

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		# 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	1.00	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			

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	0.97	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

	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	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

	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	interval	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	
	velocity		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	interval	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	
	velocity		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	interval	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	
	velocity		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	interval	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	
	velocity		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	interval	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	
	velocity		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	interval	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	
	velocity		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) (1997)	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	interval	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	
	velocity		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		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	10.10	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	10.10	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	10.31	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)

FINAL

		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
Alfred, Julien (LCA) (2001)	time				1.96	3.07	4.07	5.03	5.96	6.89	7.84	8.78	9.73	10.72	10.72	6 / 1			
	reaction time	0.144	interval			1.11	1.00	0.96	0.93	0.93	0.95	0.94	0.95	0.99	NR PB	# of strides	4.07	2.82	2.84
			velocity		5.10	9.01	10.00	10.42	10.75	10.75	10.53	10.64	10.53	10.10	9.33	49.0	7.37	10.64	10.56
Richardson, Sha'Carri (USA) (2001)	time				2.03	3.16	4.17	5.14	6.07	7.01	7.96	8.91	9.86	10.87	10.87	7 / 2			
	reaction time	0.221	interval			1.13	1.01	0.97	0.93	0.94	0.95	0.95	0.95	1.01		# of strides	4.17	2.84	2.85
			velocity		4.93	8.85	9.90	10.31	10.75	10.64	10.53	10.53	10.53	9.90	9.20	51.0	7.19	10.56	10.53
Jefferson, Melissa (USA) (2001)	time				1.99	3.13	4.15	5.12	6.07	7.02	7.99	8.95	9.92	10.92	10.92	5 / 3			
	reaction time	0.144	interval			1.14	1.02	0.97	0.95	0.95	0.97	0.96	0.97	1.00		# of strides	4.15	2.87	2.90
			velocity		5.03	8.77	9.80	10.31	10.53	10.53	10.31	10.42	10.31	10.00	9.16	50.5	7.23	10.45	10.34
Neita, Daryll (GBR) (1996)	time				1.98	3.12	4.15	5.11	6.07	7.03	7.99	8.96	9.93	10.96	10.96	8 / 4			
	reaction time	0.135	interval			1.14	1.03	0.96	0.96	0.96	0.96	0.97	0.97	1.03		# of strides	4.15	2.88	2.90
			velocity		5.05	8.77	9.71	10.42	10.42	10.42	10.42	10.31	10.31	9.71	9.12	46.5	7.23	10.42	10.34
Terry, Twanisha (USA) (1999)	time				2.02	3.15	4.17	5.13	6.10	7.04	8.01	8.98	9.96	10.97	10.97	9 / 5			
	reaction time	0.167	interval			1.13	1.02	0.96	0.97	0.94	0.97	0.97	0.98	1.01		# of strides	4.17	2.87	2.92
			velocity		4.95	8.85	9.80	10.42	10.31	10.64	10.31	10.31	10.20	9.90	9.12	51.2	7.19	10.45	10.27
Kambundji, Mujinga (SUI) (1992)	time				1.99	3.13	4.14	5.11	6.07	7.01	7.99	8.97	9.95	10.99	10.99	2 / 6			
	reaction time	0.136	interval			1.14	1.01	0.97	0.96	0.94	0.98	0.98	0.98	1.04		# of strides	4.14	2.87	2.94
			velocity		5.03	8.77	9.90	10.31	10.42	10.64	10.20	10.20	10.20	9.62	9.10	52.0	7.25	10.45	10.20
Clayton, Tia (JAM) (2004)	time				1.97	3.11	4.16	5.12	6.09	7.05	8.03	9.02	10.00	11.04	11.04	4 / 7			
	reaction time	0.160	interval			1.14	1.05	0.96	0.97	0.96	0.98	0.99	0.98	1.04		# of strides	4.16	2.89	2.95
			velocity		5.08	8.77	9.52	10.42	10.31	10.42	10.20	10.10	10.20	9.62	9.06	50.2	7.21	10.38	10.17
Ta Lou-Smith, Marie-Josée (CIV)	time				2.04	3.20	4.24	5.22	6.24	7.33	8.57	9.90	11.53	13.84	13.84	3 / 8			
	reaction time	0.143	interval			1.16	1.04	0.98	1.02	1.09	1.24	1.33	1.63	2.31		# of strides	4.24	3.09	4.20
			velocity		4.90	8.62	9.62	10.20	9.80	9.17	8.06	7.52	6.13	4.33	7.23		7.08	9.71	7.14

Semi-Final 3

		date	03-Aug-24	wind	0.2 m/s										Paris 2024 Olympic Games - Results Book (2024)				
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Clayton, Tia (JAM) (2004)	time				1.97	3.09	4.09	5.06	6.01	6.97	7.93	8.90	9.88	10.89	10.89	6 / 1			
	reaction time	0.155	interval			1.12	1.00	0.97	0.95	0.96	0.96	0.97	0.98	1.01		# of strides	4.09	2.88	2.91
			velocity		5.08	8.93	10.00	10.31	10.53	10.42	10.42	10.31	10.20	9.90	9.18	50.2	7.33	10.42	10.31
Neita, Daryll (GBR) (1996)	time				2.01	3.14	4.17	5.15	6.10	7.05	8.02	8.99	9.98	10.97	10.97	4 / 2			
	reaction time	0.131	interval			1.13	1.03	0.98	0.95	0.95	0.97	0.97	0.99	0.99		# of strides	4.17	2.88	2.93
			velocity		4.98	8.85	9.71	10.20	10.53	10.53	10.31	10.31	10.10	10.10	9.12	46.5	7.19	10.42	10.24
Terry, Twanisha (USA) (1999)	time				2.03	3.17	4.18	5.18	6.13	7.10	8.06	9.05	10.04	11.07	11.07	7 / 3			
	reaction time	0.161	interval			1.14	1.01	1.00	0.95	0.97	0.96	0.99	0.99	1.03		# of strides	4.18	2.92	2.94
			velocity		4.93	8.77	9.90	10.00	10.53	10.31	10.42	10.10	10.10	9.71	9.03	52.0	7.18	10.27	10.20
Lückenkemper, Gina (GER) (1996)	time				2.07	3.22	4.24	5.23	6.20	7.15	8.11	9.09	10.08	11.09	11.09	8 / 4			
	reaction time	0.200	interval			1.15	1.02	0.99	0.97	0.95	0.96	0.98	0.99	1.01		# of strides	4.24	2.91	2.93
			velocity		4.83	8.70	9.80	10.10	10.31	10.53	10.42	10.20	10.10	9.90	9.02	49.5	7.08	10.31	10.24
Leduc, Audrey (CAN) (1999)	time				2.04	3.19	4.20	5.19	6.15	7.12	8.09	9.08	10.07	11.10	11.10	5 / 5			
	reaction time	0.174	interval			1.15	1.01	0.99	0.96	0.97	0.97	0.99	0.99	1.03		# of strides	4.20	2.92	2.95
			velocity		4.90	8.70	9.90	10.10	10.42	10.31	10.31	10.10	10.10	9.71	9.01	48.0	7.14	10.27	10.17
Hobbs, Zoe (NZL) (1997)	time				2.03	3.17	4.19	5.18	6.16	7.12	8.10	9.10	10.10	11.13	11.13	3 / 6			
	reaction time	0.191	interval			1.14	1.02	0.99	0.98	0.96	0.98	1.00	1.00	1.03		# of strides	4.19	2.93	2.98
			velocity		4.93	8.77	9.80	10.10	10.20	10.42	10.20	10.00	10.00	9.71	8.98	48.7	7.16	10.24	10.07
Nkansa, Delphine (BEL) (2001)	time				2.02	3.18	4.23	5.23	6.23	7.22	8.20	9.21	10.23	11.28	11.28	9 / 7			
	reaction time	0.140	interval			1.16	1.05	1.00	1.00	0.99	0.98	1.01	1.02	1.05		# of strides	4.23	2.99	3.01
			velocity		4.95	8.62	9.52	10.00	10.00	10.10	10.20	9.90	9.80	9.52	8.87	50.7	7.09	10.03	9.97
Maňasová, Karolína (CZE) (2003)	time				1.99	3.16	4.22	5.24	6.24	7.25	8.25	9.27	10.30	11.35	11.35	2 / 8			
	reaction time	0.145	interval			1.17	1.06	1.02	1.00	1.01	1.00	1.02	1.03	1.05		# of strides	4.22	3.03	3.05
			velocity		5.03	8.55	9.43	9.80	10.00	9.90	10.00	9.80	9.71	9.52	8.81	53.0	7.11	9.90	9.84
Bertrand, Leah (TTO) (2002)	time				2.05	3.22	4.28	5.30	6.30	7.29	8.29	9.30	10.32	11.37	11.37	1 / 9			
	reaction time	0.144	interval			1.17	1.06	1.02	1.00	0.99	1.00	1.01	1.02	1.05		# of strides	4.28	3.01	3.03
			velocity		4.88	8.55	9.43	9.80	10.00	10.10	10.00	9.90	9.80	9.52	8.80	51.0	7.01	9.97	9.90

Semi-Final 2

		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
Alfred, Julien (LCA) (2001)	time				2.00	3.13	4.13	5.10	6.04	6.97	7.92	8.85	9.82	10.84	10.84	6 / 1			

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) (1997)	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	10.99	4 / 1			
reaction time	0.143	interval	1.13	1.02	0.99	0.94	0.96	0.98	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	10.17	
Ta Lou-Smith, Marie-Josée (CIV) (2016)	time	1.99	3.12	4.14	5.12	6.10	7.05	8.01	8.99	9.98	11.01	11.01	11.01	7 / 2			
reaction time	0.161	interval	1.13	1.02	0.98	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	10.24	
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	11.05	8 / 3			
reaction time	0.131	interval	1.13	1.02	0.98	0.95	0.97	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	10.14	
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	11.08	6 / 4			
reaction time	0.147	interval	1.14	1.02	0.99	0.97	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	10.03	
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	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	1.03		# 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	10.07	
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	11.20	3 / 6			
reaction time	0.144	interval	1.16	1.04	0.99	0.97	0.99	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	9.97	
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	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	1.04		# 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	10.03	
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	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	1.05		# 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	9.90	
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	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	1.05		# 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	9.77	

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) (2016)	0.154	no information available											10.87	2 / 1	# of strides	49.0	
Fraser-Pryce, Shelly-Ann (JAM) (2016)	0.151	no information available											10.92	7 / 2	# of strides	49.0	

Lückenkemper, Gina (GER) (1996)	0.201	no information available		11.08	4 / 3	# of strides	49.5
Rosius, Rani (BEL) (2000)	0.168	no information available	PB	11.10	6 / 4	# of strides	50.5
Torres, Gladymar (PUR) (2003)	0.148	no information available	NR PB	11.12	8 / 5	# of strides	54.0
Ngoye, Natacha (CGO) (1993)	0.162	no information available		11.36	3 / 6	# of strides	50.0
Lloyd, Joella (ANT) (2002)	0.143	no information available		11.37	5 / 7	# of strides	50.0
Tugade, Regine (GUM) (1998)	0.173	no information available		11.87	1 / 8	# of strides	52.5
Meredova, Valentina (TKM) (1984)	0.156	no information available		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											# of strides	4.16	2.91	2.94
	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											# of strides	4.18	2.89	2.96
	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											# of strides	4.23	2.96	2.98
	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) (1992)	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											# of strides	4.23	2.95	3.02
	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											# of strides	4.25	2.94	3.02
	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											# of strides	4.17	2.99	3.08
	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) (1992)	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											# of strides	4.34	3.09	3.12
	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											# of strides	4.37	3.09	3.15
	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											# of strides	4.37	3.10	3.23
	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											# of strides	4.20	2.93	2.97
	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											# of strides	4.20	2.94	3.01
	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											# of strides	4.27	2.99	2.99
	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											# of strides	4.23	3.00	3.06
	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											# of strides	4.27	3.01	3.04
	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											# of strides	4.25	3.03	3.08
	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											# of strides	4.26	3.04	3.15
	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-Libur, 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	0.99	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	0.99	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	1.01	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) (1995)	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	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		1.13	1.02	0.98	0.96	0.95	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		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		1.14	1.03	0.99	0.98	0.96	0.98	0.98	1.00	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		1.17	1.04	0.99	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		1.17	1.05	1.00	0.97	0.99	0.99	1.01	1.03	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		1.15	1.06	1.02	1.01	1.01	1.02	1.03	1.07	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		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	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	1.09	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

