) (1995)	time	3.1			5.2		7.2		9.2		11.39	11.39	3 / 5			
reaction time	0.124				2.10		2.00		2.00		2.19		# of strides			
					velocity		10.00		10.00		9.13	8.78	49.5			
Udo-Gabriel, Joy (NGR) (1999)	time	3.1			5.1		7.2		9.2		11.45	11.45	1 / 6			
reaction time	0.145				2.00		2.10		2.00		2.25		# of strides			
					velocity		10.00		10.00		8.89	8.73	50.0			
Abrams, Jasmine (GUY) (1994)	time	3.2			5.3		7.3		9.4		11.60	11.60	7 / 7			
reaction time	0.151				2.10		2.00		2.10		2.20		# of strides			
					velocity		10.00		9.52		9.09	8.62	52.5			
Sebele, Tsaone (BOT) (1993)	time	3.3			5.4		7.4		9.5		11.71	11.71	2 / 8			
reaction time	0.147				2.10		2.00		2.10		2.21		# of strides			
					velocity		10.00		9.52		9.05	8.54	50.0			

Semi-Final 1

date 03-Aug-22

wind 0.3 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
Alfred, Julien (LCA) (2001)	time			3.1		5.0		7.0		9.0		11.04	11.04	3 / 1			
	reaction time	0.147	interval			1.90		2.00		2.00		2.04		# of strides			
	velocity			6.45		10.53		10.00		10.00		9.80	9.06	51.2			
Nwokocha, Grace (NGR) (2001)	time			3.1		5.1		7.0		9.0		11.06	11.06	6 / 2			
	reaction time	0.135	interval			2.00		1.90		2.00		2.06	DV	# of strides			
	velocity			6.45		10.00		10.53		10.00		9.71	9.04	49.0			
Lansiquot, Imani (GBR) (1997)	time			3.1		5.2		7.1		9.1		11.18	11.18	5 / 2			
	reaction time	0.145	interval			2.10		1.90		2.00		2.08		# of strides			
	velocity			6.45		9.52		10.53		10.00		9.62	8.94	48.0			
Burchell, Remona (JAM) (1991)	time			3.1		5.2		7.2		9.3		11.48	11.48	8 / 4 3			
	reaction time	0.131	interval			2.10		2.00		2.10		2.18		# of strides			
	velocity			6.45		9.52		10.00		9.52		9.17	8.71	51.0			
Lloyd, Joella (ANT) (2002)	time			3.2		5.2		7.3		9.3		11.49	11.49	7 / 5 4			
	reaction time	0.148	interval			2.00		2.10		2.00		2.19		# of strides			
	velocity			6.25		10.00		9.52		10.00		9.13	8.70	51.0			
Oarabile, Tshosa (BOT) (2001)	time			3.3		5.4		7.4		9.4		11.53	11.53	4 / 6 5			
	reaction time	0.186	interval			2.10		2.00		2.00		2.13		# of strides			
	velocity			6.06		9.52		10.00		10.00		9.39	8.67	51.0			
Pereira, Shanti Veronica (SGP) (1991)	time			3.2		5.3		7.4		9.4		11.57	11.57	2 / 7 6			
	reaction time	0.174	interval			2.10		2.10		2.00		2.17		# of strides			
	velocity			6.25		9.52		9.52		10.00		9.22	8.64	50.0			
Brier, Hannah (GBR) (1998)	time			3.2		5.3		7.3		9.4		11.61	11.61	1 / 8 7			
	reaction time	0.124	interval			2.10		2.00		2.10		2.21		# of strides			
	velocity			6.25		9.52		10.00		9.52		9.05	8.61	52.0			

2022 World Athletics Championships (Eugene, OR)

FINAL

date 18-Jul-22

wind 0.8 m/s

Zheng (2022) - a study on the speed characteristics of the women's 100m finals at the 2022 world championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fraser-Pryce, Shelly-Ann (JAM) (1991)	time		1.87	3.05	4.14	5.00	5.94	6.89	7.80	8.73	9.66	10.67	10.67	6 / 1			
	reaction time	0.137	interval		1.18	1.09	0.86	0.94	0.95	0.91	0.93	1.01	CR	# of strides	4.14	2.75	2.77
	velocity		5.35	8.47	9.17	11.63	10.64	10.53	10.99	10.75	10.75	9.90	9.37	49.5	7.25	10.91	10.83
Jackson, Shericka (JAM) (1994)	time		1.91	3.06	4.16	5.08	6.01	6.92	7.88	8.84	9.80	10.73	10.73	3 / 2			
	reaction time	0.134	interval		1.15	1.10	0.92	0.93	0.91	0.96	0.96	0.96	PB	# of strides	4.16	2.76	2.88
	velocity		5.24	8.70	9.09	10.87	10.75	10.99	10.42	10.42	10.42	10.75	9.32	47.5	7.21	10.87	10.42
Thompson-Herah, Elaine (JAM) (1991)	time		1.96	3.12	4.18	5.11	6.02	6.98	7.94	8.88	9.85	10.81	10.81	4 / 3			
	reaction time	0.149	interval		1.16	1.06	0.93	0.91	0.96	0.96	0.94	0.97	0.96	# of strides	4.18	2.80	2.87
	velocity		5.10	8.62	9.43	10.75	10.99	10.42	10.42	10.64	10.31	10.42	9.25	50.0	7.18	10.71	10.45
Asher-Smith, Dina (GBR) (1995)	time		1.90	3.07	4.13	5.11	6.04	7.00	7.95	8.89	9.88	10.84	10.83	8 / 4			
	reaction time	0.116	interval		1.17	1.06	0.98	0.93	0.96	0.95	0.94	0.99	=NR =PB	# of strides	4.13	2.87	2.88
	velocity		5.26	8.55	9.43	10.20	10.75	10.42	10.53	10.64	10.10	10.42	9.23	48.5	7.26	10.45	10.42
Kambundji, Mujinga (SUI) (1992)	time		1.94	3.07	4.13	5.13	6.04	7.03	7.98	8.93	9.93	10.91	10.91	1 / 5			
	reaction time	0.122	interval		1.13	1.06	1.00	0.91	0.99	0.95	0.95	1.00	0.98	# of strides	4.13	2.90	2.90
	velocity		5.15	8.85	9.43	10.00	10.99	10.10	10.53	10.53	10.00	10.20	9.17	52.0	7.26	10.34	10.34
Hobbs, Aleia (USA) (1996)	time		1.96	3.12	4.24	5.18	6.10	7.05	8.00	8.94	9.94	10.93	10.92	7 / 6			
	reaction time	0.145	interval		1.16	1.12	0.94	0.92	0.95	0.95	0.94	1.00	0.99	# of strides	4.24	2.81	2.89
	velocity		5.10	8.62	8.93	10.64	10.87	10.53	10.53	10.64	10.00	10.10	9.16	50.2	7.08	10.68	10.38
Ta Lou, Marie-Josée (CIV) (1988)	time		1.93	3.10	4.15	5.15	6.11	7.04	8.00	8.95	9.95	10.93	10.93	5 / 7			
	reaction time	0.150	interval		1.17	1.05	1.00	0.96	0.93	0.96	0.95	1.00	0.98	# of strides	4.15	2.89	2.91
	velocity		5.18	8.55	9.52	10.00	10.42	10.75	10.42	10.53	10.00	10.20	9.15	51.5	7.23	10.38	10.31
Jefferson, Melissa (USA) (2001)	time		1.92	3.11	4.21	5.20	6.14	7.09	8.05	9.07	10.05	11.04	11.03	2 / 8			
	reaction time	0.136	interval		1.19	1.10	0.99	0.94	0.95	0.96	1.02	0.98	0.99	# of strides	4.21	2.88	2.96
	velocity		5.21	8.40	9.09	10.10	10.64	10.53	10.42	9.80	10.20	10.10	9.07	51.7	7.13	10.42	10.14

2022 Shandong Athletics Games (Rizhao, CHN)

FINAL

date 14-Jul-22

wind 0.5 m/s

Shandong Athletics Sport Science (2022)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xu Zihan (CHN) (2004)	time		2.15	3.34	4.47	5.55	6.62	7.71	8.81	9.92	11.05	12.22	12.22	9 / 1			
	reaction time	interval		1.19	1.13	1.08	1.07	1.09	1.10	1.11	1.13	1.17		# of strides	4.47	3.24	3.34

velocity 4.65 8.40 8.85 9.26 9.35 9.17 9.09 9.01 8.85 8.55 8.18 54.2 6.71 9.26 8.98

2022 Meeting de Paris (Paris, FRA)**FINAL**

date 18-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
Fraser-Pryce, Shelly-Ann (JAM)	time			3.06		5.00		6.86		8.73		10.67	10.67	5 / 1			
	reaction time	0.137				1.94		1.86		1.87		1.94		# of strides			
	interval																
	velocity			6.54		10.31		10.75		10.70		10.31	9.37	50.0			
Neita, Daryll (GBR) (1996)	time			3.16		5.14		7.06		8.99		10.99	10.99	7 / 2			
	reaction time	0.145				1.98		1.92		1.93		2.00		# of strides			
	interval																
	velocity			6.33		10.10		10.42		10.36		10.00	9.10	47.5			
Ta Lou, Marie-Josée (CIV) (1988)	time			3.17		5.16		7.08		9.02		11.01	11.01	4 / 3			
	reaction time	0.185				1.99		1.92		1.94		1.99		# of strides			
	interval																
	velocity			6.31		10.05		10.42		10.31		10.05	9.08	51.7			
Swoboda, Ewa (POL) (1997)	time			3.11		5.11		7.05		9.01		11.05	11.05	3 / 4			
	reaction time	0.142				2.00		1.94		1.96		2.04	PB	# of strides			
	interval																
	velocity			6.43		10.00		10.31		10.20		9.80	9.05	51.2			
Anye, Michelle-Lee (TTO) (1992)	time			3.13		5.15		7.05		9.04		11.07	11.07	2 / 5			
	reaction time	0.113				2.02		1.90		1.99		2.03		# of strides			
	interval																
	velocity			6.39		9.90		10.53		10.05		9.85	9.03	51.0			
Hobbs, Zoe (NZL) (1997)	time			3.14		5.15		7.09		9.06		11.10	11.10	1 / 6			
	reaction time	0.156				2.01		1.94		1.97		2.04		# of strides			
	interval																
	velocity			6.37		9.95		10.31		10.15		9.80	9.01	51.0			
Bass, Gina (GAM) (1995)	time			3.19		5.22		7.19		9.18		11.24	11.24	8 / 7			
	reaction time	0.193				2.03		1.97		1.99		2.06		# of strides			
	interval																
	velocity			6.27		9.85		10.15		10.05		9.71	8.90	52.2			
del Ponte, Ajla (SUI) (1996)	time			3.18		5.22		7.22		9.24		11.34	11.34	6 / 8			
	reaction time	0.143				2.04		2.00		2.02		2.10		# of strides			
	interval																
	velocity			6.29		9.80		10.00		9.90		9.52	8.82	50.5			

2022 FBK Games (Hengelo, NED)**FINAL**

date 06-Jun-22

wind 0.8 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
Neita, Daryll (GBR) (1996)	time			3.1		5.2		7.1		9.1		11.19	11.19	6 / 1			
	reaction time	0.141				2.10		1.90		2.00		2.09		# of strides			
	interval																
	velocity			6.45		9.52		10.53		10.00		9.57	8.94	48.0			
Gaither, TyNia (BAH) (1993)	time			3.1		5.2		7.2		9.1		11.23	11.23	4 / 2			
	reaction time	0.134				2.10		2.00		1.90		2.13		# of strides			
	interval																
	velocity			6.45		9.52		10.00		10.53		9.39	8.90	53.5			
Lansiquot, Imani (GBR) (1997)	time			3.2		5.2		7.2		9.2		11.26	11.26	3 / 3			
	reaction time	0.120				2.00		2.00		2.00		2.06		# of strides			
	interval																
	velocity			6.25		10.00		10.00		10.00		9.71	8.88	47.5			
White, Kayla (USA) (1996)	time			3.1		5.1		7.1		9.2		11.31	11.31	7 / 4			
	reaction time	0.119				2.00		2.00		2.10		2.11		# of strides			
	interval																
	velocity			6.45		10.00		10.00		9.52		9.48	8.84	49.0			
Schippers, Dafne (NED) (1992)	time			3.2		5.2		7.2		9.2		11.40	11.40	5 / 5			
	reaction time	0.130				2.00		2.00		2.00		2.20		# of strides			
	interval																
	velocity			6.25		10.00		10.00		10.00		9.09	8.77	49.0			
Seedo, N'Ketia (NED) (2003)	time			3.2		5.2		7.2		9.3		11.48	11.48	1 / 6			
	reaction time	0.145				2.00		2.00		2.10		2.18		# of strides			
	interval																
	velocity			6.25		10.00		10.00		9.52		9.17	8.71	53.5			
Kora, Salomé (SUI) (1994)	time			3.2		5.3		7.3		9.4		11.53	11.53	2 / 7			
	reaction time	0.126				2.10		2.00		2.10		2.13		# of strides			
	interval																
	velocity			6.25		9.52		10.00		9.52		9.39	8.67	52.0			
van Hunenstijn, Marijke (NED) (1991)	time			3.2		5.3		7.3		9.4		11.56	11.56	9 / 8			
	reaction time	0.126				2.10		2.00		2.10		2.16		# of strides			
	interval																
	velocity			6.25		9.52		10.00		9.52		9.26	8.65	50.0			

2022 Meeting International Mohammed VI d'Athlétisme (Rabat, MAR)**FINAL**

date 05-Jun-22

wind 0.3 m/s

Omega Timing (2022) - diamond league race analysis

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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Thompson-Herah, Elaine (JAM) (time)	time		3.12		5.10		6.98		8.88		10.83	10.83	5 / 1			
	reaction time	0.158			1.98		1.88		1.90		1.95		# of strides			
	velocity		6.41		10.10		10.64		10.53		10.26	9.23	51.0			
Ta Lou, Marie-Josée (CIV) (1988)	time		3.16		5.18		7.11		9.03		11.04	11.04	6 / 2			
	reaction time	0.177			2.02		1.93		1.92		2.01		# of strides			
	velocity		6.33		9.90		10.36		10.42		9.95	9.06	52.0			
Morrison, Natasha (JAM) (1992)	time		3.13		5.17		7.13		9.13		11.22	11.22	4 / 3			
	reaction time	0.147			2.04		1.96		2.00		2.09		# of strides			
	velocity		6.39		9.80		10.20		10.00		9.57	8.91	49.0			
Bazolo, Lorène Dorcas (POR) (1991)	time		3.25		5.31		7.30		9.32		11.42	11.42	9 / 4			
	reaction time	0.168			2.06		1.99		2.02		2.10		# of strides			
	velocity		6.15		9.71		10.05		9.90		9.52	8.76	51.0			
del Ponte, Ajla (SUI) (1996)	time		3.19		5.24		7.24		9.28		11.42	11.42	7 / 5			
	reaction time	0.125			2.05		2.00		2.04		2.14		# of strides			
	velocity		6.27		9.76		10.00		9.80		9.35	8.76	51.0			
Eddou, Hajar (MAR) (1999)	time		3.24		5.34		7.42		9.57		11.84	11.84	3 / 6			
	reaction time	0.162			2.10		2.08		2.15		2.27		# of strides			
	velocity		6.17		9.52		9.62		9.30		8.81	8.45	49.5			

2022 Prefontaine Classic (Eugene, OR)**FINAL**

date 28-May-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
Thompson-Herah, Elaine (JAM) (time)	time		3.11		5.09		6.98		8.85		10.79	10.79	6 / 1			
	reaction time	0.150			1.98		1.89		1.87		1.94		# of strides			
	velocity		6.43		10.10		10.58		10.70		10.31	9.27	50.5			
Richardson, Sha'Carri (USA) (2008)	time		3.15		5.15		7.06		8.96		10.92	10.92	3 / 2			
	reaction time	0.152			2.00		1.91		1.90		1.96		# of strides			
	velocity		6.35		10.00		10.47		10.53		10.20	9.16	52.0			
Jackson, Shericka (JAM) (1994)	time		3.14		5.14		7.05		8.95		10.92	10.92	4 / 3			
	reaction time	0.165			2.00		1.91		1.90		1.97		# of strides			
	velocity		6.37		10.00		10.47		10.53		10.15	9.16	48.0			
Asher-Smith, Dina (GBR) (1995)	time		3.09		5.08		7.01		8.95		10.98	10.98	5 / 4			
	reaction time	0.116			1.99		1.93		1.94		2.03		# of strides			
	velocity		6.47		10.05		10.36		10.31		9.85	9.11	49.0			
Terry, Twanisha (USA) (1999)	time		3.13		5.14		7.06		8.99		10.98	10.98	2 / 5			
	reaction time	0.135			2.01		1.92		1.93		1.99		# of strides			
	velocity		6.39		9.95		10.42		10.36		10.05	9.11	52.7			
Ta Lou, Marie-Josée (CIV) (1988)	time		3.16		5.22		7.15		9.07		11.07	11.07	9 / 6			
	reaction time	0.141			2.06		1.93		1.92		2.00		# of strides			
	velocity		6.33		9.71		10.36		10.42		10.00	9.03	51.5			
Kambundji, Mujinga (SUI) (1992)	time		3.15		5.17		7.11		9.07		11.11	11.11	7 / 7			
	reaction time	0.138			2.02		1.94		1.96		2.04		# of strides			
	velocity		6.35		9.90		10.31		10.20		9.80	9.00	52.0			
Daniels, Teahna (USA) (1997)	time		3.15		5.17		7.13		9.09		11.13	11.13	8 / 8			
	reaction time	0.131			2.02		1.96		1.96		2.04		# of strides			
	velocity		6.35		9.90		10.20		10.20		9.80	8.98	49.0			
Williams, Briana (JAM) (2002)	time		3.12		5.14		7.09		9.08		11.20	11.20	1 / 9			
	reaction time	0.154			2.02		1.95		1.99		2.12		# of strides			
	velocity		6.41		9.90		10.26		10.05		9.43	8.93	51.0			

2022 Shimane High School Championships (Izumo, JPN)**FINAL**

date 27-May-22

wind 0.5 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
Murakami, Tamamo (JPN)	time			4.40			7.63			10.98	12.18	12.18	7 / 1			
	reaction time						3.23			3.35	1.20		# of strides	4.40	3.23	3.35
	velocity			6.82			9.29			8.96	8.33	8.21	54.5	6.82	9.29	8.96
Bessho, Miyu (JPN) (2007)	time			4.50			7.73			11.07	12.25	12.25	4 / 2			
	reaction time						3.23			3.34	1.18		# of strides	4.50	3.23	3.34
	velocity			6.67			9.29			8.98	8.47	8.16	52.0	6.67	9.29	8.98

Masumura, Koyuki (JPN)	time	4.57	7.90	11.32	12.52	12.52	5 / 3			
	reaction time		3.33	3.42	1.20		# of strides	4.57	3.33	3.42
	velocity	6.56	9.01	8.77	8.33	7.99	56.5	6.56	9.01	8.77
Hata, Kokomi (JPN) (2006)	time	4.52	7.87	11.45	12.72	12.72	6 / 4			
	reaction time		3.35	3.58	1.27		# of strides	4.52	3.35	3.58
	velocity	6.64	8.96	8.38	7.87	7.86	54.0	6.64	8.96	8.38
Noda, Iyo (JPN)	time	4.55	7.95	11.53	12.82	12.82	2 / 5			
	reaction time		3.40	3.58	1.29		# of strides	4.55	3.40	3.58
	velocity	6.59	8.82	8.38	7.75	7.80	56.2	6.59	8.82	8.38
Ishibashi, Nozomi (JPN)	time	4.68	8.08	11.60	12.87	12.87	9 / 6			
	reaction time		3.40	3.52	1.27		# of strides	4.68	3.40	3.52
	velocity	6.41	8.82	8.52	7.87	7.77	57.5	6.41	8.82	8.52
Ogawa, Haruka (JPN)	time	4.62	8.08	11.68	12.95	12.95	8 / 7			
	reaction time		3.46	3.60	1.27		# of strides	4.62	3.46	3.60
	velocity	6.49	8.67	8.33	7.87	7.72	56.5	6.49	8.67	8.33
Anno, Miyu (JPN)	time	4.63	8.08	11.73	13.02	13.02	3 / 8			
	reaction time		3.45	3.65	1.29		# of strides	4.63	3.45	3.65
	velocity	6.48	8.70	8.22	7.75	7.68	56.0	6.48	8.70	8.22

2022 Müller Birmingham Diamond League (Birmingham, GBR)

FINAL

date 21-May-22

wind -0.1 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
Asher-Smith, Dina (GBR) (1995)	time		3.11		5.12		7.08		9.07		11.11	11.11	5 / 1			
	reaction time	0.144			2.01		1.96		1.99		2.04		# of strides			
	velocity		6.43		9.95		10.20		10.05		9.80	9.00	49.0			
Jackson, Shericka (JAM) (1994)	time		3.13		5.17		7.13		9.11		11.12	11.12	6 / 3			
	reaction time	0.154			2.04		1.96		1.98		2.01		# of strides			
	velocity		6.39		9.80		10.20		10.10		9.95	8.99	49.0			
Brisco, Mikiah (USA) (1996)	time		3.16		5.19		7.14		9.10		11.14	11.14	3 / 3			
	reaction time	0.125			2.03		1.95		1.96		2.04		# of strides			
	velocity		6.33		9.85		10.26		10.20		9.80	8.98	48.2			
Neita, Daryll (GBR) (1996)	time		3.13		5.16		7.14		9.16		11.25	11.25	7 / 4			
	reaction time	0.141			2.03		1.98		2.02		2.09		# of strides			
	velocity		6.39		9.85		10.10		9.90		9.57	8.89	51.7			
Thomas, Gabrielle (USA) (1996)	time		3.18		5.26		7.26		9.25		11.31	11.31	4 / 5			
	reaction time	0.160			2.08		2.00		1.99		2.06		# of strides			
	velocity		6.29		9.62		10.00		10.05		9.71	8.84	47.0			
Smith-Barnett, Destiny (USA) (1996)	time		3.13		5.21		7.20		9.23		11.35	11.35	1 / 6			
	reaction time	0.127			2.08		1.99		2.03		2.12		# of strides			
	velocity		6.39		9.62		10.05		9.85		9.43	8.81	52.5			
Sturgis, Cambrea (USA) (1999)	time		3.15		5.20		7.22		9.25		11.35	11.35	2 / 7			
	reaction time	0.143			2.05		2.02		2.03		2.10		# of strides			
	velocity		6.35		9.76		9.90		9.85		9.52	8.81	52.0			
Strachan, Anthonique (BAH) (1996)	time		3.17		5.24		7.26		9.30		11.41	11.41	9 / 8			
	reaction time	0.124			2.07		2.02		2.04		2.11		# of strides			
	velocity		6.31		9.66		9.90		9.80		9.48	8.76	46.0			
Del Ponte, Ajla (SUI) (1996)	time		3.24		5.36		7.44		9.55		11.72	11.72	8 / 9			
	reaction time	0.138			2.12		2.08		2.11		2.17		# of strides			
	velocity		6.17		9.43		9.62		9.48		9.22	8.53	51.7			

2021 Weltklasse (Zürich, SUI)

FINAL

date 09-Sep-21

wind 0.6 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
Thompson-Herah, Elaine (JAM) (1996)	time		3.1		5.1		6.9		8.8		10.65	10.65	4 / 1			
	reaction time	0.139			2.00		1.80		1.90		1.85		# of strides			
	velocity		6.45		10.00		11.11		10.53		10.81	9.39	49.7			
Asher-Smith, Dina (GBR) (1995)	time		3.1		5.1		7.0		8.9		10.87	10.87	3 / 2			
	reaction time	0.141			2.00		1.90		1.90		1.97		# of strides			
	velocity		6.45		10.00		10.53		10.53		10.15	9.20	48.0			
Del Ponte, Ajla (SUI) (1996)	time		3.2		5.1		7.1		9.0		10.93	10.93	6 / 3			

reaction time	0.116	interval		1.90	2.00	1.90	1.93		# of strides
		velocity	6.25	10.53	10.00	10.53	10.36	9.15	50.5
Neita, Daryll (GBR) (1996)	time		3.2	5.2	7.1	9.0	10.93	10.93	8 / 4
reaction time	0.117	interval		2.00	1.90	1.90	1.93	PB	# of strides
		velocity	6.25	10.00	10.53	10.53	10.36	9.15	48.0
Kambundji, Mujinga (SUI) (1992)	time		3.2	5.1	7.0	9.0	10.94	10.94	5 / 5
reaction time	0.126	interval		1.90	1.90	2.00	1.94	PB	# of strides
		velocity	6.25	10.53	10.53	10.00	10.31	9.14	52.5
Oliver, Javianne (USA) (1994)	time		3.1	5.1	7.0	9.0	11.02	11.02	2 / 6
reaction time	0.134	interval		2.00	1.90	2.00	2.02		# of strides
		velocity	6.45	10.00	10.53	10.00	9.90	9.07	50.0
Morrison, Natasha (JAM) (1992)	time		3.2	5.2	7.2	9.1	11.10	11.10	1 / 7
reaction time	0.160	interval		2.00	2.00	1.90	2.00		# of strides
		velocity	6.25	10.00	10.00	10.53	10.00	9.01	49.0
Ta Lou, Marie-Josée (CIV) (1988)	time		3.2	5.2	7.2	9.1	11.22	11.22	7 / 8
reaction time	0.157	interval		2.00	2.00	1.90	2.12		# of strides
		velocity	6.25	10.00	10.00	10.53	9.43	8.91	50.0

2021 Athletissima (Lausanne, SUI)**FINAL**

		date	26-Aug-21	wind	1.7 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	
Fraser-Pryce, Shelly-Ann (JAM) ()	time			3.1			5.0		6.9		8.7		10.60	10.60	4 / 1				
	reaction time	0.151	interval				1.90		1.90		1.80		1.90	PB	# of strides				
			velocity		6.45		10.53		10.53		11.11		10.53	9.43	50.0				
Thompson-Herah, Elaine (JAM) ()	time			3.2			5.1		7.0		8.8		10.64	10.64	6 / 2				
	reaction time	0.154	interval				1.90		1.90		1.80		1.84		# of strides				
			velocity		6.25		10.53		10.53		11.11		10.87	9.40	48.2				
Jackson, Shericka (JAM) (1994)	time			3.2			5.2		7.1		9.0		10.92	10.92	5 / 3				
	reaction time	0.190	interval				2.00		1.90		1.90		1.92		# of strides				
			velocity		6.25		10.00		10.53		10.53		10.42	9.16	51.0				
Ta Lou, Marie-Josée (CIV) (1988)	time			3.2			5.2		7.1		9.0		10.84	10.84	3 / 4				
	reaction time	0.166	interval				2.00		1.90		1.90		1.84		# of strides				
			velocity		6.25		10.00		10.53		10.53		10.87	9.23	51.0				
Neita, Daryll (GBR) (1996)	time			3.2			5.2		7.1		9.0		10.96	10.96	8 / 5				
	reaction time	0.137	interval				2.00		1.90		1.90		1.96	=PB	# of strides				
			velocity		6.25		10.00		10.53		10.53		10.20	9.12	47.7				
Del Ponte, Ajla (SUI) (1996)	time			3.2			5.2		7.1		9.0		10.97	10.97	2 / 6				
	reaction time	0.129	interval				2.00		1.90		1.90		1.97		# of strides				
			velocity		6.25		10.00		10.53		10.53		10.15	9.12	49.7				
Kambundji, Mujinga (SUI) (1992)	time			3.2			5.2		7.1		9.1		11.01	11.01	7 / 7				
	reaction time	0.127	interval				2.00		1.90		2.00		1.91		# of strides				
			velocity		6.25		10.00		10.53		10.00		10.47	9.08	51.7				
Burghardt, Alexandra (GER) (1999)	time			3.2			5.2		7.2		9.1		11.12	11.12	1 / 8				
	reaction time	0.155	interval				2.00		2.00		1.90		2.02		# of strides				
			velocity		6.25		10.00		10.00		10.53		9.90	8.99	48.0				

B Race - Heat 2

Race - Heat 2		date 26-Aug-21		wind 1.2 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		
Gutschmidt, Melissa (SUI) (2002)	time				3.3		5.3		7.3		9.3		11.37	11.37	4 / 1					
	reaction time	0.143	interval				2.00		2.00		2.00		2.07	PB	# of strides					
			velocity		6.06		10.00		10.00		10.00		9.66	8.80						
Huemer, Ina (AUT) (1998)	time				3.4		5.5		7.4		9.4		11.47	11.47	5 / 2					
	reaction time	0.154	interval				2.10		1.90		2.00		2.07		# of strides					
			velocity		5.88		9.52		10.53		10.00		9.66	8.72						
Gloor, Michelle (SUI) (2000)	time				3.3		5.4		7.5		9.5		11.62	11.62	2 / 3					
	reaction time	0.164	interval				2.10		2.10		2.00		2.12	PB	# of strides					
			velocity		6.06		9.52		9.52		10.00		9.43	8.61						
Frey, Géraldine (SUI) (1997)	time				3.3		5.4		7.4		9.5		11.64	11.64	7 / 4					
	reaction time	0.163	interval				2.10		2.00		2.10		2.14		# of strides					
			velocity		6.06		9.52		10.00		9.52		9.35	8.59						

Kouni, Natacha (SUI) (2001)	time	3.3	5.4	7.5	9.6	11.71	11.71	6 / 5
reaction time 0.171	interval		2.10	2.10	2.10	2.11		# of strides
	velocity	6.06	9.52	9.52	9.52	9.48	8.54	

B Race - Heat 1

date 26-Aug-21 wind 2.7 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
Visser, Nadine (NED) (1995)	time		3.3		5.2		7.2		9.1		11.11	11.11	3 / 1			
reaction time 0.146	interval				1.90		2.00		1.90		2.01		# of strides			
	velocity		6.06		10.53		10.00		10.53		9.95	9.00				
Kora, Salomé (SUI) (1994)	time		3.3		5.3		7.2		9.1		11.12	11.12	5 / 2			
reaction time 0.155	interval				2.00		1.90		1.90		2.02		# of strides			
	velocity		6.06		10.00		10.53		10.53		9.90	8.99				
Lansiquot, Imani (GBR) (1997)	time		3.3		5.3		7.2		9.2		11.19	11.19	4 / 3			
reaction time 0.149	interval				2.00		1.90		2.00		1.99		# of strides			
	velocity		6.06		10.00		10.53		10.00		10.05	8.94				
Sedney, Naomi (NED) (1994)	time		3.3		5.4		7.4		9.4		11.47	11.47	6 / 4			
reaction time 0.173	interval				2.10		2.00		2.00		2.07		# of strides			
	velocity		6.06		9.52		10.00		10.00		9.66	8.72				
Dietsche, Riccarda (SUI) (1996)	time		3.3		5.3		7.3		9.4		11.52	11.52	7 / 5			
reaction time 0.162	interval				2.00		2.00		2.10		2.12		# of strides			
	velocity		6.06		10.00		10.00		9.52		9.43	8.68				
Bisschops, Minke (NED) (2002)	time		3.3		5.4		7.4		9.4		11.52	11.52	8 / 6			
reaction time 0.139	interval				2.10		2.00		2.00		2.12		# of strides			
	velocity		6.06		9.52		10.00		10.00		9.43	8.68				
Lindner, Magdalena (AUT) (2000)	time		3.3		5.4		7.4		9.4		11.53	11.53	1 / 7			
reaction time 0.162	interval				2.10		2.00		2.00		2.13		# of strides			
	velocity		6.06		9.52		10.00		10.00		9.39	8.67				
Adamek, Klaudia (POL) (1999)	time		3.3		5.4		7.4		9.5		11.53	11.53	2 / 8			
reaction time 0.137	interval				2.10		2.00		2.10		2.03		# of strides			
	velocity		6.06		9.52		10.00		9.52		9.85	8.67				

2021 Prefontaine Classic (Eugene, OR)**FINAL**

date 21-Aug-21 wind 0.9 m/s

Omega Timing (2021) - diamond league race analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Thompson-Herah, Elaine (JAM)	time		3.1		5.1		6.9		8.7		10.54	10.54	6 / 1			
reaction time 0.150	interval				2.00		1.80		1.80		1.84	NR PB	# of strides			
	velocity		6.45		10.00		11.11		11.11		10.87	9.49	49.5			
Fraser-Pryce, Shelly-Ann (JAM)	time		3.1		5.1		6.9		8.8		10.74	10.73	4 / 2			
reaction time 0.137	interval				2.00		1.80		1.90		1.94		# of strides			
	velocity		6.45		10.00		11.11		10.53		10.31	9.32	50.5			
Jackson, Shericka (JAM) (1994)	time		3.1		5.1		7.0		8.9		10.76	10.76	3 / 3			
reaction time 0.150	interval				2.00		1.90		1.90		1.86	=PB	# of strides			
	velocity		6.45		10.00		10.53		10.53		10.75	9.29	48.2			
Daniels, Teahna (USA) (1997)	time		3.1		5.1		7.0		8.9		10.83	10.83	1 / 4			
reaction time 0.129	interval				2.00		1.90		1.90		1.93	PB	# of strides			
	velocity		6.45		10.00		10.53		10.53		10.36	9.23	48.0			
Ta Lou, Marie-Josée (CIV) (1988)	time		3.2		5.2		7.1		9.0		10.90	10.90	7 / 5			
reaction time 0.136	interval				2.00		1.90		1.90		1.90		# of strides			
	velocity		6.25		10.00		10.53		10.53		10.53	9.17	50.7			
Oliver, Javianne (USA) (1994)	time		3.1		5.1		7.0		9.0		10.96	10.96	2 / 6			
reaction time 0.147	interval				2.00		1.90		2.00		1.96	=PB	# of strides			
	velocity		6.45		10.00		10.53		10.00		10.20	9.12	50.0			
Kambundji, Mujinga (SUI) (1992)	time		3.2		5.2		7.1		9.0		10.96	10.96	8 / 7			
reaction time 0.143	interval				2.00		1.90		1.90		1.96		# of strides			
	velocity		6.25		10.00		10.53		10.53		10.20	9.12	51.0			
Williams, Briana (JAM) (2002)	time		3.1		5.1		7.1		9.0		11.09	11.09	9 / 8			
reaction time 0.138	interval				2.00		2.00		1.90		2.09		# of strides			
	velocity		6.45		10.00		10.00		10.53		9.57	9.02	50.0			
Richardson, Sha'Carri (USA) (2001)	time		3.2		5.2		7.2		9.1		11.14	11.14	5 / 9			

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	0.155	interval		2.00	2.00	1.90	2.04		# of strides
velocity			6.25	10.00	10.00	10.53	9.80	8.98	51.5

2020 Olympic Games (Tokyo, JPN)

FINAL

date 31-Jul-21

wind -0.6 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
Thompson-Herah, Elaine (JAM)	time			4.07			6.87		8.72		10.61	10.61	4 / 1			
	reaction time	0.150	interval				2.80		3.74		1.89	OR NR	# of strides	4.07	2.80	
	velocity			7.37			10.71		5.35		10.58	9.43	50.0	7.37	10.71	
Fraser-Pryce, Shelly-Ann (JAM)	time			4.05			6.86		8.76		10.74	10.74	5 / 2			
	reaction time	0.139	interval				2.81		3.88		1.98		# of strides	4.05	2.81	
	velocity			7.41			10.68		5.15		10.10	9.31	50.5	7.41	10.68	
Jackson, Shericka (JAM) (1994)	time			4.09			6.94		8.83		10.76	10.76	7 / 3			
	reaction time	0.152	interval				2.85		3.82		1.93	PB	# of strides	4.09	2.85	
	velocity			7.33			10.53		5.24		10.36	9.29	48.0	7.33	10.53	
Ta Lou, Marie-Josée (CIV) (1988)	time			4.09			6.96		8.91		10.91	10.91	6 / 4			
	reaction time	0.158	interval				2.87		3.95		2.00		# of strides	4.09	2.87	
	velocity			7.33			10.45		5.06		10.00	9.17	50.2	7.33	10.45	
Del Ponte, Ajla (SUI) (1996)	time			4.14			7.04		8.99		10.97	10.97	8 / 5			
	reaction time	0.129	interval				2.90		3.93		1.98		# of strides	4.14	2.90	
	velocity			7.25			10.34		5.09		10.10	9.12	49.7	7.25	10.34	
Kambundji, Mujinga (SUI) (1992)	time			4.12			7.01		8.96		10.99	10.99	9 / 6			
	reaction time	0.138	interval				2.89		3.98		2.03		# of strides	4.12	2.89	
	velocity			7.28			10.38		5.03		9.85	9.10	52.7	7.28	10.38	
Daniels, Teahna (USA) (1997)	time			4.17			7.08		9.03		11.02	11.02	3 / 7			
	reaction time	0.144	interval				2.91		3.94		1.99		# of strides	4.17	2.91	
	velocity			7.19			10.31		5.08		10.05	9.07	48.0	7.19	10.31	
Neita, Daryll (GBR) (1996)	time			4.20			7.11		9.10		11.12	11.12	2 / 8			
	reaction time	0.108	interval				2.91		4.01		2.02		# of strides	4.20	2.91	
	velocity			7.14			10.31		4.99		9.90	8.99	48.0	7.14	10.31	

2021 Japanese High School National Championships (Fukui, JPN)

FINAL

date 29-Jul-21

wind -0.2 m/s

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

		date	20-50m-21	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
Nagaishi, Koyuki (JPN) (2003)	time					2.05	3.23	4.31	5.34	6.36	7.39	8.43	9.48	10.55	11.65	11.65	3 / 1			
	reaction time	0.130	interval				1.18	1.08	1.03	1.02	1.03	1.04	1.05	1.07	1.10	=PB	# of strides	4.31	3.08	3.16
	velocity					4.88	8.47	9.26	9.71	9.80	9.71	9.62	9.52	9.35	9.09	8.58	47.2	6.96	9.74	9.49
Sumi, Ryoko (JPN) (2003)	time					2.06	3.23	4.30	5.34	6.36	7.40	8.44	9.51	10.61	11.73	11.73	5 / 2			
	reaction time	0.140	interval				1.17	1.07	1.04	1.02	1.04	1.04	1.07	1.10	1.12		# of strides	4.30	3.10	3.21
	velocity					4.85	8.55	9.35	9.62	9.80	9.62	9.62	9.35	9.09	8.93	8.53	56.0	6.98	9.68	9.35
Kurahasi, Kiho (JPN) (2004)	time					2.12	3.32	4.41	5.46	6.49	7.52	8.56	9.61	10.68	11.76	11.76	2 / 3			
	reaction time	0.143	interval				1.20	1.09	1.05	1.03	1.03	1.04	1.05	1.07	1.08	PB	# of strides	4.41	3.11	3.16
	velocity					4.72	8.33	9.17	9.52	9.71	9.71	9.62	9.52	9.35	9.26	8.50	49.0	6.80	9.65	9.49
Sato, Misato (JPN) (2003)	time					2.10	3.29	4.37	5.42	6.46	7.50	8.55	9.62	10.71	11.81	11.81	4 / 4			
	reaction time	0.135	interval				1.19	1.08	1.05	1.04	1.04	1.05	1.07	1.09	1.10		# of strides	4.37	3.13	3.21
	velocity					4.76	8.40	9.26	9.52	9.62	9.62	9.52	9.35	9.17	9.09	8.47	53.0	6.86	9.58	9.35
Sakamoto, Minami (JPN) (2006)	time					2.04	3.24	4.33	5.39	6.44	7.49	8.56	9.63	10.72	11.83	11.83	8 / 5			
	reaction time	0.147	interval				1.20	1.09	1.06	1.05	1.05	1.07	1.07	1.09	1.11	PB	# of strides	4.33	3.16	3.23
	velocity					4.90	8.33	9.17	9.43	9.52	9.52	9.35	9.35	9.17	9.01	8.45	52.2	6.93	9.49	9.29
Okuno, Yume (JPN) (2003)	time					2.11	3.31	4.40	5.46	6.50	7.54	8.59	9.66	10.75	11.85	11.85	6 / 6			
	reaction time	0.139	interval				1.20	1.09	1.06	1.04	1.04	1.05	1.07	1.09	1.10		# of strides	4.40	3.14	3.21
	velocity					4.74	8.33	9.17	9.43	9.62	9.62	9.52	9.35	9.17	9.09	8.44	51.0	6.82	9.55	9.35
Satou, Aoi (JPN) (2004)	time					2.18	3.38	4.46	5.51	6.55	7.59	8.64	9.71	10.80	11.91	11.91	1 / 7			
	reaction time	0.205	interval				1.20	1.08	1.05	1.04	1.04	1.05	1.07	1.09	1.11		# of strides	4.46	3.13	3.21
	velocity					4.59	8.33	9.26	9.52	9.62	9.62	9.52	9.35	9.17	9.01	8.40	51.0	6.73	9.58	9.35
Miyamoto, Saya (JPN) (2004)	time					2.13	3.34	4.45	5.52	6.59	7.66	8.74	9.84	10.96	12.10	12.10	7 / 8			
	reaction time	0.128	interval				1.21	1.11	1.07	1.07	1.07	1.08	1.10	1.12	1.14		# of strides	4.45	3.21	3.30
	velocity					4.69	8.26	9.01	9.35	9.35	9.35	9.26	9.09	8.93	8.77	8.26	57.0	6.74	9.35	9.09

2021 Müller British Grand Prix (Gateshead, GBR)

FINAL

date 13-Jul-21

wind 1.5 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
Del Ponte, Ajla (SUI) (1996)	time			3.3		5.3		7.2		9.2		11.19	11.19	5 / 1			
	reaction time	0.178				2.00		1.90		2.00		1.99		# of strides			
	interval velocity			6.06		10.00		10.53		10.00		10.05	8.94				
Bingham, Khamica (CAN) (1994)	time			3.2		5.2		7.2		9.2		11.23	11.23	6 / 2			
	reaction time	0.158				2.00		2.00		2.00		2.03		# of strides			
	interval velocity			6.25		10.00		10.00		10.00		9.85	8.90				
Emmanuel, Crystal (CAN) (1991)	time			3.2		5.3		7.3		9.3		11.36	11.36	4 / 3			
	reaction time	0.177				2.10		2.00		2.00		2.06		# of strides			
	interval velocity			6.25		9.52		10.00		10.00		9.71	8.80				
van Hunenstijn, Marije (NED) (1991)	time			3.3		5.4		7.4		9.4		11.41	11.41	3 / 4			
	reaction time	0.166				2.10		2.00		2.00		2.01		# of strides			
	interval velocity			6.06		9.52		10.00		10.00		9.95	8.76				
van Vliet, Leonie (NED) (1993)	time			3.4		5.5		7.5		9.6		11.66	11.62	2 / 5			
	reaction time	0.215				2.10		2.00		2.10		2.06		# of strides			
	interval velocity			5.88		9.52		10.00		9.52		9.71	8.61				
Madogo, Jacqueline (CAN) (2000)	time			3.4		5.5		7.5		9.6		11.74	11.74	1 / 6			
	reaction time	0.191				2.10		2.00		2.10		2.14		# of strides			
	interval velocity			5.88		9.52		10.00		9.52		9.35	8.52				
Reinle, Cynthia (SUI) (2000)	time			3.3		5.5		7.5		9.6		11.77	11.77	7 / 7			
	reaction time	0.179				2.20		2.00		2.10		2.17		# of strides			
	interval velocity			6.06		9.09		10.00		9.52		9.22	8.50				

2021 Bauhaus Galan (Stockholm, SWE)

National FINAL

date 04-Jul-21

wind -1.3 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
White, Kayla (USA) (1996)	time			3.2		5.2		7.2		9.2		11.23	11.23	4 / 1			
	reaction time	0.149				2.00		2.00		2.00		2.03		# of strides			
	interval velocity			6.25		10.00		10.00		10.00		9.85	8.90	48.0			
Kora, Salomé (SUI) (1994)	time			3.2		5.3		7.3		9.3		11.31	11.31	6 / 2			
	reaction time	0.137				2.10		2.00		2.00		2.01		# of strides			
	interval velocity			6.25		9.52		10.00		10.00		9.95	8.84	51.2			
van Hunenstijn, Marije (NED) (1991)	time			3.3		5.4		7.3		9.3		11.32	11.32	2 / 3			
	reaction time	0.160				2.10		1.90		2.00		2.02		# of strides			
	interval velocity			6.06		9.52		10.53		10.00		9.90	8.83	49.2			
Sedney, Naomi (NED) (1994)	time			3.3		5.3		7.3		9.4		11.44	11.44	7 / 4			
	reaction time	0.165				2.00		2.00		2.10		2.04		# of strides			
	interval velocity			6.06		10.00		10.00		9.52		9.80	8.74	51.0			
Henriksson, Julia (SWE) (2000)	time			3.3		5.4		7.5		9.6		11.66	11.66	1 / 5			
	reaction time	0.171				2.10		2.10		2.10		2.06		# of strides			
	interval velocity			6.06		9.52		9.52		9.52		9.71	8.58	50.5			
Busk, Daniella (SWE) (1993)	time			3.4		5.5		7.6		9.7		11.76	11.76	8 / 6			
	reaction time	0.175				2.10		2.10		2.10		2.06		# of strides			
	interval velocity			5.88		9.52		9.52		9.52		9.71	8.50	49.5			
Anderberg, Nikki (SWE) (2002)	time			3.4		5.5		7.6		9.7		11.97	11.97	3 / 7			
	reaction time	0.153				2.10		2.10		2.10		2.27		# of strides			
	interval velocity			5.88		9.52		9.52		9.52		8.81	8.35	48.0			

2021 Shimane High School Championships (Izumo, JPN)

FINAL

date 29-May-21

wind 2.3 m/s

Shimizu (2021) - shimane high school championships 2021 - biomechanics data analysis

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ishikura, Tamaki (JPN) (2005)	time				4.53			7.77			11.12	12.28	12.28	3 / 1			
	reaction time							3.24			3.35	1.16		# of strides	4.53	3.24	3.35
	interval velocity				6.62			9.26			8.96	8.62	8.14	55.0	6.62	9.26	8.96
Murakami, Tamamo (JPN)	time				4.52			7.75			11.12	12.32	12.32	5 / 2			
	reaction time							3.23			3.37	1.20		# of strides	4.52	3.23	3.37
	interval velocity				6.64			9.29			8.90	8.33	8.12	54.3	6.64	9.29	8.90
Kakuhashi, Kanan (JPN)	time				4.58			7.87			11.23	12.42	12.42	6 / 3			
	reaction time							3.29			3.36	1.19		# of strides	4.58	3.29	3.36

	velocity	6.55	9.12	8.93	8.40	8.05	52.0	6.55	9.12	8.93
Fukumoto, Tomohiro (JPN)	time	4.57	7.87	11.27	12.49	12.49	4 / 4			
reaction time	interval		3.30	3.40	1.22		# of strides	4.57	3.30	3.40
	velocity	6.56	9.09	8.82	8.20	8.01	54.7	6.56	9.09	8.82
Mochida, Kanon (JPN) (2003)	time	4.58	7.92	11.38	12.58	12.58	7 / 5			
reaction time	interval		3.34	3.46	1.20		# of strides	4.58	3.34	3.46
	velocity	6.55	8.98	8.67	8.33	7.95	57.5	6.55	8.98	8.67
内部 百笑	time	4.70	8.03	11.47	12.66	12.66	8 / 6			
reaction time	interval		3.33	3.44	1.19		# of strides	4.70	3.33	3.44
	velocity	6.38	9.01	8.72	8.40	7.90	59.5	6.38	9.01	8.72
Ruu, lida (JPN)	time	4.62	8.03	11.57	12.81	12.81	2 / 7			
reaction time	interval		3.41	3.54	1.24		# of strides	4.62	3.41	3.54
	velocity	6.49	8.80	8.47	8.06	7.81	60.3	6.49	8.80	8.47

2021 Doha Diamond League (Doha, QAT)

FINAL

date 28-May-21		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
Fraser-Pryce, Shelly-Ann (JAM)	time		3.1		5.1		7.0		8.9		10.84	10.84	5 / 1				
	reaction time	0.117			2.00		1.90		1.90		1.94		# of strides				
	velocity		6.45		10.00		10.53		10.53		10.31	9.23	51.0				
Okagbare, Blessing (NGR) (1988)	time		3.2		5.2		7.1		9.0		10.90	10.90	3 / 2				
	reaction time	0.130			2.00		1.90		1.90		1.90		# of strides				
	velocity		6.25		10.00		10.53		10.53		10.53	9.17	47.0				
Oliver, Javianne (USA) (1994)	time		3.1		5.1		7.1		9.0		11.03	11.03	6 / 3				
	reaction time	0.134			2.00		2.00		1.90		2.03		# of strides				
	velocity		6.45		10.00		10.00		10.53		9.85	9.07	50.0				
Ta Lou, Marie-Josée (CIV) (1988)	time		3.2		5.2		7.1		9.1		11.12	11.12	4 / 4				
	reaction time	0.147			2.00		1.90		2.00		2.02		# of strides				
	velocity		6.25		10.00		10.53		10.00		9.90	8.99	51.0				
Cunliffe, Hannah (USA) (1996)	time		3.2		5.2		7.2		9.2		11.22	11.22	7 / 5				
	reaction time	0.135			2.00		2.00		2.00		2.02		# of strides				
	velocity		6.25		10.00		10.00		10.00		9.90	8.91	50.0				
Parker, Kiara (USA) (1996)	time		3.2		5.3		7.2		9.2		11.26	11.26	2 / 6				
	reaction time	0.142			2.10		1.90		2.00		2.06		# of strides				
	velocity		6.25		9.52		10.53		10.00		9.71	8.88	53.2				
Del Ponte, Ajla (SUI) (1996)	time		3.2		5.3		7.3		9.3		11.36	11.36	8 / 7				
	reaction time	0.132			2.10		2.00		2.00		2.06		# of strides				
	velocity		6.25		9.52		10.00		10.00		9.71	8.80	50.2				
Al-Shammari, Mudhawi (KUW)	time		3.3		5.5		7.6		9.7		11.88	11.88	1 / 8				
	reaction time	0.177			2.20		2.10		2.06		2.22	NR PB	# of strides				
	velocity		6.06		9.09		9.52		9.71		9.01	8.42	52.5				

2021 Müller Grand Prix (Gateshead, GBR)

Heat 1

Heat 1

date 23-May-21				wind -4.2 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		
Richardson, Sha'Carri (USA) (2012)				time	3.0		5.1		7.1		9.2		11.53	11.53	5 / 1					
				reaction time	0.174	interval			2.10		2.00		2.10		2.33		# of strides			
						velocity	6.67		9.52		10.00		9.52		8.58	8.67	50.5			
Ta Lou, Marie-Josée (CIV) (1988)				time	3.0		5.0		7.1		9.2		11.58	11.58	4 / 2					
				reaction time	0.147	interval			2.00		2.10		2.10		2.38		# of strides			
						velocity	6.67		10.00		9.52		9.52		8.40	8.64	49.2			
Fraser-Pryce, Shelly-Ann (JAM) (2015)				time	2.9		5.0		7.1		9.2		11.62	11.62	6 / 3					
				reaction time	0.126	interval			2.10		2.10		2.10		2.42		# of strides			
						velocity	6.90		9.52		9.52		9.52		8.26	8.61	52.5			
Oliver, Javianne (USA) (1994)				time	2.9		5.0		7.1		9.2		11.64	11.64	7 / 4					
				reaction time	0.143	interval			2.10		2.10		2.10		2.44		# of strides			
						velocity	6.90		9.52		9.52		9.52		8.20	8.59	52.5			
Morrison, Natasha (JAM) (1992)				time	3.0		5.1		7.2		9.4		11.88	11.88	3 / 5					
				reaction time	0.194	interval			2.10		2.10		2.20		2.48		# of strides			
						velocity	6.67		9.52		9.52		9.09		8.06	8.42	53.0			

Henry, Desiree (GBR) (1995)	time	3.0	5.2	7.3	9.5	11.95	11.95	2 / 6
	reaction time	0.135	interval	2.20	2.10	2.20	2.45	# of strides
	velocity	6.67	9.09	9.52	9.09	8.16	8.37	51.2
Sedney, Zoë (NED) (2001)	time	3.0	5.2	7.4	9.7	12.21	12.21	8 / 7
	reaction time	0.177	interval	2.20	2.20	2.26	2.55	# of strides
	velocity	6.67	9.09	9.09	8.85	7.84	8.19	52.0

2020 Japanese U20 National Championships (Hiroshima, JPN)

FINAL

		date	24-Oct-20	wind	-0.5 m/s	Kobayashi (2020) - national high school and U20 national championships										Official Time	Lane / Place	0-30m	30-60m	60-90m
						10m	20m	30m	40m	50m	60m	70m	80m	90m	100m					
Miura, Yuna (JPN) (2002)	time					2.07	3.28	4.38	5.44	6.49	7.53	8.59	9.66	10.76	11.90	11.90	5 / 1			
	reaction time	0.128	interval				1.21	1.10	1.06	1.05	1.04	1.06	1.07	1.10	1.14		# of strides	4.38	3.15	3.23
	velocity					4.83	8.26	9.09	9.43	9.52	9.62	9.43	9.35	9.09	8.77	8.40	52.1	6.85	9.52	9.29
Kageyama, Sakiho (JPN) (2002)	time					2.05	3.23	4.32	5.37	6.42	7.48	8.54	9.63	10.75	11.90	11.90	3 / 2			
	reaction time	0.148	interval				1.18	1.09	1.05	1.05	1.06	1.06	1.09	1.12	1.15		# of strides	4.32	3.16	3.27
	velocity					4.88	8.47	9.17	9.52	9.52	9.43	9.43	9.17	8.93	8.70	8.40	56.3	6.94	9.49	9.17
Tanaka, Kiyono (JPN) (2002)	time					2.04	3.24	4.34	5.41	6.46	7.53	8.60	9.71	10.84	12.02	12.02	6 / 3			
	reaction time	0.144	interval				1.20	1.10	1.07	1.05	1.07	1.07	1.11	1.13	1.18		# of strides	4.34	3.19	3.31
	velocity					4.90	8.33	9.09	9.35	9.52	9.35	9.35	9.01	8.85	8.47	8.32	51.2	6.91	9.40	9.06
Taro, Haruka (JPN)	time					2.12	3.32	4.42	5.49	6.54	7.60	8.67	9.77	10.89	12.06	12.06	7 / 4			
	reaction time	0.147	interval				1.20	1.10	1.07	1.05	1.06	1.07	1.10	1.12	1.17		# of strides	4.42	3.18	3.29
	velocity					4.72	8.33	9.09	9.35	9.52	9.43	9.35	9.09	8.93	8.55	8.29	53.0	6.79	9.43	9.12
Kato, Shiori (JPN) (2001)	time					2.11	3.33	4.44	5.52	6.57	7.63	8.71	9.80	10.94	12.11	12.11	8 / 5			
	reaction time	0.147	interval				1.22	1.11	1.08	1.05	1.06	1.08	1.09	1.14	1.17		# of strides	4.44	3.19	3.31
	velocity					4.74	8.20	9.01	9.26	9.52	9.43	9.26	9.17	8.77	8.55	8.26	51.8	6.76	9.40	9.06
Fuka Ido, Abbygail (JPN) (2001)	time					2.16	3.39	4.51	5.60	6.66	7.73	8.81	9.89	11.00	12.14	12.17	4 / 6			
	reaction time	0.176	interval				1.23	1.12	1.09	1.06	1.07	1.08	1.08	1.11	1.14		# of strides	4.51	3.22	3.27
	velocity					4.63	8.13	8.93	9.17	9.43	9.35	9.26	9.26	9.01	8.77	8.22	50.4	6.65	9.32	9.17

2020 Japanese High School National Championships (Hiroshima, JPN)

A FINAL

		date	24-Oct-20	wind	2.0 m/s	Kobayashi (2020) - national high school and U20 national championships										Official Time	Lane / Place	0-30m	30-60m	60-90m
						10m	20m	30m	40m	50m	60m	70m	80m	90m	100m					
Ishikawa, Yu (JPN) (2002)	time					2.06	3.24	4.31	5.34	6.35	7.37	8.39	9.43	10.48	11.56	11.56	6 / 1			
	reaction time	0.163	interval				1.18	1.07	1.03	1.01	1.02	1.02	1.04	1.05	1.08		# of strides	4.31	3.06	3.11
	velocity					4.85	8.47	9.35	9.71	9.90	9.80	9.80	9.62	9.52	9.26	8.65	51.0	6.96	9.80	9.65
Aoyama, Hanae (JPN) (2002)	time					2.05	3.23	4.32	5.36	6.39	7.42	8.47	9.53	10.61	11.71	11.71	3 / 2			
	reaction time	0.164	interval				1.18	1.09	1.04	1.03	1.03	1.05	1.06	1.08	1.10		# of strides	4.32	3.10	3.19
	velocity					4.88	8.47	9.17	9.62	9.71	9.71	9.52	9.43	9.26	9.09	8.54	49.6	6.94	9.68	9.40
Ishido, Hina (JPN) (2002)	time					2.07	3.28	4.38	5.43	6.46	7.49	8.53	9.59	10.68	11.79	11.79	4 / 3			
	reaction time	0.143	interval				1.21	1.10	1.05	1.03	1.03	1.04	1.06	1.09	1.11		# of strides	4.38	3.11	3.19
	velocity					4.83	8.26	9.09	9.52	9.71	9.71	9.62	9.43	9.17	9.01	8.48	52.9	6.85	9.65	9.40
Sumi, Yoshiko (JPN)	time					2.11	3.31	4.40	5.46	6.49	7.54	8.59	9.66	10.75	11.88	11.88	5 / 4			
	reaction time	0.151	interval				1.20	1.09	1.06	1.03	1.05	1.05	1.07	1.09	1.13		# of strides	4.40	3.14	3.21
	velocity					4.74	8.33	9.17	9.43	9.71	9.52	9.52	9.35	9.17	8.85	8.42	56.5	6.82	9.55	9.35
Tsuruzawa, Arisa (JPN)	time					2.06	3.26	4.37	5.44	6.50	7.56	8.62	9.70	10.80	11.92	11.92	2 / 5			
	reaction time	0.138	interval				1.20	1.11	1.07	1.06	1.06	1.06	1.08	1.10	1.12		# of strides	4.37	3.19	3.24
	velocity					4.85	8.33	9.01	9.35	9.43	9.43	9.43	9.26	9.09	8.93	8.39	52.6	6.86	9.40	9.26
Takara, Kana (JPN)	time					2.07	3.28	4.38	5.45	6.51	7.56	8.63	9.72	10.82	11.96	11.96	1 / 6			
	reaction time	0.147	interval				1.21	1.10	1.07	1.06	1.05	1.07	1.09	1.10	1.14		# of strides	4.38	3.18	3.26
	velocity					4.83	8.26	9.09	9.35	9.43	9.52	9.35	9.17	9.09	8.77	8.36	53.8	6.85	9.43	9.20

2020 Japanese National Championships (Niigata, JPN)

FINAL

		date	02-Oct-20	wind	0.5 m/s	Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions										Official Time	Lane / Place	0-30m	30-60m	60-90m
						10m	20m	30m	40m	50m	60m	70m	80m	90m	100m					
Kodama, Mei (JPN) (1999)	time					2.03	3.19	4.25	5.26	6.26	7.26	8.26	9.27	10.30	11.36	11.36	4 / 1			
	reaction time	0.147	interval				1.16	1.06	1.01	1.00	1.00	1.00	1.01	1.03	1.06		# of strides	4.25	3.01	3.04
	velocity					4.93	8.62	9.43	9.90	10.00	10.00	10.00	9.90	9.71	9.43	8.80		7.06	9.97	9.87
Tsuruta, Remi (JPN) (1997)	time					2.05	3.21	4.28	5.32	6.33	7.35	8.37	9.41	10.46	11.53	11.53	5 / 2			
	reaction time	0.158	interval				1.16	1.07	1.04	1.01	1.02	1.02	1.04	1.05	1.07		# of strides	4.28	3.07	3.11
	velocity					4.88	8.62	9.35	9.62	9.90	9.80	9.80	9.62	9.52	9.35	8.67		7.01	9.77	9.65