	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	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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) (2001)	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	interval	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	interval	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	interval	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

	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	interval	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
	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	interval	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
	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	interval	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
	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	interval	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
	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	interval	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
	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	interval	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
	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)	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)	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

	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) (2008)	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) (1991)	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)	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)	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) (1991)	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)	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)	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)	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)	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

	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
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

	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)	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)	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)	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		# 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	PB	# 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	NR PB	# 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	PB	# 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		6.28	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	1.07	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	PB	# 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) (2000)	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	NR PB	# 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	PB	# 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) (2000)	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											# of strides	4.11	3.13	3.33
	interval		1.18	1.07	1.04	1.05	1.04	1.10	1.08	1.15	1.44					
	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	9.01
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											# of strides	4.21	3.23	3.22
	interval		1.23	1.06	1.05	1.06	1.12	1.03	1.09	1.10	1.40	PB				
	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	9.32
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											# of strides	4.30	3.27	3.45
	interval		1.23	1.11	1.09	1.09	1.09	1.15	1.14	1.16	1.43					
	velocity	5.10	8.13	9.01	9.17	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											# of strides	4.53	3.47	3.64
	interval		1.28	1.17	1.16	1.15	1.16	1.19	1.21	1.24	1.51	PB				
	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											# of strides	4.51	3.64	3.91
	interval		1.29	1.21	1.20	1.21	1.23	1.27	1.30	1.34	1.65	PB				
	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											# of strides	4.08	3.34	
	interval		1.16	1.06	1.06	1.12	1.16									
	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
Lansiquot, Imani (GBR) (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						
	reaction time	0.156											# of strides	4.24	2.91	2.95			
	interval		1.16	1.05	0.99	0.96	0.96	0.97	0.98	1.00	1.02								
	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			
Henry, Desiree (GBR) (1995)	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						
	reaction time	0.139											# of strides	4.29	2.94	2.96			
	interval		1.16	1.05	1.00	0.97	0.97	0.98	0.98	1.00	1.03								
	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			
Williams, Bianca (GBR) (1993)	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						
	reaction time	0.166											# of strides	4.25	2.99	3.01			
	interval		1.15	1.05	1.00	1.00	0.99	0.99	1.00	1.02	1.04								
	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			
Wedderburn-Goodison, Nia (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						
	reaction time	0.176											# of strides	4.28	2.98	3.02			
	interval		1.16	1.06	1.01	0.98	0.99	0.99	1.01	1.02	1.05								
	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			
Eze, Joy (GBR) (2004)	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						
	reaction time	0.157											# of strides	4.25	2.99	3.05			
	interval		1.16	1.04	1.01	0.99	0.99	1.00	1.02	1.03	1.06	PB							
	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			
Agyapong, Finette (GBR) (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						
	reaction time	0.142											# of strides	4.29	3.00	3.06			
	interval		1.17	1.05	1.01	1.00	0.99	1.01	1.02	1.03	1.07								
	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			
Bell, Alyson (GBR) (2003)	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						
	reaction time	0.135											# of strides	4.26	3.04	3.09			
	interval		1.16	1.07	1.02	1.01	1.01	1.01	1.03	1.05	1.07								
	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			
Eduan, Success (GBR) (2004)	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						
	reaction time	0.149											# of strides	4.41	3.04	3.00			
	interval		1.23	1.08	1.03	1.01	1.00	0.99	1.00	1.01	1.03								
	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
Alfred, Julien (LCA) (2001)	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						
	reaction time	0.146											# of strides	4.13	2.86	2.88			
	interval		1.12	1.00	0.97	0.95	0.94	0.95	0.97	0.96	0.98								
	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		
Davis, Tamari (USA) (2003)	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						
	reaction time	0.155											# of strides	4.15	2.92	2.92			
	interval		1.13	1.02	0.99	0.97	0.96	0.96	0.97	0.99	1.00								
	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		
Asher-Smith, Dina (GBR) (1995)	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						
	reaction time	0.141											# of strides	4.16	2.90	2.94			
	interval		1.12	1.01	0.97	0.97	0.96	0.96	0.99	0.99	0.99								
	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) (19)	time	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											# of strides	4.20	2.91	2.91
	interval		1.16	1.03	0.98	0.97	0.96	0.95	0.97	0.99	1.00					
	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											# of strides	4.18	2.91	2.97
	interval		1.14	1.01	0.99	0.96	0.96	0.98	0.98	1.01	1.02					
	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											# of strides	4.21	2.94	2.99
	interval		1.13	1.03	0.99	0.97	0.98	0.99	0.99	1.01	1.01					
	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											# of strides	4.24	2.98	3.01
	interval		1.15	1.05	0.99	0.99	1.00	1.00	1.00	1.01	1.02					
	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											# of strides	4.20	2.95	3.03
	interval		1.13	1.04	0.99	0.98	0.98	0.98	1.02	1.03	1.08					
	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

		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) (19)	time		1.97			5.12	6.08	7.05	8.03	9.00	9.99	11.06	11.06	8 / 1								
	reaction time	0.135												# of strides			2.94					
	interval					3.15	0.96	0.97	0.98	0.97	0.99	1.07										
	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												# of strides	4.11	2.94	2.97					
	interval			1.13	1.03	0.99	0.98	0.97	0.98	0.99	1.00	1.07										
	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												# of strides	4.09	2.95	3.01					
	interval			1.14	1.03	0.99	0.98	0.98	0.99	1.00	1.02	1.11										
	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												# of strides	4.18	2.94	3.00					
	interval			1.15	1.02	0.99	0.97	0.98	0.98	0.99	1.03	1.10										
	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												# of strides	4.22	3.00	3.01					
	interval			1.18	1.04	1.01	1.00	0.99	1.00	1.00	1.01	1.09										
	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												# of strides	4.13	3.02	3.08					
	interval			1.14	1.04	1.01	1.00	1.01	1.01	1.03	1.04	1.13										
	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												# of strides	4.21	3.06	3.05					
	interval			1.19	1.07	1.04	1.01	1.01	1.01	1.02	1.02	1.11										
	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												# of strides	4.29	3.03	3.07					
	interval			1.15	1.06	1.01	1.01	1.01	1.01	1.02	1.04	1.12										
	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

		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, Oriann (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												# of strides	4.19	3.01	3.11					
	interval			1.13	1.03	1.01	1.00	1.00	1.03	1.03	1.05	1.08										
	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												# of strides	4.29	3.03	3.05					
	interval			1.16	1.05	1.02	1.00	1.01	1.00	1.02	1.03	1.06										
	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												# of strides	4.27	3.03	3.10					
	interval			1.17	1.06	1.01	1.01	1.01	1.02	1.03	1.05	1.08										
	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												# of strides	4.31	3.08	3.11					
	interval			1.16	1.07	1.04	1.01	1.03	1.03	1.04	1.04	1.07										
	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												# of strides	4.33	3.09	3.11					
	interval			1.18	1.08	1.04	1.03	1.02	1.03	1.03	1.05	1.06										

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
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Lederer, Amelie-Sophie (GER) (1991)	0.201	no information available	11.99	3 / 6	# of strides
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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 Hunenstijn, Marije (NED) (1991)	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	1.03	1.02	1.03	1.08	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	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	1.01	1.05	1.07	1.13	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	1.05	1.06	1.11	1.12	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	

Heat 3

		date	28-Jun-24	wind	1.0 m/s												Shandong Athletics Sport Science (2024)		
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Li He (CHN) (2001)	time			2.12	3.25	4.32	5.36	6.35	7.34	8.34	9.34	10.39	11.44	11.44	3 / 1				
	reaction time	0.173	interval		1.13	1.07	1.04	0.99	0.99	1.00	1.00	1.05	1.05		# of strides	4.32	3.02	3.05	
			velocity		4.72	8.85	9.35	9.62	10.10	10.10	10.00	10.00	9.52	9.52	8.74	53.0	6.94	9.93	9.84
Ge Manqi (CHN) (1997)	time			2.06	3.20	4.25	5.29	6.30	7.31	8.32	9.34	10.39	11.46	11.46	6 / 2				
	reaction time	0.135	interval		1.14	1.05	1.04	1.01	1.01	1.01	1.02	1.05	1.07		# of strides	4.25	3.06	3.08	
			velocity		4.85	8.77	9.52	9.62	9.90	9.90	9.90	9.80	9.52	9.35	8.73	51.5	7.06	9.80	9.74
Ding Chao (CHN) (1996)	time			2.10	3.23	4.30	5.33	6.35	7.36	8.38	9.41	10.48	11.57	11.57	7 / 3				
	reaction time	0.157	interval		1.13	1.07	1.03	1.02	1.01	1.02	1.03	1.07	1.09	PB	# of strides	4.30	3.06	3.12	
			velocity		4.76	8.85	9.35	9.71	9.80	9.90	9.80	9.71	9.35	9.17	8.64	55.0	6.98	9.80	9.62
Xu Jialu (CHN) (2000)	time			2.07	3.23	4.29	5.31	6.35	7.36	8.38	9.43	10.51	11.61	11.61	9 / 4				
	reaction time	0.169	interval		1.16	1.06	1.02	1.04	1.01	1.02	1.05	1.08	1.10		# of strides	4.29	3.07	3.15	
			velocity		4.83	8.62	9.43	9.80	9.62	9.90	9.80	9.52	9.26	9.09	8.61	53.5	6.99	9.77	9.52

Heat 2

		date	28-Jun-24	wind	0.4 m/s												Shandong Athletics Sport Science (2024)		
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Liang Xiaojing (CHN) (1997)	time			2.01	3.15	4.20	5.24	6.25	7.25	8.28	9.31	10.34	11.44	11.44	6 / 1				
	reaction time	0.132	interval		1.14	1.05	1.04	1.01	1.00	1.03	1.03	1.03	1.10		# of strides	4.20	3.05	3.09	
			velocity		4.98	8.77	9.52	9.62	9.90	10.00	9.71	9.71	9.71	9.09	8.74	55.0	7.14	9.84	9.71
Wei Yongli (CHN) (1991)	time			2.11	3.25	4.34	5.40	6.40	7.41	8.45	9.49	10.57	11.67	11.67	5 / 2				
	reaction time	0.177	interval		1.14	1.09	1.06	1.00	1.01	1.04	1.04	1.08	1.10		# of strides	4.34	3.07	3.16	
			velocity		4.74	8.77	9.17	9.43	10.00	9.90	9.62	9.62	9.26	9.09	8.57	50.5	6.91	9.77	9.49

Heat 1

		date	28-Jun-24	wind	1.2 m/s												Shandong Athletics Sport Science (2024)		
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Chen Yujie (CHN) (2008)	time			2.08	3.22	4.27	5.29	6.30	7.29	8.28	9.31	10.33	11.39	11.39	5 / 1				
	reaction time	0.160	interval		1.14	1.05	1.02	1.01	0.99	0.99	1.03	1.02	1.06		# of strides	4.27	3.02	3.04	
			velocity		4.81	8.77	9.52	9.80	9.90	10.10	10.10	9.71	9.80	9.43	8.78	55.2	7.03	9.93	9.87
Zhu Junying (CHN) (2004)	time			2.11	3.29	4.38	5.42	6.45	7.47	8.49	9.51	10.57	11.62	11.62	7 / 2				
	reaction time	0.169	interval		1.18	1.09	1.04	1.03	1.02	1.02	1.02	1.06	1.05		# of strides	4.38	3.09	3.10	
			velocity		4.74	8.47	9.17	9.62	9.71	9.80	9.80	9.80	9.43	9.52	8.61	51.5	6.85	9.71	9.68
Pan Yue (CHN) (2003)	time			2.05	3.20	4.27	5.29	6.31	7.32	8.36	9.40	10.54	11.64	11.64	4 / 3				
	reaction time	0.153	interval		1.15	1.07	1.02	1.02	1.01	1.04	1.04	1.14	1.10	PB	# of strides	4.27	3.05	3.22	
			velocity		4.88	8.70	9.35	9.80	9.80	9.90	9.62	9.62	8.77	9.09	8.59	52.0	7.03	9.84	9.32

2024 USA Olympic Trials (Eugene, OR)

FINAL

		date	22-Jun-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	
Richardson, Sha'Carri (USA) (2000)				no information available										10.71	6 / 1	# of strides	50.0		
Jefferson, Melissa (USA) (2001)				no information available										10.80	5 / 2	# of strides	50.2		
Terry, Twanisha (USA) (1999)				no information available										10.89	2 / 3	# of strides	51.0		
Davis, Tamar (USA) (2003)				no information available										10.91	7 / 4	# of strides	47.0		
Hobbs, Aleia (USA) (1996)				no information available										10.93	3 / 5	# of strides	50.5		
Clark, Tamara (USA) (1999)				no information available										10.95	4 / 6	# of strides	50.5		
Hill, Candace (USA) (1999)				no information available										11.00	8 / 7	# of strides	47.7		
Prandini, Jenna (USA) (1992)				no information available										11.02	1 / 8	# of strides	50.0		
Battle, Anavia (USA) (1999)				no information available										11.12	9 / 9	# of strides	49.2		

2024 European Athletics Championships (Roma, ITA)

FINAL

		date	09-Jun-24	wind	0.7 m/s														
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Asher-Smith, Dina (GBR) (1995)		0.157		no information available										10.99	4 / 1	# of strides	49.7		
Swoboda, Ewa (POL) (1997)		0.150		no information available										11.03	6 / 2	# of strides	50.0		
Dosso, Zaynab (ITA) (1999)		0.120		no information available										11.03	5 / 3	# of strides	48.0		
van der Weken, Patrizia (LUX) (19)		0.131		no information available										11.04	7 / 4	# of strides	49.0		
Lückenkemper, Gina (GER) (1996)		0.171		no information available										11.07	8 / 5	# of strides	50.0		
Joseph, Gémima (FRA) (2001)		0.111		no information available										11.08	3 / 6	# of strides	50.5		
Hunt, Amy (GBR) (2002)		0.148		no information available										11.15	2 / 7	# of strides	48.0		
Kambundji, Mujinga (SUI) (1992)		0.117		no information available										11.15	9 / 9	# of strides	52.0		

2024 Bauhaus Galan (Stockholm, SWE)

FINAL

		date	02-Jun-24	wind	-0.8 m/s												Omega Timing (2024) - diamond league race analysis		
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Bass, Gina (GAM) (1995)		time		2.02	3.15	4.19	5.18	6.17	7.15	8.13	9.13	10.14	11.15	11.15	3 / 1				
		reaction time	0.143	interval		1.13	1.04	0.99	0.99	0.98	0.98	1.00	1.01	1.01		# 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	8.97	52.0	7.16	10.14	10.03

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	0.99	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	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
Sahlqvist, 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	0.98	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	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	0.99	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	0.96	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	0-30m	30-60m	60-90m
Nagaoka, Risa (JPN) (2008)	time				4.48			7.67			10.92	12.02	12.02	4 / 1			
	reaction time							3.19			3.25	1.10		# of strides	4.48	3.19	3.25
	velocity				6.70			9.40			9.23	9.09	8.32	53.0	6.70	9.40	9.23
Hata, Kokomi (JPN) (2006)	time				4.40			7.60			10.93	12.11	12.11	7 / 2			
	reaction time							3.20			3.33	1.18		# of strides	4.40	3.20	3.33
	velocity				6.82			9.38			9.01	8.47	8.26	54.5	6.82	9.38	9.01
Tamaki, Mayu (JPN)	time				4.50			7.82			11.33	12.55	12.55	6 / 3			
	reaction time							3.32			3.51	1.22		# of strides	4.50	3.32	3.51
	velocity				6.67			9.04			8.55	8.20	7.97	59.0	6.67	9.04	8.55
Kaneko, Akira (JPN)	time				4.57			7.90			11.37	12.56	12.56	3 / 4			
	reaction time							3.33			3.47	1.19		# of strides	4.57	3.33	3.47
	velocity				6.56			9.01			8.65	8.40	7.96	59.0	6.56	9.01	8.65
Nakahara, Sana (JPN)	time				4.67			8.07			11.65	12.89	12.89	9 / 5			
	reaction time							3.40			3.58	1.24		# of strides	4.67	3.40	3.58
	velocity				6.42			8.82			8.38	8.06	7.76	55.0	6.42	8.82	8.38
Hayashibara, Hikari (JPN)	time				4.68			8.07			11.67	12.90	12.90	8 / 6			
	reaction time							3.39			3.60	1.23		# of strides	4.68	3.39	3.60
	velocity				6.41			8.85			8.33	8.13	7.75	57.0	6.41	8.85	8.33
Takahashi, Mihiro (JPN)	time				4.68			8.13			11.75	13.00	13.00	5 / 7			
	reaction time							3.45			3.62	1.25		# of strides	4.68	3.45	3.62
	velocity				6.41			8.70			8.29	8.00	7.69	54.0	6.41	8.70	8.29
Kato, Ryuna (JPN)	time				4.67			8.15			11.87	13.14	13.14	2 / 8			
	reaction time							3.48			3.72	1.27		# of strides	4.67	3.48	3.72
	velocity				6.42			8.62			8.06	7.87	7.61	56.2	6.42	8.62	8.06

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	0-30m	30-60m	60-90m
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	4.47	3.35	3.37
	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	6.71	8.96	8.90

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	0-30m	30-60m	60-90m
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	4.19	2.89	2.90
	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	7.16	10.38	10.34
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	4.10	2.91	2.97
	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	7.32	10.31	10.10
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	4.17	2.90	2.94
	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	7.19	10.34	10.20

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	interval	1.17	1.09	1.04	1.06		# of strides	4.36	3.17	
	velocity	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				7.60	8 / 8			
	reaction time	0.162										# of strides	4.40	3.20	
	interval		1.17	1.10	1.07	1.06	1.07								
	velocity	4.69	8.55	9.09	9.35	9.43	9.35				7.89	33.0	6.82	9.38	

Heat 3

date 12-Mar-24

Shandong Athletics Sport Science (2024)

			10m	20m	30m	40m	50m	60m		100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Xu Zihan (CHN) (2004)	time	2.16	3.37	4.51	5.58	6.70	7.81				7.81	8 / 5			
	reaction time	0.185										# of strides	4.51	3.30	
	interval		1.21	1.14	1.07	1.12	1.11								
	velocity	4.63	8.26	8.77	9.35	8.93	9.01				7.68	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		100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ge Manqi (CHN) (1997)	time		3.09	4.22	5.25	6.27	7.30				7.30	4 / 1			
	reaction time											# of strides	4.22	3.08	
	interval			1.13	1.03	1.02	1.03								
	velocity		6.47	8.85	9.71	9.80	9.71				8.22	33.0	7.11	9.74	
Yuan Qiqi (CHN) (1995)	time		3.18	4.32	5.33	6.34	7.37				7.37	6 / 2			
	reaction time											# of strides	4.32	3.05	
	interval			1.14	1.01	1.01	1.03								
	velocity		6.29	8.77	9.90	9.90	9.71				8.14	37.0	6.94	9.84	
Wei Yongli (CHN) (1991)	time		3.18	4.34	5.35	6.36	7.41				7.41	3 / 3			
	reaction time											# of strides	4.34	3.07	
	interval			1.16	1.01	1.01	1.05								
	velocity		6.29	8.62	9.90	9.90	9.52				8.10	32.0	6.91	9.77	
Feng Lulu (CHN) (2000)	time		3.20	4.34	5.37	6.40	7.43				7.43	5 / 4			
	reaction time											# of strides	4.34	3.09	
	interval			1.14	1.03	1.03	1.03								
	velocity		6.25	8.77	9.71	9.71	9.71				8.08	34.0	6.91	9.71	
Lin Xinyi (CHN) (2001)	time		3.18	4.32	5.37	6.40	7.44				7.44	2 / 5			
	reaction time										=PB	# of strides	4.32	3.12	
	interval			1.14	1.05	1.03	1.04								
	velocity		6.29	8.77	9.52	9.71	9.62				8.06	35.0	6.94	9.62	
Ding Chao (CHN) (1996)	time		3.20	4.35	5.39	6.43	7.47				7.47	1 / 6			
	reaction time											# of strides	4.35	3.12	
	interval			1.15	1.04	1.04	1.04								
	velocity		6.25	8.70	9.62	9.62	9.62				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	Official Time	Lane / Place	0-30m	30-60m	60-90m
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	12.67	12.67	5 / 1			
	reaction time	0.172												# of strides	5.03	3.28	3.23
	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	9.26	8.85		7.89	52.0	5.96	9.15	9.29
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	12.68	12.68	2 / 2			
	reaction time	0.190												# of strides	4.87	3.31	3.32
	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	9.09	8.93	8.47		7.89	51.0	6.16	9.06	9.04
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	13.10	13.10	6 / 3			
	reaction time	0.134												# of strides	5.10	3.43	3.39
	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	8.47		7.63	51.7	5.88	8.75	8.85
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	13.15	13.15	8 / 4			
	reaction time	0.236												# of strides	4.80	3.44	3.63
	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	8.70	8.47	8.26	8.06	7.81		7.60	57.0	6.25	8.72	8.26
Papaconstantinou, Marissa (CAN)	time	2.45	3.79	5.02	6.20	7.37	8.53	9.72	10.91	12.14	13.42	13.42	13.42	4 / 5			
	reaction time	0.236												# of strides	5.02	3.51	3.61
	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	7.81		7.45	55.2	5.98	8.55	8.31
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	13.65	13.65	3 / 6			
	reaction time	0.257												# of strides	5.12	3.57	3.67
	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	8.13	7.75		7.33	53.2	5.86	8.40	8.17
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	14.10	14.10	1 / 7			
	reaction time	0.305												# of strides	5.33	3.69	3.77
	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	7.87	7.63		7.09	56.0	5.63	8.13	7.96
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	14.53	14.53	7 / 8			
	reaction time	0.262												# of strides	5.20	3.86	4.03
	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	6.94		6.88	57.7	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											# of strides	4.14	2.79	2.79
	interval		1.10	1.00	0.95	0.93	0.91	0.92	0.93	0.94	0.98					
	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											# of strides	4.12	2.84	2.81
	interval		1.11	1.00	0.96	0.95	0.93	0.94	0.94	0.93	0.98					
	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											# of strides	4.14	2.83	2.84
	interval		1.12	1.00	0.96	0.94	0.93	0.94	0.95	0.95	0.98					
	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) (200	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											# of strides	4.21	2.83	2.81
	interval		1.13	1.01	0.96	0.94	0.93	0.93	0.95	0.95	0.95					
	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											# of strides	4.15	2.84	2.86
	interval		1.12	1.01	0.96	0.95	0.93	0.95	0.95	0.96	0.98					
	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											# of strides	4.12	2.86	2.87
	interval		1.10	1.02	0.97	0.94	0.95	0.95	0.95	0.97	1.00	PB				
	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											# of strides	4.12	2.91	2.92
	interval		1.12	1.02	0.98	0.97	0.96	0.97	0.97	0.98	1.01					
	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											# of strides	4.24	2.88	2.89
	interval		1.14	1.03	0.98	0.95	0.95	0.96	0.96	0.97	1.00					
	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											# of strides	4.22	2.95	2.98
	interval		1.15	1.04	0.99	0.98	0.98	0.98	0.99	1.01	1.03					
	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											# of strides	4.13	2.85	2.87
	interval		1.12	1.00	0.96	0.95	0.94	0.95	0.95	0.97	0.99					
	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											# of strides	4.16	2.89	2.89
	interval		1.12	1.01	0.97	0.96	0.96	0.95	0.96	0.98	1.01					
	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											# of strides	4.12	2.92	2.92
	interval		1.12	1.02	0.99	0.96	0.97	0.96	0.98	0.98	1.01					
	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											# of strides	4.17	2.93	3.00
	interval		1.12	1.03	0.99	0.97	0.97	0.99	0.99	1.02	1.04					
	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											# of strides	4.22	2.96	2.97
	interval		1.16	1.04	1.01	0.98	0.97	0.98	0.99	1.00	1.02					
	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											# of strides	4.16	2.95	3.02
	interval		1.13	1.03	1.00	0.97	0.98	0.99	1.00	1.03	1.05					
	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											# of strides	4.26	2.98	3.03
	interval		1.13	1.03	1.00	0.99	0.99	1.00	1.00	1.03	1.04					
	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