Ishikawa, Yu (JPN) (2002)	time	2.08	3.26	4.33	5.37	6.40	7.43	8.46	9.51	10.57	11.66	11.66	6 / 3			
	reaction time 0.158	interval	1.18	1.07	1.04	1.03	1.03	1.03	1.05	1.06	1.09	PB	# of strides	4.33	3.10	3.14
	velocity	4.81	8.47	9.35	9.62	9.71	9.71	9.71	9.52	9.43	9.17	8.58		6.93	9.68	9.55
Hanae, Aoyama (JPN) (2002)	time	2.00	3.17	4.25	5.29	6.33	7.36	8.41	9.49	10.59	11.72	11.72	8 / 4			
	reaction time 0.121	interval	1.17	1.08	1.04	1.04	1.03	1.05	1.08	1.10	1.13		# of strides	4.25	3.11	3.23
	velocity	5.00	8.55	9.26	9.62	9.62	9.71	9.52	9.26	9.09	8.85	8.53		7.06	9.65	9.29
Iki, Aiko (JPN) (2000)	time	2.09	3.29	4.39	5.45	6.48	7.52	8.56	9.61	10.68	11.77	11.77	4 / 5			
	reaction time 0.171	interval	1.20	1.10	1.06	1.03	1.04	1.04	1.05	1.07	1.09		# of strides	4.39	3.13	3.16
	velocity	4.78	8.33	9.09	9.43	9.71	9.62	9.62	9.52	9.35	9.17	8.50		6.83	9.58	9.49
Adachi, Marin (JPN) (2003)	time	2.01	3.19	4.28	5.33	6.38	7.43	8.49	9.57	10.67	11.80	11.80	7 / 6			
	reaction time 0.112	interval	1.18	1.09	1.05	1.05	1.05	1.06	1.08	1.10	1.13		# of strides	4.28	3.15	3.24
	velocity	4.98	8.47	9.17	9.52	9.52	9.52	9.43	9.26	9.09	8.85	8.47		7.01	9.52	9.26
Ishido, Hina (JPN) (2002)	time	2.05	3.26	4.36	5.42	6.46	7.49	8.54	9.60	10.69	11.81	11.81	9 / 7			
	reaction time 0.141	interval	1.21	1.10	1.06	1.04	1.03	1.05	1.06	1.09	1.12		# of strides	4.36	3.13	3.20
	velocity	4.88	8.26	9.09	9.43	9.62	9.71	9.52	9.43	9.17	8.93	8.47		6.88	9.58	9.38
Yuasa, Kanako (JPN) (1997)	time	2.07	3.27	4.37	5.43	6.48	7.53	8.59	9.66	10.77	11.90	11.90	2 / 8			
	reaction time 0.148	interval	1.20	1.10	1.06	1.05	1.05	1.06	1.07	1.11	1.13		# of strides	4.37	3.16	3.24
	velocity	4.83	8.33	9.09	9.43	9.52	9.52	9.43	9.35	9.01	8.85	8.40		6.86	9.49	9.26

2020 All Japan Corporate Championships (Kumagaya, JPN)

FINAL

date	19-Sep-20	wind	-0.8 m/s	Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions														
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tsuruta, Remi (JPN) (1997)	time	2.07	3.27	4.37	5.43	6.47	7.52	8.57	9.63	10.70	11.79	11.79	/ 1					
	interval		1.20	1.10	1.06	1.04	1.05	1.05	1.06	1.07	1.09		# of strides	4.37	3.15	3.18		
	velocity	4.83	8.33	9.09	9.43	9.62	9.52	9.52	9.43	9.35	9.17	8.48		6.86	9.52	9.43		
Yuasa, Kanako (JPN) (1997)	time	2.06	3.26	4.35	5.41	6.46	7.51	8.57	9.64	10.73	11.85	11.85	/ 2					
	interval		1.20	1.09	1.06	1.05	1.05	1.06	1.07	1.09	1.12		# of strides	4.35	3.16	3.22		
	velocity	4.85	8.33	9.17	9.43	9.52	9.52	9.43	9.35	9.17	8.93	8.44		6.90	9.49	9.32		
Terada, Asuka (JPN) (1990)	time	2.05	3.24	4.33	5.39	6.44	7.49	8.56	9.65	10.78	11.93	11.93	/ 3					
	interval		1.19	1.09	1.06	1.05	1.05	1.07	1.09	1.13	1.15		# of strides	4.33	3.16	3.29		
	velocity	4.88	8.40	9.17	9.43	9.52	9.52	9.35	9.17	8.85	8.70	8.38		6.93	9.49	9.12		
Kanai, Marumi (JPN) (1997)	time	2.03	3.22	4.32	5.38	6.43	7.49	8.57	9.66	10.79	11.95	11.95	/ 4					
	interval		1.19	1.10	1.06	1.05	1.06	1.08	1.09	1.13	1.16		# of strides	4.32	3.17	3.30		
	velocity	4.93	8.40	9.09	9.43	9.52	9.43	9.26	9.17	8.85	8.62	8.37		6.94	9.46	9.09		

B Final

	date	19-Sep-20	wind	-0.7 m/s	Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions												
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m
1996)	time		2.07	3.26	4.35	5.42	6.47	7.54	8.61	9.70	10.81	11.95	11.95	/ 1			
	interval			1.19	1.09	1.07	1.05	1.07	1.07	1.09	1.11	1.14		# of strides	4.35	3.19	3.27
	velocity		4.83	8.40	9.17	9.35	9.52	9.35	9.35	9.17	9.01	8.77	8.37		6.90	9.40	9.17
	time		2.07	3.28	4.40	5.47	6.54	7.61	8.68	9.76	10.86	11.98	11.98	/ 2			
	interval			1.21	1.12	1.07	1.07	1.07	1.07	1.08	1.10	1.12		# of strides	4.40	3.21	3.25
	velocity		4.83	8.26	8.93	9.35	9.35	9.35	9.35	9.26	9.09	8.93	8.35		6.82	9.35	9.23

2020 Golden Gala Pietro Mennea (Rome, ITA)

FINAL

	date	17-Sep-20	wind	0.2 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
AM)	(time			3.1		5.1		7.0		8.9		10.84	10.85	5 / 1				
	0.146 interval				2.00		1.90		1.90		1.94			# of strides				
	velocity			6.45		10.00		10.53		10.53		10.31	9.22	50.7				
	time			3.2		5.2		7.2		9.1		11.12	11.12	4 / 2				
	0.139 interval				2.00		2.00		1.90		2.02			# of strides				
	velocity			6.25		10.00		10.00		10.53		9.90	8.99	50.7				
1988)	time			3.2		5.2		7.1		9.1		11.14	11.14	7 / 3				
	0.144 interval				2.00		1.90		2.00		2.04			# of strides				
	velocity			6.25		10.00		10.53		10.00		9.80	8.98	51.5				
	time			3.2		5.2		7.2		9.2		11.19	11.19	6 / 4				
	0.121 interval				2.00		2.00		2.00		1.99			# of strides				
	velocity			6.25		10.00		10.00		10.00		10.05	8.94	50.0				
97)	time			3.2		5.3		7.2		9.2		11.23	11.23	2 / 5				
	0.143 interval				2.10		1.90		2.00		2.03			# of strides				

	velocity	6.25	9.52	10.53	10.00	9.85	8.90	47.5
White, Kayla (USA) (1996)	time	3.2	5.2	7.2	9.3	11.27	11.27	3 / 6
reaction time 0.147	interval		2.00	2.00	2.10	1.97		# of strides
	velocity	6.25	10.00	10.00	9.52	10.15	8.87	48.5
Bongiorni, Anna (ITA) (1993)	time	3.2	5.3	7.2	9.3	11.38	11.38	1 / 7
reaction time 0.152	interval		2.10	1.90	2.10	2.08		# of strides
	velocity	6.25	9.52	10.53	9.52	9.62	8.79	53.0
van Hunenstijn, Marije (NED) (1991)	time	3.3	5.4	7.3	9.4	11.42	11.42	9 / 8
reaction time 0.149	interval		2.10	1.90	2.10	2.02		# of strides
	velocity	6.06	9.52	10.53	9.52	9.90	8.76	49.7
Strachan, Anthonique (BAH) (1991)	time	3.3	5.4	7.4	9.4	11.42	11.42	8 / 9
reaction time 0.167	interval		2.10	2.00	2.00	2.02		# of strides
	velocity	6.06	9.52	10.00	10.00	9.90	8.76	46.0

2020 World Athletics Trials (Fuji, JPN)

FINAL

INAL	date	06-Sep-20	wind	Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions															
		1.4 m/s	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Ishido, Hina (JPN) (2002)	time		2.01	3.21	4.30	5.35	6.38	7.41	8.44	9.49	10.55	11.65	11.65	/ 1					
	reaction time			1.20	1.09	1.05	1.03	1.03	1.03	1.05	1.06	1.10		# of strides	4.30	3.11	3.14		
	velocity		4.98	8.33	9.17	9.52	9.71	9.71	9.71	9.52	9.43	9.09	8.58		6.98	9.65	9.55		
Nagura, Chiaki (JPN) (1993)	time		2.01	3.22	4.32	5.38	6.42	7.47	8.52	9.59	10.69	11.83	11.83	/ 2					
	reaction time			1.21	1.10	1.06	1.04	1.05	1.05	1.07	1.10	1.14		# of strides	4.32	3.15	3.22		
	velocity		4.98	8.26	9.09	9.43	9.62	9.52	9.52	9.35	9.09	8.77	8.45		6.94	9.52	9.32		
Adachi, Marin (JPN) (2003)	time		2.06	3.26	4.35	5.40	6.45	7.49	8.55	9.62	10.72	11.84	11.84	/ 3					
	reaction time			1.20	1.09	1.05	1.05	1.04	1.06	1.07	1.10	1.12		# of strides	4.35	3.14	3.23		
	velocity		4.85	8.33	9.17	9.52	9.52	9.62	9.43	9.35	9.09	8.93	8.45		6.90	9.55	9.29		
Wada, Maki (JPN) (1986)	time		2.07	3.28	4.38	5.44	6.48	7.53	8.58	9.66	10.76	11.89	11.89	/ 4					
	reaction time			1.21	1.10	1.06	1.04	1.05	1.05	1.08	1.10	1.13		# of strides	4.38	3.15	3.23		
	velocity		4.83	8.26	9.09	9.43	9.62	9.52	9.52	9.26	9.09	8.85	8.41		6.85	9.52	9.29		

Heat 1

Heat 1	date	06-Sep-20	wind	1.3 m/s	Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions														
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Takahashi, Asuka (JPN) (1991)	time		2.05	3.23	4.32	5.38	6.42	7.46	8.52	9.58	10.67	11.78	11.78		/ 1				
	reaction time	interval		1.18	1.09	1.06	1.04	1.04	1.06	1.06	1.09	1.11		# of strides	4.32	3.14	3.21		
	velocity		4.88	8.47	9.17	9.43	9.62	9.62	9.43	9.43	9.17	9.01	8.49		6.94	9.55	9.35		

2020 Memorial Van Damme (Brussels, BEL)

FINAL

		date	04-Sep-20	wind	0.2 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
Rosius, Rani (BEL) (2000)	time						3.3		5.3		7.3		9.3		11.43	11.43	5 / 1			
	reaction time	0.161	interval						2.00		2.00		2.00		2.13		# of strides			
			velocity				6.06		10.00		10.00		10.00		9.39	8.75	51.2			
Zahi, Carolle (FRA) (1994)	time						3.3		5.3		7.4		9.4		11.56	11.56	4 / 2			
	reaction time	0.173	interval						2.00		2.10		2.00		2.16		# of strides			
			velocity				6.06		10.00		9.52		10.00		9.26	8.65	49.5			
Siragusa, Irene (ITA) (1993)	time						3.3		5.4		7.4		9.5		11.57	11.57	6 / 3			
	reaction time	0.147	interval						2.10		2.00		2.10		2.07		# of strides			
			velocity				6.06		9.52		10.00		9.52		9.66	8.64	54.0			
Kramer, Mathilde (DEN) (1993)	time						3.3		5.4		7.4		9.5		11.58	11.58	8 / 4			
	reaction time	0.137	interval						2.10		2.00		2.10		2.08		# of strides			
			velocity				6.06		9.52		10.00		9.52		9.62	8.64	48.7			
Tenorio, Ángela (ECU) (1996)	time						3.3		5.4		7.5		9.5		11.68	11.68	3 / 5			
	reaction time	0.153	interval						2.10		2.10		2.00		2.18		# of strides			
			velocity				6.06		9.52		9.52		10.00		9.17	8.56	50.5			
Bolingó, Cynthia (BEL) (1993)	time						3.3		5.4		7.5		9.6		11.72	11.72	7 / 6			
	reaction time	0.172	interval						2.10		2.10		2.10		2.12		# of strides			
			velocity				6.06		9.52		9.52		9.52		9.43	8.53	51.5			
Fontana, Vittoria (ITA) (2000)	time						3.3		5.5		7.5		9.6		11.74	11.74	2 / 7			
	reaction time	0.158	interval						2.20		2.00		2.10		2.14		# of strides			
			velocity				6.06		9.09		10.00		9.52		9.35	8.52	50.7			

2020 Athlete Night Games (Fukui, JPN)

FINAL

date 29-Aug-20 wind 1.1 m/s

Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tsuruta, Remi (JPN) (1997)	time	2.04	3.22	4.29	5.32	6.34	7.35	8.36	9.38	10.42	11.48	11.48	/ 1			
	reaction time		1.18	1.07	1.03	1.02	1.01	1.01	1.02	1.04	1.06	PB	# of strides	4.29	3.06	3.07
	velocity	4.90	8.47	9.35	9.71	9.80	9.90	9.90	9.80	9.62	9.43	8.71		6.99	9.80	9.77
Iki, Aiko (JPN) (2000)	time	2.07	3.28	4.37	5.42	6.45	7.47	8.49	9.52	10.56	11.62	11.62	/ 2			
	reaction time		1.21	1.09	1.05	1.03	1.02	1.02	1.03	1.04	1.06	PB	# of strides	4.37	3.10	3.09
	velocity	4.83	8.26	9.17	9.52	9.71	9.80	9.80	9.71	9.62	9.43	8.61		6.86	9.68	9.71
Yuasa, Kanako (JPN) (1997)	time	2.03	3.22	4.31	5.35	6.38	7.41	8.44	9.49	10.56	11.65	11.65	/ 3			
	reaction time		1.19	1.09	1.04	1.03	1.03	1.03	1.05	1.07	1.09		# of strides	4.31	3.10	3.15
	velocity	4.93	8.40	9.17	9.62	9.71	9.71	9.71	9.52	9.35	9.17	8.58		6.96	9.68	9.52
Miura, Yuna (JPN) (2002)	time	2.06	3.25	4.33	5.38	6.40	7.43	8.46	9.51	10.57	11.67	11.67	/ 4			
	reaction time		1.19	1.08	1.05	1.02	1.03	1.03	1.05	1.06	1.10		# of strides	4.33	3.10	3.14
	velocity	4.85	8.40	9.26	9.52	9.80	9.71	9.71	9.52	9.43	9.09	8.57		6.93	9.68	9.55
Iki, Ichiko (JPN) (1997)	time	2.04	3.23	4.33	5.38	6.42	7.46	8.51	9.57	10.66	11.77	11.77	/ 5			
	reaction time		1.19	1.10	1.05	1.04	1.04	1.05	1.06	1.09	1.11		# of strides	4.33	3.13	3.20
	velocity	4.90	8.40	9.09	9.52	9.62	9.62	9.52	9.43	9.17	9.01	8.50		6.93	9.58	9.38

2020 Bauhaus Galan (Stockholm, SWE)

FINAL

date 23-Aug-20 wind 1.3 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
Del Ponte, Ajla (SUI) (1996)	time		3.3		5.3		7.2		9.2		11.20	11.20	5 / 1			
	reaction time 0.150				2.00		1.90		2.00		2.00		# of strides			
	velocity		6.06		10.00		10.53		10.00		10.00	8.93		50.2		
van Hünenstijn, Marije (NED) (1991)	time		3.3		5.3		7.3		9.3		11.28	11.28	8 / 2			
	reaction time 0.154				2.00		2.00		2.00		1.98		# of strides			
	velocity		6.06		10.00		10.00		10.00		10.10	8.87		48.5		
Ta Lou, Marie Josée (CIV) (1988)	time		3.2		5.3		7.2		9.2		11.32	11.32	4 / 3			
	reaction time 0.150				2.10		1.90		2.00		2.12		# of strides			
	velocity		6.25		9.52		10.53		10.00		9.43	8.83		52.0		
Haase, Rebekka (GER) (1993)	time		3.3		5.4		7.3		9.3		11.32	11.32	3 / 4			
	reaction time 0.141				2.10		1.90		2.00		2.02		# of strides			
	velocity		6.06		9.52		10.53		10.00		9.90	8.83		50.2		
Lückenkemper, Gina (GER) (1996)	time		3.3		5.3		7.3		9.3		11.33	11.33	7 / 5			
	reaction time 0.202				2.00		2.00		2.00		2.03		# of strides			
	velocity		6.06		10.00		10.00		10.00		9.85	8.83		50.2		
Zahi, Carolle (FRA) (1994)	time		3.2		5.3		7.2		9.3		11.34	11.34	6 / 6			
	reaction time 0.158				2.10		1.90		2.10		2.04		# of strides			
	velocity		6.25		9.52		10.53		9.52		9.80	8.82		49.0		
Lalova-Collio, Ivet (BUL) (1984)	time		3.3		5.4		7.4		9.4		11.49	11.49	2 / 7			
	reaction time 0.148				2.10		2.00		2.00		2.09		# of strides			
	velocity		6.06		9.52		10.00		10.00		9.57	8.70		51.0		
Sowe, Fatou (GAM) (1993)	time		3.3		5.3		7.4		9.4		11.53	11.53	1 / 8			
	reaction time 0.140				2.00		2.10		2.00		2.13	PB	# of strides			
	velocity		6.06		10.00		9.52		10.00		9.39	8.67		50.5		

2020 Seiko Golden Grand Prix (Tokyo, JPN)

FINAL

date 23-Aug-20 wind -0.9 m/s

Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kodama, Mei (JPN) (1999)	time	2.03	3.22	4.31	5.35	6.37	7.40	8.43	9.47	10.53	11.62	11.62	9 / 1			
	reaction time 0.131		1.19	1.09	1.04	1.02	1.03	1.03	1.04	1.06	1.09	PB	# of strides	4.31	3.09	3.13
	velocity	4.93	8.40	9.17	9.62	9.80	9.71	9.71	9.62	9.43	9.17	8.61		6.96	9.71	9.58
Tsuruta, Remi (JPN) (1997)	time	2.05	3.24	4.34	5.39	6.44	7.48	8.52	9.58	10.64	11.72	11.72	2 / 2			
	reaction time 0.162		1.19	1.10	1.05	1.05	1.04	1.04	1.06	1.06	1.08		# of strides	4.34	3.14	3.16
	velocity	4.88	8.40	9.09	9.52	9.52	9.62	9.62	9.43	9.43	9.26	8.53		6.91	9.55	9.49
Ishido, Hina (JPN) (2002)	time	2.02	3.22	4.32	5.38	6.43	7.48	8.54	9.62	10.72	11.86	11.86	8 / 3			
	reaction time 0.125		1.20	1.10	1.06	1.05	1.05	1.06	1.08	1.10	1.14		# of strides	4.32	3.16	3.24
	velocity	4.95	8.33	9.09	9.43	9.52	9.52	9.43	9.26	9.09	8.77	8.43		6.94	9.49	9.26
Yuasa, Kanako (JPN) (1997)	time	2.05	3.26	4.36	5.43	6.49	7.54	8.61	9.70	10.81	11.95	11.95	7 / 4			

reaction time	0.144	interval	1.21	1.10	1.07	1.06	1.05	1.07	1.09	1.11	1.14		# of strides	4.36	3.18	3.27	
		velocity	4.88	8.26	9.09	9.35	9.43	9.52	9.35	9.17	9.01						8.77
Aoyama Hanae (JPN) (2002)		time	2.06	3.25	4.34	5.41	6.46	7.53	8.60	9.70	10.82	11.97		4 / 5			
reaction time	0.158	interval		1.19	1.09	1.07	1.05	1.07	1.07	1.10	1.12	1.15		# of strides	4.34	3.19	3.29
		velocity	4.85	8.40	9.17	9.35	9.52	9.35	9.35	9.09	8.93	8.70					
Kageyama Sakiho (JPN) (2002)		time	2.05	3.24	4.34	5.42	6.49	7.56	8.64	9.74	10.86	11.99		3 / 6			
reaction time	0.150	interval		1.19	1.10	1.08	1.07	1.07	1.08	1.10	1.12	1.13		# of strides	4.34	3.22	3.30
		velocity	4.88	8.40	9.09	9.26	9.35	9.35	9.26	9.09	8.93	8.85					
Mikase Midori (JPN) (2001)		time	2.06	3.27	4.37	5.43	6.49	7.55	8.63	9.73	10.85	12.01		5 / 7			
reaction time	0.148	interval		1.21	1.10	1.06	1.06	1.06	1.08	1.10	1.12	1.16		# of strides	4.37	3.18	3.30
		velocity	4.85	8.26	9.09	9.43	9.43	9.43	9.26	9.09	8.93	8.62					
Sagi Mayako (JPN) (2003)		time	2.12	3.33	4.44	5.52	6.59	7.65	8.73	9.82	10.94	12.07		1 / 8			
reaction time	0.194	interval		1.21	1.11	1.08	1.07	1.06	1.08	1.09	1.12	1.13		# of strides	4.44	3.21	3.29
		velocity	4.72	8.26	9.01	9.26	9.35	9.43	9.26	9.17	8.93	8.85					

2020 Shimane High School Championships (Izumo, JPN)

FINAL

date	11-Jul-20	wind	2.1 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	
3)	time			4.38			7.65			11.05	12.28	12.28	4 / 1				
	interval						3.27			3.40	1.23		# of strides	4.38	3.27	3.40	
	velocity			6.85			9.17			8.82	8.13	8.14	54.7	6.85	9.17	8.82	
	time			4.52			7.82			11.20	12.39	12.39	6 / 2				
	interval						3.30			3.38	1.19		# of strides	4.52	3.30	3.38	
	velocity			6.64			9.09			8.88	8.40	8.07	59.0	6.64	9.09	8.88	
	time			4.60			7.95			11.37	12.59	12.59	7 / 3				
	interval						3.35			3.42	1.22		# of strides	4.60	3.35	3.42	
	velocity			6.52			8.96			8.77	8.20	7.94	60.0	6.52	8.96	8.77	
	time			4.62			7.95			11.42	12.67	12.67	5 / 4				
	interval						3.33			3.47	1.25		# of strides	4.62	3.33	3.47	
	velocity			6.49			9.01			8.65	8.00	7.89	56.0	6.49	9.01	8.65	
	time			4.55			7.88			11.45	12.73	12.73	9 / 5				
	interval						3.33			3.57	1.28		# of strides	4.55	3.33	3.57	
	velocity			6.59			9.01			8.40	7.81	7.86	55.3	6.59	9.01	8.40	
	time			4.57			7.97			11.50	12.76	12.76	8 / 6				
	interval						3.40			3.53	1.26		# of strides	4.57	3.40	3.53	
velocity			6.56			8.82			8.50	7.94	7.84	56.0	6.56	8.82	8.50		
time			4.70			8.23			11.88	13.17	13.17	3 / 7					
interval						3.53			3.65	1.29		# of strides	4.70	3.53	3.65		
velocity			6.38			8.50			8.22	7.75	7.59	55.0	6.38	8.50	8.22		

2020 Millrose Games (New York, NY)

FINAL

date		08-Feb-20							PrimeTime Timing (2020) - http://results.nyrrmillrosegames.org/					
		10m	20m	30m	40m	50m	60m		Official Time	Lane / Place	0-30m	30-60m	60-90m	
4)	time	2.13	3.21	4.21	5.20	6.16	7.13		7.13	2 / 1				
0.203	interval		1.08	1.00	0.99	0.96	0.97			# of strides	4.21	2.92		
	velocity	4.69	9.26	10.00	10.10	10.42	10.31		8.42	32.0	7.13	10.27		
(1994)	time	2.16	3.24	4.45			7.16		7.16	3 / 2				
0.191	interval		1.08	1.21			2.71			# of strides	4.45	2.71		
	velocity	4.63	9.26	8.26			11.07		8.38	34.0	6.74	11.07		
(2002)	time	2.15	3.23	4.23	5.23	6.21	7.18		7.18	6 / 3				
0.176	interval		1.08	1.00	1.00	0.98	0.97		NJR PB	# of strides	4.23	2.95		
	velocity	4.65	9.26	10.00	10.00	10.20	10.31		8.36	31.7	7.09	10.17		
(7)	time	2.17	3.26	4.30	5.29	6.29	7.29		7.29	4 / 4				
0.162	interval		1.09	1.04	0.99	1.00	1.00			# of strides	4.30	2.99		
	velocity	4.61	9.17	9.62	10.10	10.00	10.00		8.23	31.2	6.98	10.03		
(1996)	time	2.17	3.27	4.29	5.33	6.32	7.30		7.30	7 / 5				
0.147	interval		1.10	1.02	1.04	0.99	0.98			# of strides	4.29	3.01		
	velocity	4.61	9.09	9.80	9.62	10.10	10.20		8.22	31.0	6.99	9.97		
	time	2.20	3.33	4.32	5.33	6.25	7.32		7.32	5 / 6				
0.170	interval		1.13	0.99	1.01	0.92	1.07			# of strides	4.32	3.00		

velocity	4.55	8.85	10.10	9.90	10.87	9.35	8.20	31.0	6.94	10.00
Pinto, Tatjana (GER) (1992) time	2.21	3.30	4.35	5.35	6.35	7.33	7.33	1 / 7		
reaction time 0.193 interval		1.09	1.05	1.00	1.00	0.98		# of strides	4.35	2.98
velocity	4.52	9.17	9.52	10.00	10.00	10.20	8.19	20.5	6.90	10.07
Williamson, Trudy Ann (JAM) (1981) time	2.10	3.22	4.26	5.30	6.32	7.37	7.37	8 / 8		
reaction time 0.135 interval		1.12	1.04	1.04	1.02	1.05	=PB	# of strides	4.26	3.11
velocity	4.76	8.93	9.62	9.62	9.80	9.52	8.14	32.2	7.04	9.65

U20 FINAL

date 08-Feb-20

PrimeTime Timing (2020) - <http://results.nyrrmillrosegames.org/>

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jackson, Shawnti (USA) (2000) time	2.21	3.33	4.36	5.38	6.40	7.40	7.40	5 / 1				
reaction time interval			1.12	1.03	1.02	1.02	1.00	# of strides	4.36	3.04		
velocity	4.52	8.93	9.71	9.80	9.80	10.00	8.11	6.88	9.87			
Abinusawa, Moforehan (USA) (2001) time	2.24	3.33	4.38	5.39	6.41	7.43	7.43	4 / 2				
reaction time interval			1.09	1.05	1.01	1.02	3.05	# of strides	4.38	3.05		
velocity	4.46	9.17	9.52	9.90	9.80	9.84	8.08	6.85	9.84			
Perrow, Victoria (USA) (2003) time	2.23	3.38	4.44	5.52	6.57	7.60	7.60	6 / 3				
reaction time interval			1.15	1.06	1.08	1.05	1.03	=PB	# of strides	4.44	3.16	
velocity	4.48	8.70	9.43	9.26	9.52	9.71	7.89	6.76	9.49			
Jones, Soniya (ANT) (2002) time	2.23	3.39	4.48	5.54	6.59	7.60	7.60	8 / 4				
reaction time interval			1.16	1.09	1.06	1.05	1.01	PB	# of strides	4.48	3.12	
velocity	4.48	8.62	9.17	9.43	9.52	9.90	7.89	6.70	9.62			
Waller, Hannah (USA) (2001) time	2.23	3.38	4.46	5.53	6.59	7.63	7.63	7 / 5				
reaction time interval			1.15	1.08	1.07	1.06	1.04	# of strides	4.46	3.17		
velocity	4.48	8.70	9.26	9.35	9.43	9.62	7.86	6.73	9.46			
Pierre, Jada (USA) (2002) time	2.32	3.50	4.61	5.67	6.77	7.79	7.79	1 / 6				
reaction time interval			1.18	1.11	1.06	1.10	1.02	# of strides	4.61	3.18		
velocity	4.31	8.47	9.01	9.43	9.09	9.80	7.70	6.51	9.43			
Kenner, Jada (USA) (2006) time	2.34	3.52	4.60	5.66	6.78	7.90	7.90	3 / 7				
reaction time interval			1.18	1.08	1.06	1.12	1.12	# of strides	4.60	3.30		
velocity	4.27	8.47	9.26	9.43	8.93	8.93	7.59	6.52	9.09			
Hammond, Janeya (USA) (2001) time	2.30	3.51	4.61	5.72	6.84	7.97	7.97	2 / 8				
reaction time interval			1.21	1.10	1.11	1.12	1.13	# of strides	4.61	3.36		
velocity	4.35	8.26	9.09	9.01	8.93	8.85	7.53	6.51	8.93			

2019 National Sports Festival (Hitachinaka, JPN)

FINAL

date 05-Oct-19

wind 1.1 m/s

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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Yuasa, Kanako (JPN) (1997) time				4.29		6.36					11.62	11.62	5 / 1			
reaction time 0.148 interval						2.07					5.26		# of strides	4.29		
velocity				6.99		3.14					9.51	8.61	54.2	6.99		
Saito, Ami (JPN) (1999) time				4.31		6.38					11.64	11.64	6 / 2			
reaction time 0.145 interval						2.07					5.26		# of strides	4.31		
velocity				6.96		3.13					9.51	8.59	53.5	6.96		
Doi, Anna (JPN) (1995) time				4.31		6.38					11.74	11.74	4 / 3			
reaction time 0.156 interval						2.07					5.36		# of strides	4.31		
velocity				6.96		3.13					9.33	8.52	53.2	6.96		
Takeuchi, Masaya (JPN) (1998) time				4.31		6.38					11.79	11.79	7 / 4			
reaction time 0.169 interval						2.07					5.41		# of strides	4.31		
velocity				6.96		3.13					9.24	8.48	52.0	6.96		
Tera, Miho (JPN) (1993) time				4.35		6.47					11.91	11.91	3 / 5			
reaction time 0.163 interval						2.12					5.44		# of strides	4.35		
velocity				6.90		3.09					9.19	8.40	53.0	6.90		
Nagura, Chiaki (JPN) (1993) time				4.30		6.43					11.94	11.94	2 / 6			
reaction time 0.127 interval						2.13					5.51		# of strides	4.30		
velocity				6.98		3.11					9.07	8.38	54.7	6.98		
Tanagiya, Tomomi (JPN) (1999) time				4.44		6.56					11.95	11.95	8 / 7			
reaction time 0.173 interval						2.12					5.39		# of strides	4.44		
velocity				6.76		3.05					9.28	8.37	55.2	6.76		

Wada, Maki (JPN) (1986)	time	4.39	6.53	11.96	11.96	9 / 8	
reaction time	0.159	interval	2.14	5.43		# of strides	4.39
		velocity	6.83	3.06	9.21	8.36	53.5 6.83

U20 FINAL

date 04-Oct-19 wind -1.5 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
Aoyama, Kae (JPN) (2002)	time			4.35		6.47					11.96	11.96	5 / 1			
reaction time	0.159			interval		2.12					5.49		# of strides		4.35	
				velocity		6.90					9.11	8.36	51.2		6.90	
Saku, Kageyama (JPN) (2002)	time			4.35		6.53					12.01	12.01	4 / 2			
reaction time	0.155			interval		2.18					5.48		# of strides		4.35	
				velocity		6.90					9.12	8.33	55.0		6.90	
Ishido, Hina (JPN) (2003)	time			4.39		6.54					12.03	12.03	8 / 3			
reaction time	0.150			interval		2.15					5.49		# of strides		4.39	
				velocity		6.83					9.11	8.31	53.0		6.83	
Kanami, Mimura (JPN) (2001)	time			4.45		6.59					12.05	12.05	7 / 4			
reaction time	0.196			interval		2.14					5.46		# of strides		4.45	
				velocity		6.74					9.16	8.30	53.7		6.74	
Kato, Anna (JPN) (2002)	time			4.40		6.54					12.08	12.08	6 / 5			
reaction time	0.143			interval		2.14					5.54		# of strides		4.40	
				velocity		6.82					9.03	8.28	54.2		6.82	
Sagi, Mayako (JPN) (2003)	time			4.47		6.62					12.12	12.12	9 / 6			
reaction time	0.176			interval		2.15					5.50		# of strides		4.47	
				velocity		6.71					9.09	8.25	52.2		6.71	
Adachi, Yuha (JPN) (2002)	time			4.41		6.59					12.15	12.15	3 / 7			
reaction time	0.162			interval		2.18					5.56		# of strides		4.41	
				velocity		6.80					8.99	8.23	54.0		6.80	
Idoabigeiru, Fuka (JPN) (2001)	time			4.48		6.68					12.20	12.20	2 / 8			
reaction time	0.163			interval		2.20					5.52		# of strides		4.48	
				velocity		6.70					9.06	8.20	51.0		6.70	

U18 FINAL

date 04-Oct-19 wind -1.8 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
Uchiyama, Kyoka (JPN) (2003)	time			4.43		6.63					12.12	12.12	5 / 1			
reaction time	0.162			interval		2.20					5.49		# of strides		4.43	
				velocity		6.77					9.11	8.25	53.2		6.77	
Nauru, Hassan (JPN) (2004)	time			4.51		6.70					12.16	12.16	7 / 2			
reaction time	0.188			interval		2.19					5.46		# of strides		4.51	
				velocity		6.65					9.16	8.22	49.2		6.65	
Sakai, Hinami (JPN) (2004)	time			4.45		6.64					12.22	12.22	4 / 3			
reaction time	0.153			interval		2.19					5.58		# of strides		4.45	
				velocity		6.74					8.96	8.18	51.7		6.74	
Kurahashi, Miho (JPN) (2004)	time			4.50		6.68					12.28	12.28	2 / 4			
reaction time	0.159			interval		2.18					5.60		# of strides		4.50	
				velocity		6.67					8.93	8.14	55.0		6.67	
Nagaishi, Koyuki (JPN) (2003)	time			4.51		6.75					12.34	12.34	3 / 5			
reaction time	0.158			interval		2.24					5.59		# of strides		4.51	
				velocity		6.65					8.94	8.10	54.0		6.65	
Shinai, Kanetaka (JPN) (2003)	time			4.55		6.80					12.44	12.44	6 / 6			
reaction time	0.185			interval		2.25					5.64		# of strides		4.55	
				velocity		6.59					8.87	8.04	49.0		6.59	
Yamakoshi, Riko (JPN) (2004)	time			4.58		6.83					12.49	12.49	9 / 7			
reaction time	0.191			interval		2.25					5.66		# of strides		4.58	
				velocity		6.55					8.83	8.01	54.2		6.55	
Chiori, Narita (JPN) (2003)	time			4.53		6.77					12.52	12.52	8 / 8			
reaction time	0.166			interval		2.24					5.75		# of strides		4.53	
				velocity		6.62					8.70	7.99	55.0		6.62	

2019 IAAF World Championships (Doha, QAT)**FINAL**

date 29-Sep-19 wind 0.1 m/s Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan

Fraser-Pryce, Shelly-Ann (JAM)	time	1.92	3.02	4.01	4.96	5.89	6.82	7.75	8.70	9.69	10.71	10.71	6 / 1				
	reaction time	0.134	interval	1.10	0.99	0.95	0.93	0.93	0.93	0.95	0.99	1.02	# of strides	4.01	2.81	2.87	
	velocity	5.21	9.09	10.10	10.53	10.75	10.75	10.75	10.53	10.10	9.80	9.34	50.7	7.48	10.68	10.45	
Asher-Smith, Dina (GBR) (1995)	time	1.95	3.05	4.06	5.02	5.97	6.91	7.86	8.83	9.82	10.83	10.83	7 / 2				
	reaction time	0.129	interval	1.10	1.01	0.96	0.95	0.94	0.95	0.97	0.99	1.01	NR PB	# of strides	4.06	2.85	2.91
	velocity	5.13	9.09	9.90	10.42	10.53	10.64	10.53	10.31	10.10	9.90	9.23	48.7	7.39	10.53	10.31	
Ta Lou, Marie-Josée (CIV) (1988)	time	1.96	3.08	4.09	5.05	6.01	6.96	7.91	8.88	9.88	10.90	10.90	4 / 3				
	reaction time	0.171	interval	1.12	1.01	0.96	0.96	0.95	0.95	0.97	1.00	1.02	# of strides	4.09	2.87	2.92	
	velocity	5.10	8.93	9.90	10.42	10.42	10.53	10.53	10.31	10.00	9.80	9.17	52.5	7.33	10.45	10.27	
Thompson, Elaine (JAM) (1992)	time	1.99	3.11	4.12	5.08	6.03	6.97	7.92	8.89	9.89	10.93	10.93	5 / 4				
	reaction time	0.143	interval	1.12	1.01	0.96	0.95	0.94	0.95	0.97	1.00	1.04	# of strides	4.12	2.85	2.92	
	velocity	5.03	8.93	9.90	10.42	10.53	10.64	10.53	10.31	10.00	9.62	9.15	50.2	7.28	10.53	10.27	
Ahouré, Murielle (CIV) (1987)	0.142	no information available										11.02	8 / 5	# of strides	50.7		
Smith, Jonielle (JAM) (1996)	0.117	no information available										11.06	9 / 6	# of strides	48.2		
Daniels, Teahna (USA) (19997)	0.156	no information available										11.19	3 / 7	# of strides	48.7		

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

FINAL

	date	09-Sep-19	wind	-0.8 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
Neita, Daryll (GBR) (1996)	time								6.23					11.29	11.29	7 / 1	
	reaction time	0.148	interval											5.06		# of strides	
	velocity								8.03					9.88	8.86	49.0	
Bryant, Dezerea (USA) (1993)	time								6.29					11.30	11.30	4 / 2	
	reaction time	0.171	interval											5.01		# of strides	
	velocity								7.95					9.98	8.85	53.7	
Akinosun, Morolake (USA) (1994)	time								6.47					11.39	11.39	8 / 3	
	reaction time	0.174	interval											4.92		# of strides	
	velocity								7.73					10.16	8.78	53.7	
Lansiquot, Imani (GBR) (1997)	time								6.43					11.49	11.49	5 / 4	
	reaction time	0.160	interval											5.06		# of strides	
	velocity								7.78					9.88	8.70	48.2	
Henderson, Ashley (USA) (1995)	time								6.48					11.53	11.53	2 / 5	
	reaction time	0.138	interval											5.05		# of strides	
	velocity								7.72					9.90	8.67	51.0	
Smith, Caitland (USA) (1996)	time								6.41					11.59	11.59	6 / 6	
	reaction time	0.181	interval											5.18		# of strides	
	velocity								7.80					9.65	8.63	51.5	
Sedney, Naomi (NED) (1994)	time								6.70					11.77	11.77	9 / 7	
	reaction time	0.215	interval											5.07		# of strides	
	velocity								7.46					9.86	8.50	52.2	
Sevilla, Paula (ESP) (1997)	time								6.58					11.82	11.82	3 / 8	
	reaction time	0.196	interval											5.24		# of strides	
	velocity								7.60					9.54	8.46	53.5	

2019 Memorial van Damme (Brussels, BEL)

FINAL

	date	06-Sep-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
Asher-Smith, Dina (GBR) (1995)	time					3.1		5.1		7.0		8.9		10.88	10.88	4 / 1	
	reaction time	0.120	interval					2.0		1.9		1.9		1.98		# of strides	
	velocity					6.45		10.00		10.53		10.53		10.10	9.19	49.2	
Fraser-Pryce, Shelly-Ann (JAM)	time					3.1		5.1		7.0		8.9		10.95	10.95	5 / 2	
	reaction time	0.134	interval					2.0		1.9		1.9		2.05		# of strides	
	velocity					6.45		10.00		10.53		10.53		9.76	9.13	51.0	
Ta Lou, Marie-Josée (CIV) (1988)	time					3.2		5.2		7.1		9.1		11.09	11.09	6 / 3	
	reaction time	0.146	interval					2.0		1.9		2.0		1.99		# of strides	
	velocity					6.25		10.00		10.53		10.00		10.05	9.02	52.5	
Schippers, Dafne (NED) (1992)	time					3.3		5.3		7.2		9.2		11.22	11.22	3 / 4	
	reaction time	0.155	interval					2.0		1.9		2.0		2.02		# of strides	
	velocity					6.06		10.00		10.53		10.00		9.90	8.91	48.0	
Okagbare, Blessing (NGR) (1988)	time					3.3		5.3		7.3		9.2		11.24	11.24	7 / 5	

reaction time	0.153	interval		2.0	2.0	1.9	2.04	# of strides
		velocity	6.06	10.00	10.00	10.53	9.80	47.7
Hobbs, Aleia (USA) (1996)	time		3.2	5.2	7.2	9.2	11.29	2 / 6
reaction time	0.159	interval		2.0	2.0	2.0	2.09	# of strides
		velocity	6.25	10.00	10.00	10.00	9.57	51.5
Emmanuel, Crystal (CAN) (1991)	time		3.2	5.2	7.3	9.3	11.38	1 / 7
reaction time	0.154	interval		2.0	2.1	2.0	2.08	# of strides
		velocity	6.25	10.00	9.52	10.00	9.62	51.2
Lückenkemper, Gina (GER) (1996)	time		3.4	5.4	7.4	9.4	11.45	8 / 8
reaction time	0.208	interval		2.0	2.0	2.0	2.05	# of strides
		velocity	5.88	10.00	10.00	10.00	9.76	50.0

2019 Meeting de Paris (Paris, FRA)**FINAL**

date 24-Aug-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
Thompson, Elaine (JAM) (1992)	time						6.1					10.98	10.98	4 / 1			
reaction time	0.123	interval										4.88		# of strides			
		velocity					8.20					10.25	9.11	51.0			
Ta Lou, Marie-Josée (CIV) (1988)	time						6.2					11.13	11.13	5 / 2			
reaction time	0.172	interval										4.93		# of strides			
		velocity					8.06					10.14	8.98	52.5			
Schippers, Dafne (NED) (1992)	time						6.3					11.15	11.15	6 / 3			
reaction time	0.160	interval										4.85		# of strides			
		velocity					7.94					10.31	8.97	48.0			
Daniels, Teahna (USA) (1997)	time						6.2					11.16	11.16	3 / 4			
reaction time	0.158	interval										4.96		# of strides			
		velocity					8.06					10.08	8.96	48.0			
Hobbs, Aleia (USA) (1996)	time						6.2					11.16	11.16	7 / 5			
reaction time	0.186	interval										4.96		# of strides			
		velocity					8.06					10.08	8.96	51.0			
Smith, Jonielle (JAM) (1996)	time						6.2					11.17	11.17	1 / 6			
reaction time	0.146	interval										4.97		# of strides			
		velocity					8.06					10.06	8.95	49.0			
Zahi, Carolle (FRA) (1994)	time						6.2					11.25	11.25	2 / 7			
reaction time	0.159	interval										5.05		# of strides			
		velocity					8.06					9.90	8.89	48.2			
Whyte, Natalliah (JAM) (1997)	time						6.2					11.25	11.25	8 / 8			
reaction time	0.137	interval										5.05		# of strides			
		velocity					8.06					9.90	8.89	48.5			

2019 Müller Grand Prix (Birmingham, GBR)**FINAL**

date 18-Aug-19

wind -0.9 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
Pinto, Tatjana (GER) (1992)	time			3.2		5.2		7.2		9.2		11.15	11.15	6 / 1			
reaction time	0.145	interval				2.0		2.0		2.0		1.95		# of strides			
		velocity		6.25		10.00		10.00		10.00		10.26	8.97	48.7			
Bryant, Dezerea (USA) (1993)	time			3.2		5.2		7.2		9.2		11.21	11.21	4 / 2			
reaction time	0.155	interval				2.0		2.0		2.0		2.01		# of strides			
		velocity		6.25		10.00		10.00		10.00		9.95	8.92	54.0			
Daniels, Teahna (USA) (1997)	time			3.2		5.2		7.2		9.2		11.24	11.24	5 / 3			
reaction time	0.132	interval				2.0		2.0		2.0		2.04		# of strides			
		velocity		6.25		10.00		10.00		10.00		9.80	8.90	48.0			
Mihalinec, Maja (SLO) (1989)	time			3.3		5.4		7.3		9.3		11.36	11.36	8 / 4			
reaction time	0.139	interval				2.1		1.9		2.0		2.06		# of strides			
		velocity		6.06		9.52		10.53		10.00		9.71	8.80	51.0			
Smith, Jonielle (JAM) (1996)	time			3.2		5.3		7.3		9.3		11.37	11.37	7 / 5			
reaction time	0.140	interval				2.1		2.0		2.0		2.07		# of strides			
		velocity		6.25		9.52		10.00		10.00		9.66	8.80	49.5			
Miller, Rachel (GBR) (1990)	time			3.2		5.3		7.3		9.4		11.42	11.42	3 / 6			
reaction time	0.143	interval				2.1		2.0		2.1		2.02	PB	# of strides			

velocity	6.25	9.52	10.00	9.52	9.90	8.76	54.0
Baptiste, Kimbely (GBR) (1992) time	3.4	5.5	7.5	9.6	11.71	11.71	9 / 7
reaction time 0.139 interval		2.1	2.0	2.1	2.11		# of strides
velocity	5.88	9.52	10.00	9.52	9.48	8.54	50.5
Williams, Bianca (GBR) (1993) time	3.4	5.5	7.5	9.6	11.77	11.77	2 / 8
reaction time 0.164 interval		2.1	2.0	2.1	2.17		# of strides
velocity	5.88	9.52	10.00	9.52	9.22	8.50	53.0

2019 Japanese National High School Championships (Okinawa, JPN)

FINAL

date 05-Aug-19 wind -0.1 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
Mikase, Midori (JPN) (2001) time	2.03	3.19	4.25	5.28	6.29	7.31	8.34	9.38	10.43	11.51	11.51		4 / 1			
reaction time interval		1.16	1.06	1.03	1.01	1.02	1.03	1.04	1.05	1.08			# of strides	4.25	3.06	3.12
velocity	4.93	8.62	9.43	9.71	9.90	9.80	9.71	9.62	9.52	9.26	8.69		52.2	7.06	9.80	9.62
Ishido, Hina (JPN) (2002) time	2.02	3.18	4.25	5.29	6.31	7.33	8.36	9.41	10.47	11.56	11.56		3 / 2			
reaction time interval		1.16	1.07	1.04	1.02	1.02	1.03	1.05	1.06	1.09	PB		# of strides	4.25	3.08	3.14
velocity	4.95	8.62	9.35	9.62	9.80	9.80	9.71	9.52	9.43	9.17	8.65		52.2	7.06	9.74	9.55
Miura, Yuna (JPN) (2002) time	2.10	3.26	4.32	5.35	6.37	7.40	8.44	9.49	10.56	11.65	11.65		5 / 3			
reaction time interval		1.16	1.06	1.03	1.02	1.03	1.04	1.05	1.07	1.09			# of strides	4.32	3.08	3.16
velocity	4.76	8.62	9.43	9.71	9.80	9.71	9.62	9.52	9.35	9.17	8.58		51.0	6.94	9.74	9.49
Kageyama, Sakiho (JPN) (2002) time	2.02	3.19	4.26	5.31	6.34	7.38	8.43	9.50	10.58	11.69	11.69		6 / 4			
reaction time interval		1.17	1.07	1.05	1.03	1.04	1.05	1.07	1.08	1.11	PB		# of strides	4.26	3.12	3.20
velocity	4.95	8.55	9.35	9.52	9.71	9.62	9.52	9.35	9.26	9.01	8.55		52.2	7.04	9.62	9.38
Aoyama, Kae (JPN) (2002) time	2.08	3.23	4.30	5.34	6.38	7.43	8.48	9.55	10.63	11.73	11.73		2 / 5			
reaction time interval		1.15	1.07	1.04	1.04	1.05	1.05	1.07	1.08	1.10			# of strides	4.30	3.13	3.20
velocity	4.81	8.70	9.35	9.62	9.62	9.52	9.52	9.35	9.26	9.09	8.53		50.0	6.98	9.58	9.38
Fuka Ido, Abbygail (JPN) (2001) time	2.05	3.24	4.33	5.38	6.42	7.46	8.51	9.58	10.67	11.78	11.78		1 / 6			
reaction time interval		1.19	1.09	1.05	1.04	1.04	1.05	1.07	1.09	1.11	PB		# of strides	4.33	3.13	3.21
velocity	4.88	8.40	9.17	9.52	9.62	9.62	9.52	9.35	9.17	9.01	8.49		49.7	6.93	9.58	9.35
Suzuki, Kurumi (JPN) (2001) time	2.12	3.29	4.36	5.40	6.44	7.48	8.53	9.60	10.68	11.79	11.79		8 / 7			
reaction time interval		1.17	1.07	1.04	1.04	1.04	1.05	1.07	1.08	1.11			# of strides	4.36	3.12	3.20
velocity	4.72	8.55	9.35	9.62	9.62	9.62	9.52	9.35	9.26	9.01	8.48		50.0	6.88	9.62	9.38
Sagi, Mayako (JPN) (2003) time	2.08	3.26	4.35	5.40	6.45	7.49	8.55	9.62	10.71	11.82	11.82		7 / 8			
reaction time interval		1.18	1.09	1.05	1.05	1.04	1.06	1.07	1.09	1.11	PB		# of strides	4.35	3.14	3.22
velocity	4.81	8.47	9.17	9.52	9.52	9.62	9.43	9.35	9.17	9.01	8.46		51.7	6.90	9.55	9.32

2019 Chinese World Championships Trials (Shenyang, CHN)

FINAL

date 02-Aug-19 wind -1.2 m/s Jiang (2019) - data analysis of women'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
Liang Xiaojing (CHN) (1997) time	2.05	3.17	4.21	5.22	6.20	7.19	8.19	9.20	10.22	11.27	11.27		4 / 1			
reaction time interval		1.12	1.04	1.01	0.98	0.99	1.00	1.01	1.02	1.05			# of strides	4.21	2.98	3.03
velocity	4.88	8.93	9.62	9.90	10.20	10.10	10.00	9.90	9.80	9.52	8.87			7.13	10.07	9.90
Wei Yongli (CHN) (1991) time	2.08	3.19	4.24	5.25	6.24	7.23	8.24	9.26	10.31	11.38	11.38		5 / 2			
reaction time interval		1.11	1.05	1.01	0.99	0.99	1.01	1.02	1.05	1.07			# of strides	4.24	2.99	3.08
velocity	4.81	9.01	9.52	9.90	10.10	10.10	9.90	9.80	9.52	9.35	8.79			7.08	10.03	9.74
Ge Manqi (CHN) (1997) time	2.08	3.20	4.27	5.30	6.31	7.32	8.34	9.37	10.41	11.49	11.49		6 / 3			
reaction time interval		1.12	1.07	1.03	1.01	1.01	1.02	1.03	1.04	1.08			# of strides	4.27	3.05	3.09
velocity	4.81	8.93	9.35	9.71	9.90	9.90	9.80	9.71	9.62	9.26	8.70			7.03	9.84	9.71
Yuan Qiqi (CHN) (1995) time	2.11	3.25	4.32	5.35	6.36	7.38	8.41	9.45	10.50	11.57	11.57		3 / 4			
reaction time interval		1.14	1.07	1.03	1.01	1.02	1.03	1.04	1.05	1.07			# of strides	4.32	3.06	3.12
velocity	4.74	8.77	9.35	9.71	9.90	9.80	9.71	9.62	9.52	9.35	8.64			6.94	9.80	9.62
Huang Guifen (CHN) (1997) time	2.10	3.27	4.35	5.40	6.42	7.44	8.46	9.50	10.56	11.65	11.65		7 / 5			
reaction time interval		1.17	1.08	1.05	1.02	1.02	1.02	1.04	1.06	1.09			# of strides	4.35	3.09	3.12
velocity	4.76	8.55	9.26	9.52	9.80	9.80	9.80	9.62	9.43	9.17	8.58			6.90	9.71	9.62
Zhang Man (CHN) (1997) time	2.08	3.53	4.39	5.41	6.44	7.47	8.51	9.55	10.61	11.68	11.68		8 / 6			
reaction time interval		1.45	0.86	1.02	1.03	1.03	1.04	1.04	1.06	1.07			# of strides	4.39	3.08	3.14
velocity	4.81	6.90	11.63	9.80	9.71	9.71	9.62	9.62	9.43	9.35	8.56			6.83	9.74	9.55
Li He (CHN) (2001) time	2.11	3.28	4.37	5.42	6.45	7.49	8.54	9.60	10.67	11.77	11.77		1 / 7			
reaction time interval		1.17	1.09	1.05	1.03	1.04	1.05	1.06	1.07	1.10			# of strides	4.37	3.12	3.18
velocity	4.74	8.55	9.17	9.52	9.71	9.62	9.52	9.43	9.35	9.09	8.50			6.86	9.62	9.43

Zhu Cuiwei (CHN) (2000)	time	2.14	3.33	4.46	5.54	6.61	7.67	8.72	9.78	10.84	11.93	11.93	2 / 8			
	reaction time	interval	1.19	1.13	1.08	1.07	1.06	1.05	1.06	1.06	1.09		# of strides	4.46	3.21	3.17
	velocity	4.67	8.40	8.85	9.26	9.35	9.43	9.52	9.43	9.43	9.17	8.38		6.73	9.35	9.46

2019 Japanese National Championships (Fukuoka, JPN)

FINAL

date 28-Jun-19 wind 0.6 m/s Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Mikase, Midori (JPN) (2001)	time	2.00	3.18	4.25	5.29	6.31	7.34	8.39	9.45	10.54	11.67	11.67	5 / 1			
	reaction time	0.140	interval	1.18	1.07	1.04	1.02	1.03	1.05	1.06	1.09	1.13	# of strides	4.25	3.09	3.20
	velocity	5.00	8.47	9.35	9.62	9.80	9.71	9.52	9.43	9.17	8.85	8.57	53.4	7.06	9.71	9.38
Doi, Anna (JPN) (1995)	time	2.02	3.19	4.26	5.30	6.32	7.35	8.40	9.47	10.58	11.72	11.72	6 / 2			
	reaction time	0.131	interval	1.17	1.07	1.04	1.02	1.03	1.05	1.07	1.11	1.14	# of strides	4.26	3.09	3.23
	velocity	4.95	8.55	9.35	9.62	9.80	9.71	9.52	9.35	9.01	8.77	8.53	54.4	7.04	9.71	9.29
Aoyama Kae (JPN) (2002)	time	2.04	3.20	4.28	5.32	6.35	7.39	8.44	9.51	10.61	11.73	11.73	3 / 3			
	reaction time	0.160	interval	1.16	1.08	1.04	1.03	1.04	1.05	1.07	1.10	1.12	# of strides	4.28	3.11	3.22
	velocity	4.90	8.62	9.26	9.62	9.71	9.62	9.52	9.35	9.09	8.93	8.53	50.9	7.01	9.65	9.32
Kodama, Mei (JPN) (1999)	time	2.07	3.26	4.35	5.40	6.43	7.47	8.51	9.57	10.64	11.74	11.74	8 / 4			
	reaction time	0.148	interval	1.19	1.09	1.05	1.03	1.04	1.06	1.07	1.10	PB	# of strides	4.35	3.12	3.17
	velocity	4.83	8.40	9.17	9.52	9.71	9.62	9.62	9.43	9.35	9.09	8.52	51.7	6.90	9.62	9.46

2019 Fuse Sprint (Tottori, JPN)

FINAL

date 02-Jun-19 wind -2.2 m/s Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Doi, Anna (JPN) (1995)	time	1.99	3.15	4.22	5.25	6.27	7.29	8.32	9.37	10.45	11.55	11.55	5 / 1			
	reaction time	0.118	interval	1.16	1.07	1.03	1.02	1.03	1.05	1.08	1.10		# of strides	4.22	3.07	3.16
	velocity	5.03	8.62	9.35	9.71	9.80	9.80	9.71	9.52	9.26	9.09	8.66	54.6	7.11	9.77	9.49
Wada, Maki (JPN) (1986)	time	1.99	3.17	4.24	5.28	6.31	7.34	8.38	9.44	10.52	11.63	11.63	4 / 2			
	reaction time	0.132	interval	1.18	1.07	1.04	1.03	1.04	1.06	1.08	1.11		# of strides	4.24	3.10	3.18
	velocity	5.03	8.47	9.35	9.62	9.71	9.71	9.62	9.43	9.26	9.01	8.60	53.4	7.08	9.68	9.43
Miyake, Naoka (JPN) (1991)	time	2.06	3.24	4.31	5.35	6.38	7.41	8.45	9.51	10.58	11.68	11.68	7 / 3			
	reaction time	0.130	interval	1.18	1.07	1.04	1.03	1.04	1.06	1.07	1.10		# of strides	4.31	3.10	3.17
	velocity	4.85	8.47	9.35	9.62	9.71	9.71	9.62	9.43	9.35	9.09	8.56	51.8	6.96	9.68	9.46
Seko, Nodoka (JPN) (1991)	time	2.04	3.24	4.33	5.39	6.44	7.49	8.55	9.64	10.75	11.90	11.90	6 / 6			
	reaction time	0.137	interval	1.20	1.09	1.06	1.05	1.05	1.06	1.09	1.11	1.15	# of strides	4.33	3.16	3.26
	velocity	4.90	8.33	9.17	9.43	9.52	9.52	9.43	9.17	9.01	8.70	8.40	54.6	6.93	9.49	9.20

2019 Shimane High School Championships (Izumo, JPN)

FINAL

date 25-May-19 wind 2.9 m/s Shimizu (2019) - shimane high school championships 2019 - biomechanics data analysis

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Moriyama, Rin (JPN) (2002)	time			4.50			7.79			11.13	12.34	12.34	4 / 1			
	reaction time			interval			3.29			3.34	1.21		# of strides	4.50	3.29	3.34
	velocity			6.67			9.12			8.98	8.26	8.10	53.7	6.67	9.12	8.98
Araki, Momo (JPN)	time			4.63			7.97			11.37	12.56	12.56	7 / 2			
	reaction time			interval			3.34			3.40	1.19		# of strides	4.63	3.34	3.40
	velocity			6.48			8.98			8.82	8.40	7.96	59.5	6.48	8.98	8.82
Mochida, Kanon (JPN) (2003)	time			4.63			7.99			11.43	12.64	12.64	6 / 3			
	reaction time			interval			3.36			3.44	1.21		# of strides	4.63	3.36	3.44
	velocity			6.48			8.93			8.72	8.26	7.91	58.5	6.48	8.93	8.72
Hino, Ayaka (JPN)	time			4.67			8.09			11.53	12.77	12.77	5 / 4			
	reaction time			interval			3.42			3.44	1.24		# of strides	4.67	3.42	3.44
	velocity			6.42			8.77			8.72	8.06	7.83	54.3	6.42	8.77	8.72
Iguchi, Ayami (JPN)	time			4.60			8.00			11.50	12.79	12.79	9 / 5			
	reaction time			interval			3.40			3.50	1.29		# of strides	4.60	3.40	3.50
	velocity			6.52			8.82			8.57	7.75	7.82	55.0	6.52	8.82	8.57
Hajime, Chinatsu (JPN)	time			4.70			8.20			11.70	12.95	12.95	8 / 6			
	reaction time			interval			3.50			3.50	1.25		# of strides	4.70	3.50	3.50
	velocity			6.38			8.57			8.57	8.00	7.72	56.7	6.38	8.57	8.57
Fujiwara, Tamaki (JPN)	time			4.73			8.20			11.77	13.01	13.01	3 / 7			
	reaction time			interval			3.47			3.57	1.24		# of strides	4.73	3.47	3.57
	velocity			6.34			8.65			8.40	8.06	7.69	56.7	6.34	8.65	8.40

Kakuhashi, Kanan (JPN)	time	4.83	8.37	12.03	13.30	13.30	2 / 8				
reaction time	interval		3.54	3.66	1.27		# of strides	4.83	3.54	3.66	
	velocity	6.21	8.47	8.20	7.87	7.52	53.5	6.21	8.47	8.20	

2019 Seiko Golden Grand Prix (Osaka, JPN)**FINAL**

date 19-May-19 wind -2.2 m/s Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Doi, Anna (JPN) (1995)	time	2.00	3.17	4.25	5.29	6.33	7.38	8.43	9.50	10.60	11.72	11.72	4 / 5			
reaction time	0.130 interval		1.17	1.08	1.04	1.04	1.05	1.05	1.07	1.10	1.12		# of strides	4.25	3.13	3.22
	velocity	5.00	8.55	9.26	9.62	9.62	9.52	9.52	9.35	9.09	8.93	8.53	55.0	7.06	9.58	9.32
Ichikawa, Kana (JPN) (1991)	time	2.07	3.27	4.38	5.46	6.52	7.58	8.65	9.73	10.82	11.94	11.94	3 / 6			
reaction time	0.157 interval		1.20	1.11	1.08	1.06	1.06	1.07	1.08	1.09	1.12		# of strides	4.38	3.20	3.24
	velocity	4.83	8.33	9.01	9.26	9.43	9.43	9.35	9.26	9.17	8.93	8.38	51.0	6.85	9.38	9.26
Seko, Nodoka (JPN) (1991)	time	2.03	3.23	4.34	5.41	6.47	7.54	8.62	9.72	10.83	11.98	11.98	6 / 7			
reaction time	0.151 interval		1.20	1.11	1.07	1.06	1.07	1.08	1.10	1.11	1.15		# of strides	4.34	3.20	3.29
	velocity	4.93	8.33	9.01	9.35	9.43	9.35	9.26	9.09	9.01	8.70	8.35	54.7	6.91	9.38	9.12
Iki, Ichiko (JPN) (1997)	time	2.08	3.30	4.42	5.50	6.58	7.66	8.75	9.85	10.97	12.12	12.12	9 / 8			
reaction time	0.174 interval		1.22	1.12	1.08	1.08	1.09	1.10	1.12	1.15			# of strides	4.42	3.24	3.31
	velocity	4.81	8.20	8.93	9.26	9.26	9.26	9.17	9.09	8.93	8.70	8.25	53.2	6.79	9.26	9.06