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											# of strides	4.31	3.17	3.28
	interval		1.19	1.08	1.06	1.05	1.06	1.07	1.09	1.12	1.16					
	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											# of strides	4.40	3.17	3.28
	interval		1.21	1.10	1.06	1.06	1.05	1.08	1.09	1.11	1.14					

	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	1.10	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	1.11	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**

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	1.02	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	1.05	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	1.04	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	1.04	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**

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	0.96	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	0.97	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	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
Frey, Géraldine (SUI) (1997)	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			
reaction time	0.159	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
Bazolo, Lorène Dorcas (POR) (1999)	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			
reaction time	0.153	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
Gutschmidt, Melissa (SUI) (2002)	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			
reaction time	0.171	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
Seedo, N'Ketia (NED) (2003)	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			
reaction time	0.161	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
Kora, Salomé (SUI) (1994)	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			
reaction time	0.153	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
Masters, Bree (AUS) (1995)	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			
reaction time	0.151	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
Gandulla, Arialis (POR) (1995)	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			
reaction time	0.158	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
van Hunenstijn, Marije (NED) (1999)	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			
reaction time	0.162	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
Lewis, Torrie (AUS) (2005)	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			
reaction time	0.138	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
Posch, Isabel (AUT) (2000)	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			
reaction time	0.142	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
Kloster, Line (NOR) (1990)	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			
reaction time	0.147	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
Lindner, Magdalena (AUT) (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			
reaction time	0.146	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
Bürgi, Céline (SUI) (1999)	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			
reaction time	0.129	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	1.11	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	1.06	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	1.06	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

	date	21-Aug-23	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
Richardson, Sha'Carri (USA) (2003)	time	0.156	no information available										CR PB	10.65	9 / 1	# of strides	50.5
Jackson, Shericka (JAM) (1994)	time	0.166	no information available											10.72	4 / 2	# of strides	47.5
Fraser-Pryce, Shelly-Ann (JAM) (2008)	time	0.153	no information available											10.77	5 / 3	# of strides	50.5
Ta Lou, Marie-Josée (CIV) (1988)	time	0.147	no information available											10.81	7 / 4	# of strides	49.7
Alfred, Julien (LCA) (2001)	time	0.153	no information available											10.93	6 / 5	# of strides	49.0
Swoboda, Ewa (POL) (1997)	time	0.151	no information available											10.97	1 / 6	# of strides	50.0
Brown, Brittany (USA) (1995)	time	0.188	no information available											10.97	3 / 7	# of strides	49.0
Asher-Smith, Dina (GBR) (1995)	time	0.146	no information available											11.00	2 / 8	# of strides	50.0
Davis, Tamari (USA) (2003)	time	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	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	0.93	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	0.97	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) (1991)	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) (2008)	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) (1991)	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	0.96	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	
Lückenemper, 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	0.97	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	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	0.99	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	0.98	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	1.00	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	1.00	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	9.90	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	9.09	8.85	8.77	8.47	8.17	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	1.06	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					
reaction time		interval	1.13	1.02	0.97	0.96	0.95	0.96	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	0.99	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	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

Koné, Maboundou (CIV) (1997)	time	2.01	3.16	4.20	5.20	6.20	7.18	8.18	9.20	10.22	11.30	11.30	9 / 6			
	reaction time		interval	1.15	1.04	1.00	1.00	0.98	1.00	1.02	1.02	1.08	# of strides	4.20	2.98	3.04
	velocity	4.98	8.70	9.62	10.00	10.00	10.20	10.00	9.80	9.80	9.26	8.85	51.0	7.14	10.07	9.87
Nkansa, Delphine (BEL) (2001)	time	2.03	3.18	4.23	5.23	6.22	7.22	8.22	9.22	10.25	11.32	11.32	1 / 7			
	reaction time		interval	1.15	1.05	1.00	0.99	1.00	1.00	1.00	1.03	1.07	# of strides	4.23	2.99	3.03
	velocity	4.93	8.70	9.52	10.00	10.10	10.00	10.00	10.00	9.71	9.35	8.83	51.0	7.09	10.03	9.90
Ahye, Michelle-Lee (TTO) (1992)	time	2.01	3.17	4.23	5.23	6.23	7.22	8.22	9.23	10.27	11.35	11.35	7 / 8			
	reaction time		interval	1.16	1.06	1.00	1.00	0.99	1.00	1.01	1.04	1.08	# of strides	4.23	2.99	3.05
	velocity	4.98	8.62	9.43	10.00	10.00	10.10	10.00	9.90	9.62	9.26	8.81	51.0	7.09	10.03	9.84
Daniels, Teahna (USA) (1997)	time	2.08	3.24	4.30	5.31	6.31	7.32	8.35	9.39	10.44	11.57	11.57	3 / 9			
	reaction time		interval	1.16	1.06	1.01	1.00	1.01	1.03	1.04	1.05	1.13	# of strides	4.30	3.02	3.12
	velocity	4.81	8.62	9.43	9.90	10.00	9.90	9.71	9.62	9.52	8.85	8.64	49.0	6.98	9.93	9.62

2023 Golden Gala Pietro Mennea (Firenze, ITA)**FINAL**

date 02-Jun-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
Ta Lou, Marie-Josée (CIV) (1988)	time		2.02	3.25	4.16	5.14	6.11	7.06	8.01	8.98	9.96	10.97	10.97	4 / 1			
	reaction time	0.169	interval	1.23	0.91	0.98	0.97	0.95	0.95	0.97	0.98	1.01	# of strides	51.0	4.16	2.90	2.90
	velocity		4.95	8.13	10.99	10.20	10.31	10.53	10.53	10.31	10.20	9.90	9.12	7.21	10.34	10.34	
Lückenkemper, Gina (GER) (1996)	time		2.06	3.20	4.23	5.21	6.18	7.14	8.11	9.08	10.06	11.09	11.09	3 / 2			
	reaction time	0.192	interval	1.14	1.03	0.98	0.97	0.96	0.97	0.97	0.98	1.03	# of strides	50.0	4.23	2.91	2.92
	velocity		4.85	8.77	9.71	10.20	10.31	10.42	10.31	10.31	10.20	9.71	9.02	7.09	10.31	10.27	
Lansiquot, Imani (GBR) (1997)	time		2.00	3.15	4.19	5.18	6.16	7.13	8.11	9.10	10.11	11.16	11.16	1 / 3			
	reaction time	0.150	interval	1.15	1.04	0.99	0.98	0.97	0.98	0.99	1.01	1.05	# of strides	48.0	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	7.16	10.20	10.07	
Akinosun, Morolake (USA) (1994)	time		2.04	3.19	4.24	5.23	6.21	7.18	8.16	9.13	10.14	11.20	11.20	6 / 4			
	reaction time	0.161	interval	1.15	1.05	0.99	0.98	0.97	0.98	0.97	1.01	1.06	# of strides	53.2	4.24	2.94	2.96
	velocity		4.90	8.70	9.52	10.10	10.20	10.31	10.20	10.31	9.90	9.43	8.93	7.08	10.20	10.14	
Steiner, Abby (USA) (1999)	time		2.05	3.20	4.23	5.22	6.20	7.18	8.18	9.16	10.17	11.23	11.23	2 / 5			
	reaction time	0.139	interval	1.15	1.03	0.99	0.98	0.98	1.00	0.98	1.01	1.06	# of strides	54.0	4.23	2.95	2.99
	velocity		4.88	8.70	9.71	10.10	10.20	10.20	10.00	10.20	9.90	9.43	8.90	7.09	10.17	10.03	
Thomas, Gabrielle (USA) (1996)	time		2.00	3.19	4.23	5.22	6.21	7.19	8.18	9.18	10.20	11.27	11.27	8 / 6			
	reaction time	0.171	interval	1.19	1.04	0.99	0.99	0.98	0.99	1.00	1.02	1.07	# of strides	47.0	4.23	2.96	3.01
	velocity		5.00	8.40	9.62	10.10	10.10	10.20	10.10	10.00	9.80	9.35	8.87	7.09	10.14	9.97	

2023 Chinese National Grand Prix 4 (Chongqing, CHN)**FINAL**

date 02-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
Li Yuting (CHN) (2002)	time		2.09	3.26		5.31	6.34	7.35	8.38	9.41	10.48	11.56	11.56	4 / 1			
	reaction time	0.194	interval	1.17		2.05	1.03	1.01	1.03	1.03	1.07	1.08	# of strides	48.0			3.13
	velocity		4.78	8.55		9.76	9.71	9.90	9.71	9.71	9.71	9.35	9.26	8.65			9.58
Ma Huixin (CHN) (2003)	time		2.07	3.24		5.29	6.33	7.34	8.39	9.45	10.57	11.70	11.70	2 / 2			
	reaction time	0.225	interval	1.17		2.05	1.04	1.01	1.05	1.06	1.12	1.13	# of strides	53.0			3.23
	velocity		4.83	8.55		9.76	9.62	9.90	9.52	9.43	8.93	8.85	8.55	8.55			9.29
Liu Guoyi (CHN) (2004)	time		2.07	3.24		5.35	6.38	7.42	8.46	9.53	10.61	11.77	11.77	5 / 3			
	reaction time	0.182	interval	1.17		2.11	1.03	1.04	1.04	1.07	1.08	1.16	# of strides	51.5			3.19
	velocity		4.83	8.55		9.48	9.71	9.62	9.62	9.35	9.26	8.62	8.50	8.50			9.40
Huang Shuping (CHN) (2003)	time		2.10	3.23		5.34	6.38	7.42	8.47	9.55	10.65	11.79	11.79	6 / 4			
	reaction time	0.238	interval	1.13		2.11	1.04	1.04	1.05	1.08	1.10	1.14	# of strides	54.0			3.23
	velocity		4.76	8.85		9.48	9.62	9.62	9.52	9.26	9.09	8.77	8.48	8.48			9.29

Semi-Final 3

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

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Li Yuting (CHN) (2002)	time		2.09	3.27	4.35	5.36	6.38	7.41	8.44	9.48	10.56	11.71	11.71	5 / 1			
	reaction time	0.185	interval	1.18	1.08	1.01	1.02	1.03	1.03	1.04	1.08	1.15	# of strides	47.2	4.35	3.06	3.15
	velocity		4.78	8.47	9.26	9.90	9.80	9.71	9.71	9.62	9.26	8.70	8.54	8.54	6.90	9.80	9.52

Heat 4

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

Shandong Athletics Sport Science (2023)

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zhu Cuiyan (CHN) (2000)	time		2.19	3.37	4.45	5.50	6.57	7.62	8.68	9.77	10.86	12.00	12.00	5 / 1			
	reaction time		interval	1.18	1.08	1.05	1.07	1.05	1.06	1.09	1.09	1.14	# of strides	44.5	3.17	3.24	
	velocity		4.57	8.47	9.26	9.52	9.35	9.52	9.43	9.17	9.17	8.77	8.33	8.33	6.74	9.46	9.26

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)		
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Li Yuting (CHN) (2002)	time		2.17	3.33	4.40	5.44	6.48	7.51	8.52	9.59	10.67	11.77	11.77	6 / 1					
	reaction time	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			
	velocity	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			
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		
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Bessho, Miyu (JPN) (2007)	time				4.42				7.67			10.92	12.09	12.09	6 / 1				
	reaction time	interval							3.25			3.25	1.17		# of strides	4.42	3.25	3.25	
	velocity	6.79							9.23			9.23	8.55	8.27	52.5	6.79	9.23	9.23	
Nagaoka, Risa (JPN) (2008)	time				4.45				7.72			10.98	12.13	12.13	3 / 2				
	reaction time	interval							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	
Ishikura, Tamaki (JPN) (2005)	time				4.50				7.78			11.12	12.32	12.32	7 / 3				
	reaction time	interval							3.28			3.34	1.20		# of strides	4.50	3.28	3.34	
	velocity	6.67							9.15			8.98	8.33	8.12	54.2	6.67	9.15	8.98	
Kazuka, Esumi (JPN)	time				4.48				7.77			11.18	12.40	12.40	5 / 4				
	reaction time	interval							3.29			3.41	1.22		# of strides	4.48	3.29	3.41	
	velocity	6.70							9.12			8.80	8.20	8.06	52.5	6.70	9.12	8.80	
Tamaki, Mayu (JPN)	time				4.50				7.83			11.25	12.49	12.49	8 / 5				
	reaction time	interval							3.33			3.42	1.24		# of strides	4.50	3.33	3.42	
	velocity	6.67							9.01			8.77	8.06	8.01	59.5	6.67	9.01	8.77	
Nozomi, Ishibashi (JPN)	time				4.53				7.88			11.27	12.50	12.50	4 / 6				
	reaction time	interval							3.35			3.39	1.23		# of strides	4.53	3.35	3.39	
	velocity	6.62							8.96			8.85	8.13	8.00	58.0	6.62	8.96	8.85	
Nagaoka, Mei (JPN)	time				4.55				7.90			11.38	12.63	12.63	1 / 7				
	reaction time	interval							3.35			3.48	1.25		# of strides	4.55	3.35	3.48	
	velocity	6.59							8.96			8.62	8.00	7.92	59.7	6.59	8.96	8.62	
Noda, Iyo (JPN)	time				4.53				7.90			11.40	12.66	12.66	2 / 8				
	reaction time	interval							3.37			3.50	1.26		# of strides	4.53	3.37	3.50	
	velocity	6.62							8.90			8.57	7.94	7.90	55.7	6.62	8.90	8.57	

2023 Chinese National Grand Prix 3 (Taizhou, CHN)**Heat 2**

		date	26-May-23	wind	-1.0 m/s												Shandong Athletics Sport Science (2023)		
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Liao Mengxue (CHN) (1995)	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	1.14	1.06	1.02	1.02	1.03	1.04	1.08	1.11	1.10		# of strides	4.24	3.07	3.23		
	velocity	4.90	8.77	9.43	9.80	9.80	9.71	9.62	9.26	9.01	9.09	8.59	50.5	7.08	9.77	9.29			
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	1.17	1.10	1.03	1.04	1.00	1.04	1.06	1.08	1.11		# of strides	4.35	3.07	3.18		
	velocity	4.81	8.55	9.09	9.71	9.62	10.00	9.62	9.43	9.26	9.01	8.54	52.0	6.90	9.77	9.43			
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	1.15	1.10	1.05	1.04	1.03	1.06	1.08	1.11	1.12		# of strides	4.37	3.12	3.25		
	velocity	4.72	8.70	9.09	9.52	9.62	9.71	9.43	9.26	9.01	8.93	8.43	54.5	6.86	9.62	9.23			
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	1.15	1.13	1.07	1.08	1.07	1.10	1.13	1.13	1.17		# of strides	4.40	3.22	3.36		
	velocity	4.72	8.70	8.85	9.35	9.26	9.35	9.09	8.85	8.85	8.55	8.23	56.2	6.82	9.32	8.93			

2023 Chinese National Grand Prix 1 (Rizhao, CHN)**Heat 2**

		date	26-Apr-23	wind	1.1 m/s												Shandong Athletics Sport Science (2023)		
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		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		1.18	1.11	1.07	1.04	1.08	1.10	1.10	1.17		# 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		1.20	1.15	1.10	1.09	1.09	1.11	1.12	1.16	1.16	# 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		1.17	1.15	1.06	1.05	1.05	1.10	1.08	1.16		# 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		1.16	1.11	1.06	1.04	1.05	1.04	1.12	1.13	1.19	# 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		1.17	1.14	1.09	1.07	1.11	1.11	1.12	1.16	1.21	# 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		1.14	1.07	1.01	1.01	1.03				# 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		1.22	1.09	1.03	1.02	1.05				# 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		1.17	1.12	1.04	1.03	1.06				# 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		1.22	1.14	1.09	1.08	1.09				# 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		1.17	1.08	1.02	1.06	1.03				# 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		1.18	1.10	1.05	1.06	1.04				# 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		1.17	1.10	1.07	1.07	1.07				# 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		1.19	1.11	1.09	1.09	1.06				# 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		1.13	1.05	1.01	1.06				# 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		1.12	1.05	1.04	1.01	1.06				# 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		1.13	1.07	1.02	1.03	1.02				# 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	
	velocity	4.83	8.55	9.09	9.52	9.26	9.43	7.97	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	
	velocity	4.61	8.20	9.09	9.26	9.09	9.01	7.71	35.0	6.68	9.12	

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	
	velocity	4.48	7.58	8.55	8.93	8.77	8.70	7.38	35.2	6.36	8.80	

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	
	velocity	4.65	8.13	8.55	8.93	9.09	8.77	7.59	35.5	6.59	8.93	

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
	velocity	5.00	8.40	9.26	9.90	9.71	9.17	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	
	velocity	4.76	8.55	9.35	9.80	9.71	9.62	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	
	velocity	4.61	8.13	8.77	9.17	8.85	8.85	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	
	velocity	4.31	7.81	8.26	9.01	8.55	8.55	7.26	35.2	6.24	8.70	

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	
	velocity	4.67	8.62	9.35	9.80	9.52	9.62	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
	velocity	4.65	8.47	9.17	9.35	9.26	9.01	7.81	35.0	6.79	9.20	

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			
	velocity		6.54		10.31		10.75		10.75		10.36	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			
	velocity		6.37		10.20		10.64		10.58		10.31	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			
	velocity		6.33		10.00		10.53		10.47		10.31	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			
	velocity		6.27		10.00		10.42		10.42		10.05	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					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					9.32	48.0			
Fraser-Pryce, Shelly-Ann (JAM) (2015)	time		3.06	5.00	6.85	8.74	10.74	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					9.31	50.0			
Ta Lou, Marie-Josée (CIV) (1988)	time		3.14	5.11	6.99	8.86	10.78	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					9.28	50.5			
Hobbs, Aleia (USA) (1996)	time		3.12	5.11	7.02	8.92	10.91	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					9.17	50.0			
Richardson, Sha'Carri (USA) (2016)	time		3.18	5.16	7.05	8.96	10.93	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					9.15	51.7			
Clark, Tamara (USA) (1999)	time		3.14	5.15	7.09	9.03	11.03	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					9.07	51.2			
Seyni, Aminatou (NIG) (1996)	time		3.24	5.26	7.19	9.14	11.15	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					8.97	47.7			
Nkansa, Delphine (BEL) (2001)	time		3.21	5.26	7.23	9.23	11.29	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					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	1.07	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	1.11	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	1.08	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	1.11	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	1.14		# 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	1.14	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	1.20		# 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
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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	1.09	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	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	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	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	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	8.62	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	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	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	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	8.21	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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**

	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**

	date	10-Aug-22	wind	0.4 m/s	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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**

	date	06-Aug-22	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
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	interval	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	interval	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	interval	-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	interval	1.16	1.08	1.05	1.06	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	9.43	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	interval	1.18	1.09	1.05	1.04	1.05	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	9.52	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	interval	1.18	1.09	1.05	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	9.52	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	interval	1.20	1.10	1.07	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	9.35	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	interval	1.21	1.10	1.07	1.06	1.07	1.08	1.10	1.13	1.14			# 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	8.28	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	interval	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	8.28	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	interval	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	8.93	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	interval	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	8.18	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	interval	2.00	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	interval	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	interval	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	interval	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	interval	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	interval	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	8.90	53.2
Whyte, Natalliah (JAM) (1997)	time		3.1	5.2	7.2	9.2	11.32	11.32	1 / 8 7
reaction time	0.154	interval		2.10	2.00	2.00	2.12		# of strides
		velocity	6.45	9.52	10.00	10.00	9.43	8.83	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	interval				2.00		1.90		1.90		2.00	PB	# of strides			
		velocity		6.45		10.00		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	interval				2.00		1.90		2.00		2.05		# of strides			
		velocity		6.45		10.00		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	interval				2.10		2.00		1.90		2.07		# of strides			
		velocity		6.45		9.52		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	interval				2.10		1.90		2.00		2.07		# of strides			
		velocity		6.45		9.52		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	interval				2.00		2.00		2.00		2.15		# of strides			
		velocity		6.25		10.00		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	interval				2.10		1.90		2.00		2.16		# of strides			
		velocity		6.25		9.52		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	interval				2.00		2.10		2.00		2.17		# of strides			
		velocity		6.25		10.00		9.52		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	interval				2.10		2.00		2.10		2.18		# of strides			
		velocity		6.25		9.52		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	interval				2.00		1.90		1.90		2.15		# of strides			
		velocity		6.45		10.00		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	interval				2.00		1.90		2.00		2.15		# of strides			
		velocity		6.45		10.00		10.53		10.00		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	interval				2.10		2.00		2.00		2.09		# of strides			
		velocity		6.45		9.52		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	interval				2.10		2.00		2.00		2.15		# of strides			
		velocity		6.45		9.52		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	interval				2.10		2.00		2.00		2.19		# of strides			
		velocity		6.45		9.52		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	interval				2.00		2.10		2.00		2.25		# of strides			
		velocity		6.45		10.00		9.52		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	interval				2.10		2.00		2.10		2.20		# of strides			
		velocity		6.25		9.52		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	interval				2.10		2.00		2.10		2.21		# of strides			
		velocity		6.06		9.52		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 / 3 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) (1!	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) (	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									0.93	PB	# of strides	4.16	2.76	2.88
	velocity		5.24									0.75	9.32	47.5	7.21	10.87	10.42
Thompson-Herah, Elaine (JAM) (	time		1.96									0.81	10.81	4 / 3			
	reaction time	0.149	interval									0.96		# of strides	4.18	2.81	2.86
	velocity		5.10									0.42	9.25	50.0	7.18	10.68	10.49
Asher-Smith, Dina (GBR) (1995)	time		1.90									0.84	10.83	8 / 4			
	reaction time	0.116	interval									0.96	=NR =PB	# of strides	4.13	2.87	2.88
	velocity		5.26									0.42	9.23	48.5	7.26	10.45	10.42
Kambundji, Mujinga (SUI) (1992)	time		1.94	3.07	4.13	5.13	6.02	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	0.89	1.01	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	11.24	9.90	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	0.94	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	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	5.23	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	1.02	0.91	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	9.80	10.99	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
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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, Marijje (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