2019 Mikio Oda Memorial (Hiroshima, JPN)**FINAL**

date 28-Apr-19 wind 1.9 m/s Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Mikase, Midori (JPN) (2001)	time	2.03	3.21	4.28	5.31	6.33	7.34	8.37	9.41	10.46	11.54	11.54	5 / 2			
reaction time	interval		1.18	1.07	1.03	1.02	1.01	1.03	1.04	1.05	1.08		# of strides	4.28	3.06	3.12
	velocity	4.93	8.47	9.35	9.71	9.80	9.90	9.71	9.62	9.52	9.26	8.67	52.7	7.01	9.80	9.62
Doi, Anna (JPN) (1995)	time	2.04	3.22	4.29	5.31	6.33	7.35	8.38	9.43	10.52	11.64	11.64	4 / 3			
reaction time	interval		1.18	1.07	1.02	1.02	1.02	1.03	1.05	1.09	1.12		# of strides	4.29	3.06	3.17
	velocity	4.90	8.47	9.35	9.80	9.80	9.80	9.71	9.52	9.17	8.93	8.59	54.2	6.99	9.80	9.46
Ichikawa, Kana (JPN) (1991)	time	2.10	3.30	4.40	5.45	6.49	7.52	8.56	9.60	10.66	11.74	11.74	7 / 4			
reaction time	interval		1.20	1.10	1.05	1.04	1.03	1.04	1.04	1.06	1.08		# of strides	4.40	3.12	3.14
	velocity	4.76	8.33	9.09	9.52	9.62	9.71	9.62	9.43	9.26		8.52	50.0	6.82	9.62	9.55
Seko, Nodoka (JPN) (1991)	time	2.08	3.27	4.36	5.42	6.47	7.51	8.57	9.63	10.72	11.83	11.83	1 / 6			
reaction time	interval		1.19	1.09	1.06	1.05	1.04	1.06	1.06	1.09	1.11		# of strides	4.36	3.15	3.21
	velocity	4.81	8.40	9.17	9.43	9.52	9.62	9.43	9.43	9.17	9.01	8.45	54.5	6.88	9.52	9.35

2018 National Sports Festival (Fukui, JPN)**FINAL**

date 06-Oct-18 wind -2.8 m/s Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Seko, Nodoka (JPN) (1991)	time	2.01	3.26	4.41	5.52	6.62	7.72	8.82	9.94	11.07	12.21	12.21	3 / 1			
reaction time	0.113 interval		1.25	1.15	1.11	1.10	1.10	1.10	1.12	1.13	1.14		# of strides	4.41	3.31	3.35
	velocity	4.98	8.00	8.70	9.01	9.09	9.09	9.09	8.93	8.85	8.77	8.19	56.1	6.80	9.06	8.96
Kuboyama, Hana (JPN)	time	2.08	3.33	4.47	5.58	6.67	7.76	8.86	9.97	11.10	12.24	12.24	7 / 2			
reaction time	0.133 interval		1.25	1.14	1.11	1.09	1.09	1.10	1.11	1.13	1.14		# of strides	4.47	3.29	3.34
	velocity	4.81	8.00	8.77	9.01	9.17	9.17	9.09	9.01	8.85	8.77	8.17	54.5	6.71	9.12	8.98
Hirosawa, Mae (JPN) (1997)	time	2.08	3.33	4.48	5.60	6.70	7.79	8.90	10.01	11.14	12.28	12.28	5 / 3			
reaction time	0.146 interval		1.25	1.15	1.12	1.10	1.09	1.11	1.11	1.13	1.14		# of strides	4.48	3.31	3.35
	velocity	4.81	8.00	8.70	8.93	9.09	9.17	9.01	9.01	8.85	8.77	8.14	51.3	6.70	9.06	8.96
Yamanaka, Hina (JPN)	time	2.07	3.33	4.48	5.59	6.69	7.78	8.88	9.99	11.12	12.28	12.28	2 / 4			
reaction time	0.161 interval		1.26	1.15	1.11	1.10	1.09	1.10	1.11	1.13	1.16		# of strides	4.48	3.30	3.34
	velocity	4.83	7.94	8.70	9.01	9.09	9.17	9.09	9.01	8.85	8.62	8.14	55.8	6.70	9.09	8.98
Miyake, Naoka (JPN) (1991)	time	2.13	3.39	4.54	5.65	6.74	7.83	8.93	10.04	11.16	12.30	12.30	4 / 5			
reaction time	0.160 interval		1.26	1.15	1.11	1.09	1.09	1.10	1.11	1.12	1.14		# of strides	4.54	3.29	3.33
	velocity	4.69	7.94	8.70	9.01	9.17	9.17	9.09	9.01	8.93	8.77	8.13	53.0	6.61	9.12	9.01
Saito, Ami (JPN) (1999)	time	2.11	3.38	4.55	5.68	6.79	7.90	9.01	10.13	11.26	12.40	12.40	8 / 6			
reaction time	0.160 interval		1.27	1.17	1.13	1.11	1.11	1.11	1.12	1.13	1.14		# of strides	4.55	3.35	3.36
	velocity	4.74	7.87	8.55	8.85	9.01	9.01	9.01	8.93	8.85	8.77	8.06	56.8	6.59	8.96	8.93
Wada, Maki (JPN) (1986)	time	2.08	3.34	4.51	5.63	6.75	7.86	8.98	10.11	11.26	12.43	12.43	6 / 7			
reaction time	0.156 interval		1.26	1.17	1.12	1.12	1.11	1.12	1.13	1.15	1.17		# of strides	4.51	3.35	3.40
	velocity	4.81	7.94	8.55	8.93	8.93	9.01	8.93	8.85	8.70	8.55	8.05	55.1	6.65	8.96	8.82
Adachi, Sayaka (JPN) (1996)	time	2.15	3.45	4.63	5.76	6.88	7.98	9.08	10.20	11.32	12.46	12.46	1 / 8			

reaction time	0.148	interval	1.30	1.18	1.13	1.12	1.10	1.10	1.12	1.12	1.14		# of strides	4.63	3.35	3.34
velocity	4.65	7.69	8.47	8.85	8.93	9.09	9.09	8.93	8.93	8.77	8.03		56.0	6.48	8.96	8.98

U20 FINAL

date 05-Oct-18

wind -0.1 m/s

Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Miura, Yuna (JPN) (2002)	time	2.06	3.27	4.37	5.43	6.48	7.52	8.57	9.64	10.72	11.83	11.83	5 / 1				
	reaction time	0.150	interval	1.21	1.10	1.06	1.05	1.04	1.05	1.07	1.08	1.11	PB	# of strides	4.37	3.15	3.20
		velocity	4.85	8.26	9.09	9.43	9.52	9.62	9.52	9.35	9.26	9.01	8.45	51.5	6.86	9.52	9.38
Takahashi, Mayu (JPN) (2000)	time	2.03	3.23	4.33	5.39	6.44	7.50	8.56	9.63	10.73	11.86	11.86	7 / 2				
	reaction time	0.132	interval	1.20	1.10	1.06	1.05	1.06	1.06	1.07	1.10	1.13		# of strides	4.33	3.17	3.23
		velocity	4.93	8.33	9.09	9.43	9.52	9.43	9.43	9.35	9.09	8.85	8.43	55.0	6.93	9.46	9.29
Aono, Akari (JPN) (2000)	time	2.09	3.31	4.43	5.49	6.54	7.58	8.63	9.69	10.77	11.88	11.88	6 / 3				
	reaction time	0.141	interval	1.22	1.12	1.06	1.05	1.04	1.05	1.06	1.08	1.11		# of strides	4.43	3.15	3.19
		velocity	4.78	8.20	8.93	9.43	9.52	9.62	9.52	9.43	9.26	9.01	8.42	55.0	6.77	9.52	9.40
Mikase, Midori (JPN) (2001)	time	2.01	3.22	4.32	5.39	6.44	7.49	8.56	9.64	10.75	11.89	11.89	8 / 4				
	reaction time	0.128	interval	1.21	1.10	1.07	1.05	1.05	1.07	1.08	1.11	1.14		# of strides	4.32	3.17	3.26
		velocity	4.98	8.26	9.09	9.35	9.52	9.52	9.35	9.26	9.01	8.77	8.41	54.2	6.94	9.46	9.20
Kanami, Mimura (JPN) (2001)	time	2.11	3.31	4.42	5.49	6.54	7.59	8.65	9.72	10.80	11.91	11.91	4 / 5				
	reaction time	0.194	interval	1.20	1.11	1.07	1.05	1.05	1.06	1.07	1.08	1.11		# of strides	4.42	3.17	3.21
		velocity	4.74	8.33	9.01	9.35	9.52	9.52	9.43	9.35	9.26	9.01	8.40	53.0	6.79	9.46	9.35

2018 Japanese Corporate Championships (Osaka, JPN)

FINAL

date 23-Sep-18

wind -0.1 m/s

Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Seko, Nodoka (JPN) (1991)	time		1.98	3.15	4.23	5.28	6.32	7.36	8.41	9.47	10.56	11.66	11.66	4 / 1			
	reaction time	0.112	interval		1.17	1.08	1.05	1.04	1.04	1.05	1.06	1.09	1.10	# of strides	4.23	3.13	3.20
			velocity	5.05	8.55	9.26	9.52	9.62	9.62	9.52	9.43	9.17	9.09	8.58	54.9	7.09	9.58
Ichikawa, Kana (JPN) (1991)	time		2.04	3.23	4.32	5.38	6.41	7.45	8.49	9.55	10.62	11.72	11.72	9 / 2			
	reaction time	0.124	interval		1.19	1.09	1.06	1.03	1.04	1.04	1.06	1.07	1.10	# of strides	4.32	3.13	3.17
			velocity	4.90	8.40	9.17	9.43	9.71	9.62	9.62	9.43	9.35	9.09	8.53	49.6	6.94	9.58
Miyake, Naoka (JPN) (1991)	time		2.06	3.24	4.33	5.38	6.43	7.47	8.52	9.59	10.68	11.80	11.80	5 / 3			
	reaction time	0.137	interval		1.18	1.09	1.05	1.05	1.04	1.05	1.07	1.09	1.12	# of strides	4.33	3.14	3.21
			velocity	4.85	8.47	9.17	9.52	9.52	9.62	9.52	9.35	9.17	8.93	8.47	51.5	6.93	9.55
Masumi, Aoki (JPN) (1994)	time		2.01	3.21	4.32	5.39	6.45	7.51	8.58	9.66	10.76	11.89	11.89	2 / 4			
	reaction time	0.129	interval		1.20	1.11	1.07	1.06	1.06	1.07	1.08	1.10	1.13	# of strides	4.32	3.19	3.25
			velocity	4.98	8.33	9.01	9.35	9.43	9.43	9.35	9.26	9.09	8.85	8.41	52.3	6.94	9.40
Wada, Maki (JPN) (1986)	time		2.01	3.21	4.31	5.38	6.43	7.49	8.56	9.65	10.76	11.90	11.90	7 / 5			
	reaction time	0.138	interval		1.20	1.10	1.07	1.05	1.06	1.07	1.09	1.11	1.14	# of strides	4.31	3.18	3.27
			velocity	4.98	8.33	9.09	9.35	9.52	9.43	9.35	9.17	9.01	8.77	8.40	53.6	6.96	9.43
Matsumoto, Sayako (JPN) (1995)	time		2.03	3.21	4.31	5.37	6.43	7.49	8.57	9.67	10.79	11.94	11.94	6 / 6			
	reaction time	0.120	interval		1.18	1.10	1.06	1.06	1.06	1.08	1.10	1.12	1.15	# of strides	4.31	3.18	3.30
			velocity	4.93	8.47	9.09	9.43	9.43	9.43	9.26	9.09	8.93	8.70	8.38	53.0	6.96	9.43
Fujisawa, Sayaka (JPN) (1991)	time		2.11	3.32	4.42	5.49	6.55	7.61	8.68	9.76	10.86	11.98	11.98	3 / 7			
	reaction time	0.150	interval		1.21	1.10	1.07	1.06	1.06	1.07	1.08	1.10	1.12	# of strides	4.42	3.19	3.25
			velocity	4.74	8.26	9.09	9.35	9.43	9.43	9.35	9.26	9.09	8.93	8.35	52.6	6.79	9.40
Terai, Miho (JPN) (1993)	time		2.02	3.22	4.32	5.39	6.45	7.52	8.60	9.71	10.85	12.02	12.02	8 / 8			
	reaction time	0.116	interval		1.20	1.10	1.07	1.06	1.07	1.08	1.11	1.14	1.17	# of strides	4.32	3.20	3.33
			velocity	4.95	8.33	9.09	9.35	9.43	9.35	9.26	9.01	8.77	8.55	8.32	53.3	6.94	9.38

2018 Asian Games (Jakarta, INA)

FINAL

date 26-Aug-18

wind 0.3 m/s

Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Odiong, Ofonime (BRN) (1997)	time	2.07	3.21	4.25	5.25	6.23	7.22	8.22	9.23	10.25	11.30	11.30	4 / 1				
	reaction time	0.151	interval	1.14	1.04	1.00	0.98	0.99	1.00	1.01	1.02	1.05	PB	# of strides	4.25	2.97	3.03
		velocity	4.83	8.77	9.62	10.00	10.20	10.10	10.00	9.90	9.80	9.52	8.85	49.6	7.06	10.10	9.90
Chand, Dutee (IND) (1996)	time	1.98	3.12	4.16	5.16	6.15	7.15	8.15	9.18	10.23	11.32	11.32	7 / 2				
	reaction time	0.149	interval	1.14	1.04	1.00	0.99	1.00	1.00	1.03	1.05	1.09	# of strides	4.16	2.99	3.08	
		velocity	5.05	8.77	9.62	10.00	10.10	10.00	10.00	9.71	9.52	9.17	8.83	55.5	7.21	10.03	9.74
Wei Yongli (CHN) (1991)	time	2.02	3.16	4.20	5.20	6.20	7.19	8.19	9.21	10.26	11.33	11.33	5 / 3				
	reaction time	0.159	interval	1.14	1.04	1.00	0.99	1.00	1.02	1.05	1.07	# of strides	4.20	2.99	3.07		
		velocity	4.95	8.77	9.62	10.00	10.00	10.10	10.00	9.80	9.52	9.35	8.83	49.3	7.14	10.03	9.77

Al-Khaldi, Hajar Saad (BRN) (199)	time	1.99	3.14	4.19	5.21	6.22	7.22	8.24	9.26	10.31	11.38	11.38	3 / 4			
reaction time	0.127	interval	1.15	1.05	1.02	1.01	1.00	1.02	1.02	1.05	1.07		# of strides	4.19	3.03	3.09
velocity	5.03	8.70	9.52	9.80	9.90	10.00	9.80	9.80	9.52	9.35	8.79		51.9	7.16	9.90	9.71

2018 Japanese National High School Championships (Nagoya, JPN)

FINAL

date 03-Aug-18 wind 0.0 m/s Kota (2018) - 71st high school championships: JAF scientific committee - biomechanics data collection

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Mikase, Midori (JPN) (2001)	time	2.07	3.25	4.33	5.38	6.41	7.45	8.50	9.56	10.64	11.74	11.74	/ 1			
reaction time	interval		1.18	1.08	1.05	1.03	1.04	1.05	1.06	1.08	1.10		# of strides	4.33	3.12	3.19
	velocity	4.83	8.47	9.26	9.52	9.71	9.62	9.52	9.43	9.26	9.09	8.52		6.93	9.62	9.40
Kageyama, Sakiho (JPN)	time	2.03	3.21	4.29	5.34	6.39	7.44	8.50	9.57	10.66	11.77	11.77	/ 2			
reaction time	interval		1.18	1.08	1.05	1.05	1.05	1.06	1.07	1.09	1.11	PB	# of strides	4.29	3.15	3.22
	velocity	4.93	8.47	9.26	9.52	9.52	9.52	9.43	9.35	9.17	9.01	8.50		6.99	9.52	9.32
Usui, Ayane (JPN) (2000)	time	2.02	3.20	4.29	5.34	6.38	7.42	8.48	9.56	10.65	11.77	11.77	/ 3			
reaction time	interval		1.18	1.09	1.05	1.04	1.04	1.06	1.08	1.09	1.12	PB	# of strides	4.29	3.13	3.23
	velocity	4.95	8.47	9.17	9.52	9.62	9.62	9.43	9.26	9.17	8.93	8.50		6.99	9.58	9.29
Suzuki, Kizuha (JPN)	time	2.03	3.23	4.32	5.38	6.43	7.48	8.54	9.62	10.72	11.85	11.85	/ 4			
reaction time	interval		1.20	1.09	1.06	1.05	1.05	1.06	1.08	1.10	1.13		# of strides	4.32	3.16	3.24
	velocity	4.93	8.33	9.17	9.43	9.52	9.52	9.43	9.26	9.09	8.85	8.44		6.94	9.49	9.26
Takahashi, Mayu (JPN) (2000)	time	2.09	3.29	4.39	5.45	6.49	7.54	8.60	9.68	10.77	11.89	11.89	/ 5			
reaction time	interval		1.20	1.10	1.06	1.04	1.05	1.06	1.08	1.09	1.12		# of strides	4.39	3.15	3.23
	velocity	4.78	8.33	9.09	9.43	9.62	9.52	9.43	9.26	9.17	8.93	8.41		6.83	9.52	9.29
Iki, Aiko (JPN) (2000)	time	2.08	3.30	4.41	5.48	6.53	7.59	8.65	9.71	10.79	11.89	11.89	/ 6			
reaction time	interval		1.22	1.11	1.07	1.05	1.06	1.06	1.06	1.08	1.10		# of strides	4.41	3.18	3.20
	velocity	4.81	8.20	9.01	9.35	9.52	9.43	9.43	9.43	9.26	9.09	8.41		6.80	9.43	9.38
Suzuki, Kurumi (JPN) (2001)	time	2.12	3.32	4.41	5.47	6.52	7.57	8.64	9.72	10.82	11.93	11.93	/ 7			
reaction time	interval		1.20	1.09	1.06	1.05	1.05	1.07	1.08	1.10	1.11		# of strides	4.41	3.16	3.25
	velocity	4.72	8.33	9.17	9.43	9.52	9.52	9.35	9.26	9.09	9.01	8.38		6.80	9.49	9.23
Ishido, Hina (JPN) (2002)	time	2.08	3.28	4.38	5.44	6.50	7.55	8.62	9.70	10.81	11.93	11.93	/ 8			
reaction time	interval		1.20	1.10	1.06	1.06	1.05	1.07	1.08	1.11	1.12		# of strides	4.38	3.17	3.26
	velocity	4.81	8.33	9.09	9.43	9.43	9.52	9.35	9.26	9.01	8.93	8.38		6.85	9.46	9.20

2018 Japanese National Championships (Yamaguchi, JPN)

FINAL

date 23-Jun-18 wind 0.8 m/s Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Seko, Nodoka (JPN) (1991)	time	2.02	3.20	4.28	5.32	6.34	7.37	8.41	9.46	10.54	11.64	11.64	5 / 1			
reaction time	0.149	interval	1.18	1.08	1.04	1.02	1.03	1.04	1.05	1.08	1.10		# of strides	4.28	3.09	3.17
	velocity	4.95	8.47	9.26	9.62	9.80	9.71	9.62	9.52	9.26	9.09	8.59	54.8	7.01	9.71	9.46
Fukushima, Chisato (JPN) (1988)	time	2.04	3.22	4.30	5.34	6.36	7.39	8.42	9.47	10.55	11.66	11.66	6 / 2			
reaction time	0.145	interval	1.18	1.08	1.04	1.02	1.03	1.03	1.05	1.08	1.11		# of strides	4.30	3.09	3.16
	velocity	4.90	8.47	9.26	9.62	9.80	9.71	9.71	9.52	9.26	9.01	8.58	54.7	6.98	9.71	9.49
Ichikawa, Kana (JPN) (1991)	time	2.05	3.24	4.32	5.36	6.39	7.42	8.45	9.50	10.57	11.67	11.67	4 / 3			
reaction time	0.152	interval	1.19	1.08	1.04	1.03	1.03	1.03	1.05	1.07	1.10		# of strides	4.32	3.10	3.15
	velocity	4.88	8.40	9.26	9.62	9.71	9.71	9.71	9.52	9.35	9.09	8.57	50.1	6.94	9.68	9.52
Mikase, Midori (JPN) (2001)	time	2.06	3.24	4.33	5.38	6.41	7.44	8.48	9.54	10.63	11.74	11.74	7 / 4			
reaction time	0.172	interval	1.18	1.09	1.05	1.03	1.03	1.04	1.06	1.09	1.11		# of strides	4.33	3.11	3.19
	velocity	4.85	8.47	9.17	9.52	9.71	9.71	9.62	9.43	9.17	9.01	8.52	53.4	6.93	9.65	9.40
Nakamura, Mizuki (JPN) (1996)	time	2.07	3.27	4.37	5.43	6.47	7.51	8.56	9.62	10.70	11.80	11.80	2 / 5			
reaction time	0.151	interval	1.20	1.10	1.06	1.04	1.04	1.05	1.06	1.08	1.10		# of strides	4.37	3.14	3.19
	velocity	4.83	8.33	9.09	9.43	9.62	9.62	9.52	9.43	9.26	9.09	8.47	51.2	6.86	9.55	9.40
Maeyama, Miyu (JPN) (1996)	time	2.05	3.25	4.34	5.40	6.45	7.50	8.56	9.63	10.72	11.84	11.84	9 / 6			
reaction time	0.155	interval	1.20	1.09	1.06	1.05	1.05	1.06	1.07	1.09	1.12		# of strides	4.34	3.16	3.22
	velocity	4.88	8.33	9.17	9.43	9.52	9.52	9.43	9.35	9.17	8.93	8.45	50.7	6.91	9.49	9.32
Nishio, Kaho (JPN) (1997)	time	2.04	3.23	4.33	5.39	6.43	7.48	8.54	9.62	10.72	11.86	11.86	8 / 7			
reaction time	0.155	interval	1.19	1.10	1.06	1.04	1.05	1.06	1.08	1.10	1.14		# of strides	4.33	3.15	3.24
	velocity	4.90	8.40	9.09	9.43	9.62	9.52	9.43	9.26	9.09	8.77	8.43	53.5	6.93	9.52	9.26
Nagura, Chiaki (JPN) (1993)	time	2.05	3.24	4.34	5.41	6.46	7.52	8.59	9.67	10.79	11.93	11.93	3 / 8			
reaction time	0.145	interval	1.19	1.10	1.07	1.05	1.06	1.07	1.08	1.12	1.14		# of strides	4.34	3.18	3.27
	velocity	4.88	8.40	9.09	9.35	9.52	9.43	9.35	9.26	8.93	8.77	8.38	55.0	6.91	9.43	9.17

2018 Fuse Sprint (Tottori, JPN)

FINAL

date 03-Jun-18

wind 1.8 m/s

Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ichikawa, Kana (JPN) (1991)	time	2.02	3.19	4.26	5.28	6.29	7.30	8.31	9.33	10.37	11.43	11.43	8 / 1			
	reaction time		1.17	1.07	1.02	1.01	1.01	1.01	1.02	1.04	1.06		# of strides	4.26	3.04	3.07
	velocity	4.95	8.55	9.35	9.80	9.90	9.90	9.90	9.80	9.62	9.43	8.75	49.8	7.04	9.87	9.77
Myrie, Ockera (JAM) (1999)												PB	11.43	7 / 1	# of strides	51.1
Fukushima, Chisato (JPN) (1988)	time	2.02	3.19	4.25	5.27	6.28	7.28	8.30	9.33	10.38	11.46	11.46	4 / 3			
	reaction time		1.17	1.06	1.02	1.01	1.00	1.02	1.03	1.05	1.08		# of strides	4.25	3.03	3.10
	velocity	4.95	8.55	9.43	9.80	9.90	10.00	9.80	9.71	9.52	9.26	8.73	54.6	7.06	9.90	9.68
Seko, Nodoka (JPN) (1991)	time	1.99	3.16	4.22	5.25	6.27	7.28	8.31	9.35	10.41	11.50	11.50	5 / 4			
	reaction time		1.17	1.06	1.03	1.02	1.01	1.03	1.04	1.06	1.09		# of strides	4.22	3.06	3.13
	velocity	5.03	8.55	9.43	9.71	9.80	9.90	9.71	9.62	9.43	9.17	8.70	58.0	7.11	9.80	9.58
Nishio, Kaho (JPN) (1997)	time	2.03	3.22	4.31	5.35	6.38	7.41	8.45	9.51	10.59	11.69	11.69	2 / 5			
	reaction time		1.19	1.09	1.04	1.03	1.03	1.04	1.06	1.08	1.10		# of strides	4.31	3.10	3.18
	velocity	4.93	8.40	9.17	9.62	9.71	9.71	9.62	9.43	9.26	9.09	8.55	52.9	6.96	9.68	9.43
Nagura, Chiaki (JPN) (1993)	time	2.01	3.19	4.27	5.32	6.35	7.39	8.44	9.50	10.59	11.71	11.71	6 / 6			
	reaction time		1.18	1.08	1.05	1.03	1.04	1.05	1.06	1.09	1.12		# of strides	4.27	3.12	3.20
	velocity	4.98	8.47	9.26	9.52	9.71	9.62	9.52	9.43	9.17	8.93	8.54	53.9	7.03	9.62	9.38
Maeyama, Miyu (JPN) (1996)	time	2.04	3.23	4.32	5.37	6.42	7.46	8.51	9.58	10.66	11.77	11.77	3 / 7			
	reaction time		1.19	1.09	1.05	1.05	1.04	1.05	1.07	1.08	1.11		# of strides	4.32	3.14	3.20
	velocity	4.90	8.40	9.17	9.52	9.52	9.62	9.52	9.35	9.26	9.01	8.50	50.2	6.94	9.55	9.38
Shimada, Sae (JPN) (1994)	time	2.02	3.20	4.29	5.34	6.39	7.45	8.51	9.59	10.69	11.81	11.81	9 / 8			
	reaction time		1.18	1.09	1.05	1.05	1.06	1.06	1.08	1.10	1.12		# of strides	4.29	3.16	3.24
	velocity	4.95	8.47	9.17	9.52	9.52	9.43	9.43	9.26	9.09	8.93	8.47	52.4	6.99	9.49	9.26

2018 Shimane High School Championships (Izumo, JPN)

FINAL

date 26-May-18

wind 1.8 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
Nagato, Tomoka (JPN)	time			4.43			7.71			11.03	12.20	12.20	3 / 1			
	reaction time						3.28			3.32	1.17		# of strides	4.43	3.28	3.32
	velocity			6.77			9.15			9.04	8.55	8.20	56.5	6.77	9.15	9.04
Takada, Momoka (JPN)	time			4.47			7.74			11.08	12.26	12.26	4 / 2			
	reaction time						3.27			3.34	1.18		# of strides	4.47	3.27	3.34
	velocity			6.71			9.17			8.98	8.47	8.16	56.0	6.71	9.17	8.98
Toya, Moenan (JPN)	time			4.53			7.81			11.17	12.34	12.34	6 / 3			
	reaction time						3.28			3.36	1.17		# of strides	4.53	3.28	3.36
	velocity			6.62			9.15			8.93	8.55	8.10	53.5	6.62	9.15	8.93
Oshita, Airi (JPN)	time			4.57			7.94			11.35	12.56	12.56	8 / 4			
	reaction time						3.37			3.41	1.21		# of strides	4.57	3.37	3.41
	velocity			6.56			8.90			8.80	8.26	7.96	53.0	6.56	8.90	8.80
Nagamine, Sayuri (JPN) (2001)	time			4.53			7.94			11.40	12.63	12.63	5 / 5			
	reaction time						3.41			3.46	1.23		# of strides	4.53	3.41	3.46
	velocity			6.62			8.80			8.67	8.13	7.92	54.0	6.62	8.80	8.67
Tanaka, Rina (JPN)	time			4.55			7.94			11.45	12.67	12.67	7 / 6			
	reaction time						3.39			3.51	1.22		# of strides	4.55	3.39	3.51
	velocity			6.59			8.85			8.55	8.20	7.89	55.0	6.59	8.85	8.55
Hino, Ayaka (JPN)	time			4.67			8.07			11.55	12.75	12.75	1 / 7			
	reaction time						3.40			3.48	1.20		# of strides	4.67	3.40	3.48
	velocity			6.42			8.82			8.62	8.33	7.84	53.0	6.42	8.82	8.62
Miyata, Hoshino (JPN) (2002)	time			4.60			8.01			11.55	12.76	12.76	2 / 8			
	reaction time						3.41			3.54	1.21		# of strides	4.60	3.41	3.54
	velocity			6.52			8.80			8.47	8.26	7.84	55.5	6.52	8.80	8.47

2018 Seiko Golden Grand Prix (Osaka, JPN)

FINAL

date 20-May-18

wind 2.3 m/s

Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fukushima, Chisato (JPN) (1988)	time	2.04	3.20	4.26	5.28	6.29	7.30	8.32	9.35	10.41	11.49	11.49	6 / 4			
	reaction time	0.136	1.16	1.06	1.02	1.01	1.01	1.02	1.03	1.06	1.08		# of strides	4.26	3.04	3.11
	velocity	4.90	8.62	9.43	9.80	9.90	9.90	9.80	9.71	9.43	9.26	8.70	55.0	7.04	9.87	9.65

Ichikawa, Kana (JPN) (1991)	time	2.05	3.23	4.31	5.34	6.36	7.37	8.39	9.43	10.48	11.56	11.56	5 / 6			
	reaction time	0.147	interval	1.18	1.08	1.03	1.02	1.01	1.02	1.04	1.05	1.08	# of strides	4.31	3.06	3.11
	velocity	4.88	8.47	9.26	9.71	9.80	9.90	9.80	9.62	9.52	9.26	8.65	50.6	6.96	9.80	9.65
Maeyama, Miyu (JPN) (1996)	time	2.05	3.23	4.31	5.35	6.38	7.41	8.45	9.51	10.58	11.68	11.68	9 / 7			
	reaction time	0.171	interval	1.18	1.08	1.04	1.03	1.03	1.04	1.06	1.07	1.10	# of strides	4.31	3.10	3.17
	velocity	4.88	8.47	9.26	9.62	9.71	9.71	9.62	9.43	9.35	9.09	8.56	50.1	6.96	9.68	9.46

2018 Mikio Oda Memorial (Hiroshima, JPN)

FINAL

		date	29-Apr-18	wind	1.3 m/s	Takahashi (2019) - running performance analysis women's 100m leading sprinters- world, asia, and japan												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fukushima, Chisato (JPN) (1988)	time		2.02	3.18	4.25	5.27	6.27	7.27	8.28	9.30	10.35	11.42	11.42		4 / 1			
	reaction time		interval		1.16	1.07	1.02	1.00	1.00	1.01	1.02	1.05	1.07		# of strides	4.25	3.02	3.08
		velocity		4.95	8.62	9.35	9.80	10.00	10.00	9.90	9.80	9.52	9.35	8.76	55.2	7.06	9.93	9.74
Maeyama, Miyu (JPN) (1996)	time		2.01	3.18	4.24	5.27	6.29	7.31	8.34	9.39	10.46	11.56	11.56		5 / 2			
	reaction time		interval		1.17	1.06	1.03	1.02	1.02	1.03	1.05	1.07	1.10		# of strides	4.24	3.07	3.15
		velocity		4.98	8.55	9.43	9.71	9.80	9.80	9.71	9.52	9.35	9.09	8.65	45.8	7.08	9.77	9.52
Seko, Nodoka (JPN) (1991)	time		2.02	3.20	4.28	5.31	6.34	7.36	8.39	9.46	10.56	11.66	11.66		7 / 4			
	reaction time		interval		1.18	1.08	1.03	1.03	1.02	1.03	1.07	1.10	1.10		# of strides	4.28	3.08	3.20
		velocity		4.95	8.47	9.26	9.71	9.71	9.80	9.71	9.35	9.09	9.09	8.58		7.01	9.74	9.38
Nakamura, Mizuki (JPN) (1996)	time		2.08	3.28	4.38	5.44	6.48	7.51	8.55	9.60	10.67	11.75	11.75		2 / 5			
	reaction time		interval		1.20	1.10	1.06	1.04	1.03	1.04	1.05	1.07	1.08		# of strides	4.38	3.13	3.16
		velocity		4.81	8.33	9.09	9.43	9.62	9.71	9.62	9.52	9.35	9.26	8.51	50.3	6.85	9.58	9.49

2017 Japanese U20 National Championships (Nagoya, JPN)

FINAL

		date	20-Oct-17	wind	0.3 m/s	Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kodama, Mei (JPN) (1999)	time		2.10	3.29	4.38	5.43	6.47	7.51	8.55	9.60	10.68	11.77	11.77	7 / 2				
	reaction time		interval	1.19	1.09	1.05	1.04	1.04	1.04	1.05	1.08	1.09	# of strides	4.38	3.13	3.17		
		velocity		4.76	8.40	9.17	9.52	9.62	9.62	9.62	9.52	9.26	9.17	8.50		6.85	9.58	9.46

2017 National Sports Festival (Matsuyama, JPN)

FINAL

date				07-Oct-17		wind		1.2 m/s		Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season									
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Nagura, Chiaki (JPN) (1993)	time			2.00	3.18	4.25	5.28	6.30	7.34	8.39	9.45	10.53	11.63	11.63	/ 1				
	reaction time	0.120	interval			1.18	1.07	1.03	1.02	1.04	1.05	1.06	1.08	1.10	PB	# of strides	4.25	3.09	3.19
			velocity			5.00	8.47	9.35	9.71	9.80	9.62	9.52	9.43	9.26	9.09	8.60	54.6	7.06	9.71

Semi-Final 3

semi-Final 3		date	07-Oct-17	wind	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	
Kodera, Misaki (JPN) (1995)	time			2.11	3.30	4.38	5.45	6.50	7.55	8.60	9.65	10.72	11.81	11.81	/ 2				
	reaction time	0.153	interval		1.19	1.08	1.07	1.05	1.05	1.05	1.05	1.07	1.09	PB	# of strides	4.38	3.17	3.17	
	velocity			4.74	8.40	9.26	9.35	9.52	9.52	9.52	9.52	9.35	9.17	8.47	53.0	6.85	9.46	9.46	
Yuasa, Kanako (JPN) (1997)	time			2.05	3.23	4.29	5.35	6.40	7.45	8.52	9.60	10.70	11.83	11.83	/ 3				
	reaction time	0.140	interval		1.18	1.06	1.06	1.05	1.05	1.07	1.08	1.10	1.13	PB	# of strides	4.29	3.16	3.25	
	velocity			4.88	8.47	9.43	9.43	9.52	9.52	9.35	9.26	9.09	8.85	8.45	55.0	6.99	9.49	9.23	
Banno, Rio (JPN) (1990)	time			2.08	3.27	4.35	5.43	6.48	7.53	8.58	9.65	10.74	11.84	11.84	/ 4				
	reaction time	0.154	interval		1.19	1.08	1.08	1.05	1.05	1.05	1.07	1.09	1.10	PB	# of strides	4.35	3.18	3.21	
	velocity			4.81	8.40	9.26	9.26	9.52	9.52	9.52	9.35	9.17	9.09	8.45	49.4	6.90	9.43	9.35	

Semi-Final 2

Semi-Final 2		date	07-Oct-17	wind	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
Fujimori, Anna (JPN) (1994)	time			2.05	3.24	4.30	5.35	6.39	7.43	8.49	9.56	10.66	11.77	11.77	/ 2			
	reaction time	0.132	interval		1.19	1.06	1.05	1.04	1.04	1.06	1.07	1.10	1.11		# of strides	4.30	3.13	3.23
	velocity			4.88	8.40	9.43	9.52	9.62	9.62	9.43	9.35	9.09	9.01	8.50	52.0	6.98	9.58	9.29
Sato, Hinako (JPN) (1996)	time			2.07	3.25	4.33	5.39	6.44	7.49	8.54	9.61	10.69	11.79	11.79	/ 3			
	reaction time	0.170	interval		1.18	1.08	1.06	1.05	1.05	1.05	1.07	1.08	1.10	PB	# of strides	4.33	3.16	3.20
	velocity			4.83	8.47	9.26	9.43	9.52	9.52	9.52	9.35	9.26	9.09	8.48	54.1	6.93	9.49	9.38
Watanabe, Hikaru (JPN) (1996)	time			2.10	3.29	4.35	5.40	6.44	7.48	8.53	9.60	10.70	11.81	11.81	/ 4			
	reaction time	0.152	interval		1.19	1.06	1.05	1.04	1.04	1.05	1.07	1.10	1.11		# of strides	4.35	3.13	3.22
	velocity			4.76	8.40	9.43	9.52	9.62	9.62	9.52	9.35	9.09	9.01	8.47	50.9	6.90	9.58	9.32

2017 IAAF World Championships (London, GBR)

FINAL

		date	06-Aug-17	wind	-0.1 m/s	Bissas (2018) - biomechanical report for the IAAF World Championships - London 2017- Women's 100m												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bowie, Tori (USA) (1990)		time		2.07	3.22	4.24	5.18	6.11	7.04	7.98	8.93	9.88	10.85	10.85	7 / 1			

reaction time	0.182	interval		1.15	1.02	0.94	0.93	0.93	0.94	0.95	0.95	0.97		# of strides	4.24	2.80	2.84
		velocity	4.83	8.70	9.80	10.64	10.75	10.75	10.64	10.53	10.53	10.31	9.22	47.4	7.08	10.71	10.56
Ta Lou, Marie-Josée (CIV) (1988)	time		2.01	3.15	4.19	5.15	6.09	7.01	7.94	8.90	9.87	10.86	10.86	4 / 2			
reaction time	0.180	interval		1.14	1.04	0.96	0.94	0.92	0.93	0.96	0.97	0.99	PB	# of strides	4.19	2.82	2.86
		velocity	4.98	8.77	9.62	10.42	10.64	10.87	10.75	10.42	10.31	10.10	9.21	49.8	7.16	10.64	10.49
Schippers, Dafne (NED) (1992)	time		2.07	3.23	4.25	5.20	6.14	7.07	8.01	8.98	9.96	10.96	10.96	9 / 3			
reaction time	0.155	interval		1.16	1.02	0.95	0.94	0.93	0.94	0.97	0.98	1.00		# of strides	4.25	2.82	2.89
		velocity	4.83	8.62	9.80	10.53	10.64	10.75	10.64	10.31	10.20	10.00	9.12	47.4	7.06	10.64	10.38
Ahouré, Murielle (CIV) (1987)	time		2.01	3.15	4.18	5.14	6.10	7.07	8.00	8.97	9.96	10.98	10.98	8 / 4			
reaction time	0.184	interval		1.14	1.03	0.96	0.96	0.97	0.93	0.97	0.99	1.02		# of strides	4.18	2.89	2.89
		velocity	4.98	8.77	9.71	10.42	10.42	10.31	10.75	10.31	10.10	9.80	9.11	52.4	7.18	10.38	10.38
Thompson, Elaine (JAM) (1992)	time		2.06	3.21	4.22	5.17	6.13	7.08	8.04	9.01	9.99	10.98	10.98	6 / 5			
reaction time	0.200	interval		1.15	1.01	0.95	0.96	0.95	0.96	0.97	0.98	0.99		# of strides	4.22	2.86	2.91
		velocity	4.85	8.70	9.90	10.53	10.42	10.53	10.42	10.31	10.20	10.10	9.11	50.5	7.11	10.49	10.31
Anye, Michelle-Lee (TTO) (1992)	time		2.02	3.19	4.23	5.19	6.14	7.09	8.05	9.02	10.01	11.01	11.01	3 / 6			
reaction time	0.151	interval		1.17	1.04	0.96	0.95	0.95	0.96	0.97	0.99	1.00		# of strides	4.23	2.86	2.92
		velocity	4.95	8.55	9.62	10.42	10.53	10.53	10.42	10.31	10.10	10.00	9.08	50.5	7.09	10.49	10.27
Santos, Rosangela (BRA) (1990)	time		2.04	3.21	4.25	5.21	6.17	7.12	8.08	9.05	10.05	11.06	11.06	5 / 7			
reaction time	0.150	interval		1.17	1.04	0.96	0.96	0.95	0.96	0.97	1.00	1.01		# of strides	4.25	2.87	2.93
		velocity	4.90	8.55	9.62	10.42	10.42	10.53	10.42	10.31	10.00	9.90	9.04	50.8	7.06	10.45	10.24
Baptiste, Kelly-Ann (JAM) (1986)	time		2.01	3.17	4.22	5.18	6.13	7.08	8.05	9.04	10.05	11.09	11.09	2 / 8			
reaction time	0.142	interval		1.16	1.05	0.96	0.95	0.95	0.97	0.99	1.01	1.04		# of strides	4.22	2.86	2.97
		velocity	4.98	8.62	9.52	10.42	10.53	10.53	10.31	10.10	9.90	9.62	9.02	51.0	7.11	10.49	10.10

2017 Windsprint (Sundsvall, SWE)**A FINAL**

FINAL

	date	30-Jul-17	wind 0.3 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
Meinseth, Ingvild (NOR) (1999)	time				4.33		6.40	7.46		9.54		11.70	11.70	5 / 1			
	reaction time						2.07	1.06		2.08		2.16		# of strides	4.33	3.13	
	velocity				6.93		9.66	9.43		9.62		9.26	8.55		6.93	9.58	
Eurenius, Isabelle (SWE) (1989)	time				4.45		6.52	7.57		9.67		11.84	11.84	6 / 2			
	reaction time						2.07	1.05		2.10		2.17		# of strides	4.45	3.12	
	velocity				6.74		9.66	9.52		9.52		9.22	8.45		6.74	9.62	
Ström, Malin (SWE) (1986)	time				4.45		6.56	7.62		9.73		11.92	11.92	2 / 3			
	reaction time						2.11	1.06		2.11		2.19		# of strides	4.45	3.17	
	velocity				6.74		9.48	9.43		9.48		9.13	8.39		6.74	9.46	
Östlund, Jessica (SWE) (1993)	time				4.47		6.55	7.61		9.76		11.94	11.94	3 / 4			
	reaction time						2.08	1.06		2.15		2.18		# of strides	4.47	3.14	
	velocity				6.71		9.62	9.43		9.30		9.17	8.38		6.71	9.55	
Rönningen, Helene (NOR) (1998)	time				4.45		6.56	7.62		9.77		11.96	11.96	4 / 5			
	reaction time						2.11	1.06		2.15		2.19		# of strides	4.45	3.17	
	velocity				6.74		9.48	9.43		9.30		9.13	8.36		6.74	9.46	
Brubak, Mari Gilde (NOR) (1990)	time				4.47		6.56	7.61		9.78		11.98	11.98	7 / 6			
	reaction time						2.09	1.05		2.17		2.20		# of strides	4.47	3.14	
	velocity				6.71		9.57	9.52		9.22		9.09	8.35		6.71	9.55	

B FINAL

FINAL	date	30-Jul-17	wind 1.6 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	
Sjöberg, Nikki (SWE) (1998)	time			4.42		6.52	7.56					11.89	11.89	5 / 1				
	reaction time	interval				2.10	1.04					4.33	=PB	# of strides	4.42	3.14		
		velocity			6.79		9.52	9.62					9.24	8.41		6.79	9.55	
Bårdsgård Kulset, Malin (NOR) (1994)	time			4.64		6.77	7.84					12.24	12.24	4 / 2				
	reaction time	interval				2.13	1.07					4.40		# of strides	4.64	3.20		
		velocity			6.47		9.39	9.35					9.09	8.17		6.47	9.38	
Palm, Josefin (SWE) (1994)	time			4.54		6.68	7.75					12.28	12.28	6 / 3				
	reaction time	interval				2.14	1.07					4.53		# of strides	4.54	3.21		
		velocity			6.61		9.35	9.35					8.83	8.14		6.61	9.35	
Berneryd, Saga (SWE) (1999)	time			4.64		6.89	8.00		10.28			12.62	12.62	3 / 4				
	reaction time	interval				2.25	1.11		2.28			2.34		# of strides	4.64	3.36		
		velocity			6.47		8.89	9.01		8.77			8.55	7.92		6.47	8.93	

Nagato, Tomoka (JPN)	time	4.63	8.03	12.96	12.96	4 / 5		
	reaction time		3.40	4.93		# of strides	4.63	3.40
	interval			8.11	7.72	56.0	6.48	8.82
Osaki, Minami (JPN) (2003)	time	4.63	8.03	13.02	13.02	3 / 6		
	reaction time		3.40	4.99		# of strides	4.63	3.40
	interval			8.02	7.68	54.0	6.48	8.82
Oshita, Airi (JPN)	time	4.70	8.13	13.05	13.05	2 / 7		
	reaction time		3.43	4.92		# of strides	4.70	3.43
	interval			8.13	7.66	52.5	6.38	8.75

2017 Seiko Golden Grand Prix (Kawasaki, JPN)**FINAL**

date 21-May-17		wind -1.0 m/s		Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season															
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Lalova-Collio, Ivet (BUL) (1984)	time	2.04	3.22	4.28	5.31	6.33	7.34	8.34	9.34	10.36	11.40	11.40	/ 1						
	reaction time	0.171		1.18	1.06	1.03	1.02	1.01	1.00	1.02	1.04		# of strides	4.28	3.06	3.02			
	interval			4.90	8.47	9.43	9.71	9.80	9.90	10.00	10.00	9.80	9.62	8.77	50.5	7.01	9.80	9.93	
Meadows, Tawanna (USA) (1986)	time	2.06	3.24	4.30	5.32	6.33	7.33	8.34	9.35	10.37	11.44	11.44	/ 2						
	reaction time	0.203		1.18	1.06	1.02	1.01	1.00	1.01	1.02	1.07		# of strides	4.30	3.03	3.04			
	interval			4.85	8.47	9.43	9.80	9.90	9.90	9.80	9.35	8.74	52.4	6.98	9.90	9.87			
Bartoletta, Tianna (USA) (1985)	time	2.05	3.24	4.29	5.32	6.32	7.33	8.34	9.36	10.40	11.47	11.47	/ 3						
	reaction time	0.194		1.19	1.05	1.03	1.00	1.01	1.02	1.04	1.07		# of strides	4.29	3.04	3.07			
	interval			4.88	8.40	9.52	9.71	10.00	9.90	9.80	9.62	9.35	8.72	50.3	6.99	9.87	9.77		
Williams, Charonda (USA) (1987)	time	2.07	3.24	4.30	5.32	6.33	7.34	8.36	9.38	10.41	11.49	11.49	/ 4						
	reaction time	0.159		1.17	1.06	1.02	1.01	1.01	1.02	1.03	1.08		# of strides	4.30	3.04	3.07			
	interval			4.83	8.55	9.43	9.80	9.90	9.80	9.71	9.26	8.70	50.1	6.98	9.87	9.77			
Wisil, Toea (PNG) (1988)	time	2.05	3.21	4.27	5.31	6.32	7.35	8.39	9.42	10.47	11.58	11.58	/ 5						
	reaction time	0.160		1.16	1.06	1.04	1.01	1.03	1.04	1.05	1.11		# of strides	4.27	3.08	3.12			
	interval			4.88	8.62	9.43	9.62	9.90	9.71	9.62	9.52	9.01	8.64	54.5	7.03	9.74	9.62		

2017 Mikio Oda Memorial (Hiroshima, JPN)**B FINAL**

date 29-Apr-17		wind 2.0 m/s		Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season															
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Nishio, Kaho (JPN) (1997)	time	2.05	3.24	4.32	5.38	6.42	7.47	8.53	9.60	10.68	11.79	11.79	/ 2						
	reaction time			1.19	1.08	1.06	1.04	1.05	1.06	1.07	1.08	1.11	# of strides	4.32	3.15	3.21			
	interval			4.88	8.40	9.26	9.43	9.62	9.52	9.43	9.35	9.26	9.01	8.48	53.6	6.94	9.52	9.35	

Heat 3

date 29-Apr-17		wind 2.3 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			
Fujisawa, Sayaka (JPN) (1991)	time	2.07	3.25	4.34	5.39	6.42	7.45	8.50	9.55	10.63	11.73	11.73	/ 2						
	reaction time			1.18	1.09	1.05	1.03	1.03	1.05	1.05	1.08	1.10	# of strides	4.34	3.11	3.18			
	interval			4.83	8.47	9.17	9.52	9.71	9.71	9.52	9.26	9.09	8.53	50.9	6.91	9.65	9.43		

Heat 1

date 29-Apr-17		wind 2.4 m/s		Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season															
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Breen, Melissa (AUS) (1990)	time	2.06	3.23	4.30	5.33	6.34	7.35	8.36	9.38	10.41	11.46	11.46	/ 1						
	reaction time			1.17	1.07	1.03	1.01	1.01	1.02	1.03	1.05		# of strides	4.30	3.05	3.06			
	interval			4.85	8.55	9.35	9.71	9.90	9.90	9.80	9.71	9.52	8.73	50.7	6.98	9.84	9.80		
Maeyama, Miyu (JPN) (1996)	time	2.05	3.22	4.31	5.36	6.39	7.43	8.47	9.52	10.59	11.67	11.67	/ 2						
	reaction time			1.17	1.09	1.05	1.03	1.04	1.05	1.07	1.08		# of strides	4.31	3.12	3.16			
	interval			4.88	8.55	9.17	9.52	9.71	9.62	9.52	9.35	9.26	8.57	49.1	6.96	9.62	9.49		
Wada, Maki (JPN) (1986)	time	2.02	3.20	4.29	5.35	6.39	7.43	8.48	9.54	10.61	11.71	11.71	/ 3						
	reaction time			1.18	1.09	1.06	1.04	1.05	1.06	1.07	1.10		# of strides	4.29	3.14	3.18			
	interval			4.95	8.47	9.17	9.43	9.62	9.52	9.43	9.35	9.09	8.54	53.1	6.99	9.55	9.43		
Miyake, Noaka (JPN) (1991)	time	3.02	3.21	4.28	5.33	6.35	7.40	8.45	9.52	10.61	11.72	11.72	/ 4						
	reaction time			0.19	1.07	1.05	1.02	1.05	1.07	1.09	1.11		# of strides	4.28	3.12	3.21			
	interval			3.31	52.63	9.35	9.52	9.80	9.52	9.52	9.35	9.17	9.01	8.53	52.2	7.01	9.62	9.35	

2016 National Sports Festival (Kitakami, JPN)**FINAL**

date 08-Oct-16		wind 2.0 m/s		Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters															
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Fukushima, Chisato (JPN) (1988)	time	2.01	3.16	4.24	5.29	6.32	7.35	8.39	9.46	10.55	11.66	11.66	7 / 1						
	reaction time	0.135		1.15	1.08	1.05	1.03	1.03	1.04	1.07	1.09	1.11	# of strides	4.24	3.11	3.20			
	interval			4.98	8.70	9.26	9.52	9.71	9.71	9.62	9.35	9.17	9.01	8.58	53.6	7.08	9.65	9.38	
Maeyama, Miyu (JPN) (1996)	time	2.07	3.22	4.30	5.35	6.38	7.42	8.47	9.53	10.62	11.73	11.73	4 / 2						

reaction time	0.157	interval		1.15	1.08	1.05	1.03	1.04	1.05	1.06	1.09	1.11		# of strides	4.30	3.12	3.20
		velocity	4.83	8.70	9.26	9.52	9.71	9.62	9.52	9.43	9.17	9.01	8.53	49.5	6.98	9.62	9.38

U19 FINAL

date	07-Oct-16	wind	0.5 m/s	Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters														
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
	time			2.05	3.21	4.29	5.33	6.35	7.36	8.39	9.43	10.49	11.57	11.57	7 / 1			
0.122	interval				1.16	1.08	1.04	1.02	1.01	1.03	1.04	1.06	1.08	PB	# of strides	4.29	3.07	3.13
	velocity			4.88	8.62	9.26	9.62	9.80	9.90	9.71	9.62	9.43	9.26	8.64	54.2	6.99	9.77	9.58

2016 Olympic Games (Rio de Janeiro, BRA)**FINAL**

date	13-Aug-16	wind	0.5 m/s																	
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
992)	0.157	no information available										10.71	4 / 1	# of strides	49.5					
	0.112	no information available										10.83	5 / 2	# of strides	47.5					
AM) (	0.138	no information available										10.86	6 / 3	# of strides	50.5					
988)	0.136	no information available										PB 10.86	3 / 4	# of strides	49.7					
92)	0.134	no information available										10.90	9 / 5	# of strides	47.0					
992)	0.132	no information available										10.92	8 / 6	# of strides	50.2					
92)	0.148	no information available										10.94	7 / 7	# of strides	47.2					
1994)	0.163	no information available										11.80	2 / 8	# of strides	51.0					

2016 Windsprint (Sundsvall, SWE)**A FINAL**

date		31-Jul-16		wind		2.0 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		
93)	time			4.44			7.53				11.70	11.70	5 / 1					
	interval						3.09				4.17	PB	# of strides	4.44	3.09			
	velocity			6.76			9.71				9.59	8.55		6.76	9.71			
89)	time			4.42			7.53				11.72	11.72	3 / 2					
	interval						3.11				4.19	=PB	# of strides	4.42	3.11			
	velocity			6.79			9.65				9.55	8.53		6.79	9.65			
	time			4.42			7.53				11.74	11.74	4 / 3					
	interval						3.11				4.21	PB	# of strides	4.42	3.11			
	velocity			6.79			9.65				9.50	8.52		6.79	9.65			
95)	time			4.52			7.71				12.04	12.04	8 / 4					
	interval						3.19				4.33		# of strides	4.52	3.19			
	velocity			6.64			9.40				9.24	8.31		6.64	9.40			
	time			4.50			7.69				12.06	12.06	6 / 5					
	interval						3.19				4.37		# of strides	4.50	3.19			
	velocity			6.67			9.40				9.15	8.29		6.67	9.40			
95)	time			4.54			7.74				12.17	12.17	2 / 6					
	interval						3.20				4.43		# of strides	4.54	3.20			
	velocity			6.61			9.38				9.03	8.22		6.61	9.38			
	time			4.63			7.86				12.30	12.30	7 / 7					
	interval						3.23				4.44		# of strides	4.63	3.23			
	velocity			6.48			9.29				9.01	8.13		6.48	9.29			
9)	time			4.69			7.96				12.36	12.36	1 / 8					
	interval						3.27				4.40	PB	# of strides	4.69	3.27			
	velocity			6.40			9.17				9.09	8.09		6.40	9.17			

B FINAL

date	31-Jul-16	wind	1.3 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		
993)	time			4.64			7.94				12.45	12.45	4 / 1					
	interval						3.30				4.51		# of strides	4.64	3.30			
	velocity			6.47			9.09				8.87	8.03		6.47	9.09			
98)	time			4.68			8.02				12.66	12.66	3 / 2					
	interval						3.34				4.64		# of strides	4.68	3.34			
	velocity			6.41			8.98				8.62	7.90		6.41	8.98			
E) (199	time			4.84			8.16				12.69	12.69	5 / 3					
	interval						3.32				4.53		# of strides	4.84	3.32			
	velocity			6.20			9.04				8.83	7.88		6.20	9.04			
00)	time			4.76			8.19				12.96	12.96	6 / 4					
	interval						3.43				4.77		# of strides	4.76	3.43			
	velocity			6.30			8.75				8.39	7.72		6.30	8.75			

Sunneborn, Anna (SWE) (1970)	time	4.80	8.31	13.26	13.26	2 / 5		
	reaction time		3.51	4.95		# of strides	4.80	3.51
	velocity	6.25	8.55	8.08	7.54		6.25	8.55
Löow, Anna-Lena (SWE) (1965)	time	5.05	8.77	13.89	13.89	7 / 6		
	reaction time		3.72	5.12		# of strides	5.05	3.72
	velocity	5.94	8.06	7.81	7.20		5.94	8.06

Heat 2

date 31-Jul-16 wind 1.8 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
Samuelsson, Jessica (SWE) (1985)	time			4.58			7.85				12.36	12.36	3 / 1			
	reaction time						3.27				4.51	PB	# of strides	4.58	3.27	
	velocity			6.55			9.17				8.87	8.09		6.55	9.17	
Berneryd, Saga (SWE) (1999)	time			4.67			8.00				12.50	12.50	6 / 2			
	reaction time						3.33				4.50		# of strides	4.67	3.33	
	velocity			6.42			9.01				8.89	8.00		6.42	9.01	
Sönnerfors, Marie (SWE) (1993)	time			4.64			7.96				12.54	12.54	4 / 3			
	reaction time						3.32				4.58		# of strides	4.64	3.32	
	velocity			6.47			9.04				8.73	7.97		6.47	9.04	
Sackey Mesah, Marion (SWE) (1991)	time			4.84			8.22				12.82	12.82	5 / 4			
	reaction time						3.38				4.60		# of strides	4.84	3.38	
	velocity			6.20			8.88				8.70	7.80		6.20	8.88	
Sandgren, Jenni (SWE) (1998)	time			4.73			8.12				12.84	12.84	7 / 5			
	reaction time						3.39				4.72		# of strides	4.73	3.39	
	velocity			6.34			8.85				8.47	7.79		6.34	8.85	
Von Gerber, Alva (SWE) (2000)	time			4.75			8.18				12.96	12.96	2 / 6			
	reaction time						3.43				4.78		# of strides	4.75	3.43	
	velocity			6.32			8.75				8.37	7.72		6.32	8.75	
Sunneborn, Anna (SWE) (1970)	time			4.82			8.36				13.36	13.36	8 / 7			
	reaction time						3.54				5.00		# of strides	4.82	3.54	
	velocity			6.22			8.47				8.00	7.49		6.22	8.47	
Löow, Anna-Lena (SWE) (1965)	time			5.06			8.84				14.14	14.14	1 / 8			
	reaction time						3.78				5.30		# of strides	5.06	3.78	
	velocity			5.93			7.94				7.55	7.07		5.93	7.94	

Heat 1

date 31-Jul-16 wind -0.3 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
Ström, Malin (SWE) (1986)	time			4.58			7.57				11.80	11.80	3 / 1			
	reaction time						2.99				4.23	PB	# of strides	4.58	2.99	
	velocity			6.55			10.03				9.46	8.47		6.55	10.03	
Östlund, Jessica (SWE) (1993)	time			4.45			7.56				11.82	11.82	5 / 2			
	reaction time						3.11				4.26	PB	# of strides	4.45	3.11	
	velocity			6.74			9.65				9.39	8.46		6.74	9.65	
Eurenius, Isabelle (SWE) (1989)	time			4.44			7.57				11.85	11.85	4 / 3			
	reaction time						3.13				4.28		# of strides	4.44	3.13	
	velocity			6.76			9.58				9.35	8.44		6.76	9.58	
Sjöberg, Nikki (SWE) (1998)	time			4.49			7.69				12.07	12.07	2 / 4			
	reaction time						3.20				4.38		# of strides	4.49	3.20	
	velocity			6.68			9.38				9.13	8.29		6.68	9.38	
Tornemark, Pernilla (SWE) (1985)	time			4.58			7.77				12.10	12.10	6 / 5			
	reaction time						3.19				4.33		# of strides	4.58	3.19	
	velocity			6.55			9.40				9.24	8.26		6.55	9.40	
Palm, Josefin (SWE) (1994)	time			4.45			7.70				12.21	12.21	1 / 6			
	reaction time						3.25				4.51		# of strides	4.45	3.25	
	velocity			6.74			9.23				8.87	8.19		6.74	9.23	
Törnros, Sandra (SWE) (1995)	time			4.60			7.82				12.22	12.22	8 / 7			
	reaction time						3.22				4.40		# of strides	4.60	3.22	
	velocity			6.52			9.32				9.09	8.18		6.52	9.32	
Nikamo, Karolina (SWE) (1995)	time			4.45			7.71				12.24	12.24	7 / 8			
	reaction time						3.26				4.53		# of strides	4.45	3.26	
	velocity			6.74			9.20				8.83	8.17		6.74	9.20	

2016 Japanese National High School Championships (Okayama, JPN)**FINAL**

date 30-Jul-16 wind 1.6 m/s Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data collection