		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		3.12		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) (19)	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		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) (20)	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		interval	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		interval	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		interval	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		interval	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		interval	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		interval	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			interval	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			interval	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			interval	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			interval	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			interval	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			interval	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			interval	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			interval	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			interval	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			interval	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			interval	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	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	9.40	48.2			
Jackson, Shericka (JAM) (1994)	time		3.2		5.2		7.1		9.0		10.92	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	9.16	51.0			
Ta Lou, Marie-Josée (CIV) (1988)	time		3.2		5.2		7.1		9.0		10.84	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	9.23	51.0			
Neita, Daryll (GBR) (1996)	time		3.2		5.2		7.1		9.0		10.96	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	9.12	47.7			
Del Ponte, Ajla (SUI) (1996)	time		3.2		5.2		7.1		9.0		10.97	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	9.12	49.7			
Kambundji, Mujinga (SUI) (1992)	time		3.2		5.2		7.1		9.1		11.01	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	9.08	51.7			
Burghardt, Alexandra (GER) (1999)	time		3.2		5.2		7.2		9.1		11.12	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	8.99	48.0			

B 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	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	8.72				
Gloor, Michelle (SUI) (2000)	time		3.3		5.4		7.5		9.5		11.62	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	8.61				
Frey, Géraldine (SUI) (1997)	time		3.3		5.4		7.4		9.5		11.64	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	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) (2000)	time		3.2		5.2		7.2		9.1		11.14	11.14	5 / 9			

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

			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	=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	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	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	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	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	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	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	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	1.08	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	8.26	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	interval			2.00		1.90		2.00		1.99		# of strides					
	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	interval			2.00		2.00		2.00		2.03		# of strides					
	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	interval			2.10		2.00		2.00		2.06		# of strides					
	velocity			6.25		9.52		10.00		10.00		9.71	8.80						
van Hünenstijn, Marije (NED) (1991)	time			3.3		5.4		7.4		9.4		11.41	11.41	3 / 4					
	reaction time	0.166	interval			2.10		2.00		2.00		2.01		# of strides					
	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	interval			2.10		2.00		2.10		2.06		# of strides					
	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	interval			2.10		2.00		2.10		2.14		# of strides					
	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	interval			2.20		2.00		2.10		2.17		# of strides					
	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	interval			2.00		2.00		2.00		2.03		# of strides					
	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	interval			2.10		2.00		2.00		2.01		# of strides					
	velocity			6.25		9.52		10.00		10.00		9.95	8.84	51.2					
van Hünenstijn, Marije (NED) (1991)	time			3.3		5.4		7.3		9.3		11.32	11.32	2 / 3					
	reaction time	0.160	interval			2.10		1.90		2.00		2.02		# of strides					
	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	interval			2.00		2.00		2.10		2.04		# of strides					
	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	interval			2.10		2.10		2.10		2.06		# of strides					
	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	interval			2.10		2.10		2.10		2.06		# of strides					
	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	interval			2.10		2.10		2.10		2.27		# of strides					
	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							11.12	12.28	3 / 1					
	reaction time							3.24				3.35	1.16	# of strides	4.53	3.24	3.35		
	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	5 / 2					
	reaction time							3.23				3.37	1.20	# of strides	4.52	3.23	3.37		
	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	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		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		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		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, Iida (JPN)	time	4.62	8.03	11.57	12.81	12.81	2 / 7						
	reaction time		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 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		5.1		7.0		8.9		10.84	10.84	5 / 1			
	reaction time	0.117			2.00		1.90		1.90		1.94		# of strides			
	interval															
	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			
	interval															
	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			
	interval															
	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			
	interval															
	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			
	interval															
	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			
	interval															
	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			
	interval															
	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			
	interval															
	velocity		6.06		9.09		9.52		9.71		9.01	8.42	52.5			

2021 Müller Grand Prix (Gateshead, GBR)

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) (2000)	time		3.0		5.1		7.1		9.2		11.53	11.53	5 / 1			
	reaction time	0.174			2.10		2.00		2.10		2.33		# of strides			
	interval															
	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			2.00		2.10		2.10		2.38		# of strides			
	interval															
	velocity		6.67		10.00		9.52		9.52		8.40	8.64	49.2			
Fraser-Pryce, Shelly-Ann (JAM)	time		2.9		5.0		7.1		9.2		11.62	11.62	6 / 3			
	reaction time	0.126			2.10		2.10		2.10		2.42		# of strides			
	interval															
	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			2.10		2.10		2.10		2.44		# of strides			
	interval															
	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			2.10		2.10		2.20		2.48		# of strides			
	interval															
	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	<i>Kobayashi (2020) - national high school and U20 national championships</i>												
				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		2.07	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	<i>Kobayashi (2020) - national high school and U20 national championships</i>												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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	<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>												
				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	3.19	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		<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>									
		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				
	reaction time		interval	1.20	1.10	1.06	1.04	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				
	reaction time		interval	1.20	1.09	1.06	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				
	reaction time		interval	1.19	1.09	1.06	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				
	reaction time		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		<i>Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions</i>									
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Kuboyama, Haruna (JPN) (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				
	reaction time		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	
Iki, Ichiko (JPN) (1997)	time	2.07	3.28	4.40	5.47	6.54	7.61	8.68	9.76	10.86	11.98	11.98	/ 2				
	reaction time		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		<i>Omega Timing (2020) - diamond league race analysis</i>									
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Thompson-Herah, Elaine (JAM)	time		3.1		5.1		7.0		8.9		10.84	10.85	5 / 1				
	reaction time	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			
Hobbs, Aleia (USA) (1996)	time		3.2		5.2		7.2		9.1		11.12	11.12	4 / 2				
	reaction time	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			
Ta Lou, Marie-Josée (CIV) (1988)	time		3.2		5.2		7.1		9.1		11.14	11.14	7 / 3				
	reaction time	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			
Del Ponte, Ajla (SUI) (1996)	time		3.2		5.2		7.2		9.2		11.19	11.19	6 / 4				
	reaction time	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			
Lansiquot, Imani (GBR) (1997)	time		3.2		5.3		7.2		9.2		11.23	11.23	2 / 5				
	reaction time	0.143	interval		2.10		1.90		2.00		2.03		# of strides				
	velocity																

	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 Hünenstijn, 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**

date	06-Sep-20	wind	1.4 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
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 / 1			
reaction time	interval		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	1 / 2			
reaction time	interval		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	1 / 3			
reaction time	interval		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	1 / 4			
reaction time	interval		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

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 / 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		
Bolingo, 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	Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions														
				1.1 m/s	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	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	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	9.71	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	9.71	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	9.62	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	Omega Timing (2020) - diamond league race analysis														
				1.3 m/s	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	Takahashi (2021) - Race analysis of 100m women's athletes in major domestic competitions														
				-0.9 m/s	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	9.71	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	9.62	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	9.52	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	8.37	6.88	9.43	9.17
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	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	9.09	8.93	8.70	8.35		6.91	9.40	9.12
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	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	9.26	9.09	8.93	8.85	8.34		6.91	9.32	9.09
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	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	8.33	6.86	9.43	9.09
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	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	8.29	6.76	9.35	9.12

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
Moriyama, Rin (JPN) (2002)	time					4.38			7.65			11.05	12.28	12.28	4 / 1			
	reaction time								3.27			3.40	1.23		# of strides	4.38	3.27	3.40
						6.85			9.17			8.82	8.13	8.14	54.7	6.85	9.17	8.82
Mochida, Kanon (JPN) (2003)	time					4.52			7.82			11.20	12.39	12.39	6 / 2			
	reaction time								3.30			3.38	1.19		# of strides	4.52	3.30	3.38
						6.64			9.09			8.88	8.40	8.07	59.0	6.64	9.09	8.88
内部 百笑	time					4.60			7.95			11.37	12.59	12.59	7 / 3			
	reaction time								3.35			3.42	1.22		# of strides	4.60	3.35	3.42
						6.52			8.96			8.77	8.20	7.94	60.0	6.52	8.96	8.77
Tsugumi, Kaneko (JPN)	time					4.62			7.95			11.42	12.67	12.67	5 / 4			
	reaction time								3.33			3.47	1.25		# of strides	4.62	3.33	3.47
						6.49			9.01			8.65	8.00	7.89	56.0	6.49	9.01	8.65
Murakami, Tamamo (JPN)	time					4.55			7.88			11.45	12.73	12.73	9 / 5			
	reaction time								3.33			3.57	1.28		# of strides	4.55	3.33	3.57
						6.59			9.01			8.40	7.81	7.86	55.3	6.59	9.01	8.40
Fujiwara, Tamaki (JPN)	time					4.57			7.97			11.50	12.76	12.76	8 / 6			
	reaction time								3.40			3.53	1.26		# of strides	4.57	3.40	3.53
						6.56			8.82			8.50	7.94	7.84	56.0	6.56	8.82	8.50
Sakakibara, Sora (JPN)	time					4.70			8.23			11.88	13.17	13.17	3 / 7			
	reaction time								3.53			3.65	1.29		# of strides	4.70	3.53	3.65
						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		
Oliver, Javianne (USA) (1994)	time			2.13	3.21	4.21	5.20	6.16	7.13	7.13	2 / 1					
	reaction time	0.203			1.08	1.00	0.99	0.96	0.97		# of strides	4.21	2.92			
				4.69	9.26	10.00	10.10	10.42	10.31	8.42	32.0	7.13	10.27			
Akinosun, Morolake (USA) (1994)	time			2.16	3.24	4.45			7.16	7.16	3 / 2					
	reaction time	0.191			1.08	1.21			2.71		# of strides	4.45	2.71			
				4.63	9.26	8.26			11.07	8.38	34.0	6.74	11.07			
Williams, Brianna (JAM) (2002)	time			2.15	3.23	4.23	5.23	6.21	7.18	7.18	6 / 3					
	reaction time	0.176			1.08	1.00	1.00	0.98	0.97	NJR PB	# of strides	4.23	2.95			
				4.65	9.26	10.00	10.00	10.20	10.31	8.36	31.7	7.09	10.17			
Daniels, Teahna (USA) (1997)	time			2.17	3.26	4.30	5.29	6.29	7.29	7.29	4 / 4					
	reaction time	0.162			1.09	1.04	0.99	1.00	1.00		# of strides	4.30	2.99			
				4.61	9.17	9.62	10.10	10.00	10.00	8.23	31.2	6.98	10.03			
Cunliffe, Hannah (USA) (1996)	time			2.17	3.27	4.29	5.33	6.32	7.30	7.30	7 / 5					
	reaction time	0.147			1.10	1.02	1.04	0.99	0.98		# of strides	4.29	3.01			
				4.61	9.09	9.80	9.62	10.10	10.20	8.22	31.0	6.99	9.97			
Felix, Allyson (USA) (1985)	time			2.20	3.33	4.32	5.33	6.25	7.32	7.32	5 / 6					
	reaction time	0.170			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	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) (1987)	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) (2002)	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) (2002)	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) (2002)	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		
Terai, 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		3.09					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		3.06					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		3.06					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		3.03					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		3.06					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		3.02					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		3.03					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		2.99					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		3.02					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		2.99					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		3.01					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		2.99					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		2.96					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		2.94					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		2.93					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		2.95					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	8.90	47.7
Hobbs, Aleia (USA) (1996)	time		3.2	5.2	7.2	9.2	11.29	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	8.86	51.5
Emmanuel, Crystal (CAN) (1991)	time		3.2	5.2	7.3	9.3	11.38	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	8.79	51.2
Lückenkemper, Gina (GER) (1996)	time		3.4	5.4	7.4	9.4	11.45	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	8.73	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	1.04	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	1.02	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	1.03	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	1.03	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	9.17	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	9.62	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	9.38
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	9.46
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	9.35
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	9.23
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	9.17
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	9.09
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	9.23
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	9.01

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		
Odiog, 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	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
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
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	1.05	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
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
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
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
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
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

2018 Fuse Sprint (Tottori, JPN)

FINAL

		date	03-Jun-18		wind	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	interval		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)			no information available										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	interval		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	interval		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	interval		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	interval		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	interval		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	interval		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	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	interval						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	interval						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	interval						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	interval						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	interval						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	interval						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	interval						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	interval						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	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 interval		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	1.05	1.08	1.10	1.09	# of strides	4.38	3.13	3.17	
	velocity	4.76	8.40	9.17	9.52	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	1.08	1.10	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	9.40	

Semi-Final 3

	date	07-Oct-17	wind	0.7 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
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	1.07	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

	date	07-Oct-17	wind	0.5 m/s	Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season												
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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	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	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	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	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	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	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	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	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**

	date	30-Jul-17	wind 0.3 m/s										Official Time	(2017) - www.windsprint/Splittider/		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m		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	interval					2.07	1.06		2.08		2.16		# of strides	4.33	3.13	
velocity	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	interval					2.07	1.05		2.10		2.17		# of strides	4.45	3.12	
velocity	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	interval					2.11	1.06		2.11		2.19		# of strides	4.45	3.17	
velocity	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	interval					2.08	1.06		2.15		2.18		# of strides	4.47	3.14	
velocity	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	interval					2.11	1.06		2.15		2.19		# of strides	4.45	3.17	
velocity	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	interval					2.09	1.05		2.17		2.20		# of strides	4.47	3.14	
velocity	velocity			6.71		9.57	9.52		9.22		9.09		8.35	6.71	9.55	

B FINAL

	date	30-Jul-17	wind 1.6 m/s										Official Time	(2017) - www.windsprint/Splittider/		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m		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	velocity			6.79		9.52	9.62				9.24	8.41	6.79	9.55		
Bårdsgård Kulset, Malin (NOR) ()	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	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	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	velocity			6.47		8.89	9.01		8.77		8.55	7.92	6.47	8.93		

Nilsson, Evelina (SWE) (1994)	time	4.64	6.89	8.02	10.27	12.71	12.71	7 / 5			
	reaction time	interval		2.25	1.13	2.25	2.44	# of strides	4.64	3.38	
	velocity		6.47	8.89	8.85	8.89	8.20	7.87	6.47	8.88	

2017 Japanese National High School Championships (Yamagata, JPN)

FINAL

date 30-Jul-17 wind -3.0 m/s Kota (2017) - 70th high school championships: JAF scientific committee - biomechanics data collection

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kodama, Mei (JPN) (1999)	time			4.40			7.60			10.88	12.02	12.02	5 / 1			
	reaction time	0.157	interval				3.20			3.28	1.14		# of strides	4.40	3.20	3.28
	velocity			6.82			9.38			9.15	8.77	8.32		6.82	9.38	9.15
Usui, Ayane (JPN) (2000)	time		4.31			7.55			10.89	12.06	12.06	4 / 2				
	reaction time	0.140	interval				3.24			3.34	1.17		# of strides	4.31	3.24	3.34
	velocity		6.96			9.26			8.98	8.55	8.29			6.96	9.26	8.98
Aono, Akari (JPN) (2000)	time			4.44			7.69			11.00	12.15	12.15	6 / 3			
	reaction time	0.151	interval				3.25			3.31	1.15		# of strides	4.44	3.25	3.31
	velocity			6.76			9.23			9.06	8.70	8.23		6.76	9.23	9.06
Sato, Serika (JPN) (2000)	time			4.40			7.69			11.09	12.28	12.28	7 / 4			
	reaction time	0.205	interval				3.29			3.40	1.19		# of strides	4.40	3.29	3.40
	velocity			6.82			9.12			8.82	8.40	8.14		6.82	9.12	8.82
Miyata, Otoha (JPN) (1999)	time			4.38			7.65			11.10	12.32	12.32	2 / 5			
	reaction time	0.148	interval				3.27			3.45	1.22		# of strides	4.38	3.27	3.45
	velocity			6.85			9.17			8.70	8.20	8.12		6.85	9.17	8.70
Tsukuda, Misa (JPN) (2001)	time			4.45			7.76			11.16	12.35	12.35	8 / 6			
	reaction time	0.146	interval				3.31			3.40	1.19		# of strides	4.45	3.31	3.40
	velocity			6.74			9.06			8.82	8.40	8.10		6.74	9.06	8.82
Maekawa, Rika (JPN) (2000)	time			4.46			7.78			11.19	12.37	12.37	3 / 7			
	reaction time	0.173	interval				3.32			3.41	1.18		# of strides	4.46	3.32	3.41
	velocity			6.73			9.04			8.80	8.47	8.08		6.73	9.04	8.80
Hasegawa, Aiki (JPN) (1999)	time			4.40			7.75			11.23	12.44	12.44	9 / 8			
	reaction time	0.163	interval				3.35			3.48	1.21		# of strides	4.40	3.35	3.48
	velocity			6.82			8.96			8.62	8.26	8.04		6.82	8.96	8.62

2017 National Grand Prix Final (Guiyang, CHN) (Altitude)

Heat 5

date 25-Jun-17 wind 0.9 m/s Jiang (2017) CAA Sport Science Report

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Liang Nuo (CHN) (1999)	time	1.88	3.06	4.15	5.19	6.22	7.25	8.30	9.34	10.40	11.52	11.71	1 / 1				
	reaction time	interval		1.18	1.09	1.04	1.03	1.03	1.05	1.04	1.06	1.12	PB	# of strides	4.15	3.10	3.15
	velocity		5.32	8.47	9.17	9.62	9.71	9.71	9.52	9.62	9.43	8.93	8.54		51.2	7.23	9.68	9.52

Heat 3

date 25-Jun-17 wind 0.5 m/s Jiang (2017) CAA Sport Science Report

		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	1.91	3.04	4.09	5.10	6.09	7.08	8.08	9.06	10.07	11.12	11.32	1 / 1				
	reaction time	interval		1.13	1.05	1.01	0.99	0.99	1.00	0.98	1.01	1.05		# of strides	4.09	2.99	2.99
	velocity		5.24	8.85	9.52	9.90	10.10	10.10	10.00	10.20	9.90	9.52	8.83		49.0	7.33	10.03	10.03
Liang Cuimin (CHN) (1993)	time	1.93	3.12	4.23	5.27	6.29	7.33	8.38	9.43	10.50	11.63	11.80	1 / 2				
	reaction time	interval		1.19	1.11	1.04	1.02	1.04	1.05	1.05	1.07	1.13	PB	# of strides	4.23	3.10	3.17
	velocity		5.18	8.40	9.01	9.62	9.80	9.62	9.52	9.52	9.35	8.85	8.47		54.2	7.09	9.68	9.46

Heat 2

date 25-Jun-17 wind 0.9 m/s Jiang (2017) CAA Sport Science Report

		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	1.90	3.06	4.12	5.13	6.13	7.14	8.15	9.20	10.26	11.34	11.52	1 / 1				
	reaction time	interval		1.16	1.06	1.01	1.00	1.01	1.05	1.06	1.08		# of strides	4.12	3.02	3.12	
	velocity		5.26	8.62	9.43	9.90	10.00	9.90	9.90	9.52	9.43	9.26	8.68		52.0	7.28	9.93	9.62

2017 Japanese National Championships (Osaka, JPN)

FINAL

date 24-Jun-17 wind 0.2 m/s Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Nakamura, Mizuki (JPN) (1996)	time	2.06	3.24	4.32	5.36	6.39	7.42	8.46	9.52	10.59	11.68	11.68	1 / 3				
	reaction time	0.145	interval		1.18	1.08	1.04	1.03	1.03	1.04	1.06	1.07	1.09	# of strides	4.32	3.10	3.17
	velocity		4.85	8.47	9.26	9.62	9.71	9.71	9.62	9.43	9.35	9.17	8.56		49.8	6.94	9.68	9.46

Heat 3

date 23-Jun-17 wind -0.9 m/s Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Takeuchi, Sayaka (JPN) (1995)	time	2.07	3.26	4.33	5.37	6.42	7.47	8.53	9.62	10.72	11.83	11.83	1 / 3				
	reaction time	0.141	interval		1.19	1.07	1.04	1.05	1.05	1.06	1.09	1.11		# of strides	4.33	3.14	3.25
	velocity																

velocity	4.83	8.40	9.35	9.62	9.52	9.52	9.43	9.17	9.09	9.01	8.45	54.6	6.93	9.55	9.23
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Heat 2

		date	23-Jun-17	wind	-0.1 m/s	<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Shimada, Sae (JPN) (1994)	time			2.02	3.19	4.27	5.32	6.38	7.44	8.51	9.60	10.71	11.83	11.83	/ 3			
	reaction time	0.103	interval		1.17	1.08	1.05	1.06	1.06	1.07	1.09	1.11	1.12	=PB	# of strides	4.27	3.17	3.27
	velocity			4.95	8.55	9.26	9.52	9.43	9.43	9.35	9.17	9.01	8.93	8.45	53.1	7.03	9.46	9.17

Heat 1

		date	23-Jun-17	wind	0.2 m/s	<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</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			2.05	3.20	4.25	5.29	6.30	7.32	8.35	9.40	10.46	11.55	11.55	/ 2			
	reaction time	0.145	interval		1.15	1.05	1.04	1.01	1.02	1.03	1.05	1.06	1.09		# of strides	4.25	3.07	3.14
	velocity			4.88	8.70	9.52	9.62	9.90	9.80	9.71	9.52	9.43	9.17	8.66	54.4	7.06	9.77	9.55
Imai, Saori (JPN) (1990)	time			2.09	3.27	4.35	5.39	6.42	7.46	8.50	9.55	10.62	11.71	11.71	/ 3			
	reaction time	0.146	interval		1.18	1.08	1.04	1.03	1.04	1.04	1.05	1.07	1.09		# of strides	4.35	3.11	3.16
	velocity			4.78	8.47	9.26	9.62	9.71	9.62	9.62	9.52	9.35	9.17	8.54	50.4	6.90	9.65	9.49
Iki, Ichiko (JPN) (1997)	time			2.10	3.28	4.35	5.41	6.44	7.48	8.52	9.58	10.67	11.77	11.77	/ 4			
	reaction time	0.174	interval		1.18	1.07	1.06	1.03	1.04	1.04	1.06	1.09	1.10		# of strides	4.35	3.13	3.19
	velocity			4.76	8.47	9.35	9.43	9.71	9.62	9.62	9.43	9.17	9.09	8.50	53.4	6.90	9.58	9.40

2017 Fuse Sprint (Fuse, JPN)**FINAL**

		date	04-Jun-17	wind	2.1 m/s	<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>												
				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	4.25	5.29	6.30	7.30	8.30	9.31	10.33	11.38	11.38	/ 1			
	reaction time		interval		1.17	1.06	1.04	1.01	1.00	1.00	1.01	1.02	1.05		# of strides	4.25	3.05	3.03
	velocity			4.95	8.55	9.43	9.62	9.90	10.00	10.00	9.90	9.80	9.52	8.79	49.9	7.06	9.84	9.90
Seko, Noboka (JPN) (1991)	time			2.05	3.23	4.32	5.37	6.40	7.43	8.47	9.52	10.59	11.68	11.68	/ 2			
	reaction time		interval		1.18	1.09	1.05	1.03	1.03	1.04	1.05	1.07	1.09		# of strides	4.32	3.11	3.16
	velocity			4.88	8.47	9.17	9.52	9.71	9.71	9.62	9.52	9.35	9.17	8.56	54.9	6.94	9.65	9.49

B FINAL

		date	04-Jun-17	wind	3.1 m/s	<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Matsuda, Yumi (JPN) (1994)	time			2.10	3.28	4.37	5.43	6.47	7.50	8.55	9.60	10.68	11.78	11.78	/ 1			
	reaction time		interval		1.18	1.09	1.06	1.04	1.03	1.05	1.05	1.08	1.10		# of strides	4.37	3.13	3.18
	velocity			4.76	8.47	9.17	9.43	9.62	9.71	9.52	9.52	9.26	9.09	8.49	53.9	6.86	9.58	9.43

Heat 7

		date	04-Jun-17	wind	1.1 m/s	<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Shimada, Yukina (JPN) (1998)	time			2.10	3.26	4.31	5.34	6.37	7.42	8.49	9.59	10.71	11.84	11.84	/ 6			
	reaction time		interval		1.16	1.05	1.03	1.03	1.05	1.07	1.10	1.12	1.13		# of strides	4.31	3.11	3.29
	velocity			4.76	8.62	9.52	9.71	9.71	9.52	9.35	9.09	8.93	8.85	8.45	48.8	6.96	9.65	9.12