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Saito, Ami (JPN) (1999)	time		3.16	4.33	5.39	6.43	7.47	8.52	9.59		11.78	11.78	/ 1			
	reaction time	0.133														
	interval		1.17	1.06	1.04	1.04	1.04	1.05	1.07		2.19		# of strides	4.33	3.14	
	velocity		6.33	8.55	9.43	9.62	9.62	9.52	9.35		9.13	8.49		6.93	9.55	
Ito, Yuna (JPN) (1998)	time		3.21	4.38	5.45	6.49	7.57	8.64	9.72		11.98	11.98	/ 2			
	reaction time	0.166														
	interval		1.17	1.07	1.04	1.08	1.07	1.08			2.26		# of strides	4.38	3.19	
	velocity		6.23	8.55	9.35	9.62	9.26	9.35	9.26		8.85	8.35		6.85	9.40	
Sasaki, Azusa (JPN) (1998)	time		3.19	4.37	5.44	6.51	7.60	8.68	9.77		12.03	12.03	/ 3			
	reaction time	0.141														
	interval		1.18	1.07	1.07	1.09	1.08	1.09			2.26		# of strides	4.37	3.23	
	velocity		6.27	8.47	9.35	9.35	9.17	9.26	9.17		8.85	8.31		6.86	9.29	
Sato, Serika (JPN) (2000)	time		3.19	4.38	5.47	6.56	7.67	8.76	9.87		12.17	12.17	/ 4			
	reaction time	0.162														
	interval		1.19	1.09	1.09	1.11	1.09	1.11			2.30		# of strides	4.38	3.29	
	velocity		6.27	8.40	9.17	9.17	9.01	9.17	9.01		8.70	8.22		6.85	9.12	
Azuma, Naomi (JPN) (1998)	time		3.24	4.42	5.51	6.61	7.70	8.78	9.91		12.18	12.18	/ 5			
	reaction time	0.160														
	interval		1.18	1.09	1.10	1.09	1.08	1.13			2.27		# of strides	4.42	3.28	
	velocity		6.17	8.47	9.17	9.09	9.17	9.26	8.85		8.81	8.21		6.79	9.15	
Usui, Ayane (JPN) (2000)	time		3.16	4.36	5.47	6.56	7.67	8.76	9.90		12.20	12.20	/ 6			
	reaction time	0.139														
	interval		1.20	1.11	1.09	1.11	1.09	1.14			2.30		# of strides	4.36	3.31	
	velocity		6.33	8.33	9.01	9.17	9.01	9.17	8.77		8.70	8.20		6.88	9.06	
Asano, Natsumi (JPN) (1998)	time		3.25	4.43	5.51	6.61	7.70	8.81	9.93		12.23	12.23	/ 7			
	reaction time	0.157														
	interval		1.18	1.08	1.10	1.09	1.11	1.12			2.30		# of strides	4.43	3.27	
	velocity		6.15	8.47	9.26	9.09	9.17	9.01	8.93		8.70	8.18		6.77	9.17	
Sawatani, Yuzuka (JPN) (1999)	time		3.28	4.49	5.60	6.69	7.78	8.90	10.04		12.39	12.39	/ 8			
	reaction time															
	interval		1.21	1.11	1.09	1.09	1.12	1.14			2.35		# of strides	4.49	3.29	
	velocity		6.10	8.26	9.01	9.17	9.17	8.93	8.77		8.51	8.07		6.68	9.12	

2016 Japanese National Championships (Nagoya, JPN)**FINAL**

date 25-Jun-16 wind -0.2 m/s Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fukushima, Chisato (JPN) (1988)	time	2.01	3.15	4.21	5.24	6.26	7.27	8.30	9.34	10.38	11.45	11.45	6 / 1			
	reaction time	0.141														
	interval		1.14	1.06	1.03	1.02	1.01	1.03	1.04	1.04	1.07		# of strides	4.21	3.06	3.11
	velocity	4.98	8.77	9.43	9.71	9.80	9.90	9.71	9.62	9.62	9.35	8.73		53.3	7.13	9.80
Saito, Ami (JPN) (1999)	time	2.15	3.34	4.40	5.45	6.47	7.50	8.54	9.59	10.66	11.74	11.74	3 / 2			
	reaction time	0.161														
	interval		1.19	1.06	1.05	1.02	1.03	1.04	1.05	1.07	1.08		# of strides	4.40	3.10	3.16
	velocity	4.65	8.40	9.43	9.52	9.80	9.71	9.62	9.52	9.35	9.26	8.52		55.4	6.82	9.68
Seko, Nodoka (JPN) (1991)	time	2.02	3.19	4.27	5.31	6.35	7.39	8.46	9.53	10.63	11.75	11.75	5 / 3			
	reaction time	0.145														
	interval		1.17	1.08	1.04	1.04	1.04	1.07	1.10	1.12			# of strides	4.27	3.12	3.24
	velocity	4.95	8.55	9.26	9.62	9.62	9.62	9.35	9.35	9.09	8.93	8.51		54.5	7.03	9.62

2016 Fuse Sprint (Tottori, JPN)**FINAL**

date 05-Jun-16 wind 0.7 m/s Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Seko, Nodoka (JPN) (1991)	time	2.02	3.18	4.24	5.28	6.31	7.33	8.37	9.42	10.48	11.57	11.57	/ 1			
	reaction time															
	interval		1.16	1.06	1.04	1.03	1.02	1.04	1.05	1.06	1.09	PB	# of strides	4.24	3.09	3.15
	velocity	4.95	8.62	9.43	9.62	9.71	9.80	9.62	9.52	9.43	9.17	8.64		54.3	7.08	9.71
Matsuda, Yumi (JPN) (1994)	time	2.04	3.19	4.24	5.29	6.33	7.37	8.43	9.49	10.58	11.69	11.69	/ 2			
	reaction time															
	interval		1.15	1.05	1.05	1.04	1.04	1.06	1.06	1.09	1.11	PB	# of strides	4.24	3.13	3.21
	velocity	4.90	8.70	9.52	9.52	9.62	9.62	9.43	9.43	9.17	9.01	8.55		53.9	7.08	9.58
Wada, Maki (JPN) (1986)	time	2.05	3.21	4.28	5.34	6.38	7.43	8.48	9.56	10.65	11.77	11.77	/ 3			
	reaction time															
	interval		1.16	1.07	1.06	1.04	1.05	1.05	1.08	1.09	1.12		# of strides	4.28	3.15	3.22
	velocity	4.88	8.62	9.35	9.43	9.62	9.52	9.52	9.26	9.17	8.93	8.50		55.8	7.01	9.52

Heat 6

date 05-Jun-16 wind 1.1 m/s Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Seko, Nodoka (JPN) (1991)	time	2.04	3.21	4.28	5.32	6.35	7.39	8.44	9.50	10.57	11.68	11.68	/ 1			
	reaction time															
	interval		1.17	1.07	1.04	1.03	1.04	1.05	1.06	1.07	1.11		# of strides	4.28	3.11	3.18
	velocity	4.90	8.55	9.35	9.62	9.71	9.62	9.52	9.43	9.35	9.01	8.56		54.8	7.01	9.65

2016 Schweizer Verein Meisterschaften (St. Gallen, SUI)**FINAL**

date 21-May-16 wind -1.8m/s Swiss Athletics (2016) - sprint and hurdle analysis

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

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kora, Salomé (SUI) (1994)	time					6.49					11.76	11.76	/ 1			
	reaction time										5.27		# of strides			
	velocity					7.70					9.49	8.50				
Atcho, Sarah (SUI) (1995)	time					6.53					11.92	11.92	/ 2			
	reaction time										5.39		# of strides			
	velocity					7.66					9.28	8.39				
Weiss, Lena (SUI) (1994)	time					6.56					12.17	12.17	/ 3			
	reaction time										5.61		# of strides			
	velocity					7.62					8.91	8.22				
Dagry, Samantha (SUI) (1994)	time					6.64					12.23	12.23	/ 4			
	reaction time										5.59		# of strides			
	velocity					7.53					8.94	8.18				

2016 Seiko Golden Grand Prix (Kawasaki, JPN)

FINAL

		date	08-May-16	wind			Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters											
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bartoletta, Tianna (USA) (1985)	time		2.01	3.12	4.15	5.15	6.12	7.10	8.09	9.11	10.16	11.23	11.23		5 / 1			
	reaction time			1.11	1.03	1.00	0.97	0.98	0.99	1.02	1.05	1.07			# of strides	4.15	2.95	3.06
	velocity		4.98	9.01	9.71	10.00	10.31	10.20	10.10	9.80	9.52	9.35	8.90		51.1	7.23	10.17	9.80
Okagbare, Blessing (NGR) (1988)	time		2.11	3.24	4.27	5.27	6.25	7.23	8.23	9.24	10.26	11.30	11.30		7 / 2			
	reaction time			1.13	1.03	1.00	0.98	0.98	1.00	1.01	1.02	1.04			# of strides	4.27	2.96	3.03
	velocity		4.74	8.85	9.71	10.00	10.20	10.20	10.00	9.90	9.80	9.62	8.85		48.5	7.03	10.14	9.90
Pierre, Barbara (USA) (1987)	time		1.99	3.10	4.14	5.13	6.12	7.12	8.15	9.20	10.29	11.40	11.40		4 / 3			
	reaction time			1.11	1.04	0.99	0.99	1.00	1.03	1.05	1.09	1.11			# of strides	4.14	2.98	3.17
	velocity		5.03	9.01	9.62	10.10	10.10	10.00	9.71	9.52	9.17	9.01	8.77		56.4	7.25	10.07	9.46

2016 Hürden-und Sprintmeeting (Basel, SUI)

FINAL

		date	07-May-16	wind 0.4 m/s										Swiss Athletics (2016) - sprint and hurdle analysis					
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Kora, Salomé (SUI) (1994)	time							6.34					11.49	11.49	/ 1				
	reaction time												5.15	PB	# of strides				
	velocity							7.89					9.71	8.70					
Rard-Reuse, Clélia (SUI) (1988)	time							6.40					11.70	11.70	/ 2				
	reaction time												5.30		# of strides				
	velocity							7.81					9.43	8.55					
Del Ponte, Ajla (SUI) (1996)	time							6.46					11.85	11.85	/ 3				
	reaction time												5.39		# of strides				
	velocity							7.74					9.28	8.44					
Atcho, Sarah (SUI) (1995)	time							6.56					11.85	11.85	/ 4				
	reaction time												5.29		# of strides				
	velocity							7.62					9.45	8.44					

2016 Mikio Oda Memorial (Hiroshima, JPN)

FINAL

FINAL	date	29-Apr-16	wind			Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters											
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Breen, Melissa (AUS) (1990)	time		2.11	3.26	4.32	5.34	6.34	7.37	8.41	9.45	10.52	11.59	11.59	/ 1			
	reaction time	interval		1.15	1.06	1.02	1.00	1.03	1.04	1.04	1.07	1.07		# of strides	4.32	3.05	3.15
	velocity		4.74	8.70	9.43	9.80	10.00	9.71	9.62	9.62	9.35	9.35	8.63	50.3	6.94	9.84	9.52

2016 Swiss National Indoor Championships (St. Gallen, SUI)

FINAL

FINAL		date	27-Feb-16					Swiss Athletics (2016) - sprint and hurdle analysis					
			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kambundji, Mujinga (SUI) (1992)	time				4.24			7.21	7.21	/ 1			
	reaction time	interval						2.97		# of strides	4.24	2.97	
	velocity				7.08			10.10	8.32	32.0	7.08	10.10	
Kora, Salomé (SUI) (1994)	time				4.38			7.39	7.39	/ 2			
	reaction time	interval						3.01	PB	# of strides	4.38	3.01	
	velocity				6.85			9.97	8.12	32.9	6.85	9.97	
Atcho, Sarah (SUI) (1995)	time				4.38			7.45	7.45	/ 3			
	reaction time	interval						3.07	PB	# of strides	4.38	3.07	
	velocity				6.85			9.77	8.05	31.2	6.85	9.77	
Del Ponte, Ajla (SUI) (1996)	time				4.38			7.52	7.52	/ 4			

reaction time	interval		3.14		# of strides	4.38	3.14
	velocity	6.85	9.55	7.98	32.8	6.85	9.55
Sprunger, Ellen (SUI) (1986)	time	4.44	7.56	7.56	/ 5		
reaction time	interval		3.12		# of strides	4.44	3.12
	velocity	6.76	9.62	7.94	31.6	6.76	9.62
Keller, Charlene (SUI) (1994)	time	4.45	7.59	7.59	/ 6		
reaction time	interval		3.14		# of strides	4.45	3.14
	velocity	6.74	9.55	7.91	30.3	6.74	9.55
Dagry, Samantha (SUI) (1994)	time	4.47	7.65	7.65	/ 7		
reaction time	interval		3.18	=PB	# of strides	4.47	3.18
	velocity	6.71	9.43	7.84	32.8	6.71	9.43
Humair, Aurélie (SUI) (1989)	time	4.45	7.71	7.71	/ 8		
reaction time	interval		3.26		# of strides	4.45	3.26
	velocity	6.74	9.20	7.78	35.2	6.74	9.20

Semi-Final 2

date 27-Feb-16

Swiss Athletics (2016) - sprint and hurdle analysis

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kambundji, Mujinga (SUI) (1992)	time			4.28			7.32	7.32	/ 1			
reaction time	interval						3.04		# of strides	4.28	3.04	
	velocity			7.01			9.87	8.20		7.01	9.87	
Del Ponte, Ajla (SUI) (1996)	time			4.42			7.56	7.56	/ 2			
reaction time	interval						3.14		# of strides	4.42	3.14	
	velocity			6.79			9.55	7.94		6.79	9.55	
Sprunger, Ellen (SUI) (1986)	time			4.45			7.62	7.62	/ 3			
reaction time	interval						3.17		# of strides	4.45	3.17	
	velocity			6.74			9.46	7.87		6.74	9.46	
Dagry, Samantha (SUI) (1994)	time			4.48			7.65	7.65	/ 4			
reaction time	interval						3.17	PB	# of strides	4.48	3.17	
	velocity			6.70			9.46	7.84		6.70	9.46	
Frey, Géraldine (SUI) (1997)	time			4.47			7.67	7.67	/ 5			
reaction time	interval						3.20		# of strides	4.47	3.20	
	velocity			6.71			9.38	7.82		6.71	9.38	
Humair, Fanette (SUI) (1991)	time			4.53			7.78	7.78	/ 6			
reaction time	interval						3.25		# of strides	4.53	3.25	
	velocity			6.62			9.23	7.71		6.62	9.23	
van Beurden, Maartje (SUI) (2000)	time			4.57			7.93	7.93	/ 7			
reaction time	interval						3.36		# of strides	4.57	3.36	
	velocity			6.56			8.93	7.57		6.56	8.93	
van den Berg, Daphne (SUI) (1991)	time			4.64			7.99	7.99	/ 8			
reaction time	interval						3.35		# of strides	4.64	3.35	
	velocity			6.47			8.96	7.51		6.47	8.96	

Semi-Final 1

date 27-Feb-16

Swiss Athletics (2016) - sprint and hurdle analysis

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kora, Salomé (SUI) (1994)	time			4.42			7.47	7.47	/ 1			
reaction time	interval						3.05		# of strides	4.42	3.05	
	velocity			6.79			9.84	8.03		6.79	9.84	
Atcho, Sarah (SUI) (1995)	time			4.44			7.52	7.52	/ 2			
reaction time	interval						3.08		# of strides	4.44	3.08	
	velocity			6.76			9.74	7.98		6.76	9.74	
Keller, Charlene (SUI) (1994)	time			4.47			7.60	7.60	/ 3			
reaction time	interval						3.13		# of strides	4.47	3.13	
	velocity			6.71			9.58	7.89		6.71	9.58	
Humair, Aurélie (SUI) (1989)	time			4.43			7.67	7.67	/ 4			
reaction time	interval						3.24		# of strides	4.43	3.24	
	velocity			6.77			9.26	7.82		6.77	9.26	
Kambundji, Muswama (SUI) (1991)	time			4.47			7.68	7.68	/ 5			
reaction time	interval						3.21		# of strides	4.47	3.21	
	velocity			6.71			9.35	7.81		6.71	9.35	

Busk, Daniela (SWE) (1993)	time	4.51	7.67	9.78	11.92	11.92	3 / 4		
	reaction time		3.16	2.11	2.14		# of strides	4.51	3.16
	velocity	6.65	9.49	9.48	9.35	8.39		6.65	9.49
Slettum, Elisabeth (NOR) (1986)	time	4.51	7.66	9.78	11.95	11.95	2 / 5		
	reaction time		3.15	2.12	2.17		# of strides	4.51	3.15
	velocity	6.65	9.52	9.43	9.22	8.37		6.65	9.52
Bamane, Gladys (SWE) (1989)	time	4.42	7.66	9.82	12.03	12.03	7 / 6		
	reaction time		3.24	2.16	2.21		# of strides	4.42	3.24
	velocity	6.79	9.26	9.26	9.05	8.31		6.79	9.26

B FINAL

date 26-Jul-15 wind 2.1 m/s (2015) - www.windsprint/Splittider/

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Östlund, Jessica (SWE) (1993)	time			4.44			7.56		9.70		11.87	11.87	3 / 1			
	reaction time						3.12		2.14		2.17		# of strides	4.44	3.12	
	velocity			6.76			9.62		9.35		9.22	8.42		6.76	9.62	
Brubak, Mari Gilde (NOR) (1990)	time			4.44			7.59		9.75		11.97	11.97	4 / 2			
	reaction time						3.15		2.16		2.22		# of strides	4.44	3.15	
	velocity			6.76			9.52		9.26		9.01	8.35		6.76	9.52	
Larsson, Caroline (SWE) (1993)	time			4.53			7.66		9.82		12.05	12.05	5 / 3			
	reaction time						3.13		2.16		2.23		# of strides	4.53	3.13	
	velocity			6.62			9.58		9.26		8.97	8.30		6.62	9.58	
Ström, Malin (SWE) (1986)	time			4.50			7.73		9.90		12.15	12.15	7 / 4			
	reaction time						3.23		2.17		2.25		# of strides	4.50	3.23	
	velocity			6.67			9.29		9.22		8.89	8.23		6.67	9.29	
Hässel, Julia (SWE) (1994)	time			4.77			8.16		10.45		12.81	12.81	6 / 5			
	reaction time						3.39		2.29		2.36		# of strides	4.77	3.39	
	velocity			6.29			8.85		8.73		8.47	7.81		6.29	8.85	

C FINAL

date 26-Jul-15 wind 0.1 m/s (2015) - www.windsprint/Splittider/

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nilsson, Evelina (SWE) (1994)	time			4.46			7.72		9.94		12.24	12.24	2 / 1			
	reaction time						3.26		2.22		2.30		# of strides	4.46	3.26	
	velocity			6.73			9.20		9.01		8.70	8.17		6.73	9.20	
Næss, Heidi Hessian (NOR) (1989)	time						7.91		10.13		12.42	12.42	3 / 2			
	reaction time								2.22		2.29		# of strides			
	velocity						7.59		9.01		8.73	8.05				
Finstad Busch, Karin (NOR) (1999)	time						7.87		10.14		12.48	12.48	4 / 3			
	reaction time								2.27		2.34		# of strides			
	velocity						7.62		8.81		8.55	8.01				
Viken, Julie (NOR) (1997)	time						8.04		10.33		12.54	12.54	5 / 4			
	reaction time								2.29		2.21		# of strides			
	velocity						7.46		8.73		9.05	7.97				
Palm, Josefin (SWE) (1994)	time						7.94		10.23		12.63	12.63	6 / 5			
	reaction time								2.29		2.40		# of strides			
	velocity						7.56		8.73		8.33	7.92				
Skagersten, Lisa (SWE) (1992)	time						8.05		10.34		12.64	12.64	7 / 6			
	reaction time								2.29		2.30		# of strides			
	velocity						7.45		8.73		8.70	7.91				

2015 Japanese National Championships (Niigata, JPN)**FINAL**

date 28-Jun-15 wind -0.3 m/s Matsuo (2015) - 2015 men's & women's 100m race analysis

				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fukushima, Chisato (JPN) (1988)	time			2.01	3.15	4.21	5.24	6.26	7.28	8.31	9.35	10.42	11.50	11.50	7 / 1			
	reaction time	0.132	interval		1.14	1.06	1.03	1.02	1.02	1.03	1.04	1.07	1.08		# of strides	4.21	3.07	3.14
	velocity			4.98	8.77	9.43	9.71	9.80	9.80	9.71	9.62	9.35	9.26	8.70	53.5	7.13	9.77	9.55
Miyazawa, Yuki (JPN) (1990)	time			2.04	3.21	4.29	5.34	6.36	7.42	8.48	9.56	10.64	11.77	11.77	4 / 2			
	reaction time	0.158	interval		1.17	1.08	1.05	1.02	1.06	1.06	1.08	1.08	1.13		# of strides	4.29	3.13	3.22
	velocity			4.90	8.55	9.26	9.52	9.80	9.43	9.43	9.26	9.26	8.85	8.50	53.0	6.99	9.58	9.32
Doi, Anna (JPN) (1995)	time			2.06	3.21	4.28	5.33	6.39	7.44	8.50	9.59	10.70	11.83	11.83	5 / 3			
	reaction time	0.156	interval		1.15	1.07	1.05	1.06	1.05	1.06	1.09	1.11	1.13		# of strides	4.28	3.16	3.26
	velocity			4.85	8.70	9.35	9.52	9.43	9.52	9.43	9.17	9.01	8.85	8.45	54.0	7.01	9.49	9.20

Edobar, Iyoba (JPN) (1997)	time	2.10	3.28	4.36	5.41	6.46	7.51	8.57	9.65	10.74	11.86	11.86	2 / 4			
reaction time	0.169 interval		1.18	1.08	1.05	1.05	1.05	1.06	1.08	1.09	1.12		# of strides	4.36	3.15	3.23
	velocity	4.76	8.47	9.26	9.52	9.52	9.52	9.43	9.26	9.17	8.93	8.43	52.2	6.88	9.52	9.29

Semi-Final 2

date	28-Jun-15	wind	-1.5 m/s	<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Miyazawa, Yuki (JPN) (1990)	time	2.05	3.23	4.31	5.36	6.40	7.45	8.51	9.58	10.70	11.85	11.85	4 / 1			
reaction time	0.150 interval		1.18	1.08	1.05	1.04	1.05	1.06	1.07	1.12	1.15		# of strides	4.31	3.14	3.25
	velocity	4.88	8.47	9.26	9.52	9.62	9.52	9.43	9.35	8.93	8.70	8.44	54.0	6.96	9.55	9.23

Semi-Final 1

date	28-Jun-15	wind	1.9 m/s	<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fukushima, Chisato (JPN) (1988)	time	2.01	3.13	4.18	5.20	6.21	7.21	8.23	9.28	10.34	11.42	11.42	6 / 1			
reaction time	0.137 interval		1.12	1.05	1.02	1.01	1.00	1.02	1.05	1.06	1.08		# of strides	4.18	3.03	3.13
	velocity	4.98	8.93	9.52	9.80	9.90	10.00	9.80	9.52	9.43	9.26	8.76	52.5	7.18	9.90	9.58
Seko, Nodoka (JPN) (1991)	time	2.03	3.17	4.26	5.31	6.35	7.39	8.46	9.56	10.67	11.80	11.80	5 / 2			
reaction time	0.162 interval		1.14	1.09	1.05	1.04	1.04	1.07	1.10	1.11	1.13		# of strides	4.26	3.13	3.28
	velocity	4.93	8.77	9.17	9.52	9.62	9.62	9.35	9.09	9.01	8.85	8.47	55.7	7.04	9.58	9.15

Heat 3

date	27-Jun-15	wind	-0.5 m/s	<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Doi, Anna (JPN) (1995)	time	1.98	3.15	4.23	5.27	6.30	7.35	8.41	9.49	10.59	11.72	11.72	3 / 1			
reaction time	0.142 interval		1.17	1.08	1.04	1.03	1.05	1.06	1.08	1.10	1.13		# of strides	4.23	3.12	3.24
	velocity	5.05	8.55	9.26	9.62	9.71	9.52	9.43	9.26	9.09	8.85	8.53	54.0	7.09	9.62	9.26
Ichikawa, Kana (JPN) (1991)	time	2.10	3.27	4.35	5.39	6.43	7.48	8.53	9.60	10.70	11.82	11.82	5 / 2			
reaction time	0.147 interval		1.17	1.08	1.04	1.04	1.05	1.05	1.07	1.10	1.12		# of strides	4.35	3.13	3.22
	velocity	4.76	8.55	9.26	9.62	9.62	9.52	9.52	9.35	9.09	8.93	8.46	50.0	6.90	9.58	9.32

Heat 2

date	27-Jun-15	wind	0.0 m/s	<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Watanabe, Mayumi (JPN) (1983)	time	2.09	3.25	4.32	5.36	6.40	7.46	8.52	9.61	10.72	11.86	11.86	5 / 2			
reaction time	0.215 interval		1.16	1.07	1.04	1.04	1.06	1.06	1.09	1.11	1.14		# of strides	4.32	3.14	3.26
	velocity	4.78	8.62	9.35	9.62	9.62	9.43	9.43	9.17	9.01	8.77	8.43	53.7	6.94	9.55	9.20

2015 Seiko Golden Grand Prix (Kawasaki, JPN)**FINAL**

date	10-May-15	wind	1.2 m/s	<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bartoletta, Tianna (USA) (1985)	time	2.01	3.13	4.18	5.19	6.19	7.18	8.18	9.18	10.20	11.26	11.26	5 / 1			
reaction time	interval		1.12	1.05	1.01	1.00	0.99	1.00	1.00	1.02	1.06		# of strides	4.18	3.00	3.02
	velocity	4.98	8.93	9.52	9.90	10.00	10.10	10.00	10.00	9.80	9.43	8.88	49.2	7.18	10.00	9.93
Facey, Simone (JAM) (1985)	time	2.02	3.16	4.20	5.22	6.22	7.22	8.21	9.22	10.24	11.27	11.27	4 / 3			
reaction time	interval		1.14	1.04	1.02	1.00	1.00	0.99	1.01	1.02	1.03		# of strides	4.20	3.02	3.02
	velocity	4.95	8.77	9.62	9.80	10.00	10.00	10.10	9.90	9.80	9.71	8.87	49.7	7.14	9.93	9.93
Breen, Melissa (AUS) (1990)	time	2.07	3.22	4.28	5.30	6.32	7.33	8.34	9.38	10.41	11.49	11.49	6 / 5			
reaction time	interval		1.15	1.06	1.02	1.02	1.01	1.01	1.04	1.03	1.08		# of strides	4.28	3.05	3.08
	velocity	4.83	8.70	9.43	9.80	9.80	9.90	9.90	9.62	9.71	9.26	8.70	50.7	7.01	9.84	9.74
Seko, Nodoka (JPN) (1991)	time	2.03	3.19	4.28	5.32	6.36	7.40	8.44	9.50	10.57	11.65	11.65	7 / 6			
reaction time	interval		1.16	1.09	1.04	1.04	1.04	1.04	1.06	1.07	1.08		# of strides	4.28	3.12	3.17
	velocity	4.93	8.62	9.17	9.62	9.62	9.62	9.62	9.43	9.35	9.26	8.58	55.5	7.01	9.62	9.46
Kitakaze, Saori (JPN) (1985)	time	2.04	3.20	4.28	5.33	6.36	7.40	8.45	9.52	10.62	11.73	11.73	8 / 7			
reaction time	interval		1.16	1.08	1.05	1.03	1.04	1.05	1.07	1.10	1.11		# of strides	4.28	3.12	3.22
	velocity	4.90	8.62	9.26	9.52	9.71	9.62	9.52	9.35	9.09	9.01	8.53	58.2	7.01	9.62	9.32

2015 Mikio Oda Memorial (Hiroshima, JPN)**FINAL**

date	19-Apr-15	wind	-0.2 m/s	<i>Matsuo (2015) - 2015 men's & women's 100m race analysis</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Breen, Melissa (AUS) (1990)	time	2.07	3.22	4.27	5.29	6.30	7.31	8.33	9.36	10.40	11.47	11.47	6 / 1			
reaction time	interval		1.15	1.05	1.02	1.01	1.01	1.02	1.03	1.04	1.07		# of strides	4.27	3.04	3.09
	velocity	4.83	8.70	9.52	9.80	9.90	9.90	9.80	9.71	9.62	9.35	8.72	50.0	7.03	9.87	9.71
Watanabe, Mayumi (JPN) (1983)	time	2.08	3.25	4.33	5.37	6.39	7.43	8.48	9.54	10.63	11.74	11.74	3 / 2			
reaction time	interval		1.17	1.08	1.04	1.02	1.04	1.05	1.06	1.09	1.11		# of strides	4.33	3.10	3.20
	velocity	4.81	8.55	9.26	9.62	9.80	9.62	9.52	9.43	9.17	9.01	8.52	53.5	6.93	9.68	9.38
Doi, Anna (JPN) (1995)	time	2.04	3.20	4.27	5.31	6.35	7.40	8.45	9.53	10.62	11.74	11.74	5 / 3			
reaction time	interval		1.16	1.07	1.04	1.04	1.05	1.05	1.08	1.09	1.12		# of strides	4.27	3.13	3.22
	velocity	4.90	8.62	9.35	9.62	9.62	9.52	9.52	9.26	9.17	8.93	8.52	54.2	7.03	9.58	9.32

Ichikawa, Kana (JPN) (1991)	time	2.11	3.33	4.41	5.48	6.53	7.58	8.63	9.69	10.75	11.85	11.85	4 / 4			
	reaction time	interval	1.22	1.08	1.07	1.05	1.05	1.05	1.06	1.06	1.10		# of strides	4.41	3.17	3.17
	velocity	4.74	8.20	9.26	9.35	9.52	9.52	9.52	9.43	9.43	9.09	8.44	50.2	6.80	9.46	9.46

Heat 3

date	19-Apr-15	wind 0.2 m/s									Matsuo (2015) - 2015 men's & women's 100m race analysis						
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
	time	2.06	3.22	4.29	5.33	6.37	7.41	8.46	9.54	10.63	11.75	11.75	6 / 1				
interval		1.16	1.07	1.04	1.04	1.04	1.05	1.08	1.09	1.12			# of strides	4.29	3.12	3.22	
velocity		4.85	8.62	9.35	9.62	9.62	9.62	9.52	9.26	9.17	8.93	8.51	54.5	6.99	9.62	9.32	

Heat 1

date		19-Apr-15		wind		0.8 m/s		Matsuo (2015) - 2015 men's & women's 100m race analysis									
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
983)	time	2.03	3.19	4.26	5.29	6.33	7.36	8.42	9.50	10.60	11.73	11.73	6 / 2				
	interval		1.16	1.07	1.03	1.04	1.03	1.06	1.08	1.10	1.13		# of strides	4.26	3.10	3.24	
	velocity	4.93	8.62	9.35	9.71	9.62	9.71	9.43	9.26	9.09	8.85	8.53	53.0	7.04	9.68	9.26	

2014 Japanese National High School Championships (Kofu, JPN)

FINAL

date		31-Jul-14			wind -2.4 m/s			Yanagiya (2014) - research on athlete performance and technique- 2014 data book											
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Edobar, Iyoba (JPN) (1997)	time	2.13	3.32	4.42	5.49	6.55	7.61	8.70	9.80	10.93	12.06	12.06	/ 1						
	interval		1.19	1.10	1.07	1.06	1.06	1.09	1.10	1.13	1.13		# of strides	4.42	3.19	3.32			
	velocity	4.69	8.40	9.09	9.35	9.43	9.43	9.17	9.09	8.85	8.85	8.29		6.79	9.40	9.04			
Sato, Hinako (JPN) (1996)	time	2.06	3.27	4.39	5.48	6.55	7.64	8.73	9.83	10.94	12.07	12.07	/ 2						
	interval		1.21	1.12	1.09	1.07	1.09	1.09	1.10	1.11	1.13		# of strides	4.39	3.25	3.30			
	velocity	4.85	8.26	8.93	9.17	9.35	9.17	9.17	9.09	9.01	8.85	8.29		6.83	9.23	9.09			
Aoyama, Seika (JPN) (1996)	time	2.11	3.31	4.42	5.50	6.57	7.64	8.73	9.82	10.94	12.12	12.12	/ 3						
	interval		1.20	1.11	1.08	1.07	1.07	1.09	1.09	1.12	1.18		# of strides	4.42	3.22	3.30			
	velocity	4.74	8.33	9.01	9.26	9.35	9.35	9.17	9.17	8.93	8.47	8.25		6.79	9.32	9.09			
Adachi, Sayaka (JPN) (1996)	time	2.15	3.36	4.48	5.57	6.64	7.72	8.81	9.90	11.01	12.19	12.19	/ 4						
	interval		1.21	1.12	1.09	1.07	1.08	1.09	1.09	1.11	1.18		# of strides	4.48	3.24	3.29			
	velocity	4.65	8.26	8.93	9.17	9.35	9.26	9.17	9.17	9.01	8.47	8.20		6.70	9.26	9.12			

2014 Windsprint (Sundsvall, SWE)

A FINAL

		date	20-Jul-14	wind	1.2 m/s	(2014) - www.ssg.se/windsprint/Splittider/											
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
(1994)	time				4.20			7.17		9.16		11.24	11.24	3 / 1			
	interval							2.97		1.99		2.08		# of strides	4.20	2.97	
	velocity				7.14			10.10		10.05		9.62	8.90		7.14	10.10	
(1988)	time				4.19			7.19		9.21		11.32	11.32	5 / 2			
	interval							3.00		2.02		2.11		# of strides	4.19	3.00	
	velocity				7.16			10.00		9.90		9.48	8.83		7.16	10.00	
(1992)	time				4.23			7.23		9.25		11.34	11.34	4 / 3			
	interval							3.00		2.02		2.09		# of strides	4.23	3.00	
	velocity				7.09			10.00		9.90		9.57	8.82		7.09	10.00	
(1989)	time				4.46			7.59		9.69		11.83	11.83	2 / 4			
	interval							3.13		2.10		2.14	PB	# of strides	4.46	3.13	
	velocity				6.73			9.58		9.52		9.35	8.45		6.73	9.58	
(1992)	time				4.43			7.59		9.73		11.92	11.92	7 / 5			
	interval							3.16		2.14		2.19		# of strides	4.43	3.16	
	velocity				6.77			9.49		9.35		9.13	8.39		6.77	9.49	
(1986)	time				4.59			7.77		9.88		12.04	12.04	6 / 6			
	interval							3.18		2.11		2.16		# of strides	4.59	3.18	
	velocity				6.54			9.43		9.48		9.26	8.31		6.54	9.43	
(1991)	time				4.48			7.71		9.87		12.06	12.06	1 / 7			
	interval							3.23		2.16		2.19	PB	# of strides	4.48	3.23	
	velocity				6.70			9.29		9.26		9.13	8.29		6.70	9.29	
(1995)	time				4.47			7.65		9.82		12.07	12.07	8 / 8			
	interval							3.18		2.17		2.25		# of strides	4.47	3.18	
	velocity				6.71			9.43		9.22		8.89	8.29		6.71	9.43	

B FINAL

date		20-Jul-14	wind	2.3 m/s												(2014) - www.ssg.se/windsprint/Splittider/				
99)			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
	time				4.44			7.64		9.79		11.99	11.99	4 / 1						
	interval							3.20		2.15		2.20		# of strides	4.44	3.20				

	velocity	6.76	9.38	9.30	9.09	8.34		6.76	9.38
Jensen, Christine (DEN) (1991)	time	4.54	7.72	9.87	12.04	12.04	6 / 2		
reaction time	interval		3.18	2.15	2.17		# of strides	4.54	3.18
	velocity	6.61	9.43	9.30	9.22	8.31		6.61	9.43
Johansson, Malin (SWE) (1992)	time	4.56	7.77	9.92	12.13	12.13	2 / 3		
reaction time	interval		3.21	2.15	2.21		# of strides	4.56	3.21
	velocity	6.58	9.35	9.30	9.05	8.24		6.58	9.35
Östlund, Jessica (SWE) (1993)	time	4.51	7.71	9.88	12.14	12.14	7 / 4		
reaction time	interval		3.20	2.17	2.26		# of strides	4.51	3.20
	velocity	6.65	9.38	9.22	8.85	8.24		6.65	9.38
Sönnerfors, Marie (SWE) (1993)	time	4.57	7.80	9.99	12.23	12.23	3 / 5		
reaction time	interval		3.23	2.19	2.24		# of strides	4.57	3.23
	velocity	6.56	9.29	9.13	8.93	8.18		6.56	9.29

C FINAL

date 20-Jul-14		wind 0.7 m/s		(2014) - www.ssg.se/windsprint/Splittider/														
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Grønneberg, Alvide (NOR) (1992)	time			4.42			7.66		9.87		12.13	12.13	4 / 1					
reaction time	interval						3.24		2.21		2.26		# of strides	4.42	3.24			
	velocity			6.79			9.26		9.05		8.85	8.24		6.79	9.26			
Næss, Heidi Hessian (NOR) (1989)	time			4.56			7.81		9.97		12.17	12.17	5 / 2					
reaction time	interval						3.25		2.16		2.20		# of strides	4.56	3.25			
	velocity			6.58			9.23		9.26		9.09	8.22		6.58	9.23			
Brubak, Mari Gilde (NOR) (1990)	time			4.50			7.76		9.94		12.18	12.18	3 / 3					
reaction time	interval						3.26		2.18		2.24		# of strides	4.50	3.26			
	velocity			6.67			9.20		9.17		8.93	8.21		6.67	9.20			
Killander, Linnea (SWE) (1993)	time			4.61			7.81		9.99		12.22	12.22	6 / 4					
reaction time	interval						3.20		2.18		2.23		# of strides	4.61	3.20			
	velocity			6.51			9.38		9.17		8.97	8.18		6.51	9.38			
Evensen, Marianne (NOR) (1996)	time			4.56			7.86		10.11		12.40	12.40	2 / 5					
reaction time	interval						3.30		2.25		2.29		# of strides	4.56	3.30			
	velocity			6.58			9.09		8.89		8.73	8.06		6.58	9.09			
Nilsson, Evelina (SWE) (1994)	time			4.65			7.99		10.29		12.63	12.63	8 / 6					
reaction time	interval						3.34		2.30		2.34		# of strides	4.65	3.34			
	velocity			6.45			8.98		8.70		8.55	7.92		6.45	8.98			
Gjesbakk, Vilde (NOR) (1996)	time			4.62			7.98		10.27		12.67	12.67	7 / 7					
reaction time	interval						3.36		2.29		2.40		# of strides	4.62	3.36			
	velocity			6.49			8.93		8.73		8.33	7.89		6.49	8.93			

D FINAL

date 20-Jul-14		wind 3.1 m/s		(2014) - www.ssg.se/windsprint/Splittider/														
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Ullgren, Moa (SWE) (1996)	time			4.63			8.00		10.26		12.60	12.60	4 / 1					
reaction time	interval						3.37		2.26		2.34		# of strides	4.63	3.37			
	velocity			6.48			8.90		8.85		8.55	7.94		6.48	8.90			
Panboon, Fanny (SWE) (1995)	time			4.56			7.91		10.23		12.68	12.68	3 / 2					
reaction time	interval						3.35		2.32		2.45		# of strides	4.56	3.35			
	velocity			6.58			8.96		8.62		8.16	7.89		6.58	8.96			
Sögnésand, Emelie (NOR) (1994)	time			4.74			8.21		10.59		13.06	13.06	5 / 3					
reaction time	interval						3.47		2.38		2.47		# of strides	4.74	3.47			
	velocity			6.33			8.65		8.40		8.10	7.66		6.33	8.65			
Sunneborn, Anna (SWE) (1970)	time			4.73			8.24		10.65		13.16	13.16	6 / 4					
reaction time	interval						3.51		2.41		2.51		# of strides	4.73	3.51			
	velocity			6.34			8.55		8.30		7.97	7.60		6.34	8.55			

2014 Czech Republic National U20 Championships (Trinec, CZE)

FINAL

date 28-Jun-14		wind -4.5 m/s		Feher (2014) - Final report from the U18 & U20 Czech Republic national championships														
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Hofmanová, Martina (CZE) (1995)	time	2.18	3.40	4.53	5.61	6.70	7.80	8.91	10.02	11.15	12.35	12.35	5 / 1					
reaction time 0.157	interval		1.22	1.13	1.08	1.09	1.10	1.11	1.11	1.13	1.20		# of strides	4.53	3.27	3.35		
	velocity	4.59	8.20	8.85	9.26	9.17	9.09	9.01	9.01	8.85	8.33	8.10		6.62	9.17	8.96		
Kobiánová, Kristyna (CZE) (1995)	time	2.19	3.40	4.53	5.62	6.71	7.81	8.93	10.05	11.22	12.44	12.44	6 / 2					
reaction time 0.189	interval		1.21	1.13	1.09	1.09	1.10	1.12	1.12	1.17	1.22		# of strides	4.53	3.28	3.41		

	velocity	4.57	8.26	8.85	9.17	9.17	9.09	8.93	8.93	8.55	8.20	8.04		6.62	9.15	8.80
Janoušová, Jana (CZE) (1995)	time	2.18	3.39	4.54	5.61	6.71	7.81	8.93	10.05	11.23	12.46	12.46	4 / 3			
	reaction time	0.146	interval	1.21	1.15	1.07	1.10	1.10	1.12	1.18	1.23		# of strides	4.54	3.27	3.42
	velocity	4.59	8.26	8.70	9.35	9.09	9.09	8.93	8.93	8.47	8.13	8.03		6.61	9.17	8.77
Homolová, Martina (CZE) (1996)	time	2.21	3.43	4.59	5.72	6.83	7.95	9.06	10.19	11.33	12.55	12.55	2 / 4			
	reaction time	0.136	interval	1.22	1.16	1.13	1.11	1.12	1.11	1.13	1.14	1.22	# of strides	4.59	3.36	3.38
	velocity	4.52	8.20	8.62	8.85	9.01	8.93	9.01	8.85	8.77	8.20	7.97		6.54	8.93	8.88
Doležalová, Bára (CZE) (1996)	time	2.29	3.53	4.70	5.81	6.93	8.06	9.20	10.34	11.52	12.77	12.77	7 / 5			
	reaction time	0.259	interval	1.24	1.17	1.11	1.12	1.13	1.14	1.14	1.18	1.25	# of strides	4.70	3.36	3.46
	velocity	4.37	8.06	8.55	9.01	8.93	8.85	8.77	8.77	8.47	8.00	7.83		6.38	8.93	8.67
Hlaváčková, Šárka (CZE) (1995)	time	2.21	3.43	4.59	5.71	6.84	7.98	9.14	10.30	11.50	12.78	12.78	1 / 6			
	reaction time	0.117	interval	1.22	1.16	1.12	1.13	1.14	1.16	1.16	1.20	1.28	# of strides	4.59	3.39	3.52
	velocity	4.52	8.20	8.62	8.93	8.85	8.77	8.62	8.62	8.33	7.81	7.82		6.54	8.85	8.52
Prochová, Hana (CZE) (1996)	time	2.22	3.47	4.66	5.79	6.92	8.06	9.21	10.38	11.57	12.84	12.84	8 / 7			
	reaction time	0.160	interval	1.25	1.19	1.13	1.14	1.15	1.17	1.19	1.27		# of strides	4.66	3.40	3.51
	velocity	4.50	8.00	8.40	8.85	8.85	8.77	8.70	8.55	8.40	7.87	7.79		6.44	8.82	8.55
Kadlecová, Adéla (CZE) (1996)	time	2.27	3.49	4.69	5.83	6.96	8.11	9.25	10.40	11.58	12.87	12.87	3 / 8			
	reaction time	0.162	interval	1.22	1.20	1.14	1.13	1.15	1.14	1.15	1.18	1.29	# of strides	4.69	3.42	3.47
	velocity	4.41	8.20	8.33	8.77	8.85	8.70	8.77	8.70	8.47	7.75	7.77		6.40	8.77	8.65

Heat 3

date		28-Jun-14	wind	Feher (2014) - Final report from the U18 & U20 Czech Republic national championships													
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
(1995)	time			3.45		5.70		7.91		10.11		12.37	12.37	4 / 1			
	0.182 interval					2.25		2.21		2.20		2.26		# of strides			
	velocity			5.80		8.89		9.05		9.09		8.85	8.08				
(1996)	time			3.48		5.79		8.02		10.23		12.50	12.50	5 / 2			
	0.142 interval					2.31		2.23		2.21		2.27		# of strides			
	velocity			5.75		8.66		8.97		9.05		8.81	8.00				
(1995)	time			3.52		5.85		8.15		10.46		12.84	12.84	3 / 3			
	0.168 interval					2.33		2.30		2.31		2.38		# of strides			
	velocity			5.68		8.58		8.70		8.66		8.40	7.79				
(1995)	time			3.60		6.04		8.43		10.81		13.22	13.22	6 / 4			
	0.157 interval					2.44		2.39		2.38		2.41		# of strides			
	velocity			5.56		8.20		8.37		8.40		8.30	7.56				
)	time			3.65		6.07		8.46		10.88		13.37	13.37	2 / 5			
	0.187 interval					2.42		2.39		2.42		2.49		# of strides			
	velocity			5.48		8.26		8.37		8.26		8.03	7.48				
(1996)	time			3.70		6.15		8.53		10.96		13.48	13.48	7 / 6			
	0.368 interval					2.45		2.38		2.43		2.52		# of strides			
	velocity			5.41		8.16		8.40		8.23		7.94	7.42				

Heat 2

date		28-Jun-14	wind	-3.2 m/s	Feher (2014) - Final report from the U18 & U20 Czech Republic national championships												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
(1995)	time			3.40		5.64		7.85		10.10		12.44	12.44	4 / 1			
	0.186 interval					2.24		2.21		2.25		2.34		# of strides			
	velocity			5.88		8.93		9.05		8.89		8.55	8.04				
(1996)	time			3.48		5.74		7.95		10.21		12.57	12.57	5 / 2			
	0.216 interval					2.26		2.21		2.26		2.36		# of strides			
	velocity			5.75		8.85		9.05		8.85		8.47	7.96				
(1995)	time			3.43		5.72		7.97		10.26		12.70	12.70	3 / 3			
	0.164 interval					2.29		2.25		2.29		2.44		# of strides			
	velocity			5.83		8.73		8.89		8.73		8.20	7.87				
(1996)	time			3.62		5.97		8.28		10.63		13.03	13.03	6 / 4			
	0.245 interval					2.35		2.31		2.35		2.40		# of strides			
	velocity			5.52		8.51		8.66		8.51		8.33	7.67				
(1996)	time			3.62		6.03		8.40		10.81		13.32	13.32	7 / 5			
	0.173 interval					2.41		2.37		2.41		2.51		# of strides			
	velocity			5.52		8.30		8.44		8.30		7.97	7.51				

Heat 1

	date	28-Jun-14	wind	-0.1 m/s	Feher (2014) - Final report from the U18 & U20 Czech Republic national championships											
--	------	-----------	------	----------	--	--	--	--	--	--	--	--	--	--	--	--

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Janoušová, Jana (CZE) (1995)	time		3.35		5.55		7.71		9.91		12.17	12.17	4 / 1			
	reaction time	0.101			2.20		2.16		2.20		2.26		# of strides			
	velocity		5.97		9.09		9.26		9.09		8.85	8.22				
Kadlecová, Adéla (CZE) (1996)	time		3.53		5.81		7.97		10.14		12.41	12.41	5 / 2			
	reaction time	0.206			2.28		2.16		2.17		2.27		# of strides			
	velocity		5.67		8.77		9.26		9.22		8.81	8.06				
Hlaváčková, Šárka (CZE) (1995)	time		3.54		5.82		8.01		10.27		12.61	12.61	3 / 3			
	reaction time	0.218			2.28		2.19		2.26		2.34		# of strides			
	velocity		5.65		8.77		9.13		8.85		8.55	7.93				
Vodičková, Pavla (CZE) (1996)	time		3.62		5.97		8.24		10.55		12.93	12.93	6 / 4			
	reaction time	0.340			2.35		2.27		2.31		2.38		# of strides			
	velocity		5.52		8.51		8.81		8.66		8.40	7.73				
Švejodová, Monika (CZE) (1996)	time		3.73		6.18		8.55		10.96		13.46	13.46	7 / 5			
	reaction time	0.222			2.45		2.37		2.41		2.50		# of strides			
	velocity		5.36		8.16		8.44		8.30		8.00	7.43				
Caisová, Hana (CZE) (1995)	time		3.71		6.15		8.55		10.98		13.48	13.48	2 / 6			
	reaction time	0.212			2.44		2.40		2.43		2.50		# of strides			
	velocity		5.39		8.20		8.33		8.23		8.00	7.42				
Vělová, Adéla (CZE) (1995)	time		3.71		6.21		8.64		11.13		13.73	13.73	1 / 7			
	reaction time	0.173			2.50		2.43		2.49		2.60		# of strides			
	velocity		5.39		8.00		8.23		8.03		7.69	7.28				

2014 Czech Republic National U18 Championships (Trinec, CZE)

FINAL

date 28-Jun-14 wind -6.4 m/s

Feher (2014) - Final report from the U18 & U20 Czech Republic national championships

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Paličková, Veronika (CZE) (1997)	time	2.10	3.28	4.42	5.52	6.64	7.75	8.87	10.01	11.17	12.34	12.34	4 / 1			
	reaction time	0.146			1.18	1.14	1.10	1.12	1.14	1.16	1.17		# of strides	4.42	3.33	3.42
	velocity	4.76	8.47	8.77	9.09	8.93	9.01	8.93	8.77	8.62	8.55	8.10		6.79	9.01	8.77
Gerulová, Emily (CZE) (1997)	time	2.14	3.35	4.49	5.63	6.76	7.93	9.10	10.27	11.46	12.68	12.68	2 / 2			
	reaction time	0.158			1.21	1.14	1.14	1.17	1.17	1.19	1.22		# of strides	4.49	3.44	3.53
	velocity	4.67	8.26	8.77	8.77	8.85	8.55	8.55	8.55	8.40	8.20	7.89		6.68	8.72	8.50
Šafříková, Petra (CZE) (1998)	time	2.18	3.42	4.59	5.72	6.85	8.00	9.14	10.30	11.49	12.69	12.69	3 / 3			
	reaction time	0.154			1.24	1.17	1.13	1.15	1.14	1.16	1.19	1.20	# of strides	4.59	3.41	3.49
	velocity	4.59	8.06	8.55	8.85	8.85	8.70	8.77	8.62	8.40	8.33	7.88		6.54	8.80	8.60
Vávrová, Katerina (CZE) (1998)	time	2.16	3.40	4.58	5.74	6.90	8.07	9.23	10.40	11.58	12.76	12.76	5 / 4			
	reaction time	0.126			1.24	1.18	1.16	1.17	1.16	1.17	1.18		# of strides	4.58	3.49	3.51
	velocity	4.63	8.06	8.47	8.62	8.62	8.55	8.62	8.55	8.47	8.47	7.84		6.55	8.60	8.55
Zlatníková, Lucie (CZE) (1997)	time	2.22	3.49	4.65	5.81	6.96	8.13	9.31	10.50	11.72	12.97	12.97	6 / 5			
	reaction time	0.184			1.27	1.16	1.16	1.15	1.17	1.18	1.19	1.22	# of strides	4.65	3.48	3.59
	velocity	4.50	7.87	8.62	8.62	8.70	8.55	8.47	8.40	8.20	8.00	7.71		6.45	8.62	8.36
Bracháčková, Petra (CZE) (1997)	time	2.27	3.50	4.69	5.84	7.00	8.16	9.36	10.56	11.78	13.02	13.02	7 / 6			
	reaction time	0.146			1.23	1.19	1.15	1.16	1.20	1.20	1.22	1.24	# of strides	4.69	3.47	3.62
	velocity	4.41	8.13	8.40	8.70	8.62	8.62	8.33	8.33	8.20	8.06	7.68		6.40	8.65	8.29
Sejkorová, Michaela (CZE) (1997)	time	2.32	3.58	4.75	5.90	7.05	8.23	9.40	10.61	11.82	13.06	13.06	8 / 7			
	reaction time	0.211			1.26	1.17	1.15	1.18	1.17	1.21	1.24		# of strides	4.75	3.48	3.59
	velocity	4.31	7.94	8.55	8.70	8.70	8.47	8.55	8.26	8.26	8.06	7.66		6.32	8.62	8.36
Rajmonová, Anežka (CZE) (1997)	time	2.25	3.54	4.75	5.92	7.09	8.29	9.48	10.68	11.90	13.16	13.16	1 / 8			
	reaction time	0.169			1.29	1.21	1.17	1.20	1.19	1.20	1.22	1.26	# of strides	4.75	3.54	3.61
	velocity	4.44	7.75	8.26	8.55	8.55	8.33	8.40	8.33	8.20	7.94	7.60		6.32	8.47	8.31

Heat 3

date 28-Jun-14 wind -1.4 m/s

Feher (2014) - Final report from the U18 & U20 Czech Republic national championships

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Šafříková, Petra (CZE) (1998)	time		3.49		5.75		7.95		10.19		12.46	12.46	5 / 1			
	reaction time	0.176			2.26		2.20		2.24		2.27		# of strides			
	velocity		5.73		8.85		9.09		8.93		8.81	8.03				
Zlatníková, Lucie (CZE) (1997)	time		3.46		5.72		7.94		10.20		12.50	12.50	4 / 2			
	reaction time	0.148			2.26		2.22		2.26		2.30		# of strides			
	velocity		5.78		8.85		9.01		8.85		8.70	8.00				
Bracháčková, Petra (CZE) (1997)	time		3.53		5.80		8.04		10.34		12.70	12.70	7 / 3			

reaction time	0.192	interval		2.27	2.24	2.30	2.36		# of strides
		velocity	5.67	8.81	8.93	8.70	8.47	7.87	
Rajmonová, Anežka (CZE) (1997)	time	3.58	5.89	8.14	10.43	12.72	12.72		6 / 4
reaction time	0.188	interval		2.31	2.25	2.29	2.29		# of strides
		velocity	5.59	8.66	8.89	8.73	8.73	7.86	
Valášková, Tereza (CZE) (1998)	time	3.48	5.75	8.01	10.34	12.73	12.73		3 / 5
reaction time	0.169	interval		2.27	2.26	2.33	2.39		# of strides
		velocity	5.75	8.81	8.85	8.58	8.37	7.86	
Belohlavová, Petra (CZE) (1998)	time	3.59	5.89	8.14	10.43	12.76	12.76		1 / 6
reaction time	0.216	interval		2.30	2.25	2.29	2.33		# of strides
		velocity	5.57	8.70	8.89	8.73	8.58	7.84	
Novosadová, Jana (CZE) (1997)	time	3.59	5.92	8.21	10.53	12.90	12.90		2 / 7
reaction time	0.169	interval		2.33	2.29	2.32	2.37		# of strides
		velocity	5.57	8.58	8.73	8.62	8.44	7.75	
Chodorová, Simona (CZE) (1998)	time	3.65	6.03	8.42	10.85	13.32	13.32		8 / 8
reaction time	0.233	interval		2.38	2.39	2.43	2.47		# of strides
		velocity	5.48	8.40	8.37	8.23	8.10	7.51	

Heat 2

date 28-Jun-14

wind -4.3 m/s

Feher (2014) - Final report from the U18 & U20 Czech Republic national championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Paličková, Veronika (CZE) (1997)	time		3.27			5.50		7.71		9.96		12.31	12.31		4 / 1		
reaction time	0.157	interval				2.23		2.21		2.25		2.35			# of strides		
		velocity	6.12			8.97		9.05		8.89		8.51	8.12				
Gerulová, Emily (CZE) (1997)	time		3.33			5.56		7.80		10.12		12.51	12.51		5 / 2		
reaction time	0.154	interval				2.23		2.24		2.32		2.39			# of strides		
		velocity	6.01			8.97		8.93		8.62		8.37	7.99				
Fuksová, Karolína (CZE) (1998)	time		3.58			5.93		8.26		10.63		13.03	13.03		6 / 3		
reaction time	0.455	interval				2.35		2.33		2.37		2.40			# of strides		
		velocity	5.59			8.51		8.58		8.44		8.33	7.67				
Patková, Dominika (CZE) (1997)	time		3.43			5.77		8.12		10.53		13.06	13.06		3 / 4		
reaction time	0.170	interval				2.34		2.35		2.41		2.53			# of strides		
		velocity	5.83			8.55		8.51		8.30		7.91	7.66				
Novotná, Lenka (CZE) (1997)	time		3.58			5.93		8.28		10.67		13.14	13.14		2 / 5		
reaction time	0.183	interval				2.35		2.35		2.39		2.47			# of strides		
		velocity	5.59			8.51		8.51		8.37		8.10	7.61				
Petrikovičová, Markéta (CZE) (1997)	time		3.65			6.05		8.44		10.85		13.34	13.34		7 / 6		
reaction time	0.245	interval				2.40		2.39		2.41		2.49			# of strides		
		velocity	5.48			8.33		8.37		8.30		8.03	7.50				
Sedláčková, Simona (CZE) (1997)	time		3.50			5.93		8.33		10.80		13.37	13.37		8 / 7		
reaction time	0.160	interval				2.43		2.40		2.47		2.57			# of strides		
		velocity	5.71			8.23		8.33		8.10		7.78	7.48				
Božková Katerina (CZE) (1998)	time		3.58			6.02		8.47		10.98		13.61	13.61		1 / 8		
reaction time	0.184	interval				2.44		2.45		2.51		2.63			# of strides		
		velocity	5.59			8.20		8.16		7.97		7.60	7.35				

Heat 1

date 28-Jun-14

wind -1.7 m/s

Feher (2014) - Final report from the U18 & U20 Czech Republic national championships

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Vávrová, Katerina (CZE) (1998)	time		3.37			5.63		7.86		10.13		12.46	12.46		4 / 1		
reaction time	0.135	interval				2.26		2.23		2.27		2.33			# of strides		
		velocity	5.93			8.85		8.97		8.81		8.58	8.03				
Sejkorová, Michaela (CZE) (1997)	time		3.50			5.78		8.03		10.34		12.75	12.75		5 / 2		
reaction time	0.161	interval				2.28		2.25		2.31		2.41			# of strides		
		velocity	5.71			8.77		8.89		8.66		8.30	7.84				
Šuhájková, Anna (CZE) (1998)	time		3.49			5.80		8.05		10.35		12.76	12.76		3 / 3		
reaction time	0.125	interval				2.31		2.25		2.30		2.41			# of strides		
		velocity	5.73			8.66		8.89		8.70		8.30	7.84				
Niščáková, Veronika (CZE) (1997)	time		3.55			5.95		8.28		10.67		13.12	13.12		2 / 4		
reaction time	0.220	interval				2.40		2.33		2.39		2.45			# of strides		
		velocity	5.63			8.33		8.58		8.37		8.16	7.62				

Slavetínská, Karolína (CZE) (1997)	time	3.62	5.99	8.32	10.68	13.15	13.15	6 / 5
	reaction time	0.221	interval	2.37	2.33	2.36	2.47	# of strides
	velocity	5.52	8.44	8.58	8.47	8.10	7.60	
Vlková, Natálie (CZE) (1998)	time	3.46	5.85	8.24	10.66	13.19	13.19	1 / 6
	reaction time	0.136	interval	2.39	2.39	2.42	2.53	# of strides
	velocity	5.78	8.37	8.37	8.26	7.91	7.58	
Rubášová, Nikola (CZE) (1998)	time	3.67	6.06	8.45	10.89	13.48	13.48	7 / 7
	reaction time	0.216	interval	2.39	2.39	2.44	2.59	# of strides
	velocity	5.45	8.37	8.37	8.20	7.72	7.42	

2014 Japanese National Championships (Fukushima, JPN)

Heat 3

eat 3

	date 07-Jun-14	wind 1.1 m/s		Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race												
Fukushima, Chisato (JPN) (1988)	time	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
	reaction time	2.08	3.22	4.27	5.30	6.32	7.35	8.37	9.42	10.48	11.57	11.57	7 / 1			
	interval		1.14	1.05	1.03	1.02	1.03	1.02	1.05	1.06	1.09		# of strides	4.27	3.08	3.13
	velocity	4.81	8.77	9.52	9.71	9.80	9.71	9.80	9.52	9.43	9.17	8.64	52.0	7.03	9.74	9.58

Heat 1

beat 1

	date 07-Jun-14	wind 0.7 m/s		Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race												
Doi, Anna (JPN) (1995)		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
	time	2.05	3.19	4.24	5.27	6.29	7.31	8.35	9.41	10.48	11.58	11.58	4 / 1			
	reaction time		1.14	1.05	1.03	1.02	1.02	1.04	1.06	1.07	1.10		# of strides	4.24	3.07	3.17
	interval															
	velocity	4.88	8.77	9.52	9.71	9.80	9.80	9.62	9.43	9.35	9.09	8.64	54.4	7.08	9.77	9.46

2014 Seiko Golden Grand Prix (Tokyo, JPN)

FINAL

2014 Seiko Golden Grand Prix (Tokyo, JPN)										Matsuo (2014) - research on athlete performance and technique- 2014 data book												
FINAL		date	11-May-14	wind	-0.8 m/s												Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race					
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
Bartoletta, Tianna (USA) (1985)	time			2.01	3.14	4.17	5.16	6.15	7.12	8.11	9.12	10.14	11.18	11.18	4 / 1		Akirabun (2014)					
	reaction time				1.13	1.03	0.99	0.99	0.97	0.99	1.01	1.02	1.04		# of strides	4.17	2.95	3.02				
	velocity			4.98	8.85	9.71	10.10	10.10	10.31	10.10	9.90	9.80	9.62	8.94	50.3	7.19	10.17	9.93				
Breen, Melissa (AUS) (1990)	time			2.09	3.24	4.29	5.31	6.31	7.32	8.32	9.35	10.39	11.45	11.45	5 / 2		Akirabun (2014)					
	reaction time				1.15	1.05	1.02	1.00	1.01	1.00	1.03	1.04	1.06		# of strides	4.29	3.03	3.07				
	velocity			4.78	8.70	9.52	9.80	10.00	9.90	10.00	9.71	9.62	9.43	8.73	51.6	6.99	9.90	9.77				
Hayes, Chelsea (USA) (1988)	time			2.10	3.26	4.32	5.33	6.34	7.35	8.37	9.41	10.46	11.53	11.53	3 / 3		Akirabun (2014)					
	reaction time				1.16	1.06	1.01	1.01	1.01	1.02	1.04	1.05	1.07		# of strides	4.32	3.03	3.11				
	velocity			4.76	8.62	9.43	9.90	9.90	9.90	9.80	9.62	9.52	9.35	8.67	47.4	6.94	9.90	9.65				
Whittaker, Ashleigh (AUS) (1993)	time			2.10	3.25	4.33	5.36	6.37	7.40	8.44	9.48	10.54	11.62	11.62	2 / 4		Akirabun (2014)					
	reaction time				1.15	1.08	1.03	1.01	1.03	1.04	1.04	1.06	1.08		# of strides	4.33	3.07	3.14				
	velocity			4.76	8.70	9.26	9.71	9.90	9.71	9.62	9.62	9.43	9.26	8.61	49.0	6.93	9.77	9.55				
Doi, Anna (JPN) (1995)	time			2.05	3.21	4.27	5.31	6.34	7.38	8.42	9.49	10.57	11.68	11.68	6 / 5		Matsuo (2014)					
	reaction time				1.16	1.06	1.04	1.03	1.04	1.04	1.07	1.08	1.11		# of strides	4.27	3.11	3.19				
	velocity			4.88	8.62	9.43	9.62	9.71	9.62	9.62	9.35	9.26	9.01	8.56	53.0	7.03	9.65	9.40				
Watanabe, Mayumi (JPN) (1983)	time			2.06	3.21	4.27	5.30	6.32	7.37	8.42	9.50	10.60	11.73	11.73	8 / 7		Matsuo (2014)					
	reaction time				1.15	1.06	1.03	1.02	1.05	1.05	1.08	1.10	1.13		# of strides	4.27	3.10	3.23				
	velocity			4.85	8.70	9.43	9.71	9.80	9.52	9.52	9.26	9.09	8.85	8.53	51.5	7.03	9.68	9.29				
Kitakaze, Saori (JPN) (1985)	time			2.03	3.20	4.28	5.33	6.38	7.45	8.53	9.63	10.76	11.94	11.94	1 / 8		Matsuo (2014)					
	reaction time				1.17	1.08	1.05	1.05	1.07	1.08	1.10	1.13	1.18		# of strides	4.28	3.17	3.31				
	velocity			4.93	8.55	9.26	9.52	9.52	9.35	9.26	9.09	8.85	8.47	8.38	57.7	7.01	9.46	9.06				

2014 Mikio Oda Memorial (Hiroshima, JPN)

A FINAL

FINAL	date	29-Apr-14	wind	Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race													
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Breen, Melissa (AUS) (1990)	time		2.07	3.20	4.23	5.23	6.21	7.19	8.19	9.19	10.22	11.28	11.28	4 / 1			
	reaction time	interval		1.13	1.03	1.00	0.98	0.98	1.00	1.00	1.03	1.06		# of strides	4.23	2.96	3.03
	velocity		4.83	8.85	9.71	10.00	10.20	10.20	10.00	10.00	9.71	9.43	8.87	50.7	7.09	10.14	9.90
Doi, Anna (JPN) (1995)	time		2.04	3.19	4.24	5.26	6.27	7.29	8.33	9.39	10.46	11.57	11.57	6 / 3			
	reaction time	interval		1.15	1.05	1.02	1.01	1.02	1.04	1.06	1.07	1.11		# of strides	4.24	3.05	3.17
	velocity		4.90	8.70	9.52	9.80	9.90	9.80	9.62	9.43	9.35	9.01	8.64	54.4	7.08	9.84	9.46

Heat 3

eat 3	date 29-Apr-14		wind 3.4 m/s		Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
	Watanabe, Mayumi (JPN) (1983)	time	2.11	3.25	4.30	5.31	6.31	7.33	8.36	9.41	10.50	11.62	11.62	4 / 2			
		reaction time		1.14	1.05	1.01	1.00	1.02	1.03	1.05	1.09	1.12		# of strides	4.30	3.03	3.17
		interval velocity	4.74	8.77	9.52	9.90	10.00	9.80	9.71	9.52	9.17	8.93	8.61	51.9	6.98	9.90	9.46

Heat 2

date 29-Apr-14		wind 2.4 m/s		Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race											
----------------	--	--------------	--	--	--	--	--	--	--	--	--	--	--	--	--

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Doi, Anna (JPN) (1995)	time	2.07	3.22	4.26	5.27	6.27	7.27	8.30	9.35	10.41	11.50	11.50	6 / 1			
	reaction time		interval	1.15	1.04	1.01	1.00	1.00	1.03	1.05	1.06	1.09	# of strides	4.26	3.01	3.14
	velocity	4.83	8.70	9.62	9.90	10.00	10.00	9.71	9.52	9.43	9.17	8.70	54.4	7.04	9.97	9.55

Heat 1

	date	29-Apr-14	wind	3.5 m/s	Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race											
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fujimori, Anna (JPN) (1994)	time	2.07	3.22	4.29	5.33	6.35	7.37	8.41	9.45	10.51	11.61	11.61	4 / 2			
	reaction time		interval	1.15	1.07	1.04	1.02	1.02	1.04	1.04	1.06	1.10	# of strides	4.29	3.08	3.14
	velocity	4.83	8.70	9.35	9.62	9.80	9.80	9.62	9.62	9.43	9.09	8.61	51.2	6.99	9.74	9.55

2013 IAAF World Championships (Moscow, RUS)

FINAL

	date	12-Aug-13	wind	-0.3 m/s												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fraser-Pryce, Shelly-Ann (JAM) (	0.174	no information available										10.71	4 / 1	# of strides	50.5	
Ahouré, Murielle (CIV) (1987)	0.165	no information available										10.93	6 / 2	# of strides	51.0	
Jeter, Carmelita (USA) (1979)	0.156	no information available										10.94	5 / 3	# of strides	50.7	
Gardner, English (USA) (1992)	0.151	no information available										10.97	2 / 4	# of strides	47.2	
Stewart, Kerron (JAM) (1984)	0.229	no information available										10.97	8 / 5	# of strides	47.2	
Okagbare, Blessing (NGR) (1988)	0.154	no information available										11.04	7 / 6	# of strides	46.7	
Anderson, Alexandria (USA) (198	0.159	no information available										11.10	3 / 7	# of strides	47.5	
Freeman, Octavious (USA) (1992)	0.179	no information available										11.16	9 / 8	# of strides	49.5	

2013 Japanese National High School Championships (Oita, JPN)

FINAL

	date	31-Jul-13	wind	-0.5 m/s	Matsuo (2013) - 66th high school championships: JAF scientific committee - biomechanics data collection											
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Doi, Anna (JPN) (1995)	time	2.10	3.26	4.32	5.35	6.38	7.41	8.46	9.51	10.60	11.70	11.70	/ 1			
	reaction time		interval	1.16	1.06	1.03	1.03	1.05	1.05	1.09	1.10		# of strides	4.32	3.09	3.19
	velocity	4.76	8.62	9.43	9.71	9.71	9.71	9.52	9.52	9.17	9.09	8.55		6.94	9.71	9.40
Nogabayashi, Yumi (JPN) (1995)	time	2.14	3.33	4.42	5.48	6.53	7.57	8.64	9.71	10.82	11.93	11.93	/ 2			
	reaction time		interval	1.19	1.09	1.06	1.05	1.04	1.07	1.11	1.11		# of strides	4.42	3.15	3.25
	velocity	4.67	8.40	9.17	9.43	9.52	9.62	9.35	9.35	9.01	9.01	8.38		6.79	9.52	9.23
Jingbo, Yuki (JPN) (1995)	time	2.13	3.37	4.48	5.54	6.59	7.64	8.70	9.78	10.88	12.01	12.01	/ 4			
	reaction time		interval	1.24	1.11	1.06	1.05	1.05	1.06	1.10	1.13		# of strides	4.48	3.16	3.24
	velocity	4.69	8.06	9.01	9.43	9.52	9.52	9.43	9.26	9.09	8.85	8.33		6.70	9.49	9.26
Aoyama, Seika (JPN) (1996)	time	2.13	3.31	4.41	5.48	6.55	7.62	8.69	9.77	10.88	12.02	12.02	/ 5			
	reaction time		interval	1.18	1.10	1.07	1.07	1.07	1.08	1.11	1.14		# of strides	4.41	3.21	3.26
	velocity	4.69	8.47	9.09	9.35	9.35	9.35	9.35	9.26	9.01	8.77	8.32		6.80	9.35	9.20
Shigenaga, Noriko (JPN) (1995)	time	2.11	3.31	4.40	5.46	6.52	7.59	8.67	9.77	10.90	12.04	12.04	/ 6			
	reaction time		interval	1.20	1.09	1.06	1.06	1.07	1.10	1.13	1.14		# of strides	4.40	3.19	3.31
	velocity	4.74	8.33	9.17	9.43	9.43	9.35	9.26	9.09	8.85	8.77	8.31		6.82	9.40	9.06
Oga, Haruka (JPN) (1995)	time	2.11	3.29	4.38	5.44	6.50	7.57	8.65	9.76	10.89	12.05	12.05	/ 7			
	reaction time		interval	1.18	1.09	1.06	1.06	1.07	1.08	1.11	1.16		# of strides	4.38	3.19	3.32
	velocity	4.74	8.47	9.17	9.43	9.43	9.35	9.26	9.01	8.85	8.62	8.30		6.85	9.40	9.04

2013 Windsprint (Sundsvall, SWE)

A FINAL

	date	28-Jul-13	wind	2.2 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
Russell, Carrie (JAM) (1990)	time			4.15			7.04		9.00		11.03	11.03	4 / 1			
	reaction time						2.89		1.96		2.03		# of strides	4.15	2.89	
	velocity			7.23			10.38		10.20		9.85	9.07		7.23	10.38	
Morrison, Natasha (JAM) (1992)	time			4.21			7.14		9.09		11.12	11.12	5 / 2			
	reaction time						2.93		1.95		2.03		# of strides	4.21	2.93	
	velocity			7.13			10.24		10.26		9.85	8.99		7.13	10.24	
Lee, Muna (USA) (1981)	time			4.26			7.21		9.18		11.19	11.19	2 / 3			
	reaction time						2.95		1.97		2.01		# of strides	4.26	2.95	
	velocity			7.04			10.17		10.15		9.95	8.94		7.04	10.17	
Okbaraebo, Ezinne (NOR) (1988)	time			4.20			7.15		9.13		11.21	11.21	3 / 4			
	reaction time						2.95		1.98		2.08		# of strides	4.20	2.95	
	velocity			7.14			10.17		10.10		9.62	8.92		7.14	10.17	
Foster, Amy (IRL) (1988)	time			4.32			7.35		9.38		11.49	11.49	1 / 5			
	reaction time						3.03		2.03		2.11		# of strides	4.32	3.03	
	velocity			6.94			9.90		9.85		9.48	8.70		6.94	9.90	
Busk, Daniella (SWE) (1993)	time			4.44			7.50		9.55		11.68	11.68	7 / 6			

reaction time	interval		3.06	2.05	2.13		# of strides	4.44	3.06
	velocity	6.76	9.80	9.76	9.39	8.56		6.76	9.80
Katsura, Yuliya (RUS) (1983)	time	4.36	7.46	9.55	11.78	11.78	6 / 7		
reaction time	interval		3.10	2.09	2.23		# of strides	4.36	3.10
	velocity	6.88	9.68	9.57	8.97	8.49		6.88	9.68
Adriansson, Hanna (SWE) (1992)	time	4.42	7.54	9.68	11.91	11.91	8 / 8		
reaction time	interval		3.12	2.14	2.23		# of strides	4.42	3.12
	velocity	6.79	9.62	9.35	8.97	8.40		6.79	9.62

B FINALdate 28-Jul-13 wind 2.6 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
Hjelmer, Moa (SWE) (1990)	time			4.46			7.49		9.51		11.58	11.58	3 / 1			
reaction time	interval						3.03		2.02		2.07		# of strides	4.46	3.03	
	velocity			6.73			9.90		9.90		9.66	8.64		6.73	9.90	
Sandsjoe, Caroline (SWE) (1992)	time			4.39			7.49		9.57		11.73	11.73	2 / 2			
reaction time	interval						3.10		2.08		2.16		# of strides	4.39	3.10	
	velocity			6.83			9.68		9.62		9.26	8.53		6.83	9.68	
Slettum, Elisabeth (NOR) (1986)	time			4.56			7.66		9.73		11.85	11.85	4 / 3			
reaction time	interval						3.10		2.07		2.12		# of strides	4.56	3.10	
	velocity			6.58			9.68		9.66		9.43	8.44		6.58	9.68	
Johansson, Malin (SWE) (1992)	time			4.55			7.72		9.83		11.96	11.96	7 / 4			
reaction time	interval						3.17		2.11		2.13		# of strides	4.55	3.17	
	velocity			6.59			9.46		9.48		9.39	8.36		6.59	9.46	
Brubak, Mari Gilde (NOR) (1990)	time			4.51			7.64		9.75		11.97	11.97	1 / 5			
reaction time	interval						3.13		2.11		2.22		# of strides	4.51	3.13	
	velocity			6.65			9.58		9.48		9.01	8.35		6.65	9.58	
Östlund, Elin (SWE) (1991)	time			4.54			7.70		9.82		12.06	12.06	6 / 6			
reaction time	interval						3.16		2.12		2.24		# of strides	4.54	3.16	
	velocity			6.61			9.49		9.43		8.93	8.29		6.61	9.49	

C FINALdate 28-Jul-13 wind -0.1 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
Törnros, Sandra (SWE) (1995)	time			4.49			7.70		9.86		12.09	12.09	4 / 1			
reaction time	interval						3.21		2.16		2.23		# of strides	4.49	3.21	
	velocity			6.68			9.35		9.26		8.97	8.27		6.68	9.35	
Nikamo, Karolina (SWE) (1995)	time			4.43			7.61		9.83		12.13	12.13	3 / 2			
reaction time	interval						3.18		2.22		2.30		# of strides	4.43	3.18	
	velocity			6.77			9.43		9.01		8.70	8.24		6.77	9.43	
Næss, Heidi Hessian (NOR) (1989)	time			4.60			7.79		9.92		12.14	12.14	5 / 3			
reaction time	interval						3.19		2.13		2.22		# of strides	4.60	3.19	
	velocity			6.52			9.40		9.39		9.01	8.24		6.52	9.40	
Dolvik, Anne (NOR) (1988)	time			4.60			7.84		10.00		12.23	12.23	2 / 4			
reaction time	interval						3.24		2.16		2.23		# of strides	4.60	3.24	
	velocity			6.52			9.26		9.26		8.97	8.18		6.52	9.26	
Palm, Josefin (SWE) (1994)	time			4.50			7.72		9.93		12.24	12.24	6 / 5			
reaction time	interval						3.22		2.21		2.31		# of strides	4.50	3.22	
	velocity			6.67			9.32		9.05		8.66	8.17		6.67	9.32	
Panboon, Fanny (SWE) (1995)	time			4.50			7.75		10.02		12.39	12.39	7 / 6			
reaction time	interval						3.25		2.27		2.37		# of strides	4.50	3.25	
	velocity			6.67			9.23		8.81		8.44	8.07		6.67	9.23	
Sönnerfors, Marie (SWE) (1993)	time			4.59			7.88		10.12		12.43	12.43	1 / 7			
reaction time	interval						3.29		2.24		2.31		# of strides	4.59	3.29	
	velocity			6.54			9.12		8.93		8.66	8.05		6.54	9.12	

D FINALdate 28-Jul-13 wind 2.7 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
Panboon, Fanny (SWE) (1995)	time			4.45			7.67		9.87		12.19	12.19	4 / 1			
reaction time	interval						3.22		2.20		2.32		# of strides	4.45	3.22	
	velocity			6.74			9.32		9.09		8.62	8.20		6.74	9.32	
Ågren, Tove (SWE) (1996)	time			4.52			7.77		9.97		12.22	12.22	5 / 2			
reaction time	interval						3.25		2.20		2.25		# of strides	4.52	3.25	

	velocity	6.64	9.23	9.09	8.89	8.18		6.64	9.23
Inoussa, Farydah (SWE) (1994)	time	4.60	7.84	10.04	12.36	12.36	6 / 3		
reaction time	interval		3.24	2.20	2.32		# of strides	4.60	3.24
	velocity	6.52	9.26	9.09	8.62	8.09		6.52	9.26
Trollsås Malin (SWE) (1993)	time	4.71	8.05	10.29	12.60	12.60	8 / 4		
reaction time	interval		3.34	2.24	2.31		# of strides	4.71	3.34
	velocity	6.37	8.98	8.93	8.66	7.94		6.37	8.98
Morgan, Lynette (SWE) (1991)	time	4.69	8.03	10.28	12.61	12.61	7 / 5		
reaction time	interval		3.34	2.25	2.33		# of strides	4.69	3.34
	velocity	6.40	8.98	8.89	8.58	7.93		6.40	8.98
Stenvall, Mia (SWE) (1990)	time	4.72	8.13	10.40	12.74	12.74	1 / 6		
reaction time	interval		3.41	2.27	2.34		# of strides	4.72	3.41
	velocity	6.36	8.80	8.81	8.55	7.85		6.36	8.80
Engberg, Angelica (SWE) (1989)	time	4.73	8.16	10.48	12.89	12.89	2 / 7		
reaction time	interval		3.43	2.32	2.41		# of strides	4.73	3.43
	velocity	6.34	8.75	8.62	8.30	7.76		6.34	8.75
Sunneborn, Anna (SWE) (1970)	time	4.76	8.21	10.55	12.99	12.99	3 / 8		
reaction time	interval		3.45	2.34	2.44		# of strides	4.76	3.45
	velocity	6.30	8.70	8.55	8.20	7.70		6.30	8.70

2013 Czech Republic National Championships (Tábor, CZE)

FINAL

	date	15-Jun-13	wind	-0.2 m/s	Feher (2013) - Final report from the men's & women's Czech Republic national championships												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Čechová, Katerína (CZE) (1988)	time		2.11	3.22	4.26	5.25	6.24	7.24	8.26	9.28	10.31	11.37	11.37	4 / 1			
reaction time	0.147	interval		1.11	1.04	0.99	0.99	1.00	1.02	1.02	1.03	1.06		# of strides	4.26	2.98	3.07
		velocity	4.74	9.01	9.62	10.10	10.10	10.00	9.80	9.80	9.71	9.43	8.80		7.04	10.07	9.77
Procházková, Barbora (CZE) (1999)	time		2.13	3.26	4.35	5.34	6.35	7.36	8.39	9.43	10.49	11.57	11.57	5 / 2			
reaction time	0.160	interval		1.13	1.09	0.99	1.01	1.01	1.03	1.04	1.06	1.08	PB	# of strides	4.35	3.01	3.13
		velocity	4.69	8.85	9.17	10.10	9.90	9.90	9.71	9.62	9.43	9.26	8.64		6.90	9.97	9.58
Urbánková, Petra (CZE) (1991)	time		2.14	3.25	4.35	5.35	6.37	7.40	8.46	9.54	10.62	11.71	11.71	3 / 3			
reaction time	0.141	interval		1.11	1.10	1.00	1.02	1.03	1.06	1.08	1.08	1.09		# of strides	4.35	3.05	3.22
		velocity	4.67	9.01	9.09	10.00	9.80	9.71	9.43	9.26	9.26	9.17	8.54		6.90	9.84	9.32
Mazáčová, Iveta (CZE) (1986)	time		2.14	3.27	4.36	5.38	6.42	7.46	8.52	9.59	10.70	11.82	11.82	6 / 4			
reaction time	0.162	interval		1.13	1.09	1.02	1.04	1.04	1.06	1.07	1.11	1.12		# of strides	4.36	3.10	3.24
		velocity	4.67	8.85	9.17	9.80	9.62	9.62	9.43	9.35	9.01	8.93	8.46		6.88	9.68	9.26
Seidlová, Klára (CZE) (1994)	time		2.19	3.30	4.38	5.40	6.44	7.48	8.54	9.62	10.73	11.85	11.85	7 / 5			
reaction time	0.150	interval		1.11	1.08	1.02	1.04	1.04	1.06	1.08	1.11	1.12		# of strides	4.38	3.10	3.25
		velocity	4.57	9.01	9.26	9.80	9.62	9.62	9.43	9.26	9.01	8.93	8.44		6.85	9.68	9.23
Hřivnová, Pavla (CZE) (1986)	time		2.18	3.33	4.43	5.44	6.48	7.53	8.59	9.68	10.77	11.88	11.88	2 / 6			
reaction time	0.146	interval		1.15	1.10	1.01	1.04	1.05	1.06	1.09	1.09	1.11		# of strides	4.43	3.10	3.24
		velocity	4.59	8.70	9.09	9.90	9.62	9.52	9.43	9.17	9.17	9.01	8.42		6.77	9.68	9.26
Táborská, Monika (CZE) (1988)	time		2.18	3.35	4.46	5.48	6.52	7.56	8.63	9.71	10.82	11.93	11.93	1 / 7			
reaction time	0.135	interval		1.17	1.11	1.02	1.04	1.04	1.07	1.08	1.11	1.11		# of strides	4.46	3.10	3.26
		velocity	4.59	8.55	9.01	9.80	9.62	9.62	9.35	9.26	9.01	9.01	8.38		6.73	9.68	9.20
Domská, Lucie (CZE) (1993)	time		2.22	3.39	4.49	5.56	6.62	7.69	8.78	9.87	10.97	12.09	12.09	8 / 8			
reaction time	0.171	interval		1.17	1.10	1.07	1.06	1.07	1.09	1.09	1.10	1.12		# of strides	4.49	3.20	3.28
		velocity	4.50	8.55	9.09	9.35	9.43	9.35	9.17	9.17	9.09	8.93	8.27		6.68	9.38	9.15

Heat 3

	date	15-Jun-13	wind	-1.3 m/s	Feher (2013) - Final report from the men's & women's Czech Republic national championships												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Procházková, Barbora (CZE) (1999)	time			3.27		5.37		7.42		9.51		11.70	11.70	4 / 1			
reaction time	0.136	interval				2.10		2.05		2.09		2.19		# of strides			
		velocity		6.12		9.52		9.76		9.57		9.13	8.55				
Mazáčová, Iveta (CZE) (1986)	time			3.28		5.40		7.46		9.60		11.79	11.79	6 / 2			
reaction time	0.176	interval				2.12		2.06		2.14		2.19		# of strides			
		velocity		6.10		9.43		9.71		9.35		9.13	8.48				
Hřivnová, Pavla (CZE) (1986)	time			3.36		5.51		7.59		9.73		11.95	11.95	5 / 3			
reaction time	0.172	interval				2.15		2.08		2.14		2.22		# of strides			
		velocity		5.95		9.30		9.62		9.35		9.01	8.37				

Chabrová, Marta (CZE) (1991)	time	3.37	5.54	7.66	9.85	12.10	12.10	3 / 4
reaction time	0.162	interval	2.17	2.12	2.19	2.25		# of strides
		velocity	5.93	9.22	9.43	9.13	8.89	8.26
Janoušová, Jana (CZE) (1995)	time	3.38	5.56	7.69	9.90	12.19	12.19	2 / 5
reaction time	0.153	interval	2.18	2.13	2.21	2.29		# of strides
		velocity	5.92	9.17	9.39	9.05	8.73	8.20
Soukalová, Veronika (CZE) (1989)	time	3.31	5.52	7.71	9.98	12.26	12.26	7 / 6
reaction time	0.157	interval	2.21	2.19	2.27	2.28		# of strides
		velocity	6.04	9.05	9.13	8.81	8.77	8.16
Vitásková, Monika (CZE) (1985)	time	3.65	5.96	8.23	10.56	12.93	12.93	8 / 7
reaction time	0.162	interval	2.31	2.27	2.33	2.37		# of strides
		velocity	5.48	8.66	8.81	8.58	8.44	7.73
Odložilová, Barbora (CZE) (1993)	time	3.58	5.90	8.20	10.61	13.06	13.06	1 / 8
reaction time	0.165	interval	2.32	2.30	2.41	2.45		# of strides
		velocity	5.59	8.62	8.70	8.30	8.16	7.66

Heat 2

date 15-Jun-13 wind -1.1 m/s Feher (2013) - Final report from the men's & women's Czech Republic national championships

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Urbánková, Petra (CZE) (1991)	time		3.26		5.38		7.48		9.64		11.88	11.88	4 / 1			
reaction time	0.140		interval		2.12		2.10		2.16		2.24		# of strides			
			velocity		6.13		9.43		9.52		9.26	8.93	8.42			
Seidlová, Klára (CZE) (1994)	time		3.28		5.41		7.50		9.66		11.93	11.93	5 / 2			
reaction time	0.133		interval		2.13		2.09		2.16		2.27		# of strides			
			velocity		6.10		9.39		9.57		9.26	8.81	8.38			
Táborská, Monika (CZE) (1988)	time		3.34		5.50		7.57		9.72		11.97	11.97	6 / 3			
reaction time	0.148		interval		2.16		2.07		2.15		2.25		# of strides			
			velocity		5.99		9.26		9.66		9.30	8.89	8.35			
Černochová, Martina (CZE) (1994)	time		3.30		5.43		7.50		9.71		11.98	11.98	3 / 4			
reaction time	0.159		interval		2.13		2.07		2.21		2.27		# of strides			
			velocity		6.06		9.39		9.66		9.05	8.81	8.35			
Krnoulová, Barbora (CZE) (1993)	time		3.36		5.55		7.70		9.95		12.27	12.27	2 / 5			
reaction time	0.145		interval		2.19		2.15		2.25		2.32		# of strides			
			velocity		5.95		9.13		9.30		8.89	8.62	8.15			
Hofmanová, Martina (CZE) (1995)	time		3.45		5.67		7.85		10.05		12.43	12.43	7 / 6			
reaction time	0.198		interval		2.22		2.18		2.20		2.38		# of strides			
			velocity		5.80		9.01		9.17		9.09	8.40	8.05			
Kubicová, Zuzana (CZE) (1989)	time		3.57		5.85		8.07		10.30		12.73	12.73	8 / 7			
reaction time	0.262		interval		2.28		2.22		2.23		2.43		# of strides			
			velocity		5.60		8.77		9.01		8.97	8.23	7.86			

Heat 1

date 15-Jun-13 wind -0.6 m/s Feher (2013) - Final report from the men's & women's Czech Republic national championships

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Čechová, Kateřina (CZE) (1988)	time		3.22		5.30		7.32		8.34		11.46	11.46	4 / 1			
reaction time	0.147		interval		2.08		2.02		1.02		3.12		# of strides			
			velocity		6.21		9.62		9.90		19.61	6.41	8.73			
Domská, Lucie (CZE) (1993)	time		3.41		5.61		7.75		9.92		12.12	12.12	5 / 2			
reaction time	0.153		interval		2.20		2.14		2.17		2.20		# of strides			
			velocity		5.87		9.09		9.35		9.22	9.09	8.25			
Štychlová, Martina (CZE) (1992)	time		3.39		5.59		7.74		9.92		12.15	12.15	3 / 3			
reaction time	0.272		interval		2.20		2.15		2.18		2.23		# of strides			
			velocity		5.90		9.09		9.30		9.17	8.97	8.23			
Humpolíková, Pavla (CZE) (1985)	time		3.40		5.59		7.74		9.94		12.18	12.18	6 / 4			
reaction time	0.176		interval		2.19		2.15		2.20		2.24		# of strides			
			velocity		5.88		9.13		9.30		9.09	8.93	8.21			
Chválková, Adéla (CZE) (1989)	time		3.33		5.53		7.66		9.93		12.22	12.22	2 / 5			
reaction time	0.132		interval		2.20		2.13		2.27		2.29		# of strides			
			velocity		6.01		9.09		9.39		8.81	8.73	8.18			
Mrnová, Markéta (CZE) (1991)	time		3.49		5.76		7.98		10.27		12.57	12.57	7 / 6			
reaction time	0.160		interval		2.27		2.22		2.29		2.30		# of strides			
			velocity		5.73		8.81		9.01		8.73	8.70	7.96			

Vomáčková, Monika (CZE) (1994)	time	3.54	5.84	8.11	10.46	12.82	12.82	8 / 7
	reaction time	0.192		2.30	2.27	2.35	2.36	# of strides
	velocity	5.65	8.70	8.81	8.51	8.47	7.80	

2013 Japanese National Championships (Chofu, JPN)

FINAL

date 08-Jun-13 wind 0.0 m/s Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fujimori, Anna (JPN) (1994)	time	2.05	3.22	4.29	5.34	6.38	7.42	8.47	9.55	10.65	11.78	11.78	8 / 5			
	reaction time			1.17	1.07	1.05	1.04	1.05	1.08	1.10	1.13		# of strides	4.29	3.13	3.23
	velocity	4.88	8.55	9.35	9.52	9.62	9.62	9.52	9.26	9.09	8.85	8.49	50.5	6.99	9.58	9.29

Heat 3

date 07-Jun-13 wind 1.9 m/s Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kimura, Akane (JPN) (1993)	time	2.08	3.26	4.34	5.39	6.43	7.46	8.51	9.57	10.66	11.77	11.77	9 / 3			
	reaction time			1.18	1.08	1.05	1.04	1.03	1.05	1.06	1.09	1.11	# of strides	4.34	3.12	3.20
	velocity	4.81	8.47	9.26	9.52	9.62	9.71	9.52	9.43	9.17	9.01	8.50	51.5	6.91	9.62	9.38

2013 European Indoor Championships (Göteborg, SWE)

FINAL

date 03-Mar-13 Blomkvist (2013) - www.elitlandslag.se/SprintHäck/KortSprint.aspx

		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m
Naimova, Tezdzhan (BUL) (1987)	time		3.14		5.15		7.10	7.10	3 / 4		
	reaction time	0.162			2.01		1.95	PB DV	# of strides		
	velocity		6.37		9.95		10.26	8.45	30.5		
Ryemyen, Mariya (UKR) (1987)	time		3.11		5.11		7.10	7.11	5 / 2		
	reaction time	0.144			2.00		1.99	=PB	# of strides		
	velocity		6.43		10.00		10.05	8.44	31.7		
Soumaré, Myriam (FRA) (1986)	time		3.11		5.14		7.11	7.11	4 / 3		
	reaction time	0.159			2.03		1.97		# of strides		
	velocity		6.43		9.85		10.15	8.44	34.0		
Lalova, Ivet (BUL) (1984)	time		3.13		5.16		7.12	7.12	6 / 4		
	reaction time	0.152			2.03		1.96	PB	# of strides		
	velocity		6.39		9.85		10.20	8.43	32.0		
Schippers, Dafne (NED) (1992)	time		3.17		5.18		7.14	7.14	2 / 5		
	reaction time	0.150			2.01		1.96	PB	# of strides		
	velocity		6.31		9.95		10.20	8.40	27.0		
Philip, Asha (GBR) (1990)	time		3.11		5.16		7.15	7.15	7 / 6		
	reaction time	0.134			2.05		1.99	=PB	# of strides		
	velocity		6.43		9.76		10.05	8.39	31.2		
Okparaebo, Ezinne (NOR) (1988)	time		3.14		5.17		7.16	7.16	1 / 7		
	reaction time	0.142			2.03		1.99		# of strides		
	velocity		6.37		9.85		10.05	8.38	34.5		
Sailer, Verena (GER) (1985)	time		3.13		5.17		7.16	7.16	8 / 8		
	reaction time	0.141			2.04		1.99		# of strides		
	velocity		6.39		9.80		10.05	8.38	31.5		

2012 Kokutai National Sport Festival (Gifu, JPN)

Semi-Final 1

date 06-Oct-12 wind 0.6 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
Shimizu, Megumi (JPN) (1987)	time	2.02	3.17	4.25	5.31	6.36	7.41	8.48	9.57	10.68	11.83	11.83	4 / 2			
	reaction time			1.15	1.08	1.06	1.05	1.05	1.07	1.09	1.11	1.15	# of strides	4.25	3.16	3.27
	velocity	4.95	8.70	9.26	9.43	9.52	9.52	9.35	9.17	9.01	8.70	8.45	49.2	7.06	9.49	9.17

2012 Olympic Games (London, GBR)

FINAL

date 04-Aug-12 wind 1.5 m/s

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fraser-Pryce, Shelly-Ann (JAM) (	0.153	no information available										10.75	7 / 1		# of strides	50.5
Jeter, Carmelita (USA) (1979)	0.153	no information available										10.78	5 / 2		# of strides	50.0
Campbell-Brown, Veronica (JAM	0.143	no information available										10.81	4 / 3		# of strides	49.2
Madison, Tianna (USA) (1985)	0.171	no information available										10.85	9 / 4		# of strides	49.2
Felix, Allyson (USA) (1985)	0.176	no information available										PB	10.89	8 / 5	# of strides	45.5
Baptiste, Kelly-Ann (TTO) (1986)	0.128	no information available										10.94	2 / 6		# of strides	51.0
Ahouré, Murielle (CIV) (1987)	0.156	no information available										11.00	3 / 7		# of strides	51.0
Okagbare, Blessing (NGR) (1988)	0.165	no information available										11.01	6 / 8		# of strides	46.0

2012 Japanese National High School Championships (Niigata, JPN)

FINAL

FINAL	date	30-Jul-12	wind -0.3 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	
Nobayashi, Yumi (JPN) (1995)	time					6.49	7.52	8.57	9.64	10.72	11.85	11.85	4 / 1						
	reaction time						1.03	1.05	1.07	1.08	1.13		# of strides				3.20		
	velocity					7.70	9.71	9.52	9.35	9.26	8.85	8.44					9.38		
Oga, Haruka (JPN) (1995)	time					6.54	7.59	8.66	9.75	10.86	12.01	12.01	5 / 2						
	reaction time						1.05	1.07	1.09	1.11	1.15		# of strides				3.27		
	velocity					7.65	9.52	9.35	9.17	9.01	8.70	8.33					9.17		
Matsuda, Yumi (JPN) (1994)	time					6.54	7.57	8.65	9.76	10.86	12.03	12.03	9 / 3						
	reaction time						1.03	1.08	1.11	1.10	1.17		# of strides				3.29		
	velocity					7.65	9.71	9.26	9.01	9.09	8.55	8.31					9.12		
Fukushima, Mio (JPN) (1995)	time					6.56	7.61	8.69	9.79	10.90	12.06	12.06	7 / 4						
	reaction time						1.05	1.08	1.10	1.11	1.16		# of strides				3.29		
	velocity					7.62	9.52	9.26	9.09	9.01	8.62	8.29					9.12		
Takamori, Maho (JPN) (1996)	time					6.59	7.61	8.70	9.80	10.92	12.07	12.07	6 / 5						
	reaction time						1.02	1.09	1.10	1.12	1.15		# of strides				3.31		
	velocity					7.59	9.80	9.17	9.09	8.93	8.70	8.29					9.06		
Fujimori, Anna (JPN) (1994)	time					6.53	7.57	8.65	9.78	10.90	12.09	12.09	8 / 6						
	reaction time						1.04	1.08	1.13	1.12	1.19		# of strides				3.33		
	velocity					7.66	9.62	9.26	8.85	8.93	8.40	8.27					9.01		
Osuki, Mai (JPN) (1995)	time					6.59	7.64	8.72	9.82	10.95	12.10	12.10	3 / 7						
	reaction time						1.05	1.08	1.10	1.13	1.15		# of strides				3.31		
	velocity					7.59	9.52	9.26	9.09	8.85	8.70	8.26					9.06		
Shimada, Sae (JPN) (1994)	time					6.54	7.62	8.71	9.83	10.99	12.18	12.18	2 / 8						
	reaction time						1.08	1.09	1.12	1.16	1.19		# of strides				3.37		
	velocity					7.65	9.26	9.17	8.93	8.62	8.40	8.21					8.90		

2012 Windsprint (Sundsvall, SWE)

FINAL

FINAL

	date	17-Jun-12	wind	1.0 m/s	(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx																
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
Jones, Hayley (GBR) (1988)	time				4.27			7.29		9.32		11.42	11.42	5 / 1							
	reaction time							3.02		2.03		2.10		# of strides	4.27	3.02					
	interval velocity				7.03			9.93		9.85		9.52	8.76		7.03	9.93					
Skugge, Julia (SWE) (1988)	time				4.32			7.40		9.49		11.65	11.65	4 / 2							
	reaction time							3.08		2.09		2.16		# of strides	4.32	3.08					
	interval velocity				6.94			9.74		9.57		9.26	8.58		6.94	9.74					
Sandsjoe, Caroline (SWE) (1992)	time				4.32			7.45		9.56		11.72	11.72	3 / 3							
	reaction time							3.13		2.11		2.16	PB	# of strides	4.32	3.13					
	interval velocity				6.94			9.58		9.48		9.26	8.53		6.94	9.58					
Jernstig, Freja (SWE) (1992)	time				4.38			7.48		9.56		11.74	11.74	6 / 4							
	reaction time							3.10		2.08		2.18		# of strides	4.38	3.10					
	interval velocity				6.85			9.68		9.62		9.17	8.52		6.85	9.68					
Berntsson, Lena (SWE) (1978)	time				4.36			7.47		9.60		11.79	11.79	7 / 5							
	reaction time							3.11		2.13		2.19		# of strides	4.36	3.11					
	interval velocity				6.88			9.65		9.39		9.13	8.48		6.88	9.65					
Turner, Laura (GBR) (1982)	time				4.34			7.52		9.68		11.95	11.95	1 / 6							
	reaction time							3.18		2.16		2.27		# of strides	4.34	3.18					
	interval velocity				6.91			9.43		9.26		8.81	8.37		6.91	9.43					
Nilsson, Pernilla (SWE) (1992)	time				4.45			7.61		9.74		11.98	11.98	2 / 7							
	reaction time							3.16		2.13		2.24		# of strides	4.45	3.16					
	interval velocity				6.74			9.49		9.39		8.93	8.35		6.74	9.49					
Östlund, Elin (SWE) (1991)	time				4.52			7.65		9.75		11.99	11.99	7 / 8							
	reaction time							3.13		2.10		2.24		# of strides	4.52	3.13					
	interval velocity				6.64			9.58		9.52		8.93	8.34		6.64	9.58					

B FINAL

B FINAL		date	17-Jun-12	wind 0.7 m/s										(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx					
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Hjelmer, Moa (SWE) (1990)	time					4.45			7.52		9.56		11.69	11.69	5 / 1				
	reaction time								3.07		2.04		2.13		# of strides	4.45	3.07		
	interval velocity					6.74			9.77		9.80		9.39	8.55		6.74	9.77		

Horn, Carina (RSA) (1989)	time	4.51	7.67	9.78	11.99	11.99	4 / 2		
	reaction time		3.16	2.11	2.21		# of strides	4.51	3.16
	velocity	6.65	9.49	9.48	9.05	8.34		6.65	9.49
Cederkvist, Astrid (NOR) (1994)	time	4.42	7.59	9.77	12.04	12.04	6 / 3		
	reaction time		3.17	2.18	2.27		# of strides	4.42	3.17
	velocity	6.79	9.46	9.17	8.81	8.31		6.79	9.46
Hellqvist, Matilda (SWE)	time	4.52	7.70	9.86	12.11	12.11	3 / 4		
	reaction time		3.18	2.16	2.25		# of strides	4.52	3.18
	velocity	6.64	9.43	9.26	8.89	8.26		6.64	9.43
Melin, Jenny (SWE) (1993)	time	4.50	7.70	9.88	12.16	12.16	7 / 5		
	reaction time		3.20	2.18	2.28		# of strides	4.50	3.20
	velocity	6.67	9.38	9.17	8.77	8.22		6.67	9.38
Eurenius, Isabelle (SWE) (1989)	time	4.51	7.75	9.93	12.17	12.17	2 / 6		
	reaction time		3.24	2.18	2.24		# of strides	4.51	3.24
	velocity	6.65	9.26	9.17	8.93	8.22		6.65	9.26

C FINAL

C FINAL		date	17-Jun-12	wind		0.6 m/s		(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Backman, Elin (SWE) (1988)	time					4.55			7.85		10.05		12.30	12.30	/ 1					
	reaction time								3.30		2.20		2.25		# of strides	4.55	3.30			
	velocity					6.59			9.09		9.09		8.89	8.13		6.59	9.09			
Jansson, Ida (SWE) (1995)	time					4.61			7.86		10.05		12.33	12.33	/ 2					
	reaction time								3.25		2.19		2.28		# of strides	4.61	3.25			
	velocity					6.51			9.23		9.13		8.77	8.11		6.51	9.23			
Nilsson, Evelina (SWE) (1994)	time					4.53			7.82		10.04		12.35	12.35	/ 3					
	reaction time								3.29		2.22		2.31		# of strides	4.53	3.29			
	velocity					6.62			9.12		9.01		8.66	8.10		6.62	9.12			
Nikamo, Karolina (SWE) (1995)	time					4.53			7.84		10.07		12.41	12.41	/ 4					
	reaction time								3.31		2.23		2.34		# of strides	4.53	3.31			
	velocity					6.62			9.06		8.97		8.55	8.06		6.62	9.06			
Isaksen, Iren Vevatne (NOR) (1988)	time					4.65			7.99		10.23		12.54	12.54	/ 5					
	reaction time								3.34		2.24		2.31		# of strides	4.65	3.34			
	velocity					6.45			8.98		8.93		8.66	7.97		6.45	8.98			
Slettum, Elisabeth (NOR) (1986)	time					4.77			8.11		10.33		12.63	12.63	/ 6					
	reaction time								3.34		2.22		2.30		# of strides	4.77	3.34			
	velocity					6.29			8.98		9.01		8.70	7.92		6.29	8.98			

D FINAL

D FINAL		date	17-Jun-12	wind	1.5 m/s													(2012) - www.elitlandslag.se/SprintHack/KortSprint.aspx				
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
Alfredsson, Marine (SWE) (1993)	time					4.57			7.82		10.04		12.35	12.35	/ 1							
	reaction time								3.25		2.22		2.31		# of strides	4.57	3.25					
	velocity					6.56			9.23		9.01		8.66	8.10		6.56	9.23					
Jensen, Christine Bjelland (NOR)	time					4.70			8.01		10.21		12.48	12.48	/ 2							
	reaction time								3.31		2.20		2.27		# of strides	4.70	3.31					
	velocity					6.38			9.06		9.09		8.81	8.01		6.38	9.06					
Panboon, Fanny (SWE) (1995)	time					4.55			7.86		10.14		12.56	12.56	/ 3							
	reaction time								3.31		2.28		2.42		# of strides	4.55	3.31					
	velocity					6.59			9.06		8.77		8.26	7.96		6.59	9.06					
Sunneborn, Anna (SWE) (1970)	time					4.72			8.16		10.50		12.97	12.97	/ 4							
	reaction time								3.44		2.34		2.47		# of strides	4.72	3.44					
	velocity					6.36			8.72		8.55		8.10	7.71		6.36	8.72					

2012 Japanese National Championships (Osaka, JPN)**Heat 3**

Heat 3		date	08-Jun-12	wind	2.2 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
Doi, Anna (JPN) (1995)	time			2.05	3.18	4.22	5.23	6.23	7.24	8.26	9.31	10.37	11.47	11.47	4 / 1			
	reaction time				1.13	1.04	1.01	1.00	1.01	1.02	1.05	1.06	1.10		# of strides	4.22	3.02	3.13
	velocity			4.88	8.85	9.62	9.90	10.00	9.90	9.80	9.52	9.43	9.09	8.72	54.2	7.11	9.93	9.58
Wada, Maki (JPN) (1986)	time			2.02	3.20	4.28	5.33	6.36	7.40	8.45	9.51	10.60	11.72	11.72	7 / 3			
	reaction time				1.18	1.08	1.05	1.03	1.04	1.05	1.06	1.09	1.12		# of strides	4.28	3.12	3.20
	velocity			4.95	8.47	9.26	9.52	9.71	9.62	9.52	9.43	9.17	8.93	8.53	53.7	7.01	9.62	9.38

2012 Seiko Golden Grand Prix (Kawasaki, JPN)**FINAL**

date 06-May-12		wind 0.1 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		
Felix, Allyson (USA) (1985)	time	2.06	3.24	4.25	5.23	6.20	7.18	8.17	9.17	10.18	11.22	11.22	4 / 1					
	reaction time		interval	1.18	1.01	0.98	0.97	0.98	0.99	1.00	1.01	1.04	# of strides	4.25	2.93	3.00		
	velocity	4.85	8.47	9.90	10.20	10.31	10.20	10.10	10.00	9.90	9.62	8.91	46.5	7.06	10.24	10.00		

2012 Mikio Oda Memorial (Hiroshima, JPN)**A FINAL**

date 29-Apr-12		wind 0.3 m/s		Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013														
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Fukushima, Chisato (JPN) (1988)	time	2.03	3.15	4.20	5.23	6.24	7.24	8.25	9.27	10.29	11.34	11.34	3 / 1					
	reaction time		interval	1.12	1.05	1.03	1.01	1.00	1.01	1.02	1.02	1.05	# of strides	4.20	3.04	3.05		
	velocity	4.93	8.93	9.52	9.71	9.90	10.00	9.90	9.80	9.52	9.52	8.82	54.0	7.14	9.87	9.84		

B FINAL

date 29-Apr-12		wind 0.0 m/s		Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013														
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Ota, Tomoko (JPN) (1977)	time	2.03	3.20	4.27	5.32	6.36	7.40	8.45	9.52	10.60	11.70	11.70	5 / 1					
	reaction time		interval	1.17	1.07	1.05	1.04	1.05	1.07	1.08	1.10		# of strides	4.27	3.13	3.20		
	velocity	4.93	8.55	9.35	9.52	9.62	9.62	9.52	9.35	9.26	9.09	8.55	55.0	7.03	9.58	9.38		

Heat 3

date	29-Apr-12	wind	1.6 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
983)	time	2.06	3.22	4.28	5.31	6.32	7.33	8.34	9.37	10.40	11.45	11.45	5 / 1			
	interval		1.16	1.06	1.03	1.01	1.01	1.01	1.03	1.03	1.05		# of strides	4.28	3.05	3.07
	velocity	4.85	8.62	9.43	9.71	9.90	9.90	9.90	9.71	9.71	9.52	8.73	49.7	7.01	9.84	9.77
	time	2.08	3.23	4.28	5.29	6.30	7.31	8.33	9.36	10.43	11.51	11.51	3 / 2			
	interval		1.15	1.05	1.01	1.01	1.01	1.02	1.03	1.07	1.08		# of strides	4.28	3.03	3.12
	velocity	4.81	8.70	9.52	9.90	9.90	9.90	9.80	9.71	9.35	9.26	8.69	52.5	7.01	9.90	9.62
	time	2.02	3.17	4.22	5.24	6.25	7.28	8.33	9.40	10.48	11.61	11.61	4 / 3			
	interval		1.15	1.05	1.02	1.01	1.03	1.05	1.07	1.08	1.13		# of strides	4.22	3.06	3.20
	velocity	4.95	8.70	9.52	9.80	9.90	9.71	9.52	9.35	9.26	8.85	8.61	58.5	7.11	9.80	9.38
	time	2.06	3.22	4.28	5.31	6.33	7.35	8.39	9.44	10.52	11.62	11.62	6 / 4			
interval		1.16	1.06	1.03	1.02	1.02	1.04	1.05	1.08	1.10		# of strides	4.28	3.07	3.17	
velocity	4.85	8.62	9.43	9.71	9.80	9.80	9.62	9.52	9.26	9.09	8.61	52.2	7.01	9.77	9.46	
2)	time	2.14	3.33	4.41	5.45	6.49	7.52	8.56	9.62	10.69	11.79	11.79	8 / 5			
	interval		1.19	1.08	1.04	1.04	1.03	1.04	1.06	1.07	1.10	PB	# of strides	4.41	3.11	3.17
	velocity	4.67	8.40	9.26	9.62	9.62	9.71	9.62	9.43	9.35	9.09	8.48	48.2	6.80	9.65	9.46

Heat 2

date 29-Apr-12		wind 1.3 m/s		Akirabun (2013) - speed change and the highest speed section appearance in the 100m race of 2012 and 2013														
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Takahashi, Momoko (JPN) (1988)	time	2.11	3.29	4.35	5.37	6.38	7.38	8.39	9.41	10.45	11.51	11.51	3 / 2					
	reaction time		interval	1.18	1.06	1.02	1.01	1.00	1.01	1.02	1.04	1.06	# of strides	4.35	3.03	3.07		
	velocity	4.74	8.47	9.43	9.80	9.90	10.00	9.90	9.80	9.62	9.43	8.69	49.5	6.90	9.90	9.77		
Imai, Saori (JPN) (1990)	time	2.09	3.26	4.33	5.36	6.39	7.42	8.46	9.51	10.58	11.69	11.69	7 / 3					
	reaction time		interval	1.17	1.07	1.03	1.03	1.04	1.05	1.07	1.11		# of strides	4.33	3.09	3.16		
	velocity	4.78	8.55	9.35	9.71	9.71	9.71	9.62	9.52	9.35	9.01	8.55	51.0	6.93	9.71	9.49		

Heat 1

date 29-Apr-12		wind 0.6 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		
Okabe, Nao (JPN) (1988)	time	2.00	3.17	4.23	5.26	6.28	7.31	8.34	9.42	10.54	11.69	11.69	3 / 3					
	reaction time		interval	1.17	1.06	1.03	1.02	1.03	1.08	1.12	1.15		# of strides	4.23	3.08	3.23		
	velocity	5.00	8.55	9.43	9.71	9.80	9.71	9.71	9.26	8.93	8.70	8.55	51.0	7.09	9.74	9.29		

2012 Czech Republic National Indoor Championships (Praha, CZE)**FINAL**

date 25-Feb-12								Feher (2012) - Czech Republic indoor national championships - women's 60m									
		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m					
Čechová, Katerina (CZE) (1988)	time	2.08	3.24	4.28	5.31	6.29	7.30	7.30	4 / 1								
	reaction time 0.176		interval	1.16	1.04	1.03	1.01	PB	# of strides	4.28	3.02						
	velocity	4.81	8.62	9.62	9.71	10.20	9.90	8.22		7.01	9.93						
Mazáčová, Iveta (CZE) (1986)	time	2.05	3.20	4.27	5.31	6.33	7.39	7.39	5 / 2								
	reaction time 0.126		interval	1.15	1.07	1.04	1.06		# of strides	4.27	3.12						
	velocity	4.88	8.70	9.35	9.62	9.80	9.43	8.12		7.03	9.62						
Rosolová, Denisa (CZE) (1986)	time	2.11	3.32	4.37	5.43	6.43	7.46	7.46	3 / 3								
	reaction time 0.144		interval	1.21	1.05	1.06	1.03		# of strides	4.37	3.09						
	velocity	4.74	8.26	9.52	9.43	10.00	9.71	8.04		6.86	9.71						
Hřivnová, Pavla (CZE) (1986)	time	2.12	3.37	4.44	5.50	6.55	7.63	7.63	7 / 4								

reaction time	0.137	interval		1.25	1.07	1.06	1.05	1.08			# of strides	4.44	3.19
velocity			4.72	8.00	9.35	9.43	9.52	9.26	7.86			6.76	9.40
Procházková, Barbora (CZE) (199)	time	2.16	3.38	4.46	5.53	6.58	7.64		7.64		6 / 5		
reaction time	0.184	interval		1.22	1.08	1.07	1.05	1.06			# of strides	4.46	3.18
velocity			4.63	8.20	9.26	9.35	9.52	9.43	7.85			6.73	9.43
Táborská, Monika (CZE) (1988)	time	2.18	3.40	4.49	5.55	6.59	7.67		7.67		8 / 6		
reaction time	0.168	interval		1.22	1.09	1.06	1.04	1.08			# of strides	4.49	3.18
velocity			4.59	8.20	9.17	9.43	9.62	9.26	7.82			6.68	9.43
Černochová, Martina (CZE) (1994)	time	2.17	3.38	4.47	5.54	6.59	7.67		7.67		1 / 7		
reaction time	0.289	interval		1.21	1.09	1.07	1.05	1.08			# of strides	4.47	3.20
velocity			4.61	8.26	9.17	9.35	9.52	9.26	7.82			6.71	9.38
Chválková, Adéla (CZE) (1989)	time	2.17	3.38	4.47	5.54	6.59	7.68		7.68		2 / 8		
reaction time	0.170	interval		1.21	1.09	1.07	1.05	1.09			# of strides	4.47	3.21
velocity			4.61	8.26	9.17	9.35	9.52	9.17	7.81			6.71	9.35

Semi-Final 2

date 25-Feb-12

Feher (2012) - Czech Republic indoor national championships - women's 60m

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Mazáčová, Iveta (CZE) (1986)	time		2.09	3.25	4.30	5.35	6.37	7.43	7.43	4 / 1			
reaction time	0.165	interval		1.16	1.05	1.05	1.02	1.06		# of strides	4.30	3.13	
velocity			4.78	8.62	9.52	9.52	9.80	9.43	8.08		6.98	9.58	
Rosolová, Denisa (CZE) (1986)	time		2.12	3.33	4.40	5.46	6.46	7.50	7.50	5 / 2			
reaction time	0.161	interval		1.21	1.07	1.06	1.00	1.04		# of strides	4.40	3.10	
velocity			4.72	8.26	9.35	9.43	10.00	9.62	8.00		6.82	9.68	
Hrivnová, Pavla (CZE) (1986)	time		2.13	3.34	4.43	5.50	6.54	7.61	7.61	3 / 3			
reaction time	0.146	interval		1.21	1.09	1.07	1.04	1.07		# of strides	4.43	3.18	
velocity			4.69	8.26	9.17	9.35	9.62	9.35	7.88		6.77	9.43	
Chválková, Adéla (CZE) (1989)	time		2.13	3.34	4.43	5.52	6.57	7.65	7.65	2 / 4			
reaction time	0.160	interval		1.21	1.09	1.09	1.05	1.08		# of strides	4.43	3.22	
velocity			4.69	8.26	9.17	9.17	9.52	9.26	7.84		6.77	9.32	
Kobiánová, Kristyna (CZE) (1995)	time		2.14	3.38	4.47	5.56	6.63	7.73	7.73	6 / 5			
reaction time	0.152	interval		1.24	1.09	1.09	1.07	1.10		# of strides	4.47	3.26	
velocity			4.67	8.06	9.17	9.17	9.35	9.09	7.76		6.71	9.20	
Rappová, Anna-Marie (CZE) (199)	time		2.13	3.38	4.47	5.57	6.65	7.76	7.76	7 / 6			
reaction time	0.177	interval		1.25	1.09	1.10	1.08	1.11		# of strides	4.47	3.29	
velocity			4.69	8.00	9.17	9.09	9.26	9.01	7.73		6.71	9.12	
Školová, Andrea (CZE) (1996)	time		2.26	3.53	4.67	5.79	6.89	8.02	8.02	8 / 7			
reaction time	0.187	interval		1.27	1.14	1.12	1.10	1.13		# of strides	4.67	3.35	
velocity			4.42	7.87	8.77	8.93	9.09	8.85	7.48		6.42	8.96	

Semi-Final 1

date 25-Feb-12

Feher (2012) - Czech Republic indoor national championships - women's 60m

			10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Čechová, Katerina (CZE) (1988)	time		2.11	3.25	4.33	5.35	6.35	7.36	7.35	4 / 1			
reaction time	0.150	interval		1.14	1.08	1.02	1.00	1.01		# of strides	4.33	3.03	
velocity			4.74	8.77	9.26	9.80	10.00	9.90	8.16		6.93	9.90	
Procházková, Barbora (CZE) (199)	time		2.13	3.33	4.43	5.49	6.55	7.61	7.61	5 / 2			
reaction time	0.187	interval		1.20	1.10	1.06	1.06	1.06	PB	# of strides	4.43	3.18	
velocity			4.69	8.33	9.09	9.43	9.43	9.43	7.88		6.77	9.43	
Táborská, Monika (CZE) (1988)	time		2.17	3.36	4.48	5.52	6.58	7.63	7.63	3 / 3			
reaction time	0.190	interval		1.19	1.12	1.04	1.06	1.05		# of strides	4.48	3.15	
velocity			4.61	8.40	8.93	9.62	9.43	9.52	7.86		6.70	9.52	
Černochová, Martina (CZE) (1994)	time		2.19	3.38	4.50	5.55	6.62	7.69	7.69	2 / 4			
reaction time	0.221	interval		1.19	1.12	1.05	1.07	1.07		# of strides	4.50	3.19	
velocity			4.57	8.40	8.93	9.52	9.35	9.35	7.80		6.67	9.40	
Domská, Lucie (CZE) (1993)	time		2.17	3.40	4.48	5.58	6.65	7.73	7.73	6 / 5			
reaction time	0.159	interval		1.23	1.08	1.10	1.07	1.08		# of strides	4.48	3.25	
velocity			4.61	8.13	9.26	9.09	9.35	9.26	7.76		6.70	9.23	
Humpolíková, Pavla (CZE) (1985)	time		2.21	3.44	4.54	5.61	6.69	7.78	7.78	7 / 6			
reaction time	0.177	interval		1.23	1.10	1.07	1.08	1.09		# of strides	4.54	3.24	
velocity			4.52	8.13	9.09	9.35	9.26	9.17	7.71		6.61	9.26	

Štychlová, Martina (CZE) (1992)	time	2.22	3.45	4.57	5.65	6.77	7.86
reaction time	0.175	interval	1.23	1.12	1.08	1.12	1.09
velocity	4.50	8.13	8.93	9.26	8.93	9.17	

7.86	8 / 7		
# of strides	4.57	3.29	
6.56	9.12		

Heat 3

date 25-Feb-12

Feher (2012) - Czech Republic indoor national championships - women's 60m

		10m	20m	30m	40m	50m	60m
Rosolová, Denisa (CZE) (1986)	time	2.16	3.36	4.44	5.50	6.59	7.69
reaction time	0.159	interval	1.20	1.08	1.06	1.09	1.10
velocity	4.63	8.33	9.26	9.43	9.17	9.09	

Official Time	Lane / Place	0-30m	30-60m	60-90m
7.69	4 / 1			
# of strides	4.44	3.25		
6.76	9.23			

Hřivnová, Pavla (CZE) (1986)	time	2.14	3.39	4.51	5.58	6.65	7.71
reaction time	0.141	interval	1.25	1.12	1.07	1.07	1.06
velocity	4.67	8.00	8.93	9.35	9.35	9.43	

7.71	3 / 2			
# of strides	4.51	3.20		
6.65	9.38			

Černochová, Martina (CZE) (1994)	time	2.15	3.37	4.53	5.59	6.68	7.75
reaction time	0.190	interval	1.22	1.16	1.06	1.09	1.07
velocity	4.65	8.20	8.62	9.43	9.17	9.35	

7.75	5 / 3			
# of strides	4.53	3.22		
6.62	9.32			

Školová, Andrea (CZE) (1996)	time	2.25	3.49	4.64	5.76	6.85	7.95
reaction time	0.198	interval	1.24	1.15	1.12	1.09	1.10
velocity	4.44	8.06	8.70	8.93	9.17	9.09	

7.95	6 / 4			
# of strides	4.64	3.31		
6.47	9.06			

Lepešková, Klára (CZE) (1993)	time	2.21	3.42	4.64	5.67	6.85	7.99
reaction time	0.168	interval	1.21	1.22	1.03	1.18	1.14
velocity	4.52	8.26	8.20	9.71	8.47	8.77	

7.99	2 / 5			
# of strides	4.64	3.35		
6.47	8.96			

Brázdilová, Lenka (CZE) (1982)	time	2.27	3.53	4.71	5.86	7.00	8.14
reaction time	0.204	interval	1.26	1.18	1.15	1.14	1.14
velocity	4.41	7.94	8.47	8.70	8.77	8.77	

8.14	7 / 6			
# of strides	4.71	3.43		
6.37	8.75			

Heat 2

date 25-Feb-12

Feher (2012) - Czech Republic indoor national championships - women's 60m

		10m	20m	30m	40m	50m	60m
Mazáčová, Iveta (CZE) (1986)	time	2.05	3.21	4.31	5.37	6.39	7.46
reaction time	0.138	interval	1.16	1.10	1.06	1.02	1.07
velocity	4.88	8.62	9.09	9.43	9.80	9.35	

Official Time	Lane / Place	0-30m	30-60m	60-90m
7.46	4 / 1			
# of strides	4.31	3.15		
6.96	9.52			

Táborská, Monika (CZE) (1988)	time	2.19	3.37	4.50	5.58	6.64	7.70
reaction time	0.180	interval	1.18	1.13	1.08	1.06	1.06
velocity	4.57	8.47	8.85	9.26	9.43	9.43	

7.70	5 / 2			
# of strides	4.50	3.20		
6.67	9.38			

Kobiánová, Kristyna (CZE) (1995)	time	2.11	3.31	4.47	5.57	6.63	7.70
reaction time	0.154	interval	1.20	1.16	1.10	1.06	1.07
velocity	4.74	8.33	8.62	9.09	9.43	9.35	

7.70	3 / 3			
# of strides	4.47	3.23		
6.71	9.29			

Humpolíková, Pavla (CZE) (1985)	time	2.17	3.37	4.52	5.62	6.71	7.80
reaction time	0.145	interval	1.20	1.15	1.10	1.09	1.09
velocity	4.61	8.33	8.70	9.09	9.17	9.17	

7.80	6 / 4			
# of strides	4.52	3.28		
6.64	9.15			

Štychlová, Martina (CZE) (1992)	time	2.20	3.44	4.63	5.71	6.81	7.92
reaction time	0.168	interval	1.24	1.19	1.08	1.10	1.11
velocity	4.55	8.06	8.40	9.26	9.09	9.01	

7.92	2 / 5			
# of strides	4.63	3.29		
6.48	9.12			

Mrnová, Markéta (CZE) (1991)	time	2.25	3.51	4.66	5.82	6.95	8.07
reaction time	0.161	interval	1.26	1.15	1.16	1.13	1.12
velocity	4.44	7.94	8.70	8.62	8.85	8.93	

8.07	7 / 6			
# of strides	4.66	3.41		
6.44	8.80			

Heat 1

date 25-Feb-12

Feher (2012) - Czech Republic indoor national championships - women's 60m

		10m	20m	30m	40m	50m	60m
Čechová, Katerina (CZE) (1988)	time	2.09	3.30	4.35	5.33	6.36	7.39
reaction time	0.141	interval	1.21	1.05	0.98	1.03	1.03
velocity	4.78	8.26	9.52	10.20	9.71	9.71	

Official Time	Lane / Place	0-30m	30-60m	60-90m
7.39	4 / 1			
# of strides	4.35	3.04		
6.90	9.87			

Procházková, Barbora (CZE) (1991)	time	2.11	3.32	4.46	5.48	6.55	7.67
reaction time	0.158	interval	1.21	1.14	1.02	1.07	1.12
velocity	4.74	8.26	8.77	9.80	9.35	8.93	

7.67	5 / 2			
# of strides	4.46	3.21		
6.73	9.35			

Domská, Lucie (CZE) (1993)	time	2.13	3.39	4.51	5.58	6.66	7.74
reaction time	0.137	interval	1.26	1.12	1.07	1.08	1.08
velocity	4.69	7.94	8.93	9.35	9.26	9.26	

7.74	3 / 3			
# of strides	4.51	3.23		
6.65	9.29			

Chválková, Adéla (CZE) (1989)	time	2.18	3.42	4.53	5.60	6.68	7.76
reaction time	0.181	interval	1.24	1.11	1.07	1.08	1.08
velocity	4.59	8.06	9.01	9.35	9.26	9.26	

7.76	2 / 4			
# of strides	4.53	3.23		
6.62	9.29			

Rappová, Anna-Marie (CZE) (1991)	time	2.15	3.37	4.54	5.59	6.68	7.77
---	------	------	------	------	------	------	------

7.77	6 / 5			
------	-------	--	--	--

reaction time	0.164	interval	1.22	1.17	1.05	1.09	1.09							# of strides	4.54	3.23
		velocity	4.65	8.20	8.55	9.52	9.17	9.17				7.72			6.61	9.29
Veverková, Markéta (CZE) (1989)	time	2.17	3.42	4.62	5.71	6.89	8.06					8.06		7 / 6		
	reaction time	0.157	interval	1.25	1.20	1.09	1.18	1.17						# of strides	4.62	3.44
		velocity	4.61	8.00	8.33	9.17	8.47	8.55				7.44			6.49	8.72

2011 IAAF World Championships (Daegu, KOR)**FINAL**

date 29-Aug-11 wind -1.4 m/s KSSB (2011) - biomechanical research project report in the iaaf world championships, Daegu 2011

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jeter, Carmelita (USA) (1979)	time	1.94	3.05	4.06	5.02	5.97	6.92	7.88	8.85	9.84	10.90	10.90	4 / 1			
	reaction time	0.167	interval	1.11	1.01	0.96	0.95	0.96	0.97	0.99	1.06		# of strides	4.06	2.86	2.92
		velocity	5.15	9.01	9.90	10.42	10.53	10.42	10.31	10.10	9.43	9.17	50.5	7.39	10.49	10.27
Campbell-Brown, Veronica (JAM)	time		3.12	4.17	5.13	6.10	7.04	7.99	8.92	9.91	10.97	10.97	8 / 2			
	reaction time	0.234	interval	1.05	0.96	0.97	0.94	0.95	0.93	0.99	1.06		# of strides	4.17	2.87	2.86
		velocity	6.41	9.52	10.42	10.31	10.64	10.53	10.75	10.10	9.43	9.12	49.6	7.19	10.45	10.49
Baptiste, Kelly-Ann (TTO) (1986)	time	2.99	4.11	5.08	6.05	7.01	7.97	8.91	9.91	10.98		10.98	5 / 3			
	reaction time	0.151	interval	1.12	0.97	0.97	0.96	0.96	0.94	1.00	1.07		# of strides	4.11	2.90	2.89
		velocity	6.69	8.93	10.31	10.31	10.42	10.42	10.64	10.00	9.35	9.11	50.0	7.30	10.34	10.38
Fraser-Pryce, Shelly-Ann (JAM) (1984)	time		3.05	4.10	5.06	6.02	6.97	7.93	8.87	9.91	10.99	10.99	3 / 4			
	reaction time	0.194	interval	1.05	0.96	0.96	0.95	0.96	0.94	1.04	1.08		# of strides	4.10	2.87	2.87
		velocity	6.56	9.52	10.42	10.42	10.53	10.42	10.64	9.62	9.26	9.10	50.0	7.32	10.45	10.45
Okagbare, Blessing (NGR) (1988)	time		3.09	4.14	5.14	6.14	7.10	8.08	9.04	10.05	11.12	11.12	2 / 5			
	reaction time	0.147	interval	1.05	1.00	1.00	0.96	0.98	0.96	1.01	1.07		# of strides	4.14	2.96	2.94
		velocity	6.47	9.52	10.00	10.00	10.42	10.20	10.42	9.90	9.35	8.99	47.4	7.25	10.14	10.20
Stewart, Kerron (JAM) (1984)	time		3.12	4.18	5.16	6.13	7.11	8.08	9.03	10.04	11.15	11.15	6 / 6			
	reaction time	0.212	interval	1.06	0.98	0.97	0.98	0.97	0.95	1.01	1.11		# of strides	4.18	2.93	2.92
		velocity	6.41	9.43	10.20	10.31	10.20	10.31	10.53	9.90	9.01	8.97	47.0	7.18	10.24	10.27
Lalova, Ivet (BUL) (1984)	time		3.14	4.22	5.23	6.24	7.21	8.19	9.16	10.18	11.27	11.27	1 / 7			
	reaction time	0.156	interval	1.08	1.01	1.01	0.97	0.98	0.97	1.02	1.09		# of strides	4.22	2.99	2.96
		velocity	6.37	9.26	9.90	9.90	10.31	10.20	10.31	9.80	9.17	8.87	50.0	7.11	10.03	10.14
Hooker, Marshevet (USA) (1984)	time		3.17	4.25	5.24	6.24	7.22	8.21	9.17	10.20	11.33	11.33	7 / 8			
	reaction time	0.164	interval	1.08	0.99	1.00	0.98	0.99	0.96	1.03	1.13		# of strides	4.25	2.97	2.97
		velocity	6.31	9.26	10.10	10.00	10.20	10.10	10.42	9.71	8.85	8.83	47.6	7.06	10.10	10.10

Semi-Final 3

date 29-Aug-11 wind -1.5 m/s Marchand (2011) - une étape encourageante vers 2012 pour Véronique Mang

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Mang, Véronique (FRA) (1984)	time					6.36					11.44	11.44	4 / 1			
	reaction time	0.139	interval								5.08		# of strides			
		velocity				7.86					4.37	8.74	50.5			

Heat 7

date 28-Aug-11 wind 0.5 m/s Marchand (2011) - une étape encourageante vers 2012 pour Véronique Mang

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Mang, Véronique (FRA) (1984)	time					6.33					11.20	11.20	4 / 1			
	reaction time	0.172	interval								4.87		# of strides			
		velocity				7.90					4.46	8.93	50.5			

2011 Japanese National High School Championships (Kitakami, JPN)**FINAL**

date 04-Aug-11 wind -1.0 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
Doi, Anna (JPN) (1995)	time					6.45	7.49	8.54	9.63	10.75	11.88	11.88	7 / 1			
	reaction time						1.04	1.05	1.09	1.12	1.13		# of strides			3.26
						7.75	9.62	9.52	9.17	8.93	8.85	8.42				9.20
Kimura, Akane (JPN) (1993)	time					6.50	7.55	8.63	9.73	10.86	12.02	12.02	6 / 2			
	reaction time						1.05	1.08	1.10	1.13	1.16		# of strides			3.31
						7.69	9.52	9.26	9.09	8.85	8.62	8.32				9.06
Aoki, Masumi (JPN) (1994)	time					6.53	7.57	8.66	9.76	10.89	12.05	12.05	5 / 3			
	reaction time						1.04	1.09	1.10	1.13	1.16		# of strides			3.32
						7.66	9.62	9.17	9.09	8.85	8.62	8.30				9.04
Nobayashi, Yumi (JPN) (1995)	time					6.59	7.65	8.70	9.78	10.91	12.05	12.05	9 / 4			
	reaction time						1.06	1.05	1.08	1.13	1.14		# of strides			3.26
						7.59	9.43	9.52	9.26	8.85	8.77	8.30				9.20
Shimada, Sae (JPN) (1994)	time					6.54	7.63	8.72	9.82	10.97	12.15	12.15	3 / 5			

reaction time	interval		1.09	1.09	1.10	1.15	1.18		# of strides	3.34
	velocity	7.65	9.17	9.17	9.09	8.70	8.47	8.23		8.98
Sugiyama, Haruka (JPN)	time	6.64	7.71	8.80	9.88	11.00	12.15	12.15	2 / 6	
reaction time	interval		1.07	1.09	1.08	1.12	1.15		# of strides	3.29
	velocity	7.53	9.35	9.17	9.26	8.93	8.70	8.23		9.12
Komi, Baba (JPN) (1993)	time	6.54	7.60	8.68	9.81	10.98	12.18	12.18	8 / 7	
reaction time	interval		1.06	1.08	1.13	1.17	1.20		# of strides	3.38
	velocity	7.65	9.43	9.26	8.85	8.55	8.33	8.21		8.88
Yamada, Eri (JPN) (1993)	time	6.61	7.68	8.76	9.87	11.02	12.19	12.19	4 / 8	
reaction time	interval		1.07	1.08	1.11	1.15	1.17		# of strides	3.34
	velocity	7.56	9.35	9.26	9.01	8.70	8.55	8.20		8.98

2011 Windsprint (Sundsvall, SWE)**FINAL**

date 31-Jul-11

wind 0.2 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
Ferguson-McKenzie, Debbie (JAM)	time		4.18				7.15		9.13		11.18	11.18	7 / 1			
reaction time	interval						2.97		1.98		2.05		# of strides	4.18	2.97	
	velocity		7.18				10.10		10.10		9.76	8.94		7.18	10.10	
Russell, Carrie (JAM) (1990)	time		4.12				7.08		9.08		11.20	11.20	5 / 2			
reaction time	interval						2.96		2.00		2.12		# of strides	4.12	2.96	
	velocity		7.28				10.14		10.00		9.43	8.93		7.28	10.14	
Mahan, Shayla (USA) (1989)	time		4.29				7.31		9.32		11.45	11.45	4 / 3			
reaction time	interval						3.02		2.01		2.13		# of strides	4.29	3.02	
	velocity		6.99				9.93		9.95		9.39	8.73		6.99	9.93	
Madison, Tianna (USA) (1985)	time		4.27				7.33		9.36		11.51	11.51	1 / 4			
reaction time	interval						3.06		2.03		2.15		# of strides	4.27	3.06	
	velocity		7.03				9.80		9.85		9.30	8.69		7.03	9.80	
Akinyemi, Folake (NOR) (1990)	time		4.39				7.54		9.65		11.85	11.85	2 / 5			
reaction time	interval						3.15		2.11		2.20		# of strides	4.39	3.15	
	velocity		6.83				9.52		9.48		9.09	8.44		6.83	9.52	
Skugge, Julia (SWE) (1988)	time		4.38				7.52		9.64		11.89	11.89	3 / 6			
reaction time	interval						3.14		2.12		2.25		# of strides	4.38	3.14	
	velocity		6.85				9.55		9.43		8.89	8.41		6.85	9.55	
Eritsland, Siri (NOR) (1989)	time		4.43				7.62		9.80		12.11	12.11	6 / 7			
reaction time	interval						3.19		2.18		2.31		# of strides	4.43	3.19	
	velocity		6.77				9.40		9.17		8.66	8.26		6.77	9.40	

B FINAL

date 31-Jul-11

wind 3.4 m/s

(2011) - www.ssg.se/en/Windsprint/Split-times/

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ottey, Merlene (SLO) (1960)	time		4.36				7.44		9.52		11.69	11.69	4 / 1			
reaction time	interval						3.08		2.08		2.17		# of strides	4.36	3.08	
	velocity		6.88				9.74		9.62		9.22	8.55		6.88	9.74	
Pettersson, Erica (SWE) (1990)	time		4.41				7.53		9.61		11.78	11.78	2 / 2			
reaction time	interval						3.12		2.08		2.17		# of strides	4.41	3.12	
	velocity		6.80				9.62		9.62		9.22	8.49		6.80	9.62	
Busk, Daniella (SWE) (1993)	time		4.46				7.59		9.66		11.85	11.85	7 / 3			
reaction time	interval						3.13		2.07		2.19		# of strides	4.46	3.13	
	velocity		6.73				9.58		9.66		9.13	8.44		6.73	9.58	
Östlund, Elin (SWE) (1991)	time		4.45				7.55		9.65		11.86	11.86	5 / 4			
reaction time	interval						3.10		2.10		2.21		# of strides	4.45	3.10	
	velocity		6.74				9.68		9.52		9.05	8.43		6.74	9.68	
Backman, Elin (SWE) (1988)	time		4.41				7.58		9.68		11.87	11.87	1 / 5			
reaction time	interval						3.17		2.10		2.19		# of strides	4.41	3.17	
	velocity		6.80				9.46		9.52		9.13	8.42		6.80	9.46	
Olsson, Stephanie (SWE) (1991)	time		4.41				7.56		9.68		11.92	11.92	3 / 6			
reaction time	interval						3.15		2.12		2.24		# of strides	4.41	3.15	
	velocity		6.80				9.52		9.43		8.93	8.39		6.80	9.52	
Isaksen, Iren Vevatne (NOR) (1988)	time		4.53				7.69		9.79		11.98	11.98	8 / 7			
reaction time	interval						3.16		2.10		2.19		# of strides	4.53	3.16	
	velocity		6.62				9.49		9.52		9.13	8.35		6.62	9.49	

Törnros, Sandra (SWE) (1995)	time	4.56	7.74	9.87	12.11	12.11	6 / 8		
	reaction time		3.18	2.13	2.24		# of strides	4.56	3.18
	velocity	6.58	9.43	9.39	8.93	8.26		6.58	9.43

C FINAL

date 31-Jul-11 wind 1.2 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
Sönnefors, Marie (SWE) (1993)	time			4.48			7.78		9.96		12.20	12.20	3 / 1			
	reaction time						3.30		2.18		2.24		# of strides	4.48	3.30	
	velocity			6.70			9.09		9.17		8.93	8.20		6.70	9.09	
Cederkvist, Astrid (NOR) (1994)	time			4.54			7.70		9.91		12.21	12.21	4 / 2			
	reaction time						3.16		2.21		2.30		# of strides	4.54	3.16	
	velocity			6.61			9.49		9.05		8.70	8.19		6.61	9.49	
Hultgren, Matilda (SWE) (1989)	time			4.55			7.83		10.08		12.40	12.40	6 / 3			
	reaction time						3.28		2.25		2.32		# of strides	4.55	3.28	
	velocity			6.59			9.15		8.89		8.62	8.06		6.59	9.15	
Odesjö, Amanda (SWE) (1994)	time			4.64			7.97		10.20		12.54	12.54	8 / 4			
	reaction time						3.33		2.23		2.34		# of strides	4.64	3.33	
	velocity			6.47			9.01		8.97		8.55	7.97		6.47	9.01	
Schüssler, Susanne (SWE) (1995)	time			4.57			7.94		10.25		12.70	12.70	7 / 5			
	reaction time						3.37		2.31		2.45		# of strides	4.57	3.37	
	velocity			6.56			8.90		8.66		8.16	7.87		6.56	8.90	
Sunneborn, Anna (SWE) (1970)	time			4.67			8.07		10.39		12.81	12.81	5 / 6			
	reaction time						3.40		2.32		2.42		# of strides	4.67	3.40	
	velocity			6.42			8.82		8.62		8.26	7.81		6.42	8.82	
Nyhlén, Ulrika (SWE) (1993)	time			4.64			8.04		10.38		12.84	12.84	2 / 7			
	reaction time						3.40		2.34		2.46		# of strides	4.64	3.40	
	velocity			6.47			8.82		8.55		8.13	7.79		6.47	8.82	

2011 Asian Championships (Kobe, JPN)**Heat 2**

date 07-Jul-11 wind 1.0 m/s *Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Okabe, Nao (JPN) (1988)	time	2.08	3.24	4.31	5.35	6.38	7.40	8.43	9.48	10.55	11.63	11.64	/ 2			
	reaction time	0.148		1.16	1.07	1.04	1.03	1.03	1.05	1.07	1.08		# of strides	4.31	3.09	3.15
	velocity	4.81	8.62	9.35	9.62	9.71	9.80	9.71	9.52	9.35	9.26	8.59		51.0	6.96	9.71

2011 Fuse Sprint (Tottori, JPN)**Race 2**

date 26-Jun-11 wind 3.4 m/s *Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fukushima, Chisato (JPN) (1988)	time	1.99	3.10	4.11	5.10	6.07	7.06	8.07	9.08	10.10	11.16	11.16	7 / 1			
	reaction time			1.11	1.01	0.99	0.97	0.99	1.01	1.01	1.02	1.06	# of strides	4.11	2.95	3.04
	velocity	5.03	9.01	9.90	10.10	10.31	10.10	9.90	9.90	9.80	9.43	8.96		51.5	7.30	10.17

Race 1

date 26-Jun-11 wind -0.3 m/s *Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fukushima, Chisato (JPN) (1988)	time	1.99	3.11	4.15	5.15	6.16	7.14	8.14	9.15	10.19	11.24	11.24	7 / 1			
	reaction time			1.12	1.04	1.00	0.98	1.00	1.01	1.04	1.05		# of strides	4.15	2.99	3.05
	velocity	5.03	8.93	9.62	10.00	9.90	10.20	10.00	9.90	9.62	9.52	8.90		53.4	7.23	10.03

2011 Japanese National Championships (Kumagaya, JPN)**Heat 3**

date 10-Jun-11 wind 0.6 m/s *Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ichikawa, Kana (JPN) (1991)	time	2.07	3.24	4.31	5.36	6.37	7.40	8.42	9.44	10.48	11.55	11.55	/ 1			
	reaction time			1.17	1.07	1.01	1.03	1.02	1.02	1.04	1.07		# of strides	4.31	3.09	3.08
	velocity	4.83	8.55	9.35	9.52	9.90	9.71	9.80	9.80	9.62	9.35	8.66		49.4	6.96	9.71
Doi, Anna (JPN) (1995)	time	2.08	3.23	4.29	5.33	6.36	7.41	8.46	9.54	10.63	11.75	11.75	/ 2			
	reaction time			1.15	1.06	1.04	1.03	1.05	1.08	1.09	1.12		# of strides	4.29	3.12	3.22
	velocity	4.81	8.70	9.43	9.62	9.71	9.52	9.52	9.26	9.17	8.93	8.51		54.4	6.99	9.62

Heat 1

date 10-Jun-11 wind 0.3 m/s *Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Shimizu, Megumi (JPN) (1987)	time	2.03	3.20	4.28	5.33	6.37	7.40	8.46	9.54	10.64	11.75	11.75	/ 1			
	reaction time			1.17	1.08	1.05	1.04	1.06	1.08	1.10	1.11		# of strides	4.28	3.12	3.24
	velocity	4.93	8.55	9.26	9.52	9.62	9.71	9.43	9.26	9.09	9.01	8.51		49.3	7.01	9.62

2011 Seiko Golden Grand Prix (Kawasaki, JPN)

FINAL

date 08-May-11 wind -0.4 m/s

Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Takahashi, Momoko (JPN) (1988)	time	2.11	3.28	4.37	5.41	6.45	7.48	8.52	9.56	10.62	11.70	11.70	7 / 6			
	reaction time		interval	1.17	1.09	1.04	1.04	1.03	1.04	1.06	1.08		# of strides	4.37	3.11	3.14
	velocity	4.74	8.55	9.17	9.62	9.62	9.71	9.62	9.62	9.43	9.26	8.55	51.0	6.86	9.65	9.55

2011 Mikio Oda Memorial (Hiroshima, JPN)**FINAL**

date 29-Apr-11 wind 2.6 m/s

Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Breen, Melissa (AUS) (1990)	time	2.05	3.21	4.25	5.25	6.24	7.22	8.21	9.21	10.23	11.27	11.27	5 / 1			
	reaction time		interval	1.16	1.04	0.99	0.98	0.99	1.00	1.02	1.04		# of strides	4.25	2.97	3.01
	velocity	4.88	8.62	9.62	10.00	10.10	10.20	10.10	10.00	9.80	9.62	8.87	50.5	7.06	10.10	9.97
Ichikawa, Kana (JPN) (1991)	time	2.07	3.23	4.27	5.29	6.28	7.28	8.26	9.26	10.26	11.28	11.28	4 / 2			
	reaction time		interval	1.16	1.04	0.99	1.00	0.98	1.00	1.00	1.02		# of strides	4.27	3.01	2.98
	velocity	4.83	8.62	9.62	9.80	10.10	10.00	10.20	10.00	10.00	9.80	8.87	48.7	7.03	9.97	10.07
Kitakaze, Saori (JPN) (1985)	time	2.07	3.22	4.26	5.27	6.26	7.25	8.25	9.28	10.33	11.40	11.40	8 / 3			
	reaction time		interval	1.15	1.04	0.99	0.99	1.00	1.03	1.05	1.07		# of strides	4.26	2.99	3.08
	velocity	4.83	8.70	9.62	9.90	10.10	10.10	10.00	9.71	9.52	9.35	8.77	49.7	7.04	10.03	9.74
Takahashi, Momoko (JPN) (1988)	time	2.12	3.29	4.36	5.38	6.38	7.37	8.36	9.36	10.38	11.41	11.41	1 / 4			
	reaction time		interval	1.17	1.07	1.02	1.00	0.99	0.99	1.00	1.02	1.03	# of strides	4.36	3.01	3.01
	velocity	4.72	8.55	9.35	9.80	10.00	10.10	10.10	10.00	9.80	9.71	8.76	57.2	6.88	9.97	9.97

B Final

date 29-Apr-11 wind 2.0 m/s

Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Watanabe, Mayumi (JPN) (1983)	time	2.05	3.19	4.25	5.27	6.28	7.29	8.32	9.38	10.47	11.59	11.59	4 / 1			
	reaction time		interval	1.14	1.06	1.02	1.01	1.03	1.06	1.09	1.12		# of strides	4.25	3.04	3.18
	velocity	4.88	8.77	9.43	9.80	9.90	9.90	9.71	9.43	9.17	8.93	8.63	53.3	7.06	9.87	9.43
Okayama, Saeko (JPN) (1982)	time	2.20	3.40	4.49	5.53	6.56	7.58	8.61	9.65	10.72	11.81	11.81	1 / 2			
	reaction time		interval	1.20	1.09	1.04	1.03	1.04	1.07	1.09		PB	# of strides	4.49	3.09	3.14
	velocity	4.55	8.33	9.17	9.62	9.71	9.80	9.71	9.62	9.35	9.17	8.47	48.3	6.68	9.71	9.55

Heat 2

date 29-Apr-11 wind 2.0 m/s

Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kitakaze, Saori (JPN) (1985)	time	2.03	3.17	4.24	5.28	6.31	7.33	8.37	9.44	10.53	11.65	11.65	3 / 3			
	reaction time		interval	1.14	1.07	1.04	1.03	1.04	1.07	1.09	1.12		# of strides	4.24	3.09	3.20
	velocity	4.93	8.77	9.35	9.62	9.71	9.80	9.62	9.35	9.17	8.93	8.58	58.8	7.08	9.71	9.38
Sano, Yumeka (JPN) (1985)	time	2.07	3.22	4.29	5.33	6.35	7.38	8.43	9.50	10.58	11.70	11.70	6 / 4			
	reaction time		interval	1.15	1.07	1.04	1.02	1.03	1.05	1.07	1.08	1.12	# of strides	4.29	3.09	3.20
	velocity	4.83	8.70	9.35	9.62	9.80	9.71	9.52	9.35	9.26	8.93	8.55	52.6	6.99	9.71	9.38

2010 Windsprint (Sundsvall, SWE)**FINAL**

date 08-Aug-10 wind 2.4 m/s

(2010) - www.ssg.se/en/Windsprint/Split-times/

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Russell, Carrie (JAM) (1990)	time			4.19			7.18		9.14		11.23	11.23	/ 1			
	reaction time						2.99		1.96		2.09		# of strides	4.19	2.99	
	velocity			7.16			10.03		10.20		9.57	8.90		7.16	10.03	
Madison, Tianna (USA) (1985)	time			4.20			7.18		9.18		11.29	11.29	/ 2			
	reaction time						2.98		2.00		2.11		# of strides	4.20	2.98	
	velocity			7.14			10.07		10.00		9.48	8.86		7.14	10.07	
Jones, Hayley (GBR) (1988)	time			4.29			7.32		9.34		11.48	11.48	/ 3			
	reaction time						3.03		2.02		2.14		# of strides	4.29	3.03	
	velocity			6.99			9.90		9.90		9.35	8.71		6.99	9.90	
Klüft, Carolina (SWE) (1983)	time			4.40			7.49		9.54		11.68	11.68	/ 4			
	reaction time						3.09		2.05		2.14		# of strides	4.40	3.09	
	velocity			6.82			9.71		9.76		9.35	8.56		6.82	9.71	
Davin, Elisabeth (BEL) (1981)	time			4.36			7.49		9.60		11.83	11.83	/ 5			
	reaction time						3.13		2.11		2.23		# of strides	4.36	3.13	
	velocity			6.88			9.58		9.48		8.97	8.45		6.88	9.58	
Diamond, Emily (GBR) (1991)	time			4.46			7.63		9.71		11.86	11.86	/ 6			
	reaction time						3.17		2.08		2.15		# of strides	4.46	3.17	
	velocity			6.73			9.46		9.62		9.30	8.43		6.73	9.46	
Bohlén-Kinn, Therése (SWE) (191)	time			4.54			7.71		9.84		12.07	12.07	/ 7			
	reaction time						3.17		2.13		2.23		# of strides	4.54	3.17	

	velocity	6.61	9.46	9.39	8.97	8.29	6.61	9.46
Olsson, Stephanie (SWE) (1991)	time	4.51	7.66	9.81	12.08	12.08	/ 8	
	reaction time		3.15	2.15	2.27		# of strides	4.51 3.15
	interval							
	velocity	6.65	9.52	9.30	8.81	8.28		6.65 9.52

B FINAL

date 08-Aug-10 wind 2.2 m/s

(2010) - www.ssg.se/en/Windsprint/Split-times/

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ottey, Merlene (SLO) (1960)	time			4.43			7.53		9.61		11.78	11.78	/ 1			
	reaction time						3.10		2.08		2.17		# of strides	4.43	3.10	
	interval															
	velocity			6.77			9.68		9.62		9.22	8.49		6.77	9.68	
Hjelmer, Moa (SWE) (1990)	time			4.51			7.66		9.73		11.86	11.86	/ 2			
	reaction time						3.15		2.07		2.13		# of strides	4.51	3.15	
	interval															
	velocity			6.65			9.52		9.66		9.39	8.43		6.65	9.52	
Adriansson, Hanna (SWE) (1992)	time			4.47			7.64		9.78		12.02	12.02	/ 3			
	reaction time						3.17		2.14		2.24		# of strides	4.47	3.17	
	interval															
	velocity			6.71			9.46		9.35		8.93	8.32		6.71	9.46	
Bourdin, Helene (SWE) (1980)	time			4.60			7.78		9.89		12.05	12.05	/ 4			
	reaction time						3.18		2.11		2.16		# of strides	4.60	3.18	
	interval															
	velocity			6.52			9.43		9.48		9.26	8.30		6.52	9.43	
Hultgren, Matilda (SWE) (1989)	time			4.52			7.69		9.82		12.05	12.05	/ 5			
	reaction time						3.17		2.13		2.23		# of strides	4.52	3.17	
	interval															
	velocity			6.64			9.46		9.39		8.97	8.30		6.64	9.46	
Alstermark, Linnéa (SWE) (1992)	time			4.44			7.64		9.83		12.12	12.12	/ 6			
	reaction time						3.20		2.19		2.29		# of strides	4.44	3.20	
	interval															
	velocity			6.76			9.38		9.13		8.73	8.25		6.76	9.38	
Sandsjö, Caroline (SWE) (1992)	time			4.50			7.75		9.94		12.23	12.23	/ 7			
	reaction time						3.25		2.19		2.29		# of strides	4.50	3.25	
	interval															
	velocity			6.67			9.23		9.13		8.73	8.18		6.67	9.23	
Nilsson, Rebecca (SWE) (1993)	time			4.69			8.03		10.28		12.66	12.66	/ 8			
	reaction time						3.34		2.25		2.38		# of strides	4.69	3.34	
	interval															
	velocity			6.40			8.98		8.89		8.40	7.90		6.40	8.98	

C FINAL

date 08-Aug-10 wind 3.5 m/s

(2010) - www.ssg.se/en/Windsprint/Split-times/

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hellberg-Jonsén, Sofia (SWE) (1986)	time			4.58			7.84		10.02		12.30	12.30	/ 1			
	reaction time						3.26		2.18		2.28		# of strides	4.58	3.26	
	interval															
	velocity			6.55			9.20		9.17		8.77	8.13		6.55	9.20	
Hildingsson, Anna (SWE) (1993)	time			4.64			7.93		10.12		12.36	12.36	/ 2			
	reaction time						3.29		2.19		2.24		# of strides	4.64	3.29	
	interval															
	velocity			6.47			9.12		9.13		8.93	8.09		6.47	9.12	
Ström, Malin (SWE) (1986)	time			4.55			7.87		10.07		12.37	12.37	/ 3			
	reaction time						3.32		2.20		2.30		# of strides	4.55	3.32	
	interval															
	velocity			6.59			9.04		9.09		8.70	8.08		6.59	9.04	
Hässel, Julia (SWE) (1994)	time			4.72			8.05		10.26		12.55	12.55	/ 4			
	reaction time						3.33		2.21		2.29		# of strides	4.72	3.33	
	interval															
	velocity			6.36			9.01		9.05		8.73	7.97		6.36	9.01	
Johansson, Malin (SWE) (1992)	time			4.74			8.12		10.37		12.71	12.71	/ 5			
	reaction time						3.38		2.25		2.34		# of strides	4.74	3.38	
	interval															
	velocity			6.33			8.88		8.89		8.55	7.87		6.33	8.88	
Johansson, Charlotte (SWE) (1986)	time			4.72			8.12		10.40		12.76	12.76	/ 6			
	reaction time						3.40		2.28		2.36		# of strides	4.72	3.40	
	interval															
	velocity			6.36			8.82		8.77		8.47	7.84		6.36	8.82	

2010 German National Youth Championships (Ulm, GER)**FINAL**

date 07-Aug-10 wind -0.3 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
Pähler, Stefanie (GER) (1993)	time		3.38	4.46	5.50		7.58		9.67		11.82	11.82	/ 1			
	reaction time				1.08		2.08		2.09		2.15		# of strides	4.46	3.12	
	interval															
	velocity		5.92	9.26	9.62		9.62		9.57		9.30	8.46		6.73	9.62	
Drazek, Annika (GER) (1995)	time		3.38	4.46	5.51		7.60		9.73		11.94	11.94	/ 2			
	reaction time				1.08		2.09		2.13		2.21		# of strides	4.46	3.14	
	interval															

Artymata, Eleni (CYP) (1986)	time	3.32	4.39	5.42		7.45	9.45	11.49	11.49	2 / 8		
	reaction time	0.164		1.07	1.03	2.03	2.00	2.04		# of strides	4.39	3.06
	velocity		6.02	9.35	9.71	9.85	10.00	9.80	8.70		6.83	9.80

Semi-Final 1

date 17-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
Fraser, Shelly-Ann (JAM) (1986)	time		3.06	4.07	5.04		6.94		8.84		10.79	10.79	6 / 1			
	reaction time	0.156			1.01	0.97	1.90		1.90		1.95		# of strides	4.07	2.87	
	velocity		6.54	9.90	10.31		10.53		10.53		10.26	9.27		7.37	10.45	
Stewart, Kerron (JAM) (1984)	time		3.09	4.09	5.06		6.94		8.87		10.84	10.84	4 / 2			
	reaction time	0.155			1.00	0.97	1.88		1.93		1.97		# of strides	4.09	2.85	
	velocity		6.47	10.00	10.31		10.64		10.36		10.15	9.23		7.33	10.53	
Williams, Lauryn (USA) (1983)	time		3.17	4.18	5.16		7.11		9.02		11.01	11.01	5 / 3			
	reaction time	0.148			1.01	0.98	1.95		1.91		1.99		# of strides	4.18	2.93	
	velocity		6.31	9.90	10.20		10.26		10.47		10.05	9.08		7.18	10.24	
Ferguson-McKenzie, Debbie (BA)	time		3.15	4.17	5.16		7.12		9.04		11.03	11.03	3 / 4			
	reaction time	0.146			1.02	0.99	1.96		1.92		1.99		# of strides	4.17	2.95	
	velocity		6.35	9.80	10.10		10.20		10.42		10.05	9.07		7.19	10.17	
Baptiste, Kelly-Ann (TTO) (1986)	time		3.13	4.15	5.14		7.11		9.04		11.07	11.07	7 / 5			
	reaction time	0.141			1.02	0.99	1.97		1.93		2.03		# of strides	4.15	2.96	
	velocity		6.39	9.80	10.10		10.15		10.36		9.85	9.03		7.23	10.14	
Sailer, Verena (GER) (1985)	time		3.16	4.19	5.19		7.19		9.17		11.24	11.24	2 / 6			
	reaction time	0.149			1.03	1.00	2.00		1.98		2.07		# of strides	4.19	3.00	
	velocity		6.33	9.71	10.00		10.00		10.10		9.66	8.90		7.16	10.00	
Harrigan, Tahesia (IVB) (1982)	time		3.14	4.19	5.20		7.24		9.25		11.34	11.34	8 / 7			
	reaction time	0.146			1.05	1.01	2.04		2.01		2.09		# of strides	4.19	3.05	
	velocity		6.37	9.52	9.90		9.80		9.95		9.57	8.82		7.16	9.84	
Hutchinson, Ayanna (TTO) (1978)	time		3.28	4.35	5.38		7.44		9.46		11.58	11.58	1 / 8			
	reaction time	0.169			1.07	1.03	2.06		2.02		2.12		# of strides	4.35	3.09	
	velocity		6.10	9.35	9.71		9.71		9.90		9.43	8.64		6.90	9.71	

Quarter-Final 4

date 16-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
Jeter, Carmelita (USA) (1979)	time		3.10	4.11	5.09		7.03		8.93		10.94	10.94	5 / 1			
	reaction time	0.140			1.01	0.98	1.94		1.90		2.01		# of strides	4.11	2.92	
	velocity		6.45	9.90	10.20		10.31		10.53		9.95	9.14		49.0	7.30	10.27
Fraser, Shelly-Ann (JAM) (1986)	time		3.14	4.15	5.12		7.06		8.96		11.02	11.02	6 / 2			
	reaction time	0.191			1.01	0.97	1.94		1.90		2.06		# of strides	4.15	2.91	
	velocity		6.37	9.90	10.31		10.31		10.53		9.71	9.07		49.2	7.23	10.31
Baptiste, Kelly-Ann (TTO) (1986)	time		3.11	4.14	5.13		7.08		9.02		11.05	11.05	3 / 3			
	reaction time	0.154			1.03	0.99	1.95		1.94		2.03		# of strides	4.14	2.94	
	velocity		6.43	9.71	10.10		10.26		10.31		9.85	9.05		48.7	7.25	10.20
de Moura, Lucimar (BRA) (1974)	time		3.19	4.24	5.26		7.30		9.32		11.44	11.44	8 / 5			
	reaction time	0.153			1.05	1.02	2.04		2.02		2.12		# of strides	4.24	3.06	
	velocity		6.27	9.52	9.80		9.80		9.90		9.43	8.74		7.08	9.80	
Wagner, Marion (GER) (1978)	time		3.30	4.36	5.38		7.42		9.46		11.64	11.64	7 / 8			
	reaction time	0.155			1.06	1.02	2.04		2.04		2.18		# of strides	4.36	3.06	
	velocity		6.06	9.43	9.80		9.80		9.80		9.17	8.59		6.88	9.80	

Quarter-Final 3

date 16-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
Campbell-Brown, Veronica (JAM)	time		3.10	4.11	5.09		7.04		8.96		10.99	10.99	4 / 1			
	reaction time	0.156			1.01	0.98	1.95		1.92		2.03		# of strides	4.11	2.93	
	velocity		6.45	9.90	10.20		10.26		10.42		9.85	9.10		49.0	7.30	10.24
Ferguson-McKenzie, Debbie (BA)	time		3.15	4.17	5.16		7.13		9.07		11.08	11.08	6 / 2			
	reaction time	0.165			1.02	0.99	1.97		1.94		2.01		# of strides	4.17	2.96	
	velocity		6.35	9.80	10.10		10.15		10.31		9.95	9.03		48.5	7.19	10.14
Lee, Muna (USA) (1981)	time		3.18	4.20	5.19		7.14		9.08		11.13	11.13	3 / 3			
	reaction time	0.190			1.02	0.99	1.95		1.94		2.05		# of strides	4.20	2.94	
	velocity		6.29	9.80	10.10		10.26		10.31		9.76	8.98		47.0	7.14	10.20
Sailer, Verena (GER) (1985)	time		3.13	4.17	5.17		7.17		9.16		11.26	11.26	5 / 4			

	velocity	6.19	9.43	9.80	9.71	9.95	9.71	8.74	6.99	9.74
Artymata, Eleni (CYP) (1986)	time	3.27	4.34	5.38	7.42	9.41	11.47	11.47	6 / 3	
	reaction time	0.169	interval	1.07	1.04	2.04	1.99	2.06	# of strides	4.34 3.08
	velocity	6.12	9.35	9.62	9.80	10.05	9.71	8.72		6.91 9.74

Heat 8

date 16-Aug-09 wind 1.1 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
Sturup, Chandra (BAH) (1971)	time	3.16	4.19	5.19	7.19	9.17	11.28	11.28	3 / 1							
	reaction time	0.158	interval	1.03	1.00	2.00	1.98	2.11	# of strides	4.19	3.00					
	velocity	6.33	9.71	10.00	10.00	10.10	9.48	8.87		7.16	10.00					
Geflikh, Anna (RUS) (1983)	time	3.22	4.27	5.28	7.32	9.35	11.47	11.47	4 / 2							
	reaction time	0.166	interval	1.05	1.01	2.04	2.03	2.12	# of strides	4.27	3.05					
	velocity	6.21	9.52	9.90	9.80	9.85	9.43	8.72		7.03	9.84					

Heat 7

date 16-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
Williams, Lauryn (USA) (1983)	time	3.26	4.29	5.29	7.27	9.24	11.36	11.36	3 / 1							
	reaction time	0.206	interval	1.03	1.00	1.98	1.97	2.12	# of strides	4.29	2.98					
	velocity	6.13	9.71	10.00	10.10	10.15	9.43	8.80		6.99	10.07					
Harrigan, Tahesia (IVB) (1982)	time	3.14	4.18	5.19	7.23	9.27	11.39	11.39	7 / 2							
	reaction time	0.160	interval	1.04	1.01	2.04	2.04	2.12	# of strides	4.18	3.05					
	velocity	6.37	9.62	9.90	9.80	9.80	9.43	8.78		7.18	9.84					
Pohrebnyak, Nataliya (UKR) (1988)	time	3.22	4.28	5.30	7.34	9.39	11.54	11.54	6 / 3							
	reaction time	0.164	interval	1.06	1.02	2.04	2.05	2.15	# of strides	4.28	3.06					
	velocity	6.21	9.43	9.80	9.80	9.76	9.30	8.67		7.01	9.80					

Heat 6

date 16-Aug-09 wind -0.6 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
Campbell-Brown, Veronica (JAM) (1988)	time	3.12	4.15	5.15	7.17	9.19	11.34	11.34	3 / 1							
	reaction time	0.138	interval	1.03	1.00	2.02	2.02	2.15	# of strides	4.15	3.02					
	velocity	6.41	9.71	10.00	9.90	9.90	9.30	8.82		7.23	9.93					
Okparaebo, Ezinne (NOR) (1988)	time	3.16	4.19	5.19	7.20	9.22	11.35	11.35	7 / 2							
	reaction time	0.155	interval	1.03	1.00	2.01	2.02	2.13	# of strides	4.19	3.01					
	velocity	6.33	9.71	10.00	9.95	9.90	9.39	8.81		7.16	9.97					
Hackett, Semoy (TTO) (1988)	time	3.18	4.23	5.24	7.27	9.27	11.36	11.36	8 / 3							
	reaction time	0.157	interval	1.05	1.01	2.03	2.00	2.09	# of strides	4.23	3.04					
	velocity	6.29	9.52	9.90	9.85	10.00	9.57	8.80		7.09	9.87					
Ferguson, Sheniqua (BAH) (1989)	time	3.25	4.32	5.35	7.41	9.45	11.57	11.57	4 / 4							
	reaction time	0.173	interval	1.07	1.03	2.06	2.04	2.12	# of strides	4.32	3.09					
	velocity	6.15	9.35	9.71	9.71	9.80	9.43	8.64		6.94	9.71					

Heat 5

date 16-Aug-09 wind -0.7 m/s

Graubner (2009) - biomechanical analyses at the 12th IAAF world championships

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bailey, Aleen (JAM) (1980)	time	3.22	4.27	5.28	7.28	9.25	11.29	11.29	4 / 1							
	reaction time	0.174	interval	1.05	1.01	2.00	1.97	2.04	# of strides	4.27	3.01					
	velocity	6.21	9.52	9.90	10.00	10.15	9.80	8.86		7.03	9.97					
Polyakova, Yevgeniya (RUS) (1988)	time	3.20	4.24	5.25	7.27	9.30	11.41	11.41	2 / 2							
	reaction time	0.150	interval	1.04	1.01	2.02	2.03	2.11	# of strides	4.24	3.03					
	velocity	6.25	9.62	9.90	9.90	9.85	9.48	8.76		7.08	9.90					
Soumare, Myriam (FRA) (1986)	time	3.16	4.21	5.22	7.27	9.31	11.45	11.45	6 / 3							
	reaction time	0.150	interval	1.05	1.01	2.05	2.04	2.14	# of strides	4.21	3.06					
	velocity	6.33	9.52	9.90	9.76	9.80	9.35	8.73		7.13	9.80					
Hutchinson, Ayanna (TTO) (1978)	time	3.26	4.32	5.34	7.39	9.43	11.54	11.54	8 / 4							
	reaction time	0.176	interval	1.06	1.02	2.05	2.04	2.11	# of strides	4.32	3.07					
	velocity	6.13	9.43	9.80	9.76	9.80	9.48	8.67		6.94	9.77					

Heat 4

date 16-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
Ferguson-McKenzie, Debbie (BAH) (1985)	time	3.19	4.22	5.22	7.22	9.19	11.26	11.26	4 / 1							
	reaction time	0.156	interval	1.03	1.00	2.00	1.97	2.07	# of strides	4.22	3.00					
	velocity	6.27	9.71	10.00	10.00	10.15	9.66	8.88		7.11	10.00					
Sailer, Verena (GER) (1985)	time	3.17	4.21	5.21	7.22	9.21	11.29	11.29	5 / 2							
	reaction time	0.153	interval	1.04	1.00	2.01	1.99	2.08	# of strides	4.21	3.01					

velocity	6.31	9.62	10.00	9.95	10.05	9.62	8.86	7.13	9.97
Osayomi, Oludamola (NGR) (1986) time	3.20	4.26	5.28	7.32	9.35	11.49	11.49	6 / 3	
reaction time 0.164 interval		1.06	1.02	2.04	2.03	2.14		# of strides	4.26 3.06
velocity	6.25	9.43	9.80	9.80	9.85	9.35	8.70		7.04 9.80

Heat 3

Heat 3

date		16-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	
Jeter, Carmelita (USA) (1979)	time		3.20	4.22	5.20		7.17		9.13		11.22	11.22	6 / 1				
	reaction time	0.197			1.02		0.98		1.97		1.96		2.09	# of strides	4.22	2.95	
	interval velocity		6.25	9.80	10.20			10.15		10.20		9.57	8.91		7.11	10.17	
Hodge, Virgil (SKN) (1983)	time		3.25	4.29	5.30		7.32		9.33		11.47	11.47	5 / 2				
	reaction time	0.190			1.04		1.01		2.02		2.01		2.14	# of strides	4.29	3.03	
	interval velocity		6.15	9.62	9.90			9.90		9.95		9.35	8.72		6.99	9.90	
Al-Gasara, Rakia (BRN) (1982)	time		3.32	4.37	5.39		7.42		9.42		11.49	11.49	4 / 3				
	reaction time	0.199			1.05		1.02		2.03		2.00		2.07	DV # of strides	4.37	3.05	
	interval velocity		6.02	9.52	9.80			9.85		10.00		9.66	8.70		6.86	9.84	

Heat 2

Heat 2

date 16-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
Stewart, Kerron (JAM) (1984)	time		3.15	4.18	5.17		7.20		9.23		11.31	11.31	4 / 1			
	reaction time 0.182	interval			1.03		0.99		2.03		2.03		# of strides	4.18	3.02	
	velocity		6.35	9.71	10.10		9.85		9.85		9.62	8.84		7.18	9.93	
Anim, Vida (GHA) (1983)	time		3.21	4.26	5.27		7.28		9.29		11.38	11.38	8 / 2			
	reaction time 0.177	interval			1.05		1.01		2.01		2.01		# of strides	4.26	3.02	
	velocity		6.23	9.52	9.90		9.95		9.95		9.57	8.79		7.04	9.93	
Lalova, Ivet (BUL) (1984)	time		3.23	4.29	5.32		7.36		9.38		11.48	11.48	3 / 3			
	reaction time 0.141	interval			1.06		1.03		2.04		2.02		# of strides	4.29	3.07	
	velocity		6.19	9.43	9.71		9.80		9.90		9.52	8.71		6.99	9.77	

Heat 1

Heat 1	date	16-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	
de Moura, Lucimar (BRA) (1974)	time			3.21	4.27	5.29		7.33		9.32		11.41	11.41	2 / 1				
	reaction time	0.129	interval			1.06	1.02		2.04		1.99		2.09	# of strides	4.27	3.06		
			velocity		6.23	9.43	9.80		9.80		10.05		9.57	8.76		7.03	9.80	
Fraser, Shelly-Ann (JAM) (1986)	time			3.15	4.17	5.16		7.22		9.25		11.41	11.41	4 / 2				
	reaction time	0.187	interval			1.02	0.99		2.06		2.03		2.16	# of strides	4.17	3.05		
			velocity		6.35	9.80	10.10		9.71		9.85		9.26	8.76		7.19	9.84	
Wagner, Marion (GER) (1978)	time			3.24	4.29	5.31		7.34		9.36		11.49	11.49	5 / 3				
	reaction time	0.118	interval			1.05	1.02		2.03		2.02		2.13	# of strides	4.29	3.05		
			velocity		6.17	9.52	9.80		9.85		9.90		9.39	8.70		6.99	9.84	

2009 Japanese National High School Championships (Nara, JPN)

FINAL

		date	30-Jul-09	wind	1.6 m/s	Matsuo (2009) - 62nd high school championships: JAF scientific committee - biomechanics data collection												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Seko, Nodoka (JPN) (1991)	time					4.27	5.30	6.33	7.37	8.45	9.48		11.68	11.68	4 / 1			
	reaction time							1.03	1.03	1.04	1.08	1.03	2.20		# of strides	4.27	3.10	
	velocity					7.03	9.71	9.71	9.62	9.26	9.71		9.09	8.56		7.03	9.68	
Ishida, Akane (JPN) (1992)	time					4.28	5.32	6.35	7.40	8.47	9.53		11.73	11.73	5 / 2			
	reaction time							1.04	1.03	1.05	1.07	1.06	2.20	PB	# of strides	4.28	3.12	
	velocity					7.01	9.62	9.71	9.52	9.35	9.43		9.09	8.53		7.01	9.62	
Tashiro, Narumi (JPN) (1991)	time					4.38	5.45	6.47	7.50	8.58	9.61		11.78	11.78	7 / 3			
	reaction time							1.07	1.02	1.03	1.08	1.03	2.17		# of strides	4.38	3.12	
	velocity					6.85	9.35	9.80	9.71	9.26	9.71		9.22	8.49		6.85	9.62	
Yamashiro, Rio (JPN) (1991)	time					4.35	5.42	6.43	7.48	8.56	9.61		11.82	11.82	8 / 4			
	reaction time							1.07	1.01	1.05	1.08	1.05	2.21		# of strides	4.35	3.13	
	velocity					6.90	9.35	9.90	9.52	9.26	9.52		9.05	8.46		6.90	9.58	
Tsuha, Akane (JPN)	time					4.38	5.45	6.48	7.52	8.60	9.63		11.82	11.82	9 / 5			
	reaction time							1.07	1.03	1.04	1.08	1.03	2.19		# of strides	4.38	3.14	
	velocity					6.85	9.35	9.71	9.62	9.26	9.71		9.13	8.46		6.85	9.55	
Kimura, Akane (JPN) (1993)	time					4.30	5.36	6.40	7.43	8.53	9.60		11.83	11.83	6 / 6			
	reaction time							1.06	1.04	1.03	1.10	1.07	2.23		# of strides	4.30	3.13	
	velocity					6.98	9.43	9.62	9.71	9.09	9.35		8.97	8.45		6.98	9.58	

Soma, Eriko (JPN) (1991)	time	4.35	5.41	6.43	7.48	8.59	9.66		11.89	11.89	3 / 7		
	reaction time			1.06	1.02	1.05	1.11	1.07	2.23		# of strides	4.35	3.13
	velocity	6.90	9.43	9.80	9.52	9.01	9.35		8.97	8.41		6.90	9.58
Kawasaki, Aoi (JPN) (1991)	time	4.35	5.41	6.45	7.53	8.61	9.71		11.98	11.98	2 / 8		
	reaction time			1.06	1.04	1.08	1.08	1.10	2.27		# of strides	4.35	3.18
	velocity	6.90	9.43	9.62	9.26	9.26	9.09		8.81	8.35		6.90	9.43

2009 Windsprint (Sundsvall, SWE)**FINAL**

		date	25-Jul-09	wind	2.0 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		
Moore, LaShaunte'a (USA) (1983)	time				★	4.28		★			★		11.25	11.25	/ 1					
	reaction time								★		★		2.06		# of strides	4.28	2.97			
	interval velocity					7.01			★		★		9.71	8.89		7.01	10.10			
Madison, Tianna (USA) (1985)	time					4.25			7.23		9.22		11.32	11.32	/ 2					
	reaction time								2.98		1.99		2.10		# of strides	4.25	2.98			
	interval velocity					7.06			10.07		10.05		9.52	8.83		7.06	10.07			
Berntsson, Lena (SWE) (1978)	time					4.29			7.36		9.45		11.64	11.64	/ 3					
	reaction time								3.07		2.09		2.19		# of strides	4.29	3.07			
	interval velocity					6.99			9.77		9.57		9.13	8.59		6.99	9.77			
Harmon, Donita (USA) (1983)	time					4.41			7.55		9.64		11.85	11.85	/ 4					
	reaction time								3.14		2.09		2.21		# of strides	4.41	3.14			
	interval velocity					6.80			9.55		9.57		9.05	8.44		6.80	9.55			
Skugge, Julia (SWE) (1988)	time					4.39			7.52		9.63		11.85	11.85	/ 5					
	reaction time								3.13		2.11		2.22		# of strides	4.39	3.13			
	interval velocity					6.83			9.58		9.48		9.01	8.44		6.83	9.58			
Bohlén-Kinn, Therése (SWE) (1991)	time					4.47			7.60		9.68		11.85	11.85	/ 6					
	reaction time								3.13		2.08		2.17		# of strides	4.47	3.13			
	interval velocity					6.71			9.58		9.62		9.22	8.44		6.71	9.58			
Ström, Malin (SWE) (1986)	time					4.46			7.64		9.75		11.94	11.94	/ 7					
	reaction time								3.18		2.11		2.19		# of strides	4.46	3.18			
	interval velocity					6.73			9.43		9.48		9.13	8.38		6.73	9.43			

B FINAL

FINAL	date	25-Jul-09	wind 2.5 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		
Kronlund, Louise (SWE) (1990)	time				4.61				7.82		9.90		12.07	12.07	/ 1				
	reaction time								3.21		2.08		2.17		# of strides	4.61	3.21		
	velocity				6.51				9.35		9.62		9.22	8.29		6.51	9.35		
Eurenius, Isabelle (SWE) (1989)	time				4.49				7.75		9.88		12.09	12.09	/ 2				
	reaction time								3.26		2.13		2.21		# of strides	4.49	3.26		
	velocity				6.68				9.20		9.39		9.05	8.27		6.68	9.20		
Slettum, Elisabeth (NOR) (1986)	time				4.67				7.90		10.03		12.27	12.27	/ 3				
	reaction time								3.23		2.13		2.24		# of strides	4.67	3.23		
	velocity				6.42				9.29		9.39		8.93	8.15		6.42	9.29		
Isaksen, Iren Vevatne (NOR) (1988)	time				4.70				8.03		10.23		12.54	12.54	/ 4				
	reaction time								3.33		2.20		2.31		# of strides	4.70	3.33		
	velocity				6.38				9.01		9.09		8.66	7.97		6.38	9.01		
Alfredsson, Marine (SWE) (1993)	time				4.67				8.01		10.26		12.63	12.63	/ 5				
	reaction time								3.34		2.25		2.37		# of strides	4.67	3.34		
	velocity				6.42				8.98		8.89		8.44	7.92		6.42	8.98		
Östlund, Jessica (SWE) (1991)	time				4.73				8.12		10.37		12.73	12.73	/ 6				
	reaction time								3.39		2.25		2.36		# of strides	4.73	3.39		
	velocity				6.34				8.85		8.89		8.47	7.86		6.34	8.85		

C FINAL

FINAL	date	25-Jul-09	wind	0.9 m/s	(2009) - www.ssg.se/en/Windsprint/Split-times/															
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m			
Grønnhaug, Stine Marie (NOR)	1time				4.72			8.07		10.32		12.68	12.68	/ 1						
	reaction time	interval						3.35		2.25		2.36		# of strides	4.72	3.35				
		velocity			6.36			8.96		8.89		8.47	7.89		6.36	8.96				
Lüppert-Thomsson, Frida (SWE)	time				4.67			8.05		10.33		12.70	12.70	/ 2						
	reaction time	interval						3.38		2.28		2.37		# of strides	4.67	3.38				
		velocity			6.42			8.88		8.77		8.44	7.87		6.42	8.88				

reaction time	0.165	interval		1.02	0.98	1.95	2.01	2.03		# of strides	4.21	2.93
		velocity		6.27	9.80	10.20	10.26	9.95	9.85	8.94	7.13	10.24
Sturup, Chandra (BAH) (1971)	time		3.20	4.23	5.22	7.16	9.15	11.18	11.18	/ 4		
reaction time	0.198	interval		1.03	0.99	1.94	1.99	2.03		# of strides	4.23	2.93
		velocity		6.25	9.71	10.10	10.31	10.05	9.85	8.94	7.09	10.24
Ferguson-McKenzie, Debbie (BA)	time		3.18	4.22	5.22	7.19	9.20	11.19	11.19	/ 5		
reaction time	0.154	interval		1.04	1.00	1.97	2.01	1.99		# of strides	4.22	2.97
		velocity		6.29	9.62	10.00	10.15	9.95	10.05	8.94	7.11	10.10
Jones-Ferrett, Laverne (ISV) (1988)	time		3.11	4.14	5.14	7.11	9.16	11.23	11.23	/ 6		
reaction time	0.147	interval		1.03	1.00	1.97	2.05	2.07		# of strides	4.14	2.97
		velocity		6.43	9.71	10.00	10.15	9.76	9.66	8.90	7.25	10.10
Baptiste, Kelly-Ann (TTO) (1986)	time		3.20	4.23	5.23	7.20	9.24	11.33	11.33	/ 7		
reaction time	0.164	interval		1.03	1.00	1.97	2.04	2.09		# of strides	4.23	2.97
		velocity		6.25	9.71	10.00	10.15	9.80	9.57	8.83	7.09	10.10
Sailer, Verena (GER) (1985)	time		3.19	4.23	5.24	7.24	9.31	11.41	11.41	/ 8		
reaction time	0.171	interval		1.04	1.01	2.00	2.07	2.10		# of strides	4.23	3.01
		velocity		6.27	9.62	9.90	10.00	9.66	9.52	8.76	7.09	9.97
Harrigan, Tahesia (IVB) (1982)	time		3.17	4.22	5.23	7.26	9.35	11.47	11.47	/ 9		
reaction time	0.180	interval		1.05	1.01	2.03	2.09	2.12		# of strides	4.22	3.04
		velocity		6.31	9.52	9.90	9.85	9.57	9.43	8.72	7.11	9.87

B FINAL

FINAL

	date	14-Jun-09	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
Anim, Vida (GHA) (1983)	time					3.22	4.28	5.30		7.33		9.39		11.46	11.46	/ 1			
	reaction time	0.164	interval				1.06	1.02		2.03		2.06		2.07		# of strides	4.28	3.05	
			velocity			6.21	9.43	9.80		9.85		9.71		9.66	8.73		7.01	9.84	
Turner, Laura (GBR) (1982)	time					3.21	4.26	5.28		7.31		9.38		11.46	11.46	/ 2			
	reaction time	0.175	interval				1.05	1.02		2.03		2.07		2.08		# of strides	4.26	3.05	
			velocity			6.23	9.52	9.80		9.85		9.66		9.62	8.73		7.04	9.84	
Louami, Carima (FRA) (1979)	time					3.27	4.33	5.35		7.38		9.46		11.56	11.56	/ 3			
	reaction time	0.168	interval				1.06	1.02		2.03		2.08		2.10		# of strides	4.33	3.05	
			velocity			6.12	9.43	9.80		9.85		9.62		9.52	8.65		6.93	9.84	
Thomas, Kadi-Ann (GBR) (1986)	time					3.28	4.34	5.36		7.39		9.47		11.59	11.59	/ 4			
	reaction time	0.192	interval				1.06	1.02		2.03		2.08		2.12		# of strides	4.34	3.05	
			velocity			6.10	9.43	9.80		9.85		9.62		9.43	8.63		6.91	9.84	
Wagner, Marion (GER) (1978)	time					3.28	4.34	5.36		7.38		9.47		11.61	11.61	/ 5			
	reaction time	0.177	interval				1.06	1.02		2.02		2.09		2.14		# of strides	4.34	3.04	
			velocity			6.10	9.43	9.80		9.90		9.57		9.35	8.61		6.91	9.87	
Tschirch, Cathleen (GER) (1979)	time					3.27	4.34	5.38		7.43		9.52		11.61	11.61	/ 6			
	reaction time	0.168	interval				1.07	1.04		2.05		2.09		2.09		# of strides	4.34	3.09	
			velocity			6.12	9.35	9.62		9.76		9.57		9.57	8.61		6.91	9.71	
Möllinger, Anne (GER) (1985)	time					3.36	4.42	5.45		7.48		9.53		11.62	11.62	/ 7			
	reaction time	0.177	interval				1.06	1.03		2.03		2.05		2.09		# of strides	4.42	3.06	
			velocity			5.95	9.43	9.71		9.85		9.76		9.57	8.61		6.79	9.80	
Brzezińska, Iwona (POL) (1986)	time					3.26	4.32	5.35		7.41		9.52		11.65	11.65	/ 8			
	reaction time	0.186	interval				1.06	1.03		2.06		2.11		2.13		# of strides	4.32	3.09	
			velocity			6.13	9.43	9.71		9.71		9.48		9.39	8.58		6.94	9.71	
Jacques-Sébastien, Lina (FRA) (1982)	time					3.28	4.35	5.39		7.44		9.55		11.69	11.69	/ 9			
	reaction time	0.148	interval				1.07	1.04		2.05		2.11		2.14		# of strides	4.35	3.09	
			velocity			6.10	9.35	9.62		9.76		9.48		9.35	8.55		6.90	9.71	

C FINAL

FINAL	date		14-Jun-09		wind 0.9 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	
Freeman, Emily (GBR) (1980)	time				3.22	4.25	5.24			7.22		9.25		11.33	11.33	/ 1				
	reaction time	0.220	interval			1.03	0.99			1.98		2.03		2.08	PB	# of strides	4.25	2.97		
			velocity		6.21	9.71	10.10			10.10		9.85		9.62	8.83		7.06	10.10		
Nelson, Ashleigh (GBR) (1991)	time				3.24	4.27	5.27			7.25		9.28		11.36	11.36	/ 2				
	reaction time	0.247	interval			1.03	1.00			1.98		2.03		2.08	PB	# of strides	4.27	2.98		
			velocity		6.17	9.71	10.00			10.10		9.85		9.62	8.80		7.03	10.07		

	reaction time	0.180	interval		1.01	0.97	0.96	0.97	0.94	0.97	1.98		# of strides	4.15	2.90	
			velocity		6.37	9.90	10.31	10.42	10.31	10.64	10.31	10.10	9.14	49.6	7.23	10.34
Stewart, Kerron (JAM) (1984)	time			3.19	4.21	5.19	6.16	7.14	8.09	9.06	11.06	11.06		5 / 2		
	reaction time	0.169	interval		1.02	0.98	0.97	0.98	0.95	0.97	2.00		# of strides	4.21	2.93	
			velocity	6.27	9.80	10.20	10.31	10.20	10.53	10.31	10.00	9.04		47.8	7.13	10.24
Hooker, Marshevet (USA) (1984)	time			3.20	4.22	5.21	6.18	7.16	8.11	9.08	11.06	11.06		7 / 3		
	reaction time	0.152	interval		1.02	0.99	0.97	0.98	0.95	0.97	1.98		# of strides	4.22	2.94	
			velocity	6.25	9.80	10.10	10.31	10.20	10.53	10.31	10.10	9.04		47.4	7.11	10.20
Jeter, Carmelita (USA) (1979)	time			3.25	4.29	5.29	6.27	7.27	8.23	9.21	11.21	11.21		8 / 4		
	reaction time	0.171	interval		1.04	1.00	0.98	1.00	0.96	0.98	2.00		# of strides	4.29	2.98	
			velocity	6.15	9.62	10.00	10.20	10.00	10.42	10.20	10.00	8.92		6.99	10.07	
Edwards, Torri (USA) (1977)	time			3.22	4.25	5.24	6.22	7.21	8.18	9.17	11.22	11.22		6 / 5		
	reaction time	0.153	interval		1.03	0.99	0.98	0.99	0.97	0.99	2.05		# of strides	4.25	2.96	
			velocity	6.21	9.71	10.10	10.20	10.10	10.31	10.10	9.76	8.91		7.06	10.14	
Williams, Lauryn (USA) (1983)	time			3.20	4.23	5.23	6.21	7.22	8.19	9.18	11.22	11.22		4 / 6		
	reaction time	0.154	interval		1.03	1.00	0.98	1.01	0.97	0.99	2.04		# of strides	4.23	2.99	
			velocity	6.25	9.71	10.00	10.20	9.90	10.31	10.10	9.80	8.91		7.09	10.03	
Sturup, Chandra (BAH) (1971)	time			3.15	4.18	5.17	6.15	7.15	8.13	9.14	11.23	11.23		1 / 7		
	reaction time	0.136	interval		1.03	0.99	0.98	1.00	0.98	1.01	2.09		# of strides	4.18	2.97	
			velocity	6.35	9.71	10.10	10.20	10.00	10.20	9.90	9.57	8.90		7.18	10.10	
Ferguson-McKenzie, Debbie (BA)	time			3.20	4.24	5.25	6.25	7.25	8.22	9.22	11.25	11.25		2 / 8		
	reaction time	0.155	interval		1.04	1.01	1.00	1.00	0.97	1.00	2.03		# of strides	4.24	3.01	
			velocity	6.25	9.62	9.90	10.00	10.00	10.31	10.00	9.85	8.89		7.08	9.97	

2008 Olympic Games (Beijing, CHN)

FINAL

	date	17-Aug-08	wind	0.0 m/s															
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
	Fraser, Shelly-Ann (JAM) (1986)	0.190	no information available										10.78	4 / 1	# of strides	49.7			
	Simpson, Sherone (JAM) (1984)	0.155	no information available										10.98	2 / 2	# of strides	49.2			
	Stewart, Kerron (JAM) (1984)	0.232	no information available										10.98	7 / 2	# of strides	48.0			
	Williams, Lauryn (USA) (1983)	0.149	no information available										11.03	8 / 4	# of strides	52.7			
	Lee, Muna (USA) (1983)	0.234	no information available										11.07	5 / 5	# of strides	47.2			
	Kwakyie, Jeanette (GBR) (1983)	0.161	no information available										PB 11.14	9 / 6	# of strides	50.7			
	Ferguson McKenzie, Debbie (BA)	0.167	no information available										11.19	3 / 7	# of strides	48.7			
	Edwards, Torri (USA) (1977)	0.179	no information available										11.20	6 / 8	# of strides	51.0			

2008 Japanese National High School Championships (Kumagaya, JPN)

FINAL

date	30-Jul-08	wind	0.4 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	
Kageyama, Megumi (JPN) (1990)	time	2.18	3.35	4.43	5.49	6.53	7.58	8.63	9.69	10.77	11.87	11.87	/ 1				
reaction time	interval		1.17	1.08	1.06	1.04	1.05	1.05	1.06	1.08	1.10	PB	# of strides	4.43	3.15	3.19	
	velocity	9.17	8.55	9.26	9.43	9.62	9.52	9.52	9.43	9.26	9.09	8.42		6.77	9.52	9.40	
Seko, Nodoka (JPN) (1991)	time	2.13	3.31	4.39	5.44	6.48	7.54	8.60	9.68	10.78	11.92	11.92	/ 2				
reaction time	interval		1.18	1.08	1.05	1.04	1.06	1.06	1.08	1.10	1.14		# of strides	4.39	3.15	3.24	
	velocity	9.39	8.47	9.26	9.52	9.62	9.43	9.43	9.26	9.09	8.77	8.39		6.83	9.52	9.26	
Watanabe, Misato (JPN) (1990)	time	2.15	3.34	4.44	5.50	6.55	7.60	8.66	9.73	10.82	11.93	11.93	/ 4				
reaction time	interval		1.19	1.10	1.06	1.05	1.05	1.06	1.07	1.09	1.11		# of strides	4.44	3.16	3.22	
	velocity	9.30	8.40	9.09	9.43	9.52	9.52	9.43	9.35	9.17	9.01	8.38		6.76	9.49	9.32	
Fujita, Haruka (JPN) (1992)	time	2.09	3.28	4.37	5.43	6.48	7.54	8.62	9.70	10.80	11.93	11.93	/ 5				
reaction time	interval		1.19	1.09	1.06	1.05	1.06	1.08	1.08	1.10	1.13	PB	# of strides	4.37	3.17	3.26	
	velocity	9.57	8.40	9.17	9.43	9.52	9.43	9.26	9.26	9.09	8.85	8.38		6.86	9.46	9.20	
Tachiyama, Kie (JPN) (1990)	time	2.10	3.29	4.39	5.45	6.50	7.56	8.63	9.72	10.83	11.96	11.96	/ 6				
reaction time	interval		1.19	1.10	1.06	1.05	1.06	1.07	1.09	1.11	1.13		# of strides	4.39	3.17	3.27	
	velocity	9.52	8.40	9.09	9.43	9.52	9.43	9.35	9.17	9.01	8.85	8.36		6.83	9.46	9.17	

2008 Windsprint (Sundsvall, SWE)

FINAL

date	06-Jul-08	wind	1.0 m/s	(2008) - www.ssg.se/en/Windsprint/Split-times/													
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Okpareabeo, Ezinne (NOR) (1988)	time			4.22			7.24		9.29		11.42	11.42	5 / 1				
reaction time	interval						3.02		2.05		2.13		# of strides	4.22	3.02		
	velocity			7.11			9.93		9.76		9.39	8.76		7.11	9.93		
McLaughlin, Anneisha (JAM) (19)	time			4.32			7.34		9.46		11.60	11.60	6 / 2				

reaction time	interval		3.02	2.12	2.14		# of strides	4.32	3.02
	velocity	6.94	9.93	9.43	9.35	8.62		6.94	9.93
Harmon, Donita (USA) (1983)	time	4.38	7.42	9.53	11.63	11.63	2 / 3		
reaction time	interval		3.04	2.11	2.10		# of strides	4.38	3.04
	velocity	6.85	9.87	9.48	9.52	8.60		6.85	9.87
Berntsson, Lena (SWE) (1978)	time	4.26	7.32	9.47	11.67	11.67	1 / 4		
reaction time	interval		3.06	2.15	2.20		# of strides	4.26	3.06
	velocity	7.04	9.80	9.30	9.09	8.57		7.04	9.80
Pillay, Geraldine (RSA) (1977)	time	4.38	7.41	9.53	11.68	11.68	3 / 5		
reaction time	interval		3.03	2.12	2.15		# of strides	4.38	3.03
	velocity	6.85	9.90	9.43	9.30	8.56		6.85	9.90
Neal, Tangelia (USA) (1979)	time	4.27	7.32	9.45	11.70	11.70	4 / 6		
reaction time	interval		3.05	2.13	2.25		# of strides	4.27	3.05
	velocity	7.03	9.84	9.39	8.89	8.55		7.03	9.84
Skugge, Julia (SWE) (1988)	time	4.42	7.57	9.70	11.90	11.90	7 / 7		
reaction time	interval		3.15	2.13	2.20		# of strides	4.42	3.15
	velocity	6.79	9.52	9.39	9.09	8.40		6.79	9.52

2008 Nambu Chuhei Memorial (Hakodate, JPN)**FINAL**

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
Fukushima, Chisato (JPN) (1988)	time		2.06	3.20	4.24	5.25	6.25	7.26	8.28	9.32	10.40	11.49	11.49	/ 1			
	reaction time	interval		1.14	1.04	1.01	1.00	1.01	1.02	1.04	1.08	1.09		# of strides	4.24	3.02	3.14
		velocity	4.85	8.77	9.62	9.90	10.00	9.90	9.80	9.62	9.26	9.17	8.70		7.08	9.93	9.55
Takahashi, Momoko (JPN) (1988)	time		2.14	3.31	4.37	5.40	6.40	7.40	8.41	9.44	10.49	11.55	11.55	/ 2			
	reaction time	interval		1.17	1.06	1.03	1.00	1.00	1.01	1.03	1.05	1.06		# of strides	4.37	3.03	3.09
		velocity	4.67	8.55	9.43	9.71	10.00	10.00	9.90	9.71	9.52	9.43	8.66		6.86	9.90	9.71

B FINAL

FINAL	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
Setogochi, Nagisa (JPN) (1979)	time		2.09	3.26	4.34	5.40	6.44	7.50	8.57	9.66	10.78	11.93	11.93	/ 1			
	reaction time	interval		1.17	1.08	1.06	1.04	1.06	1.07	1.09	1.12	1.15		# of strides	4.34	3.16	3.28
		velocity	4.78	8.55	9.26	9.43	9.62	9.43	9.35	9.17	8.93	8.70	8.38		6.91	9.49	9.15
Nagakura, Yuka (JPN) (1987)	time		2.17	3.38	4.50	5.57	6.64	7.72	8.81	9.91	11.02	12.16	12.16	???			
	reaction time	interval		1.21	1.12	1.07	1.07	1.08	1.09	1.10	1.11	1.14		# of strides	4.50	3.22	3.30
		velocity	4.61	8.26	8.93	9.35	9.35	9.26	9.17	9.09	9.01	8.77	8.22		6.67	9.32	9.09

Heat 2

eat 2

date	06-Jul-08	wind	1.7 m/s	Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nobuoka, Sakie (JPN) (1977)	time	2.13	3.30	4.38	5.43	6.46	7.49	8.53	9.58	10.65	11.73	11.73	/ 1			
reaction time	interval		1.17	1.08	1.05	1.03	1.03	1.04	1.05	1.07	1.08		# of strides	4.38	3.11	3.16
	velocity	4.69	8.55	9.26	9.52	9.71	9.71	9.62	9.52	9.35	9.26	8.53		6.85	9.65	9.49
Ota, Tomoko (JPN) (1977)	time	2.09	3.25	4.32	5.38	6.42	7.46	8.51	9.57	10.66	11.78	11.78	/ 2			
reaction time	interval		1.16	1.07	1.06	1.04	1.04	1.05	1.06	1.09	1.12		# of strides	4.32	3.14	3.20
	velocity	4.78	8.62	9.35	9.43	9.62	9.62	9.52	9.43	9.17	8.93	8.49		6.94	9.55	9.38

Heat 1

heat 1	date	06-Jul-08	wind	1.1 m/sAkirabun (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
Fukushima, Chisato (JPN) (1988)	time		2.07	3.22	4.28	5.32	6.35	7.37	8.39	9.42	10.48	11.56	11.56	/ 1			
	reaction time	interval		1.15	1.06	1.04	1.03	1.02	1.02	1.03	1.06	1.08		# of strides	4.28	3.09	3.11
		velocity	4.83	8.70	9.43	9.62	9.71	9.80	9.80	9.71	9.43	9.26	8.65		7.01	9.71	9.65
Takahashi, Momoko (JPN) (1988)	time		2.13	3.31	4.39	5.43	6.46	7.48	8.50	9.53	10.57	11.64	11.64	/ 2			
	reaction time	interval		1.18	1.08	1.04	1.03	1.02	1.02	1.03	1.04	1.07		# of strides	4.39	3.09	3.09
		velocity	4.69	8.47	9.26	9.62	9.71	9.80	9.80	9.71	9.62	9.35	8.59		6.83	9.71	9.71

2008 German National Championships (Nurnberg, GER)**FINAL**

Seeger (2010) - DLV B-Trainer Ausbildung - sprint																
date	05-Jul-08	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
Sailer, Verena (GER) (1985)	time		3.17	4.21	5.21		7.21		9.22		11.28	11.28	/ 1			
reaction time	interval			1.04	1.00		2.00		2.01		2.06		# of strides	4.21	3.00	
	velocity		6.31	9.62	10.00		10.00		9.95		9.71	8.87		7.13	10.00	

2008 Japanese National Championships (Kawasaki, JPN)**FINAL**

date	29-Jun-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	

velocity	4.88	8.93	9.80	10.20	10.10	10.75	10.42	10.00	9.90	9.90	9.03	51.7	7.16	10.34	10.10
Anderson, Alexandria (USA) (1981) time	2.14	3.24	4.22	5.24	6.20	7.16	8.07	9.08	10.07	11.07	11.07	2 / 7			
reaction time interval		1.10	0.98	1.02	0.96	0.96	0.91	1.01	0.99	1.00	PB	# of strides	4.22	2.94	2.91
velocity	4.67	9.09	10.20	9.80	10.42	10.42	10.99	9.90	10.10	10.00	9.03	46.5	7.11	10.20	10.31
Solomon, Shalonda (USA) (1985) time	2.09	3.19	4.24	5.24	6.21	7.16	8.18	9.13	10.16	11.18	11.18	8 / 8			
reaction time interval		1.10	1.05	1.00	0.97	0.95	1.02	0.95	1.03	1.02		# of strides	4.24	2.92	3.00
velocity	4.78	9.09	9.52	10.00	10.31	10.53	9.80	10.53	9.71	9.80	8.94	49.2	7.08	10.27	10.00

Semi-Final 1

date	28-Jun-08	wind	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
1980)	time	2.12	3.22	4.27	5.26	6.16	7.07	7.98	8.96	9.93	10.89	10.89	4 / 1			
	interval		1.10	1.05	0.99	0.90	0.91	0.91	0.98	0.97	0.96		# of strides	4.27	2.80	2.86
	velocity	4.72	9.09	9.52	10.10	11.11	10.99	10.99	10.20	10.31	10.42	9.18	47.2	7.03	10.71	10.49
	time	2.09	3.17	4.15	5.18	6.10	7.04	7.94	8.93	9.88	10.91	10.91	3 / 2			
	interval		1.08	0.98	1.03	0.92	0.94	0.90	0.99	0.95	1.03		# of strides	4.15	2.89	2.84
	velocity	4.78	9.26	10.20	9.71	10.87	10.64	11.11	10.10	10.53	9.71	9.17	45.2	7.23	10.38	10.56
33)	time	2.09	3.19	4.20	5.16	6.09	7.05	7.96	8.94	9.95	10.92	10.92	5 / 3			
	interval		1.10	1.01	0.96	0.93	0.96	0.91	0.98	1.01	0.97		# of strides	4.20	2.85	2.90
	velocity	4.78	9.09	9.90	10.42	10.75	10.42	10.99	10.20	9.90	10.31	9.16	51.0	7.14	10.53	10.34
30)	time	2.00	3.10	4.11	5.11	6.02	6.99	7.91	8.89	9.89	10.92	10.92	2 / 4			
	interval		1.10	1.01	1.00	0.91	0.97	0.92	0.98	1.00	1.03		# of strides	4.11	2.88	2.90
	velocity	5.00	9.09	9.90	10.00	10.99	10.31	10.87	10.20	10.00	9.71	9.16	49.0	7.30	10.42	10.34
)	time	2.14	3.22	4.24	5.24	6.16	7.14	8.08	9.06	10.11	11.09	11.09	7 / 5			
	interval		1.08	1.02	1.00	0.92	0.98	0.94	0.98	1.05	0.98		# of strides	4.24	2.90	2.97
	velocity	4.67	9.26	9.80	10.00	10.87	10.20	10.64	10.20	9.52	10.20	9.02	50.2	7.08	10.34	10.10
5)	time	2.04	3.17	4.18	5.17	6.12	7.11	8.10	9.09	10.09	11.13	11.13	6 / 6			
	interval		1.13	1.01	0.99	0.95	0.99	0.99	0.99	1.00	1.04		# of strides	4.18	2.93	2.98
	velocity	4.90	8.85	9.90	10.10	10.53	10.10	10.10	10.10	10.00	9.62	8.98	49.0	7.18	10.24	10.07
1981)	time	2.04	3.15	4.17	5.18	6.14	7.13	8.11	9.10	10.18	11.24	11.24	1 / 7			
	interval		1.11	1.02	1.01	0.96	0.99	0.98	0.99	1.08	1.06		# of strides	4.17	2.96	3.05
	velocity	4.90	9.01	9.80	9.90	10.42	10.10	10.20	10.10	9.26	9.43	8.90	47.2	7.19	10.14	9.84
	time	2.09	3.19	4.22	5.23	6.20	7.19	8.19	9.21	10.26	11.31	11.31	8 / 8			
	interval		1.10	1.03	1.01	0.97	0.99	1.00	1.02	1.05	1.05		# of strides	4.22	2.97	3.07
	velocity	4.78	9.09	9.71	9.90	10.31	10.10	10.00	9.80	9.52	9.52	8.84	53.7	7.11	10.10	9.77

Quarter-Final 3

date 27-Jun-08		wind 2.3 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
)	time	2.05	3.10	4.12	5.11	5.99	6.95	7.91	8.86	9.82	10.85	10.85	3 / 1			
	interval		1.05	1.02	0.99	0.88	0.96	0.96	0.95	0.96	1.03		# of strides	4.12	2.83	2.87
	velocity	4.88	9.52	9.80	10.10	11.36	10.42	10.42	10.53	10.42	9.71	9.22		7.28	10.60	10.45
	time	2.09	3.18	4.17	5.14	6.05	7.04	7.99	8.94	9.97	10.89	10.89	5 / 2			
	interval		1.09	0.99	0.97	0.91	0.99	0.95	0.95	1.03	0.92		# of strides	4.17	2.87	2.93
	velocity	4.78	9.17	10.10	10.31	10.99	10.10	10.53	10.53	9.71	10.87	9.18		7.19	10.45	10.24
5)	time	2.02	3.12	4.14	5.13	6.04	7.04	8.01	9.03	10.01	11.02	11.02	4 / 3			
	interval		1.10	1.02	0.99	0.91	1.00	0.97	1.02	0.98	1.01		# of strides	4.14	2.90	2.97
	velocity	4.95	9.09	9.80	10.10	10.99	10.00	10.31	9.80	10.20	9.90	9.07		7.25	10.34	10.10
(1983)	time	2.15	3.25	4.27	5.27	6.21	7.17	8.14	9.08	10.03	11.04	11.04	6 / 4			
	interval		1.10	1.02	1.00	0.94	0.96	0.97	0.94	0.95	1.01		# of strides	4.27	2.90	2.86
	velocity	4.65	9.09	9.80	10.00	10.64	10.42	10.31	10.64	10.53	9.90	9.06		7.03	10.34	10.49
9)	time	2.07	3.19	4.19	5.17	6.15	7.14	8.13	9.09	10.11	11.10	11.10	7 / 5			
	interval		1.12	1.00	0.98	0.98	0.99	0.99	0.96	1.02	0.99		# of strides	4.19	2.95	2.97
	velocity	4.83	8.93	10.00	10.20	10.20	10.10	10.10	10.42	9.80	10.10	9.01		7.16	10.17	10.10
	time	2.08	3.18	4.22	5.22	6.19	7.16	8.13	9.14	10.13	11.17	11.17	1 / 6			
	interval		1.10	1.04	1.00	0.97	0.97	0.97	1.01	0.99	1.04		# of strides	4.22	2.94	2.97
	velocity	4.81	9.09	9.62	10.00	10.31	10.31	10.31	9.90	10.10	9.62	8.95		7.11	10.20	10.10
979)	time	2.10	3.24	4.26	5.24	6.20	7.16	8.13	9.13	10.17	11.19	11.19	2 / 7			
	interval		1.14	1.02	0.98	0.96	0.96	0.97	1.00	1.04	1.02		# of strides	4.26	2.90	3.01
	velocity	4.76	8.77	9.80	10.20	10.42	10.42	10.31	10.00	9.62	9.80	8.94		7.04	10.34	9.97
82)	time	2.09	3.19	4.26	5.26	6.26	7.22	8.24	9.26	10.23	11.26	11.26	8 / 8			

reaction time	interval	1.10	1.07	1.00	1.00	0.96	1.02	1.02	0.97	1.03		# of strides	4.26	2.96	3.01
velocity	4.78	9.09	9.35	10.00	10.00	10.42	9.80	9.80	10.31	9.71	8.88		7.04	10.14	9.97

Quarter-Final 2

date 27-Jun-08

wind 0.7 m/s

USATF Women's Sprint Development with HPC (2008)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jeter, Carmelita (USA) (1979)	time	2.12	3.22	4.20	5.18	6.14	7.11	8.08	9.03	9.98	10.97	10.97	3 / 1			
reaction time	interval		1.10	0.98	0.98	0.96	0.97	0.97	0.95	0.95	0.99	PB	# of strides	4.20	2.91	2.87
	velocity	4.72	9.09	10.20	10.20	10.42	10.31	10.31	10.53	10.53	10.10	9.12		7.14	10.31	10.45
Felix, Allyson (USA) (1985)	time	2.10	3.22	4.22	5.20	6.14	7.11	8.06	9.01	9.94	10.98	10.98	4 / 2			
reaction time	interval		1.12	1.00	0.98	0.94	0.97	0.95	0.95	0.93	1.04		# of strides	4.22	2.89	2.83
	velocity	4.76	8.93	10.00	10.20	10.64	10.31	10.53	10.53	10.75	9.62	9.11		7.11	10.38	10.60
Williams, Angela (USA) (1980)	time	2.07	3.18	4.18	5.14	6.14	7.06	8.04	9.08	10.02	11.06	11.06	6 / 3			
reaction time	interval		1.11	1.00	0.96	1.00	0.92	0.98	1.04	0.94	1.04		# of strides	4.18	2.88	2.96
	velocity	4.83	9.01	10.00	10.42	10.00	10.87	10.20	9.62	10.64	9.62	9.04		7.18	10.42	10.14
Knight, Bianca (USA) (1989)	time	2.14	3.24	4.23	5.22	6.16	7.12	8.13	9.07	10.07	11.07	11.07	5 / 4			
reaction time	interval		1.10	0.99	0.99	0.94	0.96	1.01	0.94	1.00	1.00	PB	# of strides	4.23	2.89	2.95
	velocity	4.67	9.09	10.10	10.10	10.64	10.42	9.90	10.64	10.00	10.00	9.03		7.09	10.38	10.17
Weatherspoon, Alexis (USA) (1985)	time	2.06	3.17	4.16	5.15	6.12	7.12	8.08	9.04	10.07	11.08	11.08	2 / 5			
reaction time	interval		1.11	0.99	0.99	0.97	1.00	0.96	0.96	1.03	1.01	PB	# of strides	4.16	2.96	2.95
	velocity	4.85	9.01	10.10	10.10	10.31	10.00	10.42	10.42	9.71	9.90	9.03		7.21	10.14	10.17
Solomon, Shalonda (USA) (1985)	time	2.09	3.24	4.25	5.22	6.11	7.17	8.16	9.14	10.12	11.16	11.16	7 / 6			
reaction time	interval		1.15	1.01	0.97	0.89	1.06	0.99	0.98	0.98	1.04		# of strides	4.25	2.92	2.95
	velocity	4.78	8.70	9.90	10.31	11.24	9.43	10.10	10.20	10.20	9.62	8.96		7.06	10.27	10.17
Gaines, Chryste (USA) (1970)	time	2.09	3.25	4.26	5.26	6.23	7.20	8.20	9.22	10.22	11.24	11.24	8 / 7			
reaction time	interval		1.16	1.01	1.00	0.97	0.97	1.00	1.02	1.00	1.02		# of strides	4.26	2.94	3.02
	velocity	4.78	8.62	9.90	10.00	10.31	10.31	10.00	9.80	10.00	9.80	8.90		7.04	10.20	9.93
Barber, Mikele (USA) (1980)	time	2.12	3.22	4.28	5.28	6.25	7.21	8.18	9.18	10.16	11.29	11.29	1 / 8			
reaction time	interval		1.10	1.06	1.00	0.97	0.96	0.97	1.00	0.98	1.13		# of strides	4.28	2.93	2.95
	velocity	4.72	9.09	9.43	10.00	10.31	10.42	10.31	10.00	10.20	8.85	8.86		7.01	10.24	10.17

Quarter-Final 1

date 27-Jun-08

wind 3.4 m/s

USATF Women's Sprint Development with HPC (2008)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hooker, Marshevet (USA) (1980)	time	2.10	3.20	4.20	5.14	6.06	6.99	7.92	8.84	9.75	10.76	10.76	4 / 1			
reaction time	interval		1.10	1.00	0.94	0.92	0.93	0.93	0.92	0.91	1.01		# of strides	4.20	2.79	2.76
	velocity	4.76	9.09	10.00	10.64	10.87	10.75	10.75	10.87	10.99	9.90	9.29		7.14	10.75	10.87
Williams, Lauryn (USA) (1983)	time	2.11	3.16	4.16	5.13	6.04	6.97	7.94	8.87	9.84	10.86	10.86	5 / 2			
reaction time	interval		1.05	1.00	0.97	0.91	0.93	0.97	0.93	0.97	1.02		# of strides	4.16	2.81	2.87
	velocity	4.74	9.52	10.00	10.31	10.99	10.75	10.31	10.75	10.31	9.80	9.21		7.21	10.68	10.45
Lewis, Mechelle (USA) (1980)	time	2.20	3.12	4.14	5.11	6.04	6.99	7.94	8.94	9.89	10.95	10.95	3 / 3			
reaction time	interval		0.92	1.02	0.97	0.93	0.95	0.95	1.00	0.95	1.06		# of strides	4.14	2.85	2.90
	velocity	4.55	10.87	9.80	10.31	10.75	10.53	10.53	10.00	10.53	9.43	9.13		7.25	10.53	10.34
Anderson, Alexandria (USA) (1982)	time	2.14	3.24	4.25	5.22	6.14	7.07	8.04	8.99	9.96	10.98	10.98	6 / 4			
reaction time	interval		1.10	1.01	0.97	0.92	0.93	0.97	0.95	0.97	1.02		# of strides	4.25	2.82	2.89
	velocity	4.67	9.09	9.90	10.31	10.87	10.75	10.31	10.53	10.31	9.80	9.11		7.06	10.64	10.38
Joyce, Alexis (USA) (1983)	time	2.06	3.14	4.18	5.17	6.12	7.09	8.06	9.06	10.08	11.16	11.16	7 / 5			
reaction time	interval		1.08	1.04	0.99	0.95	0.97	0.97	1.00	1.02	1.08		# of strides	4.18	2.91	2.99
	velocity	4.85	9.26	9.62	10.10	10.53	10.31	10.31	10.00	9.80	9.26	8.96		7.18	10.31	10.03
Roseby, Hasani (USA) (1982)	time	2.08	3.20	4.20	5.21	6.19	7.14	8.11	9.18	10.14	11.19	11.19	8 / 6			
reaction time	interval		1.12	1.00	1.01	0.98	0.95	0.97	1.07	0.96	1.05		# of strides	4.20	2.94	3.00
	velocity	4.81	8.93	10.00	9.90	10.20	10.53	10.31	9.35	10.42	9.52	8.94		7.14	10.20	10.00
Layne, Lynne (USA) (1988)	time	2.07	3.20	4.23	5.21	6.19	7.19	8.16	9.21	10.19	11.27	11.27	1 / 7			
reaction time	interval		1.13	1.03	0.98	0.98	1.00	0.97	1.05	0.98	1.08		# of strides	4.23	2.96	3.00
	velocity	4.83	8.85	9.71	10.20	10.20	10.00	10.31	9.52	10.20	9.26	8.87		7.09	10.14	10.00
Jordan, Victoria (USA) (1990)	time	2.11	3.22	4.27	5.23	6.21	7.21	8.21	9.18	10.17	11.29	11.29	2 / 8			
reaction time	interval		1.11	1.05	0.96	0.98	1.00	1.00	0.97	0.99	1.12		# of strides	4.27	2.94	2.96
	velocity	4.74	9.01	9.52	10.42	10.20	10.00	10.00	10.31	10.10	8.93	8.86		7.03	10.20	10.14

Heat 5

date 27-Jun-08

wind 2.2 m/s

USATF Women's Sprint Development with HPC (2008)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hooker, Marshevet (USA) (1980)	time	2.11	3.22	4.22	5.17	6.13	7.07	8.03	8.99	9.93	10.94	10.94	2 / 1			
reaction time	interval		1.11	1.00	0.95	0.96	0.94	0.96	0.96	0.94	1.01		# of strides	4.22	2.85	2.86

reaction time	interval	1.16	1.07	1.00	0.97	1.03	1.00	1.02	1.08	1.04		# of strides	4.34	3.00	3.10
velocity	4.74	8.62	9.35	10.00	10.31	9.71	10.00	9.80	9.26	9.62	8.71		6.91	10.00	9.68
Miller, Scottesha (USA) (1988)	time	2.08	3.29	4.35	5.38	6.39	7.39	8.44	9.43	10.52	11.62	11.62	2 / 7		
reaction time	interval	1.21	1.06	1.03	1.01	1.00	1.05	0.99	1.09	1.10		# of strides	4.35	3.04	3.13
velocity	4.81	8.26	9.43	9.71	9.90	10.00	9.52	10.10	9.17	9.09	8.61		6.90	9.87	9.58

Heat 2

date 27-Jun-08		wind 3.5 m/s	USATF Women's Sprint Development with HPC (2008)														
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
5)	time	2.14	3.25	4.24	5.21	6.17	7.11	8.06	9.04	9.99	11.01	11.01	8 / 1				
	interval		1.11	0.99	0.97	0.96	0.94	0.95	0.98	0.95	1.02		# of strides	4.24	2.87	2.88	
	velocity	4.67	9.01	10.10	10.31	10.42	10.64	10.53	10.20	10.53	9.80	9.08		7.08	10.45	10.42	
	time	2.15	3.14	4.17	5.17	6.11	7.11	8.07	9.07	10.09	11.10	11.10	7 / 2				
	interval		0.99	1.03	1.00	0.94	1.00	0.96	1.00	1.02	1.01		# of strides	4.17	2.94	2.98	
	velocity	4.65	10.10	9.71	10.00	10.64	10.00	10.42	10.00	9.80	9.90	9.01		7.19	10.20	10.07	
	time	2.08	3.21	4.19	5.18	6.16	7.16	8.11	9.14	10.21	11.18	11.18	2 / 3				
	interval		1.13	0.98	0.99	0.98	1.00	0.95	1.03	1.07	0.97		# of strides	4.19	2.97	3.05	
	velocity	4.81	8.85	10.20	10.10	10.20	10.00	10.53	9.71	9.35	10.31	8.94		7.16	10.10	9.84	
	time	2.04	3.12	4.16	5.14	6.11	7.12	8.11	9.12	10.19	11.21	11.21	3 / 4				
	interval		1.08	1.04	0.98	0.97	1.01	0.99	1.01	1.07	1.02		# of strides	4.16	2.96	3.07	
	velocity	4.90	9.26	9.62	10.20	10.31	9.90	10.10	9.90	9.35	9.80	8.92		7.21	10.14	9.77	
	time	2.15	3.27	4.30	5.32	6.29	7.26	8.26	9.30	10.31	11.38	11.38	5 / 5				
	interval		1.12	1.03	1.02	0.97	0.97	1.00	1.04	1.01	1.07		# of strides	4.30	2.96	3.05	
	velocity	4.65	8.93	9.71	9.80	10.31	10.31	10.00	9.62	9.90	9.35	8.79		6.98	10.14	9.84	
81)	time	2.07	3.19	4.24	5.26	6.24	7.26	8.26	9.29	10.28	11.42	11.42	6 / 6				
	interval		1.12	1.05	1.02	0.98	1.02	1.00	1.03	0.99	1.14		# of strides	4.24	3.02	3.02	
	velocity	4.83	8.93	9.52	9.80	10.20	9.80	10.00	9.71	10.10	8.77	8.76		7.08	9.93	9.93	
	time	2.07	3.17	4.22	5.31	6.35	7.47	8.57	9.79	10.99	12.44	12.44	4 / 7				
	interval		1.10	1.05	1.09	1.04	1.12	1.10	1.22	1.20	1.45		# of strides	4.22	3.25	3.52	
985)	velocity	4.83	9.09	9.52	9.17	9.62	8.93	9.09	8.20	8.33	6.90	8.04		7.11	9.23	8.52	

Heat 1

date	27-Jun-08	wind	1.8 m/s	USATF Women's Sprint Development with HPC (2008)												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
	time	2.09	3.18	4.19	5.14	6.12	7.09	8.04	9.00	9.97	11.00	11.00	7 / 1			
	interval		1.09	1.01	0.95	0.98	0.97	0.95	0.96	0.97	1.03		# of strides	4.19	2.90	2.88
	velocity	4.78	9.17	9.90	10.53	10.20	10.31	10.53	10.42	10.31	9.71	9.09		7.16	10.34	10.42
33)	time	2.07	3.16	4.17	5.16	6.12	7.08	8.03	9.03	10.02	11.03	11.03	4 / 2			
	interval		1.09	1.01	0.99	0.96	0.96	0.95	1.00	0.99	1.01		# of strides	4.17	2.91	2.94
	velocity	4.83	9.17	9.90	10.10	10.42	10.42	10.53	10.00	10.10	9.90	9.07		7.19	10.31	10.20
9)	time	2.05	3.15	4.17	5.15	6.12	7.10	8.10	9.08	10.12	11.13	11.13	2 / 3			
	interval		1.10	1.02	0.98	0.97	0.98	1.00	0.98	1.04	1.01	=PB	# of strides	4.17	2.93	3.02
	velocity	4.88	9.09	9.80	10.20	10.31	10.20	10.00	10.20	9.62	9.90	8.98		7.19	10.24	9.93
0)	time	2.07	3.20	4.22	5.22	6.19	7.15	8.16	9.13	10.14	11.15	11.15	3 / 4			
	interval		1.13	1.02	1.00	0.97	0.96	1.01	0.97	1.01	1.01		# of strides	4.22	2.93	2.99
	velocity	4.83	8.85	9.80	10.00	10.31	10.42	9.90	10.31	9.90	9.90	8.97		7.11	10.24	10.03
(1985)	time	2.07	3.20	4.20	5.21	6.19	7.16	8.14	9.13	10.16	11.16	11.16	6 / 5			
	interval		1.13	1.00	1.01	0.98	0.97	0.98	0.99	1.03	1.00		# of strides	4.20	2.96	3.00
	velocity	4.83	8.85	10.00	9.90	10.20	10.31	10.20	10.10	9.71	10.00	8.96		7.14	10.14	10.00
(1986)	time	2.15	3.30	4.35	5.42	6.41	7.40	8.42	9.42	10.48	11.48	11.48	8 / 6			
	interval		1.15	1.05	1.07	0.99	0.99	1.02	1.00	1.06	1.00		# of strides	4.35	3.05	3.08
	velocity	4.65	8.70	9.52	9.35	10.10	10.10	9.80	10.00	9.43	10.00	8.71		6.90	9.84	9.74

2008 USATF National Junior Championships (Columbus, OH)

FINAL

date		20-Jun-08		wind		1.3 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	
9)	time	2.08	3.20	4.22	5.21	6.17	7.16	8.14	9.16	10.19	11.21	11.21	6 / 1				
	interval		1.12	1.02	0.99	0.96	0.99	0.98	1.02	1.03	1.02	PB	# of strides	4.22	2.94	3.03	
	velocity	4.81	8.93	9.80	10.10	10.42	10.10	10.20	9.80	9.71	9.80	8.92		7.11	10.20	9.90	
0)	time	2.10	3.20	4.23	5.23	6.22	7.21	8.23	9.29	10.31	11.38	11.38	5 / 2				
	interval		1.10	1.03	1.00	0.99	0.99	1.02	1.06	1.02	1.07		# of strides	4.23	2.98	3.10	
	velocity	4.76	9.09	9.71	10.00	10.10	10.10	9.80	9.43	9.80	9.35	8.79		7.09	10.07	9.68	
		time	2.08	3.23	4.23	5.26	6.27	7.26	8.28	9.31	10.34	11.39	11.39	7 / 3			

	reaction time	interval	1.15	1.00	1.03	1.01	0.99	1.02	1.03	1.03	1.05		# of strides	4.23	3.03	3.08
	velocity	4.81	8.70	10.00	9.71	9.90	10.10	9.80	9.71	9.71	9.52	8.78		7.09	9.90	9.74
McGrone, Candyce (USA) (1989)	time	2.15	3.28	4.32	5.37	6.35	7.35	8.36	9.39	10.44	11.50	11.50	4 / 4			
	reaction time		1.13	1.04	1.05	0.98	1.00	1.01	1.03	1.05	1.06	PB	# of strides	4.32	3.03	3.09
	velocity	4.65	8.85	9.62	9.52	10.20	10.00	9.90	9.71	9.52	9.43	8.70		6.94	9.90	9.71
Glenn, Gabrielle (USA) (1989)	time	2.16	3.28	4.32	5.36	6.37	7.36	8.39	9.43	10.48	11.56	11.56	1 / 5			
	reaction time		1.12	1.04	1.04	1.01	0.99	1.03	1.04	1.05	1.08		# of strides	4.32	3.04	3.12
	velocity	4.63	8.93	9.62	9.62	9.90	10.10	9.71	9.62	9.52	9.26	8.65		6.94	9.87	9.62
Alexander, Erica (USA) (1990)	time	2.13	3.21	4.30	5.32	6.34	7.36	8.38	9.45	10.52	11.59	11.59	3 / 6			
	reaction time		1.08	1.09	1.02	1.02	1.02	1.02	1.07	1.07	1.07		# of strides	4.30	3.06	3.16
	velocity	4.69	9.26	9.17	9.80	9.80	9.80	9.80	9.35	9.35	9.35	8.63		6.98	9.80	9.49
Purvis, Ashton (USA) (1992)	time	2.16	3.30	4.41	5.47	6.48	7.49	8.50	9.57	10.62	11.66	11.66	2 / 7			
	reaction time		1.14	1.11	1.06	1.01	1.01	1.01	1.07	1.05	1.04		# of strides	4.41	3.08	3.13
	velocity	4.63	8.77	9.01	9.43	9.90	9.90	9.90	9.35	9.52	9.62	8.58		6.80	9.74	9.58
Collier, Ashley (USA) (1992)	time	2.18	3.35	4.43	5.45	6.51	7.56	8.58	9.69	10.74	11.86	11.86	8 / 8			
	reaction time		1.17	1.08	1.02	1.06	1.05	1.02	1.11	1.05	1.12		# of strides	4.43	3.13	3.18
	velocity	4.59	8.55	9.26	9.80	9.43	9.52	9.80	9.01	9.52	8.93	8.43		6.77	9.58	9.43
Stewart, LeKeidra (USA) (1989)	time	2.15	3.31	4.38	5.44	6.49	7.54	8.57	9.67	10.77	11.88	11.88	9 / 9			
	reaction time		1.16	1.07	1.06	1.05	1.05	1.03	1.10	1.10	1.11		# of strides	4.38	3.16	3.23
	velocity	4.65	8.62	9.35	9.43	9.52	9.52	9.71	9.09	9.09	9.01	8.42		6.85	9.49	9.29

2008 Osaka Grand Prix (Osaka, JPN)**FINAL**

FINAL		date	10-May-08	wind	1.2 m/s	Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles												
						10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m
Fukushima, Chisato (JPN) (1988)	time			2.06	3.21	4.28	5.33	6.35	7.37	8.39	9.43	10.48	11.56	11.56	1 / 3			
	reaction time				1.15	1.07	1.05	1.02	1.02	1.02	1.04	1.05	1.08		# of strides	4.28	3.09	3.11
	interval																	
	velocity			4.85	8.70	9.35	9.52	9.80	9.80	9.80	9.62	9.52	9.26	8.65		7.01	9.71	9.65
Watanabe, Mayuni (JPN) (1983)	time			2.08	3.26	4.36	5.40	6.43	7.46	8.50	9.57	10.65	11.75	11.75	5 / 4			
	reaction time				1.18	1.10	1.04	1.03	1.03	1.04	1.07	1.08	1.10		# of strides	4.36	3.10	3.19
	interval																	
	velocity			4.81	8.47	9.09	9.62	9.71	9.71	9.62	9.35	9.26	9.09	8.51		6.88	9.68	9.40
Nobuoka, Sakie (JPN) (1977)	time			2.10	3.28	4.36	5.41	6.44	7.48	8.52	9.58	10.66	11.76	11.76	7 / 5			
	reaction time				1.18	1.08	1.05	1.03	1.04	1.04	1.06	1.08	1.10		# of strides	4.36	3.12	3.18
	interval																	
	velocity			4.76	8.47	9.26	9.52	9.71	9.62	9.62	9.43	9.26	9.09	8.50		6.88	9.62	9.43
Takahashi, Momoko (JPN) (1988)	time			2.19	3.38	4.48	5.53	6.57	7.60	8.62	9.66	10.72	11.82	11.82	2 / 6			
	reaction time				1.19	1.10	1.05	1.04	1.03	1.02	1.04	1.06	1.10		# of strides	4.48	3.12	3.12
	interval																	
	velocity			4.57	8.40	9.09	9.52	9.62	9.71	9.80	9.62	9.43	9.09	8.46		6.70	9.62	9.62
Ota, Tomoko (JPN) (1977)	time			2.02	3.19	4.28	5.34	6.39	7.45	8.52	9.61	10.72	11.85	11.85	3 / 7			
	reaction time				1.17	1.09	1.06	1.05	1.06	1.07	1.09	1.11	1.13		# of strides	4.28	3.17	3.27
	interval																	
	velocity			4.95	8.55	9.17	9.43	9.52	9.43	9.35	9.17	9.01	8.85	8.44		7.01	9.46	9.17

2008 Mikio Oda Memorial (Hiroshima, JPN)**FINAL**

FINAL	date	29-Apr-08	wind	1.7 m/s	Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles												
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m
Fukushima, Chisato (JPN) (1988)	time		2.04	3.16	4.21	5.22	6.22	7.22	8.23	9.24	10.28	11.36	11.36	/ 1			
	reaction time	interval		1.12	1.05	1.01	1.00	1.00	1.01	1.01	1.04	1.08	NR / PB	# of strides	4.21	3.01	3.06
		velocity		4.90	8.93	9.52	9.90	10.00	10.00	9.90	9.90	9.62	9.26	8.80		7.13	9.97
Takahashi, Momoko (JPN) (1988)	time		2.10	3.17	4.34	5.37	6.39	7.40	8.41	9.43	10.47	11.53	11.53	/ 4			
	reaction time	interval		1.07	1.17	1.03	1.02	1.01	1.01	1.02	1.04	1.06		# of strides	4.34	3.06	3.07
		velocity		4.76	9.35	8.55	9.71	9.80	9.90	9.90	9.80	9.62	9.43	8.67		6.91	9.80

B FINAL

FINAL	date	29-Apr-08	wind	1.5 m/sAkirabun (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
Wandick, Brushay (USA)	time			2.12	3.30	4.38	5.43	6.47	7.50	8.54	9.60	10.68	11.78	11.78	/ 2			
	reaction time				1.18	1.08	1.05	1.04	1.03	1.04	1.06	1.08	1.10	PB	# of strides	4.38	3.12	3.18
	interval																	
	velocity			4.72	8.47	9.26	9.52	9.62	9.71	9.62	9.43	9.26	9.09	8.49		6.85	9.62	9.43
Kurimoto, Kayoko (JPN) (1984)	time			2.10	3.30	4.39	5.44	6.49	7.54	8.61	9.70	10.81	11.94	11.94	/ 3			
	reaction time				1.20	1.09	1.05	1.05	1.05	1.07	1.09	1.11	1.13		# of strides	4.39	3.15	3.27
	interval																	
	velocity			4.76	8.33	9.17	9.52	9.52	9.52	9.35	9.17	9.01	8.85	8.38		6.83	9.52	9.17

Heat 3

eat 3

date	29-Apr-08	wind	0.7 m/s	Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles														
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fukushima, Chisato (JPN) (1988)	time			2.01	3.17	4.24	5.29	6.32	7.34	8.37	9.40	10.45	11.53	11.53	/ 1			

reaction time	interval	1.16	1.07	1.05	1.03	1.02	1.03	1.03	1.05	1.08		# of strides	4.24	3.10	3.11	
	velocity	4.98	8.62	9.35	9.52	9.71	9.80	9.71	9.71	9.52	9.26	8.67	7.08	9.68	9.65	
o (JPN) (1977)	time	2.02	3.18	4.26	5.31	6.36	7.40	8.45	9.52	10.61	11.73	11.73	/ 2			
	interval		1.16	1.08	1.05	1.05	1.04	1.05	1.07	1.09	1.12		# of strides	4.26	3.14	3.21
	reaction time	velocity	4.95	8.62	9.26	9.52	9.52	9.62	9.52	9.35	9.17	8.93	8.53	7.04	9.55	9.35

Heat 2

date 29-Apr-08 wind 0.2 m/s Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Takahashi, Momoko (JPN) (1988)	time	2.16	3.36	4.45	5.50	6.55	7.59	8.63	9.68	10.75	11.84	11.84	/ 1			
reaction time	interval		1.20	1.09	1.05	1.05	1.04	1.04	1.05	1.07	1.09		# of strides	4.45	3.14	3.16
	velocity	4.63	8.33	9.17	9.52	9.52	9.62	9.62	9.52	9.35	9.17	8.45		6.74	9.55	9.49

Heat 1

date 29-Apr-08 wind 1.3 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
Kitakaze, Saori (JPN) (1985)	time	2.01	3.15	4.20	5.21	6.22	7.23	8.26	9.32	10.39	11.51	11.51	/ 1			
reaction time	interval		1.14	1.05	1.01	1.01	1.01	1.03	1.06	1.07	1.12		# of strides	4.20	3.03	3.16
	velocity	4.98	8.77	9.52	9.90	9.90	9.90	9.71	9.43	9.35	8.93	8.69		7.14	9.90	9.49
Suda, Saori (JPN) (1986)	time	2.10	3.27	4.35	5.39	6.42	7.46	8.51	9.58	10.67	11.78	11.78	/ 3			
reaction time	interval		1.17	1.08	1.04	1.03	1.04	1.05	1.07	1.09	1.11		# of strides	4.35	3.11	3.21
	velocity	4.76	8.55	9.26	9.62	9.71	9.62	9.52	9.35	9.17	9.01	8.49		6.90	9.65	9.35
Watanabe, Azusa (JPN) (1986)	time	2.00	3.18	4.27	5.33	6.38	7.43	8.50	9.58	10.68	11.79	11.79	/ 4			
reaction time	interval		1.18	1.09	1.06	1.05	1.05	1.07	1.08	1.10	1.11	PB	# of strides	4.27	3.16	3.25
	velocity	5.00	8.47	9.17	9.43	9.52	9.52	9.35	9.26	9.09	9.01	8.48		7.03	9.49	9.23

2007 IAAF World Athletic Final (Stuttgart, GER)

FINAL

date 23-Sep-07 wind -0.6 m/s Graubner (2007) - <http://www.fgs.uni-halle.de>

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jeter, Carmelita (USA) (1979)	time		3.19	4.20	5.18		7.12		9.09		11.10	11.10	4 / 1			
reaction time	0.158 interval			1.01	0.98		1.94		1.97		2.01		# of strides	4.20	2.92	
	velocity		6.27	9.90	10.20		10.31		10.15		9.95	9.01	50.1	7.14	10.27	
Felix, Allyson (USA) (1985)	time		3.22	4.24	5.23		7.18		9.15		11.15	11.15	6 / 2			
reaction time	0.167 interval			1.02	0.99		1.95		1.97		2.00		# of strides	4.24	2.94	
	velocity		6.21	9.80	10.10		10.26		10.15		10.00	8.97	46.1	7.08	10.20	
Arron, Christine (FRA) (1973)	time		3.22	4.24	5.23		7.19		9.16		11.20	11.20	3 / 3			
reaction time	0.158 interval			1.02	0.99		1.96		1.97		2.04		# of strides	4.24	2.95	
	velocity		6.21	9.80	10.10		10.20		10.15		9.80	8.93	46.4	7.08	10.17	
Gevaert, Kim (BEL) (1978)	time		3.16	4.19	5.19		7.18		9.21		11.29	11.29	7 / 4			
reaction time	0.143 interval			1.03	1.00		1.99		2.03		2.08		# of strides	4.19	2.99	
	velocity		6.33	9.71	10.00		10.05		9.85		9.62	8.86		7.16	10.03	
Williams, Lauryn (USA) (1983)	time		3.21	4.24	5.24		7.22		9.23		11.31	11.31	5 / 5			
reaction time	0.136 interval			1.03	1.00		1.98		2.01		2.08		# of strides	4.24	2.98	
	velocity		6.23	9.71	10.00		10.10		9.95		9.62	8.84		7.08	10.07	
Brooks, Sheri-Ann (JAM) (1983)	time		3.21	4.23	5.22		7.21		9.23		11.33	11.33	8 / 6			
reaction time	0.153 interval			1.02	0.99		1.99		2.02		2.10		# of strides	4.23	2.98	
	velocity		6.23	9.80	10.10		10.05		9.90		9.52	8.83		7.09	10.07	
Lalova, Ivet (BUL) (1984)	time		3.24	4.30	5.33		7.38		9.45		11.59	11.59	2 / 7			
reaction time	0.130 interval			1.06	1.03		2.05		2.07		2.14		# of strides	4.30	3.08	
	velocity		6.17	9.43	9.71		9.76		9.66		9.35	8.63		6.98	9.74	
Maduaka, Joice (GBR) (1973)	time		3.29	4.35	5.37		7.42		9.43		11.61	11.61	1 / 8			
reaction time	0.155 interval			1.06	1.02		2.05		2.01		2.18		# of strides	4.35	3.07	
	velocity		6.08	9.43	9.80		9.76		9.95		9.17	8.61		6.90	9.77	

2007 IAAF World Championships (Osaka, JPN)

FINAL

date 27-Aug-07 wind -0.2 m/s Ae (2008) - IAAF biomechanics team - a booklet of biomechanics data

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Campbell, Veronica (JAM) (1982)	time	2.01	3.14	4.15	5.11	6.07	7.02	7.97	8.96	9.97	11.01	11.01	7 / 1			
reaction time	0.167 interval		1.13	1.01	0.96	0.96	0.95	0.95	0.99	1.01	1.04		# of strides	4.15	2.87	2.95
	velocity	4.98	8.85	9.90	10.42	10.42	10.53	10.53	10.10	9.90	9.62	9.08	49.2	7.23	10.45	10.17
Williams, Lauryn (USA) (1983)	time	2.01	3.13	4.13	5.10	6.06	7.03	8.00	8.98	9.99	11.01	11.01	4 / 2			
reaction time	0.145 interval		1.12	1.00	0.97	0.96	0.97	0.97	0.98	1.01	1.02		# of strides	4.13	2.90	2.96
	velocity	4.98	8.93	10.00	10.31	10.42	10.31	10.31	10.20	9.90	9.80	9.08	52.5	7.26	10.34	10.14
Jeter, Carmelita (USA) (1979)	0.189	no information available										PB	11.02	8 / 3	# of strides	49.7

Edwards, Torri (USA) (1977)	time	2.00	3.12	4.15	5.12	6.08	7.04	8.01	9.00	10.02	11.05	11.05	6 / 4			
	reaction time	0.141		1.12	1.03	0.97	0.96	0.96	0.97	0.99	1.02	1.03	# of strides	4.15	2.89	2.98
	velocity		5.00	8.93	9.71	10.31	10.42	10.42	10.31	10.10	9.80	9.71	50.5	7.23	10.38	10.07
Gevaert, Kim (BEL) (1978)	time	1.98	3.10	4.11	5.10	6.08	7.04	8.02	9.01	10.01	11.05	11.05	3 / 5			
	reaction time	0.143		1.12	1.01	0.99	0.98	0.96	0.98	0.99	1.00	1.04	# of strides	4.11	2.93	2.97
	velocity		5.05	8.93	9.90	10.10	10.20	10.42	10.20	10.10	10.00	9.62	46.0	7.30	10.24	10.10
Arron, Christine (FRA) (1973)	time	2.03	3.15	4.16	5.13	6.09	7.06	8.03	9.02	10.04	11.08	11.08	5 / 6			
	reaction time	0.164		1.12	1.01	0.97	0.96	0.97	0.97	0.99	1.02	1.04	# of strides	4.16	2.90	2.98
	velocity		4.93	8.93	9.90	10.31	10.42	10.31	10.31	10.10	9.80	9.62	46.0	7.21	10.34	10.07
Stewart, Kerron (JAM) (1984)	0.177	no information available										11.12	9 / 7	# of strides	47.7	
Osayomi, Oludamola (NGR) (1986)	0.175	no information available										11.26	2 / 8	# of strides	50.2	

Semi-Final 2

Semi-Final 2	date	27-Aug-07		wind	-0.1 m/s												Matsuo (2009) - analysis of speed patterns in 100m sprints					
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m						
	Campbell, Veronica (JAM) (1982) time	2.00	3.12	4.12	5.10	6.07	7.02	7.98	8.96	9.93	10.99	10.99	7 / 1									
	reaction time 0.144 interval		1.12	1.00	0.98	0.97	0.95	0.96	0.98	0.97	1.06		# of strides	4.12	2.90	2.91						
	velocity	5.00	8.93	10.00	10.20	10.31	10.53	10.42	10.20	10.31	9.43	9.10	48.2	7.28	10.34	10.31						

Heat 4

Heat 4

date	26-Aug-07	wind	-0.7 m/s	Matsuo (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Takahashi, Momoku (JPN) (1988)	time	2.11	3.34	4.45	5.53	6.58	7.64	8.70	9.76	10.85	11.98	11.98	2 / 6			
	reaction time	0.152		1.23	1.11	1.08	1.05	1.06	1.06	1.09	1.13		# of strides	4.45	3.19	3.21
	velocity	4.74	8.13	9.01	9.26	9.52	9.43	9.43	9.43	9.17	8.85	8.35		6.74	9.40	9.35

2007 Japanese National High School Championships (Saga, JPN)**FINAL**

FINAL		date	03-Aug-07	wind	1.3 m/s	Hitorara (2007) - 60st high school championships: JAF scientific committee - biomechanics data collection												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Terada, Asuka (JPN) (1990)	time			3.23	4.31	5.33	6.36	7.39	8.44	9.50	10.58	11.71	11.71		6 / 1			
	reaction time					1.08	1.02	1.03	1.03	1.05	1.06	1.08	1.13	PB	# of strides	4.31	3.08	3.19
	velocity			6.19	9.26	9.80	9.71	9.71	9.52	9.43	9.26	8.85	8.54			6.96	9.74	9.40
Nakano, Hitomi (JPN) (1990)	time			3.23	4.31	5.34	6.39	7.44	8.51	9.59	10.68	11.83	11.83		5 / 2			
	reaction time					1.08	1.03	1.05	1.05	1.07	1.08	1.09	1.15		# of strides	4.31	3.13	3.24
	velocity			6.19	9.26	9.71	9.52	9.52	9.35	9.26	9.17	8.70	8.45			6.96	9.58	9.26
Watanabe, Tae (JPN) (1991)	time			3.28	4.38	5.44	6.50	7.56	8.63	9.70	10.78	11.91	11.91		2 / 3			
	reaction time					1.10	1.06	1.06	1.06	1.07	1.07	1.08	1.13		# of strides	4.38	3.18	3.22
	velocity			6.10	9.09	9.43	9.43	9.43	9.35	9.35	9.26	8.85	8.40			6.85	9.43	9.32
Sano, Fuyumi (JPN) (1989)	time			3.32	4.45	5.51	6.57	7.63	8.70	9.77	10.85	11.99	11.99		3 / 4			
	reaction time					1.13	1.06	1.06	1.06	1.07	1.07	1.08	1.14		# of strides	4.45	3.18	3.22
	velocity			6.02	8.85	9.43	9.43	9.43	9.35	9.35	9.26	8.77	8.34			6.74	9.43	9.32
Abe, Hidemi (JPN) (1990)	time			3.28	4.38	5.45	6.52	7.59	8.67	9.76	10.85	12.01	12.01		4 / 5			
	reaction time					1.10	1.07	1.07	1.07	1.08	1.09	1.09	1.16		# of strides	4.38	3.21	3.26
	velocity			6.10	9.09	9.35	9.35	9.35	9.26	9.17	9.17	8.62	8.33			6.85	9.35	9.20
Takahashi, Yuka (JPN) (1991)	time			3.32	4.43	5.49	6.55	7.62	8.71	9.81	10.91	12.06	12.06		8 / 6			
	reaction time					1.11	1.06	1.06	1.07	1.09	1.10	1.10	1.15		# of strides	4.43	3.19	3.29
	velocity			6.02	9.01	9.43	9.43	9.35	9.17	9.09	9.09	8.70	8.29			6.77	9.40	9.12
Obi, Mana (JPN)	time			3.31	4.43	5.49	6.56	7.63	8.72	9.82	10.93	12.10	12.10		1 / 7			
	reaction time					1.12	1.06	1.07	1.07	1.09	1.10	1.11	1.17		# of strides	4.43	3.20	3.30
	velocity			6.04	8.93	9.43	9.35	9.35	9.17	9.09	9.01	8.55	8.26			6.77	9.38	9.09
Ito, Yuri (JPN) (1989)	time			3.34	4.45	5.55	6.64	7.74	8.86	9.98	11.12	12.32	12.32		7 / 8			
	reaction time					1.11	1.10	1.09	1.10	1.12	1.12	1.14	1.20		# of strides	4.45	3.29	3.38
	velocity			5.99	9.01	9.09	9.17	9.09	8.93	8.93	8.77	8.33	8.12			6.74	9.12	8.88

2007 Windsprint (Sundsvall, SWE)**FINAL**

FINAL	date	24-Jul-07	wind	1.0 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
Dorobisz, Iwona (POL) (1980)	time				4.34			7.44		9.55		11.80	11.80	/ 1			
	reaction time	interval						3.10		2.11		2.25		# of strides	4.34	3.10	
	velocity				6.91			9.68		9.48		8.89	8.47		6.91	9.68	
Cunningham, Nadia (JAM) (1978)	time				4.43			7.58		9.71		11.92	11.92	/ 2			
	reaction time	interval						3.15		2.13		2.21		# of strides	4.43	3.15	
	velocity				6.77			9.52		9.39		9.05	8.39		6.77	9.52	

Aruhn, Lena (SWE) (1970)	time	4.45	7.68	9.80	11.96	11.96	/ 3		
	reaction time		3.23	2.12	2.16		# of strides	4.45	3.23
	velocity	6.74	9.29	9.43	9.26	8.36		6.74	9.29
Ström, Malin (SWE) (1986)	time	4.44	7.67	9.78	12.03	12.03	/ 4		
	reaction time		3.23	2.11	2.25		# of strides	4.44	3.23
	velocity	6.76	9.29	9.48	8.89	8.31		6.76	9.29
Smibacker, Stina (SWE) (1983)	time	4.46	7.69	9.83	12.10	12.10	/ 5		
	reaction time		3.23	2.14	2.27		# of strides	4.46	3.23
	velocity	6.73	9.29	9.35	8.81	8.26		6.73	9.29
Henriksson, Malin (SWE) (1978)	time	4.51	7.77	9.95	12.20	12.20	/ 6		
	reaction time		3.26	2.18	2.25		# of strides	4.51	3.26
	velocity	6.65	9.20	9.17	8.89	8.20		6.65	9.20
Eurenius, Isabelle (SWE) (1989)	time	4.47	7.80	9.96	12.30	12.30	/ 7		
	reaction time		3.33	2.16	2.34		# of strides	4.47	3.33
	velocity	6.71	9.01	9.26	8.55	8.13		6.71	9.01
Tollin, Julia (SWE) (1989)	time	4.47	7.82	10.04	12.35	12.35	/ 8		
	reaction time		3.35	2.22	2.31		# of strides	4.47	3.35
	velocity	6.71	8.96	9.01	8.66	8.10		6.71	8.96

B FINALdate 24-Jul-07 wind 0.9 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
Bohlén-Kinn, Therése (SWE) (1991)	time			4.50			7.77		9.96		12.22	12.22	/ 1			
	reaction time						3.27		2.19		2.26		# of strides	4.50	3.27	
	velocity			6.67			9.17		9.13		8.85	8.18		6.67	9.17	
Edfors, Cecilia (SWE) (1987)	time			4.69			8.06		10.33		12.69	12.69	/ 2			
	reaction time						3.37		2.27		2.36		# of strides	4.69	3.37	
	velocity			6.40			8.90		8.81		8.47	7.88		6.40	8.90	
Rundquist, Emilia (SWE) (1988)	time			4.65			8.06		10.41		12.87	12.87	/ 3			
	reaction time						3.41		2.35		2.46		# of strides	4.65	3.41	
	velocity			6.45			8.80		8.51		8.13	7.77		6.45	8.80	
Hamrén, Malin (SWE) (1986)	time			4.64			8.08		10.45		12.89	12.89	/ 4			
	reaction time						3.44		2.37		2.44		# of strides	4.64	3.44	
	velocity			6.47			8.72		8.44		8.20	7.76		6.47	8.72	
Sunneborn, Anna (SWE) (1970)	time			4.67			8.20		10.52		12.90	12.90	/ 5			
	reaction time						3.53		2.32		2.38		# of strides	4.67	3.53	
	velocity			6.42			8.50		8.62		8.40	7.75		6.42	8.50	
Eliasson, Emilia (SWE) (1989)	time			4.75			8.30		10.70		13.20	13.20	/ 6			
	reaction time						3.55		2.40		2.50	PB	# of strides	4.75	3.55	
	velocity			6.32			8.45		8.33		8.00	7.58		6.32	8.45	

2007 Japanese National Championships (Osaka, JPN)**FINAL**

date 30-Jun-07 wind 0.0 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
Takahashi, Momoko (JPN) (1988)	time	2.07	3.25	4.33	5.37	6.40	7.42	8.45	9.48	10.53	11.61	11.61	/ 1			
	reaction time		1.18	1.08	1.04	1.03	1.02	1.03	1.03	1.05	1.08		# of strides	4.33	3.09	3.11
	velocity	4.83	8.47	9.26	9.62	9.71	9.80	9.71	9.71	9.52	9.26	8.61		6.93	9.71	9.65
Kitakaze, Saori (JPN) (1985)	time	1.99	3.14	4.20	5.24	6.26	7.30	8.35	9.42	10.53	11.66	11.66	/ 2			
	reaction time		1.15	1.06	1.04	1.02	1.04	1.05	1.07	1.11	1.13		# of strides	4.20	3.10	3.23
	velocity	5.03	8.70	9.43	9.62	9.80	9.62	9.52	9.35	9.01	8.85	8.58		7.14	9.68	9.29
Nobuoka, Sakie (JPN) (1977)	time	2.08	3.28	4.35	5.40	6.44	7.49	8.54	9.62	10.71	11.82	11.82	/ 3			
	reaction time		1.20	1.07	1.05	1.04	1.05	1.05	1.08	1.09	1.11		# of strides	4.35	3.14	3.22
	velocity	4.81	8.33	9.35	9.52	9.62	9.52	9.52	9.26	9.17	9.01	8.46		6.90	9.55	9.32
Ota, Tomoko (JPN) (1977)	time	2.00	3.15	4.24	5.30	6.35	7.41	8.49	9.58	10.70	11.83	11.83	/ 4			
	reaction time		1.15	1.09	1.06	1.05	1.06	1.08	1.09	1.12	1.13		# of strides	4.24	3.17	3.29
	velocity	5.00	8.70	9.17	9.43	9.52	9.43	9.26	9.17	8.93	8.85	8.45		7.08	9.46	9.12
Watanabe, Mayumi (JPN) (1983)	time	2.03	3.20	4.26	5.31	6.35	7.40	8.47	9.57	10.69	11.86	11.86	/ 5			
	reaction time		1.17	1.06	1.05	1.04	1.05	1.07	1.10	1.12	1.17		# of strides	4.26	3.14	3.29
	velocity	4.93	8.55	9.43	9.52	9.62	9.52	9.35	9.09	8.93	8.55	8.43		7.04	9.55	9.12

2007 Osaka Grand Prix (Osaka, JPN)

FINAL

FINAL

	date	05-May-07	wind	0.7 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	
Williams, Lauryn (USA) (1983)	time		2.04	3.19	4.23	5.24	6.23	7.23	8.24	9.28	10.34	11.44	11.44	/ 2				
	reaction time	interval		1.15	1.04	1.01	0.99	1.00	1.01	1.04	1.06	1.10		# of strides	4.23	3.00	3.11	
	velocity		4.90	8.70	9.62	9.90	10.10	10.00	9.90	9.62	9.43	9.09	8.74		7.09	10.00	9.65	
Takahashi, Momoko (JPN) (1988)	time		2.14	3.32	4.39	5.42	6.44	7.45	8.47	9.51	10.57	11.65	11.65	/ 5				
	reaction time	interval		1.18	1.07	1.03	1.02	1.01	1.02	1.04	1.06	1.08		# of strides	4.39	3.06	3.12	
	velocity		4.67	8.47	9.35	9.71	9.80	9.90	9.80	9.62	9.43	9.26	8.58		6.83	9.80	9.62	
Nobuoka, Sakie (JPN) (1977)	time		2.08	3.24	4.30	5.33	6.35	7.38	8.42	9.48	10.56	11.66	11.66	/ 6				
	reaction time	interval		1.16	1.06	1.03	1.02	1.03	1.04	1.06	1.08	1.10		# of strides	4.30	3.08	3.18	
	velocity		4.81	8.62	9.43	9.71	9.80	9.71	9.62	9.43	9.26	9.09	8.58		6.98	9.74	9.43	

2006 Seiko Super Grand Prix (Yokohama, JPN)

FINAL

FINAL	date	24-Sep-06	wind	-0.8 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	
Simpson, Sherone (JAM) (1984)	time		2.07	3.19	4.23	5.22	6.20	7.17	8.14	9.13	10.13	11.15	11.15	/ 1				
	reaction time	interval		1.12	1.04	0.99	0.98	0.97	0.97	0.99	1.00	1.02		# of strides	4.23	2.94	2.96	
	velocity		4.83	8.93	9.62	10.10	10.20	10.31	10.31	10.10	10.00	9.80	8.97		7.09	10.20	10.14	

2006 USATF National Championship (Indianapolis, IN)

FINAL

FINAL		date	23-Jun-06	wind -0.9 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
Jones, Marion (USA) (1975)	time			2.07	3.17	4.19	5.17	6.14	7.11	8.09	9.06	10.09	11.10	11.10	4 / 1			
	reaction time				1.10	1.02	0.98	0.97	0.97	0.98	0.97	1.03	1.01	DV	# of strides	4.19	2.92	2.98
	velocity			4.83	9.09	9.80	10.20	10.31	10.31	10.20	10.31	9.71	9.90	9.01	48.5	7.16	10.27	10.07
Williams, Lauryn (USA) (1983)	time			2.09	3.20	4.20	5.19	6.16	7.14	8.11	9.11	10.14	11.17	11.17	8 / 2 1			
	reaction time				1.11	1.00	0.99	0.97	0.98	0.97	1.00	1.03	1.03		# of strides	4.20	2.94	3.00
	velocity			4.78	9.01	10.00	10.10	10.31	10.20	10.31	10.00	9.71	9.71	8.95	53.0	7.14	10.20	10.00
Edwards, Torri (USA) (1977)	time			2.08	3.19	4.20	5.19	6.17	7.16	8.11	9.13	10.14	11.17	11.17	3 / 3 2			
	reaction time				1.11	1.01	0.99	0.98	0.99	0.95	1.02	1.01	1.03		# of strides	4.20	2.96	2.98
	velocity			4.81	9.01	9.90	10.10	10.20	10.10	10.53	9.80	9.90	9.71	8.95	50.7	7.14	10.14	10.07
Smith, Rachelle (USA) (1981)	time			2.09	3.20	4.25	5.27	6.22	7.22	8.18	9.18	10.19	11.21	11.21	5 / 4 3			
	reaction time				1.11	1.05	1.02	0.95	1.00	0.96	1.00	1.01	1.02		# of strides	4.25	2.97	2.97
	velocity			4.78	9.01	9.52	9.80	10.53	10.00	10.42	10.00	9.90	9.80	8.92	49.0	7.06	10.10	10.10
Lee, Muna (USA) (1981)	time			2.10	3.22	4.25	5.26	6.22	7.21	8.23	9.22	10.23	11.24	11.24	1 / 5 4			
	reaction time				1.12	1.03	1.01	0.96	0.99	1.02	0.99	1.01	1.01		# of strides	4.25	2.96	3.02
	velocity			4.76	8.93	9.71	9.90	10.42	10.10	9.80	10.10	9.90	9.90	8.90	48.2	7.06	10.14	9.93
Barber, Mikele (USA) (1980)	time			2.10	3.26	4.29	5.29	6.25	7.24	8.20	9.21	10.24	11.27	11.27	6 / 6 5			
	reaction time				1.16	1.03	1.00	0.96	0.99	0.96	1.01	1.03	1.03		# of strides	4.29	2.95	3.00
	velocity			4.76	8.62	9.71	10.00	10.42	10.10	10.42	9.90	9.71	9.71	8.87	51.7	6.99	10.17	10.00
Durst, Stephanie (USA) (1982)	time			2.09	3.21	4.26	5.27	6.26	7.24	8.24	9.26	10.28	11.29	11.29	2 / 7 6			
	reaction time				1.12	1.05	1.01	0.99	0.98	1.00	1.02	1.02	1.01		# of strides	4.26	2.98	3.04
	velocity			4.78	8.93	9.52	9.90	10.10	10.20	10.00	9.80	9.80	9.90	8.86	51.5	7.04	10.07	9.87
Solomon, Shalonda (USA) (1985)	time			2.12	3.27	4.30	5.34	6.32	7.34	8.32	9.33	10.38	11.41	11.41	7 / 8 7			
	reaction time				1.15	1.03	1.04	0.98	1.02	0.98	1.01	1.05	1.03		# of strides	4.30	3.04	3.04
	velocity			4.72	8.70	9.71	9.62	10.20	9.80	10.20	9.90	9.52	9.71	8.76	49.7	6.98	9.87	9.87

2006 USATF National Junior Championship (Indianapolis, IN)

FINAL

FINAL

		date	22-Jun-06	wind	1.2 m/s	USATF Women's Sprint Development (2006)												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Anderson, Alexandria (USA) (1981)	time			2.12	3.25	4.26	5.25	6.19	7.18	8.14	9.13	10.11	11.12	11.12	3 / 1			
	reaction time	interval			1.13	1.01	0.99	0.94	0.99	0.96	0.99	0.98	1.01		# of strides	4.26	2.92	2.93
	velocity			4.72	8.85	9.90	10.10	10.64	10.10	10.42	10.10	10.20	9.90	8.99		7.04	10.27	10.24
Mayo, Gabrielle (USA) (1989)	time			2.10	3.20	4.24	5.22	6.21	7.19	8.14	9.13	10.13	11.16	11.16	4 / 2			
	reaction time	interval			1.10	1.04	0.98	0.99	0.98	0.95	0.99	1.00	1.03	PB	# of strides	4.24	2.95	2.94
	velocity			4.76	9.09	9.62	10.20	10.10	10.20	10.53	10.10	10.00	9.71	8.96		7.08	10.17	10.20
Tarmoh, Jeneba (USA) (1989)	time			2.10	3.27	4.27	5.29	6.22	7.24	8.20	9.20	10.21	11.24	11.24	6 / 3			
	reaction time	interval			1.17	1.00	1.02	0.93	1.02	0.96	1.00	1.01	1.03	PB	# of strides	4.27	2.97	2.97
	velocity			4.76	8.55	10.00	9.80	10.75	9.80	10.42	10.00	9.90	9.71	8.90		7.03	10.10	10.10
Knight, Bianca (USA) (1989)	time			2.14	3.27	4.30	5.27	6.24	7.23	8.19	9.21	10.23	11.26	11.26	2 / 4			
	reaction time	interval			1.13	1.03	0.97	0.97	0.99	0.96	1.02	1.02	1.03	PB	# of strides	4.30	2.93	3.00
	velocity			4.67	8.85	9.71	10.31	10.31	10.10	10.42	9.80	9.80	9.71	8.88		6.98	10.24	10.00

Olear, Elizabeth (USA) (1988)	time	2.13	3.24	4.29	5.27	6.27	7.26	8.23	9.25	10.28	11.33	11.33	7 / 5			
	reaction time	interval	1.11	1.05	0.98	1.00	0.99	0.97	1.02	1.03	1.05	PB	# of strides	4.29	2.97	3.02
	velocity	4.69	9.01	9.52	10.20	10.00	10.10	10.31	9.80	9.71	9.52	8.83		6.99	10.10	9.93
Wilson, Kenyanna (USA) (1988)	time	2.10	3.24	4.28	5.29	6.26	7.24	8.26	9.26	10.30	11.37	11.37	5 / 6			
	reaction time	interval	1.14	1.04	1.01	0.97	0.98	1.02	1.00	1.04	1.07	=PB	# of strides	4.28	2.96	3.06
	velocity	4.76	8.77	9.62	9.90	10.31	10.20	9.80	10.00	9.62	9.35	8.80		7.01	10.14	9.80
Alexander, Erica (USA) (1990)	time	2.10	3.27	4.30	5.30	6.31	7.36	8.34	9.38	10.43	11.52	11.52	8 / 7			
	reaction time	interval	1.17	1.03	1.00	1.01	1.05	0.98	1.04	1.05	1.09		# of strides	4.30	3.06	3.07
	velocity	4.76	8.55	9.71	10.00	9.90	9.52	10.20	9.62	9.52	9.17	8.68		6.98	9.80	9.77
Brookins, LaKya (USA) (1989)	time	2.10	3.22	4.28	5.29	6.28	7.29	8.29	9.31	10.38	11.56	11.56	1 / 8			
	reaction time	interval	1.12	1.06	1.01	0.99	1.01	1.00	1.02	1.07	1.18		# of strides	4.28	3.01	3.09
	velocity	4.76	8.93	9.43	9.90	10.10	9.90	10.00	9.80	9.35	8.47	8.65		7.01	9.97	9.71

2006 Osaka Grand Prix (Osaka, JPN)**FINAL**

date 06-May-06 wind 2.6 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
Felix, Allyson (USA) (1985)	time	2.04	3.18	4.20	5.20	6.17	7.14	8.10	9.08	10.08	11.11	11.11	/ 1			
	reaction time	interval	1.14	1.02	1.00	0.97	0.97	0.96	0.98	1.00	1.03		# of strides	4.20	2.94	2.94
	velocity	4.90	8.77	9.80	10.00	10.31	10.31	10.42	10.20	10.00	9.71	9.00		7.14	10.20	10.20
Durst, Stephanie (USA) (1982)	time	2.05	3.18	4.22	5.22	6.19	7.16	8.13	9.12	10.12	11.16	11.16	/ 2			
	reaction time	interval	1.13	1.04	1.00	0.97	0.97	0.97	0.99	1.00	1.04		# of strides	4.22	2.94	2.96
	velocity	4.88	8.85	9.62	10.00	10.31	10.31	10.31	10.10	10.00	9.62	8.96		7.11	10.20	10.14
Nobuoka, Sakie (JPN) (1977)	time	2.09	3.24	4.30	5.33	6.34	7.36	8.37	9.41	10.46	11.53	11.53	/ 5			
	reaction time	interval	1.15	1.06	1.03	1.01	1.02	1.01	1.04	1.05	1.07		# of strides	4.30	3.06	3.10
	velocity	4.78	8.70	9.43	9.71	9.90	9.80	9.90	9.62	9.52	9.35	8.67		6.98	9.80	9.68

2006 Mikio Oda Memorial (Hiroshima, JPN)**Heat 1**

date 29-Apr-06 wind 2.5 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
Kitakaze, Saori (JPN) (1985)	time	1.99	3.15	4.21	5.25	6.27	7.29	8.33	9.38	10.47	11.59	11.59	/ 1			
	reaction time	interval	1.16	1.06	1.04	1.02	1.02	1.04	1.05	1.09	1.12		# of strides	4.21	3.08	3.18
	velocity	5.03	8.62	9.43	9.62	9.80	9.80	9.62	9.52	9.17	8.93	8.63		7.13	9.74	9.43

2005 European U23 Championships (Erfurt, GER)**FINAL**

date 16-Aug-05 wind 1.5 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
Karastamati, Maria (GRE) (1984)	time	3.17	4.19	5.17		7.08		9.02		11.03	11.03	11.03	/ 1			
	reaction time	0.187	interval	1.02	0.98	1.91		1.94		2.01	CR / PB		# of strides	4.19	2.89	
	velocity	6.31	9.80	10.20		10.47		10.31		9.95	9.07			7.16	10.38	

2005 IAAF World Championships (Helsinki, FIN)**FINAL**

date 08-Aug-05 wind 1.3 m/s

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Williams, Lauryn (USA) (1983)	0.146	no information available										10.93	6 / 1		# of strides	53.5
Campbell-Brown, Veronica (JAM)	0.139	no information available										10.95	4 / 2		# of strides	49.2
Arron, Christine (FRA) (1973)	0.165	no information available										10.98	5 / 3		# of strides	46.0
Sturup, Chandra (BAH) (1971)	0.113	no information available										11.09	3 / 4		# of strides	51.0
Barber, Me'Lisa (USA) (1980)	0.120	no information available										11.09	2 / 5		# of strides	51.0
Simpson, Sherone (JAM) (1984)	0.132	no information available										11.09	1 / 6		# of strides	48.0
Lee, Muna (USA) (1983)	0.153	no information available										11.09	8 / 7		# of strides	48.0
Nestiarenka, Yulia (BLR) (1979)	0.144	no information available										11.13	7 / 8		# of strides	48.7

2005 USATF National Championship (Carson, CA)**FINAL**

date 25-Jun-05 wind -1.6 m/s

USATF Women's Sprint Development (2005)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Barber, Me'Lisa (USA) (1980)	time	1.99	3.12	4.15	5.16	6.13	7.11	8.07	9.07	10.04	11.10	11.10	6 / 1			
	reaction time	interval	1.13	1.03	1.01	0.97	0.98	0.96	1.00	0.97	1.06		# of strides	4.15	2.96	2.93
	velocity	5.03	8.85	9.71	9.90	10.31	10.20	10.42	10.00	10.31	9.43	9.01		51.2	7.23	10.14
Lee, Muna (USA) (1981)	time	2.05	3.21	4.25	5.27	6.26	7.26	8.21	9.23	10.26	11.28	11.28	5 / 2			
	reaction time	interval	1.16	1.04	1.02	0.99	1.00	0.95	1.02	1.03	1.02		# of strides	4.25	3.01	3.00
	velocity	4.88	8.62	9.62	9.80	10.10	10.00	10.53	9.80	9.71	9.80	8.87		49.2	7.06	9.97
Williams, Lauryn (USA) (1983)	time	2.05	3.20	4.24	5.25	6.24	7.22	8.21	9.21	10.24	11.29	11.29	1 / 3			
	reaction time	interval	1.15	1.04	1.01	0.99	0.98	0.99	1.00	1.03	1.05		# of strides	4.24	2.98	3.02
	velocity	4.88	8.70	9.62	9.90	10.10	10.20	10.10	10.00	9.71	9.52	8.86		54.0	7.08	10.07

Smith, Rachele (USA) (1981)	time	2.02	3.17	4.23	5.28	6.27	7.27	8.23	9.26	10.28	11.31	11.31	4 / 4			
	reaction time		1.15	1.06	1.05	0.99	1.00	0.96	1.03	1.02	1.03		# of strides	4.23	3.04	3.01
	velocity	4.95	8.70	9.43	9.52	10.10	10.00	10.42	9.71	9.80	9.71	8.84	50.5	7.09	9.87	9.97
Hooker, Marshevet (USA) (1984)	time	2.03	3.25	4.29	5.31	6.29	7.31	8.26	9.28	10.29	11.33	11.33	8 / 5			
	reaction time		1.22	1.04	1.02	0.98	1.02	0.95	1.02	1.01	1.04		# of strides	4.29	3.02	2.98
	velocity	4.93	8.20	9.62	9.80	10.20	9.80	10.53	9.80	9.90	9.62	8.83	47.7	6.99	9.93	10.07
Daigle, Angela (USA) (1976)	time	1.99	3.14	4.18	5.19	6.21	7.23	8.21	9.24	10.31	11.41	11.41	7 / 6			
	reaction time		1.15	1.04	1.01	1.02	1.02	0.98	1.03	1.07	1.10		# of strides	4.18	3.05	3.08
	velocity	5.03	8.70	9.62	9.90	9.80	9.80	10.20	9.71	9.35	9.09	8.76	52.5	7.18	9.84	9.74
Powell, Virginia (Ginnie) (USA) (1981)	time	2.04	3.17	4.22	5.27	6.27	7.26	8.29	9.36	10.37	11.50	11.50	2 / 7			
	reaction time		1.13	1.05	1.05	1.00	0.99	1.03	1.07	1.01	1.13		# of strides	4.22	3.04	3.11
	velocity	4.90	8.85	9.52	9.52	10.00	10.10	9.71	9.35	9.90	8.85	8.70	50.2	7.11	9.87	9.65
Moore, LaShaunte'a (USA) (1983)	time	2.05	3.27	4.35	5.44	6.45	7.47	8.47	9.53	10.58	11.64	11.64	9 / 8			
	reaction time		1.22	1.08	1.09	1.01	1.02	1.00	1.06	1.05	1.06		# of strides	4.35	3.12	3.11
	velocity	4.88	8.20	9.26	9.17	9.90	9.80	10.00	9.43	9.52	9.43	8.59	50.2	6.90	9.62	9.65
Williams, Angela (USA) (1980)	time	2.03	3.17	4.24	5.29	6.29	7.34	8.36	9.44	10.53	11.66	11.66	3 / 9			
	reaction time		1.14	1.07	1.05	1.00	1.05	1.02	1.08	1.09	1.13		# of strides	4.24	3.10	3.19
	velocity	4.93	8.77	9.35	9.52	10.00	9.52	9.80	9.26	9.17	8.85	8.58	52.0	7.08	9.68	9.40

Semi-Final 2

date 25-Jun-05		wind 2.1 m/s	USATF Women's Sprint Development (2005)													
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Smith, Rachele (USA) (1981)	time	2.02	3.17	4.17	5.14	6.13	7.13	8.06	9.03	10.01	11.02	11.02	5 / 1			
	reaction time		1.15	1.00	0.97	0.99	1.00	0.93	0.97	0.98	1.01		# of strides	4.17	2.96	2.88
	velocity	4.95	8.70	10.00	10.31	10.10	10.00	10.75	10.31	10.20	9.90	9.07		7.19	10.14	10.42
Daigle, Angela (USA) (1976)	time	2.02	3.14	4.14	5.11	6.13	7.11	8.06	9.04	10.04	11.09	11.09	6 / 2			
	reaction time		1.12	1.00	0.97	1.02	0.98	0.95	0.98	1.00	1.05		# of strides	4.14	2.97	2.93
	velocity	4.95	8.93	10.00	10.31	9.80	10.20	10.53	10.20	10.00	9.52	9.02		7.25	10.10	10.24
Hooker, Marshevet (USA) (1984)	time	2.07	3.20	4.24	5.19	6.19	7.16	8.12	9.11	10.07	11.11	11.11	7 / 3			
	reaction time		1.13	1.04	0.95	1.00	0.97	0.96	0.99	0.96	1.04		# of strides	4.24	2.92	2.91
	velocity	4.83	8.85	9.62	10.53	10.00	10.31	10.42	10.10	10.42	9.62	9.00		7.08	10.27	10.31
Powell, Virginia (Ginnie) (USA) (1981)	time	2.04	3.17	4.17	5.14	6.14	7.13	8.07	9.09	10.08	11.18	11.18	4 / 4			
	reaction time		1.13	1.00	0.97	1.00	0.99	0.94	1.02	0.99	1.10		# of strides	4.17	2.96	2.95
	velocity	4.90	8.85	10.00	10.31	10.00	10.10	10.64	9.80	10.10	9.09	8.94		7.19	10.14	10.17
Moore, Connie (USA) (1981)	time	2.14	3.30	4.37	5.37	6.37	7.34	8.33	9.34	10.31	11.36	11.36	9 / 5			
	reaction time		1.16	1.07	1.00	1.00	0.97	0.99	1.01	0.97	1.05		# of strides	4.37	2.97	2.97
	velocity	4.67	8.62	9.35	10.00	10.00	10.31	10.10	9.90	10.31	9.52	8.80		6.86	10.10	10.10
Weatherspoon, Alexis (USA) (1981)	time	2.04	3.17	4.23	5.22	6.24	7.26	8.24	9.29	10.29	11.37	11.37	8 / 6			
	reaction time		1.13	1.06	0.99	1.02	1.02	0.98	1.05	1.00	1.08		# of strides	4.23	3.03	3.03
	velocity	4.90	8.85	9.43	10.10	9.80	9.80	10.20	9.52	10.00	9.26	8.80		7.09	9.90	9.90
Solomon, Shalonda (USA) (1985)	time	2.12	3.25	4.32	5.31	6.34	7.33	8.31	9.33	10.36	11.39	11.39	1 / 7			
	reaction time		1.13	1.07	0.99	1.03	0.99	0.98	1.02	1.03	1.03		# of strides	4.32	3.01	3.03
	velocity	4.72	8.85	9.35	10.10	9.71	10.10	10.20	9.80	9.71	9.71	8.78		6.94	9.97	9.90
Lapsley, Andriane (USA) (1983)	time	2.14	3.29	4.33	5.36	6.39	7.39	8.39	9.44	10.48	11.55	11.55	2 / 8			
	reaction time		1.15	1.04	1.03	1.03	1.00	1.00	1.05	1.04	1.07		# of strides	4.33	3.06	3.09
	velocity	4.67	8.70	9.62	9.71	9.71	10.00	10.00	9.52	9.62	9.35	8.66		6.93	9.80	9.71
Ivery, Lakadron (USA) (1983)	time	2.15	3.29	4.35	5.37	6.39	7.41	8.41	9.44	10.48	11.55	11.55	3 / 9			
	reaction time		1.14	1.06	1.02	1.02	1.02	1.00	1.03	1.04	1.07		# of strides	4.35	3.06	3.07
	velocity	4.65	8.77	9.43	9.80	9.80	9.80	10.00	9.71	9.62	9.35	8.66		6.90	9.80	9.77

Semi-Final 1

date 25-Jun-05		wind 3.0 m/s	USATF Women's Sprint Development (2005)													
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Barber, Me'Lisa (USA) (1980)	time	2.04	3.12	4.12	5.08	6.04	6.99	7.93	8.89	9.88	10.87	10.87	6 / 1			
	reaction time		1.08	1.00	0.96	0.96	0.95	0.94	0.96	0.99	0.99		# of strides	4.12	2.87	2.89
	velocity	4.90	9.26	10.00	10.42	10.42	10.53	10.64	10.42	10.10	10.10	9.20		7.28	10.45	10.38
Lee, Muna (USA) (1981)	time	2.07	3.19	4.20	5.14	6.14	7.08	8.01	8.99	9.94	10.99	10.99	4 / 2			
	reaction time		1.12	1.01	0.94	1.00	0.94	0.93	0.98	0.95	1.05		# of strides	4.20	2.88	2.86
	velocity	4.83	8.93	9.90	10.64	10.00	10.64	10.75	10.20	10.53	9.52	9.10		7.14	10.42	10.49
Williams, Lauryn (USA) (1983)	time	2.07	3.16	4.17	5.16	6.11	7.08	8.04	9.04	10.03	11.05	11.05	7 / 3			
	reaction time		1.09	1.01	0.99	0.95	0.97	0.96	1.00	0.99	1.02		# of strides	4.17	2.91	2.95
	velocity	4.83	9.17	9.90	10.10	10.53	10.31	10.42	10.00	10.10	9.80	9.05		7.19	10.31	10.17

Williams, Angela (USA) (1980)	time	2.02	3.14	4.15	5.14	6.14	7.13	8.11	9.15	10.17	11.25	11.25	3 / 4			
	reaction time		1.12	1.01	0.99	1.00	0.99	0.98	1.04	1.02	1.08		# of strides	4.15	2.98	3.04
	velocity	4.95	8.93	9.90	10.10	10.00	10.10	10.20	9.62	9.80	9.26	8.89		7.23	10.07	9.87
Moore, LaShaunte'a (USA) (1983)	time	2.14	3.25	4.31	5.31	6.29	7.27	8.23	9.24	10.23	11.25	11.25	5 / 5			
	reaction time		1.11	1.06	1.00	0.98	0.98	0.96	1.01	0.99	1.02		# of strides	4.31	2.96	2.96
	velocity	4.67	9.01	9.43	10.00	10.20	10.20	10.42	9.90	10.10	9.80	8.89		6.96	10.14	10.14
Brice, Tremedia (USA) (1981)	time	2.10	3.22	4.29	5.29	6.30	7.29	8.26	9.27	10.29	11.36	11.36	1 / 6			
	reaction time		1.12	1.07	1.00	1.01	0.99	0.97	1.01	1.02	1.07		# of strides	4.29	3.00	3.00
	velocity	4.76	8.93	9.35	10.00	9.90	10.10	10.31	9.90	9.80	9.35	8.80		6.99	10.00	10.00
Whipple, Erica (USA) (1982)	time	2.12	3.27	4.34	5.34	6.32	7.31	8.31	9.33	10.36	11.39	11.39	9 / 7			
	reaction time		1.15	1.07	1.00	0.98	0.99	1.00	1.02	1.03	1.03		# of strides	4.34	2.97	3.05
	velocity	4.72	8.70	9.35	10.00	10.20	10.10	10.00	9.80	9.71	9.71	8.78		6.91	10.10	9.84
Rhett, Amandi (USA) (1982)	time	2.08	3.25	4.32	5.32	6.34	7.32	8.31	9.34	10.38	11.45	11.45	8 / 8			
	reaction time		1.17	1.07	1.00	1.02	0.98	0.99	1.03	1.04	1.07		# of strides	4.32	3.00	3.06
	velocity	4.81	8.55	9.35	10.00	9.80	10.20	10.10	9.71	9.62	9.35	8.73		6.94	10.00	9.80
Myrick, Wyllesheia (USA) (1979)	time	2.06	3.22	4.27	5.28	6.31	7.36	8.48	9.84	11.60	16.44	16.44	2 / 9			
	reaction time		1.16	1.05	1.01	1.03	1.05	1.12	1.36	1.76	4.84		# of strides	4.27	3.09	4.24
	velocity	4.85	8.62	9.52	9.90	9.71	9.52	8.93	7.35	5.68	2.07	6.08		7.03	9.71	7.08

Heat 3

date 24-Jun-05		wind 1.4 m/s		USATF Women's Sprint Development (2005)												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Barber, Me'Lisa (USA) (1980)	time	1.99	3.16	4.17	5.14	6.13	7.12	8.05	9.04	10.04	11.04	11.04	4 / 1			
	reaction time		1.17	1.01	0.97	0.99	0.99	0.93	0.99	1.00	1.00	PB	# of strides	4.17	2.95	2.92
	velocity	5.03	8.55	9.90	10.31	10.10	10.10	10.75	10.10	10.00	10.00	9.06		7.19	10.17	10.27
Lee, Muna (USA) (1981)	time	2.10	3.27	4.27	5.26	6.26	7.21	8.16	9.18	10.17	11.21	11.21	6 / 2			
	reaction time		1.17	1.00	0.99	1.00	0.95	0.95	1.02	0.99	1.04		# of strides	4.27	2.94	2.96
	velocity	4.76	8.55	10.00	10.10	10.00	10.53	10.53	9.80	10.10	9.62	8.92		7.03	10.20	10.14
Smith, Rachelle (USA) (1981)	time	2.05	3.22	4.24	5.22	6.26	7.22	8.22	9.21	10.23	11.23	11.23	6 / 3			
	reaction time		1.17	1.02	0.98	1.04	0.96	1.00	0.99	1.02	1.00		# of strides	4.24	2.98	3.01
	velocity	4.88	8.55	9.80	10.20	9.62	10.42	10.00	10.10	9.80	10.00	8.90		7.08	10.07	9.97
Solomon, Shalonda (USA) (1985)	time	2.08	3.25	4.34	5.36	6.39	7.36	8.38	9.38	10.39	11.46	11.46	3 / 4			
	reaction time		1.17	1.09	1.02	1.03	0.97	1.02	1.00	1.01	1.07		# of strides	4.34	3.02	3.03
	velocity	4.81	8.55	9.17	9.80	9.71	10.31	9.80	10.00	9.90	9.35	8.73		6.91	9.93	9.90
Moore, Connie (USA) (1981)	time	2.14	3.34	4.39	5.44	6.42	7.41	8.39	9.39	10.44	11.47	11.47	9 / 5			
	reaction time		1.20	1.05	1.05	0.98	0.99	0.98	1.00	1.05	1.03		# of strides	4.39	3.02	3.03
	velocity	4.67	8.33	9.52	9.52	10.20	10.10	10.20	10.00	9.52	9.71	8.72		6.83	9.93	9.90
Rhett, Amandi (USA) (1982)	time	2.10	3.27	4.35	5.39	6.39	7.41	8.42	9.46	10.50	11.57	11.57	5 / 6			
	reaction time		1.17	1.08	1.04	1.00	1.02	1.01	1.04	1.04	1.07		# of strides	4.35	3.06	3.09
	velocity	4.76	8.55	9.26	9.62	10.00	9.80	9.90	9.62	9.62	9.35	8.64		6.90	9.80	9.71
Ratcliff, LaShawndra (USA) (1982)	time	2.14	3.34	4.40	5.44	6.49	7.54	8.57	9.68	10.77	11.89	11.89	7 / 7			
	reaction time		1.20	1.06	1.04	1.05	1.05	1.03	1.11	1.09	1.12		# of strides	4.40	3.14	3.23
	velocity	4.67	8.33	9.43	9.62	9.52	9.52	9.71	9.01	9.17	8.93	8.41		6.82	9.55	9.29

Heat 2

date 24-Jun-05		wind -0.7 m/s		USATF Women's Sprint Development (2005)												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hooker, Marshevet (USA) (1984)	time	2.05	3.26	4.29	5.30	6.27	7.27	8.23	9.27	10.28	11.32	11.32	8 / 1			
	reaction time		1.21	1.03	1.01	0.97	1.00	0.96	1.04	1.01	1.04		# of strides	4.29	2.98	3.01
	velocity	4.88	8.26	9.71	9.90	10.31	10.00	10.42	9.62	9.90	9.62	8.83		6.99	10.07	9.97
Williams, Lauryn (USA) (1983)	time	2.08	3.22	4.29	5.29	6.29	7.27	8.22	9.26	10.28	11.33	11.33	7 / 2			
	reaction time		1.14	1.07	1.00	1.00	0.98	0.95	1.04	1.02	1.05		# of strides	4.29	2.98	3.01
	velocity	4.81	8.77	9.35	10.00	10.00	10.20	10.53	9.62	9.80	9.52	8.83		6.99	10.07	9.97
Moore, LaShaunte'a (USA) (1983)	time	2.12	3.27	4.34	5.36	6.39	7.41	8.41	9.44	10.51	11.55	11.55	4 / 3			
	reaction time		1.15	1.07	1.02	1.03	1.02	1.00	1.03	1.07	1.04		# of strides	4.34	3.07	3.10
	velocity	4.72	8.70	9.35	9.80	9.71	9.80	10.00	9.71	9.35	9.62	8.66		6.91	9.77	9.68
Ivery, Lakadron (USA) (1983)	time	2.10	3.25	4.32	5.34	6.37	7.39	8.41	9.50	10.53	11.64	11.64	3 / 4			
	reaction time		1.15	1.07	1.02	1.03	1.02	1.02	1.09	1.03	1.11		# of strides	4.32	3.07	3.14
	velocity	4.76	8.70	9.35	9.80	9.71	9.80	9.80	9.17	9.71	9.01	8.59		6.94	9.77	9.55
Myrick, Wyllesheia (USA) (1979)	time	2.14	3.31	4.35	5.39	6.41	7.42	8.43	9.50	10.59	11.67	11.67	9 / 5			
	reaction time		1.17	1.04	1.04	1.02	1.01	1.01	1.07	1.09	1.08		# of strides	4.35	3.07	3.17

date		wind -1.4 m/s										USATF Women's Sprint Development (2004)					
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
2002)	time	2.07	3.22	4.27	5.28	6.22	7.21	8.18	9.17	10.23	11.28	11.28	2 / 1				
	interval		1.15	1.05	1.01	0.94	0.99	0.97	0.99	1.06	1.05		# of strides	4.27	2.94	3.02	
	velocity	4.83	8.70	9.52	9.90	10.64	10.10	10.31	10.10	9.43	9.52		8.87	50.2	7.03	10.20	9.93
1970)	time	2.12	3.27	4.31	5.34	6.29	7.29	8.28	9.26	10.33	11.39	11.39	7 / 2				
	interval		1.15	1.04	1.03	0.95	1.00	0.99	0.98	1.07	1.06	DV	# of strides	4.31	2.98	3.04	
	velocity	4.72	8.70	9.62	9.71	10.53	10.00	10.10	10.20	9.35	9.43	8.78	51.0	6.96	10.07	9.87	
2001) (1979)	time	2.12	3.25	4.30	5.31	6.29	7.27	8.28	9.28	10.35	11.42	11.42	3 / 3 2				
	interval		1.13	1.05	1.01	0.98	0.98	1.01	1.00	1.07	1.07		# of strides	4.30	2.97	3.08	
	velocity	4.72	8.85	9.52	9.90	10.20	10.20	9.90	10.00	9.35	9.35	8.76	52.0	6.98	10.10	9.74	
1981)	time	2.16	3.30	4.37	5.38	6.36	7.36	8.33	9.38	10.39	11.47	11.47	6 / 4 3				
	interval		1.14	1.07	1.01	0.98	1.00	0.97	1.05	1.01	1.08		# of strides	4.37	2.99	3.03	
	velocity	4.63	8.77	9.35	9.90	10.20	10.00	10.31	9.52	9.90	9.26	8.72	54.5	6.86	10.03	9.90	
2000) (1976)	time	2.15	3.30	4.32	5.34	6.32	7.34	8.32	9.39	10.44	11.53	11.53	4 / 5 4				
	interval		1.15	1.02	1.02	0.98	1.02	0.98	1.07	1.05	1.09		# of strides	4.32	3.02	3.10	
	velocity	4.65	8.70	9.80	9.80	10.20	9.80	10.20	9.35	9.52	9.17	8.67	54.2	6.94	9.93	9.68	
1982)	time	2.15	3.32	4.37	5.44	6.42	7.46	8.46	9.53	10.59	11.72	11.72	5 / 6 5				
	interval		1.17	1.05	1.07	0.98	1.04	1.00	1.07	1.06	1.13		# of strides	4.37	3.09	3.13	
	velocity	4.65	8.55	9.52	9.35	10.20	9.62	10.00	9.35	9.43	8.85	8.53	55.7	6.86	9.71	9.58	

		date	09-Jul-04	wind - 1.6 m/s									USATF Women's Sprint Development (2004)						
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
A) (1976)	time			2.12	3.25	4.31	5.30	6.26	7.24	8.21	9.21	10.23	11.35	11.35	6 / 1				
	interval				1.13	1.06	0.99	0.96	0.98	0.97	1.00	1.02	1.12		# of strides	4.31	2.93	2.99	
	velocity			4.72	8.85	9.43	10.10	10.42	10.20	10.31	10.00	9.80	8.93	8.81	51.2	6.96	10.24	10.03	
B) (1975)	time			2.09	3.22	4.26	5.24	6.21	7.20	8.22	9.21	10.23	11.38	11.38	3 / 2				
	interval				1.13	1.04	0.98	0.97	0.99	1.02	0.99	1.02	1.15	DV	# of strides	4.26	2.94	3.03	
	velocity			4.78	8.85	9.62	10.20	10.31	10.10	9.80	10.10	9.80	8.70	8.79	48.7	7.04	10.20	9.90	
C) (1980)	time			2.09	3.21	4.23	5.22	6.19	7.20	8.22	9.23	10.34	11.47	11.47	4 / 3-2				
	interval				1.12	1.02	0.99	0.97	1.01	1.02	1.01	1.11	1.13		# of strides	4.23	2.97	3.14	
	velocity			4.78	8.93	9.80	10.10	10.31	9.90	9.80	9.90	9.01	8.85	8.72	51.2	7.09	10.10	9.55	
D) (1983)	time			2.12	3.30	4.36	5.41	6.39	7.44	8.47	9.54	10.58	11.72	11.72	5 / 4-3				
	interval				1.18	1.06	1.05	0.98	1.05	1.03	1.07	1.04	1.14		# of strides	4.36	3.08	3.14	
	velocity			4.72	8.47	9.43	9.52	10.20	9.52	9.71	9.35	9.62	8.77	8.53	49.0	6.88	9.74	9.55	
E) (1979)	time			2.09	3.23	4.31	5.34	6.34	7.39	8.43	9.49	10.58	11.72	11.72	7 / 5-4				
	interval				1.14	1.08	1.03	1.00	1.05	1.04	1.06	1.09	1.14		# of strides	4.31	3.08	3.19	
	velocity			4.78	8.77	9.26	9.71	10.00	9.52	9.62	9.43	9.17	8.77	8.53	53.0	6.96	9.74	9.40	
F) (1979)	time			2.15	3.32	4.37	5.38	6.36	7.41	8.46	9.51	10.60	11.76	11.76	2 / 6-5				
	interval				1.17	1.05	1.01	0.98	1.05	1.05	1.05	1.09	1.16		# of strides	4.37	3.04	3.19	
	velocity			4.65	8.55	9.52	9.90	10.20	9.52	9.52	9.52	9.17	8.62	8.50	51.0	6.86	9.87	9.40	

	date	24-Aug-03	wind 0.9 m/s														
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
7)		0.184	no information available									DV	10.85	5 / 4			
977)		0.133	no information available										10.93	1 / 2 1			
972)		0.160	no information available									DV	10.99	2 / 3			
)(1971)		0.136	no information available										11.02	6 / 4 2			
)(1975)		0.219	no information available										11.03	4 / 5 3			
)(1973)		0.182	no information available										11.06	3 / 6 4			

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

FINAL

NAME	date	wind 1.2 m/s										Grosser (2007) - Schnelligkeitsairtraining				
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Paschke, Melanie (GER) (1970)	time	1.98	3.12	4.15	5.16	6.16	7.14	8.14	9.14	10.15	11.18	11.18	/ 1			
	reaction time		1.14	1.03	1.01	1.00	0.98	1.00	1.00	1.01	1.03		# of strides	4.15	2.99	3.01
	velocity	5.05	8.77	9.71	9.90	10.00	10.20	10.00	10.00	9.90	9.71	8.94		7.23	10.03	9.97

FINAL

		date	21-Jun-97	wind 0.6 m/s										Jung (2003) - http://www.fgs.uni-halle.de				
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Voronova, Natalya (RUS) (1965)	time			2.08		4.28			7.23		9.20		11.18	11.18	/ 1			
	reaction time					2.20			2.95		1.97		1.98		# of strides	4.28	2.95	
	velocity			4.81		4.67			10.17		10.15		10.10	8.94		7.01	10.17	
Philipp, Andrea (GER) (1971)	time			2.01		4.25			7.22		9.21		11.23	11.23	/ 2			
	reaction time					2.24			2.97		1.99		2.02		# of strides	4.25	2.97	
	velocity			4.98		4.71			10.10		10.05		9.90	8.90		7.06	10.10	
Safronnikova, Natallia (BLR) (197	time			2.07		4.29			7.28		9.32		11.41	11.41	/ 3			
	reaction time					2.22			2.99		2.04		2.09		# of strides	4.29	2.99	
	velocity			4.83		4.66			10.03		9.80		9.57	8.76		6.99	10.03	
Bangué, Frédérique (FRA) (1976)	time			2.17		4.34			7.34		9.39		11.48	11.48	/ 4			
	reaction time					2.17			3.00		2.05		2.09		# of strides	4.34	3.00	
	velocity			4.61		4.61			10.00		9.76		9.57	8.71		6.91	10.00	
Jacobs, Simmone (GBR) (1966)	time			2.03		4.35			7.40		9.45		11.55	11.55	/ 5			
	reaction time					2.32			3.05		2.05		2.10		# of strides	4.35	3.05	
	velocity			4.93		4.60			9.84		9.76		9.52	8.66		6.90	9.84	
Levorato, Manuela (ITA) (1977)	time			2.20		4.45			7.54		9.62		11.74	11.74	/ 6			
	reaction time					2.25			3.09		2.08		2.12		# of strides	4.45	3.09	
	velocity			4.55		4.49			9.71		9.62		9.43	8.52		6.74	9.71	
Fomenko, Viktoriya (UKR) (1970)	time			2.11		4.37			7.50		9.61		11.76	11.76	/ 7			
	reaction time					2.26			3.13		2.11		2.15		# of strides	4.37	3.13	
	velocity			4.74		4.58			9.58		9.48		9.30	8.50		6.86	9.58	
Niculae, Erica (ROU) (1973)	time			2.13		4.41			7.56		9.70		11.89	11.89	/ 8			
	reaction time					2.28			3.15		2.14		2.19		# of strides	4.41	3.15	
	velocity			4.69		4.54			9.52		9.35		9.13	8.41		6.80	9.52	

FINAL

INBAL	date	08-Jun-97	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	
	Philipp, Andrea (GER) (1971)	time	1.99		4.19			7.11		9.06		11.05	11.05	/ 1				
	reaction time	interval			2.20			2.92		1.95		1.99	PB	# of strides	4.19	2.92		
		velocity	5.03		9.09			10.27		10.26		10.05	9.05		7.16	10.27		

FINAL

NAME	date	wind -0.7 m/s										Official Time	Lane / Place	0-30m	30-60m	60-90m
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m					
Devers, Gail (USA) (1966)	0.166	no information available										10.94	3 / 1			
Ottoy, Merlene (JAM) (1960)	0.166	no information available										10.94	4 / 2			
Torrence, Gwen (USA) (1965)	0.151	no information available										10.96	6 / 3			
Sturruy, Chandra (BAH) (1971)	0.176	no information available										11.00	8 / 4			
Trandenkova, Marina (RUS) (1967)	0.151	no information available										11.06	2 / 5			
Voronova, Natalya (RUS) (1965)	0.133	no information available										11.10	1 / 6			
Onyali, Mary (NGR) (1968)	0.174	no information available										11.13	5 / 7			
Pintusevich, Zhanna (UKR) (1972)	0.176	no information available										11.14	7 / 8			

date	01-Aug-96	wind	0.4 m/s	<i>Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997</i>											
	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

reaction time	interval	1.14	1.07	0.97	1.01	1.00			# of strides	4.27	2.98
	velocity	4.85	8.77	9.35	10.31	9.90	10.00	8.28		7.03	10.07
Rakotondrabe, Hanitriniana (MAI)	time	2.08	3.24	4.28	5.29	6.30	7.31	7.31	/ 2		
reaction time	interval		1.16	1.04	1.01	1.01	1.01		# of strides	4.28	3.03
	velocity	4.81	8.62	9.62	9.90	9.90	9.90	8.21		7.01	9.90
Dogbo, Marie-Joëlle (FRA) (1975)	time	2.09	3.26	4.32	5.35	6.37	7.39	7.39	/ 3		
reaction time	interval		1.17	1.06	1.03	1.02	1.02		# of strides	4.32	3.07
	velocity	4.78	8.55	9.43	9.71	9.80	9.80	8.12		6.94	9.77
Droual, Laurence (FRA) (1971)	time	2.02	3.19	4.26	5.30	6.37	7.43	7.43	/ 4		
reaction time	interval		1.17	1.07	1.04	1.07	1.06		# of strides	4.26	3.17
	velocity	4.95	8.55	9.35	9.62	9.35	9.43	8.08		7.04	9.46
Dia, N'Deye Binta (SEN) (1973)	time	2.06	3.24	4.31	5.36	6.42	7.46	7.46	/ 5		
reaction time	interval		1.18	1.07	1.05	1.06	1.04		# of strides	4.31	3.15
	velocity	4.85	8.47	9.35	9.52	9.43	9.62	8.04		6.96	9.52
Singa, Odile (FRA) (1967)	time	2.05	3.24	4.30	5.36	6.40	7.47	7.47	/ 6		
reaction time	interval		1.19	1.06	1.06	1.04	1.07		# of strides	4.30	3.17
	velocity	4.88	8.40	9.43	9.43	9.62	9.35	8.03		6.98	9.46

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
Sidibé, Odiah (FRA) (1970)	time	2.12	3.26	4.30	5.31	6.31	7.31	7.31	/ 1		
reaction time	interval		1.14	1.04	1.01	1.00	1.00		# of strides	4.30	3.01
	velocity	4.72	8.77	9.62	9.90	10.00	10.00	8.21		6.98	9.97
Droual, Laurence (FRA) (1971)	time	2.01	3.18	4.24	5.29	6.34	7.43	7.43	/ 2		
reaction time	interval		1.17	1.06	1.05	1.05	1.09		# of strides	4.24	3.19
	velocity	4.98	8.55	9.43	9.52	9.52	9.17	8.08		7.08	9.40
Singa, Odile (FRA) (1967)	time	2.04	3.22	4.29	5.35	6.39	7.46	7.46	/ 3		
reaction time	interval		1.18	1.07	1.06	1.04	1.07		# of strides	4.29	3.17
	velocity	4.90	8.47	9.35	9.43	9.62	9.35	8.04		6.99	9.46
Dia, N'Deye Binta (SEN) (1973)	time	2.10	3.28	4.35	5.39	6.43	7.47	7.47	/ 4		
reaction time	interval		1.18	1.07	1.04	1.04	1.04		# of strides	4.35	3.12
	velocity	4.76	8.47	9.35	9.62	9.62	9.62	8.03		6.90	9.62
Faulon, Marie-Noëlle (FRA) (1971)	time	2.10	3.28	4.34	5.38	6.42	7.50	7.50	/ 5		
reaction time	interval		1.18	1.06	1.04	1.04	1.08		# of strides	4.34	3.16
	velocity	4.76	8.47	9.43	9.62	9.62	9.26	8.00		6.91	9.49

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
Rakotondrabe, Hanitriniana (MAI)	time	2.02	3.27	4.34	5.36	6.37	7.40	7.40	/ 1		
reaction time	interval		1.25	1.07	1.02	1.01	1.03		# of strides	4.34	3.06
	velocity	4.95	8.00	9.35	9.80	9.90	9.71	8.11		6.91	9.80
Dogbo, Marie-Joëlle (FRA) (1975)	time	2.02	3.28	4.35	5.39	6.40	7.43	7.43	/ 2		
reaction time	interval		1.26	1.07	1.04	1.01	1.03		# of strides	4.35	3.08
	velocity	4.95	7.94	9.35	9.62	9.90	9.71	8.08		6.90	9.74
Nana, Lynda (FRA) (1978)	time	1.99	3.25	4.32	5.38	6.43	7.48	7.48	/ 3		
reaction time	interval		1.26	1.07	1.06	1.05	1.05		# of strides	4.32	3.16
	velocity	5.03	7.94	9.35	9.43	9.52	9.52	8.02		6.94	9.49
Fermely, Francette (FRA) (1969)	time	2.01	3.28	4.36	5.42	6.47	7.52	7.52	/ 4		
reaction time	interval		1.27	1.08	1.06	1.05	1.05		# of strides	4.36	3.16
	velocity	4.98	7.87	9.26	9.43	9.52	9.52	7.98		6.88	9.49
Allen, Liliana (CUB) (1970)	time	2.00	3.28	4.36	5.43	6.47	7.53	7.53	/ 5		
reaction time	interval		1.28	1.08	1.07	1.04	1.06		# of strides	4.36	3.17
	velocity	5.00	7.81	9.26	9.35	9.62	9.43	7.97		6.88	9.46
Polin-Fokoua, Nathalie (FRA) (1971)	time	2.17	3.38	4.47	5.56	6.60	7.68	7.68	/ 6		
reaction time	interval		1.21	1.09	1.09	1.04	1.08		# of strides	4.47	3.21
	velocity	4.61	8.26	9.17	9.17	9.62	9.26	7.81		6.71	9.35

1995 IAAF World Championships (Göteborg, SWE)

FINAL

date 07-Aug-95

wind 0.9 m/s

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Torrence, Gwen (USA) (1965)	0.135	no information available										10.85	5 / 1		# of strides	49.5

FINAL

1988 Olympic Games (Seoul, KOR)

FINAL

Semi-Final 2

emi-Final 2		date	25-Sep-88		wind	2.6 m/s		Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988												
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Griffith-Joyner, Florence (USA)		time			2.01	3.12	4.14	5.13	6.07	6.99	7.92	8.84	9.76	10.70	10.70	5 / 1				
	reaction time	0.336	interval			1.11	1.02	0.99	0.94	0.92	0.93	0.92	0.92	0.94		# of strides	4.14	2.85	2.77	
	velocity				4.98	9.01	9.80	10.10	10.64	10.87	10.75	10.87	10.87	10.64	9.35		7.25	10.53	10.83	

semi-Final 2		date	08-Aug-83	wind	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
Ashford, Evelyn (USA) (1957)	time			3.12			5.15	6.11	7.05	8.03	8.99		10.99	10.99	8 / 1			
	reaction time	0.201	interval				2.03	0.96	0.94	0.98	0.96		2.00	CR	# of strides		7.05	
	velocity			6.41			9.85	10.42	10.64	10.20	10.42		10.00	9.10	50.5		4.26	

A FINAL

FINAL		date	08-Jun-83	wind	1.7 m/s	Bauersfeld (1992) - Grundlagen der leichtathletik: das standerwerk für ausbildung und praxis												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Göhr, Marlies (GDR) (1958)	time					4.14			6.98		8.86		10.81	10.81	/ 1			
	reaction time								2.84		1.88		1.95	WR	# of strides	4.14	2.84	
	velocity					7.25			10.56		10.64		10.26	9.25		7.25	10.56	
Tepper (1989) - zum entwicklungsstand und zum trainingsyste des ddr-frauenkurzsprints																		
Koch, Marita (GDR) (1957)	time					4.11			6.97		8.88		10.83	10.83	/ 2			
	reaction time								2.86		1.91		1.95	PB	# of strides	4.11	2.86	
	velocity					7.30			10.49		10.47		10.26	9.23		7.30	10.49	
Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdenisziplinen im olympiazyklus 1981/84																		
Gladisch, Silke (GDR) (1964)	time					4.20			7.09		9.04		11.03	11.03	/ 3			
	reaction time								2.89		1.95		1.99	PB	# of strides	4.20	2.89	
	velocity					7.14			10.38		10.26		10.05	9.07		7.14	10.38	

FINAL

NAME	date	21-Aug-82	wind	4.3 m/s	Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdenidisziplinen im olympiazyklus 1981/84															
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Gladisch, Silke (GDR) (1964)	time						4.35				7.34		9.34		11.33	11.33	/ 5			
	reaction time										2.99		2.00		1.99		# of strides	4.35	2.99	
	velocity										6.90				10.03	10.00	10.05	8.83		6.90 10.03

FINAL

INAL	date	01-Jul-82	wind	Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdenidisziplinen im olympiazyklus 1981/84													
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wöckel, Bärbel (GDR) (1955)	time				4.21			7.10		9.02		10.95	10.95	/ 2			
	reaction time	interval						2.89		1.92		1.93	PB	# of strides	4.21	2.89	
		velocity				7.13			10.38		10.42		10.36	9.13		7.13	10.38

1981

A FINAL

FINAL	date	13-Jun-81	wind	???	Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazklus 1981/84												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Auerswald, Ingrid (GDR) (1957)	time						4.30		7.25		9.26		11.34	11.34	???		
	reaction time								2.95		2.01		2.08		# of strides	4.30	2.95
	interval																
	velocity						6.98		10.17		9.95		9.62	8.82		6.98	10.17

FINAL

date	26-Jul-80	wind	1.0 m/s	Butler (2016) - IAAF statistics handbook- special edition: Games of the XXXI Olympiad- Rio 2016											
	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Leone, Guiseppina (ITA) (1934)	no information available	(12.07)	11.9	7 / 5	# of strides	56.0
Armitage, Heather (GBR) (1933)	no information available	(12.10)	12.0	4 / 6	# of strides	54.5

1952 Olympic Games (Helsinki, FIN)

FINAL

	date	22-Jul-52	wind 1.7 m/s								100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
				10m	20m	30m	40m	50m	60m	70m						
Jackson, Marjorie (AUS) (1931)			no information available								(11.67)	=WR	11.5	6 / 1	# of strides	52.7
Hasenjäger, Daphne (RSA) (1929)			no information available								(12.05)		11.8	3 / 2	# of strides	52.5
Strickland, Shirley (AUS) (1925)			no information available								(12.12)		11.9	5 / 3	# of strides	51.5
Cripps, Winsome (AUS) (1931)			no information available								(12.16)		11.9	7 / 4	# of strides	55.0
Sander, Maria (FRG) (1924)			no information available								(12.27)		12.0	4 / 5	# of strides	51.5
Faggs, Mae (USA) (1932)			no information available								(12.27)		12.1	2 / 6	# of strides	59.5

1948 Olympic Games (London, GBR)

FINAL

	date	02-Aug-48	wind against								100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
				10m	20m	30m	40m	50m	60m	70m						
Blankers-Koen, Fanny (NED) (1918)			no information available									11.9	4 / 1	# of strides	51.0	
Manley, Dorothy (GBR) (1927)			no information available									12.2	7 / 2	# of strides	50.7	
Strickland, Shirley (AUS) (1925)			no information available									12.2	5 / 3	# of strides	52.0	
Myers, Viola (CAN) (1927)			no information available									12.3e	2 / 4	# of strides	50.2	
Jones, Patricia (CAN) (1930)			no information available									12.3e	6 / 5	# of strides	52.0	
Thompson, Cynthia (JAM) (1923)			no information available									12.6	3 / 6	# of strides	54.0	

1936 Olympic Games (Berlin, GER)

FINAL

	date	04-Aug-36	wind 3.5 m/s								100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
				10m	20m	30m	40m	50m	60m	70m						
Stephens, Helen (USA) (1918)			no information available									11.5	5 / 1			
Walasiewicz, Stanisława (POL) (1911)			no information available									11.7	7 / 2			
Krauss, Käthe (GER) (1906)			no information available									11.9	6 / 3			
Dollinger, Marie (GER) (1910)			no information available									12.0	2 / 4			
Rogers, Annette (USA) (1913)			no information available									12.2	3 / 5			
Albus, Emmy (GER) (1911)			no information available									12.3	4 / 6			

1932 Olympic Games (Los Angeles, CA)

FINAL

	date	02-Aug-32	wind								100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
				10m	20m	30m	40m	50m	60m	70m						
Walasiewicz, Stanisława (POL) (1911)			no information available									11.9	6 / 1	# of strides	54.5	
Strike, Hilda (CAN) (1910)			no information available									11.9	4 / 2	# of strides	55.5	
Von Bremen, Wilhelmina (USA) (1909)			no information available									12.0	2 / 3	# of strides	49.7	
Dollinger, Marie (GER) (1910)			no information available									12.2e	5 / 4	# of strides	53.0	
Hiscock, Eileen (GBR) (1909)			no information available									12.3e	7 / 5	# of strides		
Wilde, Elizabeth (USA) (1913)			no information available									12.3e	3 / 6	# of strides	51.0	

1928 Olympic Games (Amsterdam, NED)

FINAL

	date	31-Jul-28	wind								100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
				10m	20m	30m	40m	50m	60m	70m						
Robinson, Betty (USA) (1911)			no information available									12.2	6 / 1	# of strides	50.5	
Rosenfeld, Fanny (CAN) (1904)			no information available									12.2e	7 / 2	# of strides	59.2	
Smith, Ethel (CAN) (1907)			no information available									12.3e	2 / 3	# of strides	53.5	
Steinberg, Erna (GER) (1911)			no information available									12.4e	5 / 4	# of strides	54.5	