Heat 6

		date	04-Jun-17	wind	0.8 m/s	<i>Matsuo (2017) - race analysis of the men's and women's 100m in the 2017 season</i>												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Terai, Miho (JPN) (1993)	time			2.02	3.20	4.29	5.35	6.39	7.44	8.50	9.58	10.68	11.77	11.77	/ 1			
	reaction time		interval		1.18	1.09	1.06	1.04	1.05	1.06	1.08	1.10	1.09	PB	# of strides	4.29	3.15	3.24
	velocity			4.95	8.47	9.17	9.43	9.62	9.52	9.43	9.26	9.09	9.17	8.50	53.4	6.99	9.52	9.26
Sugiyama, Miki (JPN) (1995)	time			2.04	3.21	4.30	5.36	6.40	7.45	8.52	9.60	10.70	11.81	11.81	/ 2			
	reaction time		interval		1.17	1.09	1.06	1.04	1.05	1.07	1.08	1.10	1.11	PB	# of strides	4.30	3.15	3.25
	velocity			4.90	8.55	9.17	9.43	9.62	9.52	9.35	9.26	9.09	9.01	8.47	54.7	6.98	9.52	9.23

2017 Shimane High School Championships (Izumo, JPN)**FINAL**

		date	27-May-17	wind	-0.5 m/s	<i>Shimizu (2018) - shimane high school championships 2018 - biomechanics data analysis</i>												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ishikawa, Yuki (JPN)	time					4.60			7.87				12.39	12.39	6 / 1			
	reaction time		interval						3.27				4.52		# of strides	4.60	3.27	
	velocity				6.52				9.17				8.85	8.07	56.5	6.52	9.17	
Maeda, Rune (JPN)	time				4.40				7.70				12.41	12.41	7 / 2			
	reaction time		interval						3.30				4.71		# of strides	4.40	3.30	
	velocity				6.82				9.09				8.49	8.06	57.5	6.82	9.09	
Takada, Momoka (JPN)	time				4.53				7.90				12.64	12.64	5 / 3			
	reaction time		interval						3.37				4.74		# of strides	4.53	3.37	
	velocity				6.62				8.90				8.44	7.91	56.5	6.62	8.90	
Yoneda, Ryoha (JPN)	time				4.77				8.17				12.87	12.87	8 / 4			
	reaction time		interval						3.40				4.70		# of strides	4.77	3.40	
	velocity				6.29				8.82				8.51	7.77	54.5	6.29	8.82	

Nagato, Tomoka (JPN)	time	4.63	8.03	12.96	12.96	4 / 5			
	reaction time	interval	3.40	4.93		# of strides	4.63	3.40	
	velocity	6.48	8.82	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	interval	3.40	4.99		# of strides	4.63	3.40	
	velocity	6.48	8.82	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	interval	3.43	4.92		# of strides	4.70	3.43	
	velocity	6.38	8.75	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	interval	1.18	1.06	1.03	1.02	1.01	1.00	1.02	1.04		# of strides	4.28	3.06	3.02	
	velocity	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	interval	1.18	1.06	1.02	1.01	1.01	1.01	1.02	1.07		# of strides	4.30	3.03	3.04	
	velocity	4.85	8.47	9.43	9.80	9.90	10.00	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	interval	1.19	1.05	1.03	1.00	1.01	1.02	1.04	1.07		# of strides	4.29	3.04	3.07	
	velocity	4.88	8.40	9.52	9.71	10.00	9.90	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	interval	1.17	1.06	1.02	1.01	1.01	1.02	1.02	1.03	1.08		# of strides	4.30	3.04	3.07
	velocity	4.83	8.55	9.43	9.80	9.90	9.90	9.80	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	interval	1.16	1.06	1.04	1.01	1.03	1.04	1.03	1.05	1.11		# of strides	4.27	3.08	3.12
	velocity	4.88	8.62	9.43	9.62	9.90	9.71	9.62	9.71	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	interval	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
	velocity	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	interval	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
	velocity	4.83	8.47	9.17	9.52	9.71	9.71	9.52	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	interval	1.17	1.07	1.03	1.01	1.01	1.01	1.02	1.03	1.05		# of strides	4.30	3.05	3.06
	velocity	4.85	8.55	9.35	9.71	9.90	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	interval	1.17	1.09	1.05	1.03	1.04	1.04	1.05	1.07	1.08		# of strides	4.31	3.12	3.16
	velocity	4.88	8.55	9.17	9.52	9.71	9.62	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	interval	1.18	1.09	1.06	1.04	1.04	1.05	1.06	1.07	1.10		# of strides	4.29	3.14	3.18
	velocity	4.95	8.47	9.17	9.43	9.62	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	interval	0.19	1.07	1.05	1.02	1.05	1.05	1.07	1.09	1.11		# of strides	4.28	3.12	3.21
	velocity	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	interval	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
	velocity	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	<i>Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters</i>												
			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		2.05	3.21	4.29	5.33	6.35	7.36	8.39	9.43	10.49	11.57	11.57	7 / 1			
	reaction time	0.122		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
			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	<i>(2016) - www.windsprint/Splittider/</i>												
			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	0.157											10.71	4 / 1		# of strides	49.5
Bowie, Tori (USA) (1990)	time	0.112											10.83	5 / 2		# of strides	47.5
Fraser-Pryce, Shelly-Ann (JAM) (1992)	time	0.138											10.86	6 / 3		# of strides	50.5
Ta Lou, Marie Josée (CIV) (1988)	time	0.136											10.86	3 / 4		# of strides	49.7
Schippers, Dafne (NED) (1992)	time	0.134											10.90	9 / 5		# of strides	47.0
Ahye, Michelle-Lee (TTO) (1992)	time	0.132											10.92	8 / 6		# of strides	50.2
Gardner, English (USA) (1992)	time	0.148											10.94	7 / 7		# of strides	47.2
Williams, Christania (JAM) (1994)	time	0.163											11.80	2 / 8		# of strides	51.0

2016 Windsprint (Sundsvall, SWE)

A FINAL

	date	31-Jul-16	wind	2.0 m/s	<i>(2016) - www.windsprint/Splittider/</i>												
			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			7.53				11.70	11.70	5 / 1			
	reaction time							3.09				4.17	PB	# of strides	4.44	3.09	
					6.76			9.71				9.59	8.55		6.76	9.71	
Eurenius, Isabelle (SWE) (1989)	time				4.42			7.53				11.72	11.72	3 / 2			
	reaction time							3.11				4.19	=PB	# of strides	4.42	3.11	
					6.79			9.65				9.55	8.53		6.79	9.65	
Ström, Malin (SWE) (1986)	time				4.42			7.53				11.74	11.74	4 / 3			
	reaction time							3.11				4.21	PB	# of strides	4.42	3.11	
					6.79			9.65				9.50	8.52		6.79	9.65	
Nikamo, Karolina (SWE) (1995)	time				4.52			7.71				12.04	12.04	8 / 4			
	reaction time							3.19				4.33		# of strides	4.52	3.19	
					6.64			9.40				9.24	8.31		6.64	9.40	
Sjöberg, Nikki (SWE) (1998)	time				4.50			7.69				12.06	12.06	6 / 5			
	reaction time							3.19				4.37		# of strides	4.50	3.19	
					6.67			9.40				9.15	8.29		6.67	9.40	
Palm, Josefin (SWE) (1994)	time				4.54			7.74				12.17	12.17	2 / 6			
	reaction time							3.20				4.43		# of strides	4.54	3.20	
					6.61			9.38				9.03	8.22		6.61	9.38	
Törnros, Sandra (SWE) (1995)	time				4.63			7.86				12.30	12.30	7 / 7			
	reaction time							3.23				4.44		# of strides	4.63	3.23	
					6.48			9.29				9.01	8.13		6.48	9.29	
Berneryd, Saga (SWE) (1999)	time				4.69			7.96				12.36	12.36	1 / 8			
	reaction time							3.27				4.40	PB	# of strides	4.69	3.27	
					6.40			9.17				9.09	8.09		6.40	9.17	

B FINAL

	date	31-Jul-16	wind	1.3 m/s	<i>(2016) - www.windsprint/Splittider/</i>												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sönnerfors, Marie (SWE) (1993)	time				4.64			7.94				12.45	12.45	4 / 1			
	reaction time							3.30				4.51		# of strides	4.64	3.30	
					6.47			9.09				8.87	8.03		6.47	9.09	
Sandgren, Jenni (SWE) (1998)	time				4.68			8.02				12.66	12.66	3 / 2			
	reaction time							3.34				4.64		# of strides	4.68	3.34	
					6.41			8.98				8.62	7.90		6.41	8.98	
Sackey Mesah, Marion (SWE) (1991)	time				4.84			8.16				12.69	12.69	5 / 3			
	reaction time							3.32				4.53		# of strides	4.84	3.32	
					6.20			9.04				8.83	7.88		6.20	9.04	
Von Gerber, Alva (SWE) (2000)	time				4.76			8.19				12.96	12.96	6 / 4			
	reaction time							3.43				4.77		# of strides	4.76	3.43	
					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	interval	3.51	4.95	4.95	# of strides	4.80	3.51											
		velocity	6.25	8.55	8.08	7.54	6.25	8.55											
Lööw, Anna-Lena (SWE) (1965)	time	5.05	8.77	13.89	13.89	7 / 6													
	reaction time	interval	3.72	5.12	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			interval			3.27				4.51	PB	# of strides	4.58	3.27	
				velocity	6.55	9.17	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			interval			3.33				4.50		# of strides	4.67	3.33	
				velocity	6.42	9.01	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			interval			3.32				4.58		# of strides	4.64	3.32	
				velocity	6.47	9.04	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			interval			3.38				4.60		# of strides	4.84	3.38	
				velocity	6.20	8.88	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			interval			3.39				4.72		# of strides	4.73	3.39	
				velocity	6.34	8.85	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			interval			3.43				4.78		# of strides	4.75	3.43	
				velocity	6.32	8.75	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			interval			3.54				5.00		# of strides	4.82	3.54	
				velocity	6.22	8.47	8.47				8.00	7.49		6.22	8.47	
Lööw, Anna-Lena (SWE) (1965)	time			5.06			8.84				14.14	14.14	1 / 8			
	reaction time			interval			3.78				5.30		# of strides	5.06	3.78	
				velocity	5.93	7.94	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			interval			2.99				4.23	PB	# of strides	4.58	2.99	
				velocity	6.55	10.03	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			interval			3.11				4.26	PB	# of strides	4.45	3.11	
				velocity	6.74	9.65	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			interval			3.13				4.28		# of strides	4.44	3.13	
				velocity	6.76	9.58	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			interval			3.20				4.38		# of strides	4.49	3.20	
				velocity	6.68	9.38	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			interval			3.19				4.33		# of strides	4.58	3.19	
				velocity	6.55	9.40	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			interval			3.25				4.51		# of strides	4.45	3.25	
				velocity	6.74	9.23	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			interval			3.22				4.40		# of strides	4.60	3.22	
				velocity	6.52	9.32	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			interval			3.26				4.53		# of strides	4.45	3.26	
				velocity	6.74	9.20	9.20				8.83	8.17		6.74	9.20	

2016 Japanese National High School Championships (Okayama, JPN)

FINAL

		date	30-Jul-16	wind	Kota (2016) - 69th high school championships: JAF scientific committee - biomechanics data collection														
				1.6 m/s	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	1.05	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	Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters														
				-0.2 m/s	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	9.65
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	9.49
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	9.26

2016 Fuse Sprint (Tottori, JPN)

FINAL

		date	05-Jun-16	wind	Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters														
				0.7 m/s	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	9.52
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	9.35
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	9.32

Heat 6

		date	05-Jun-16	wind	Matsuo (2016) - speed, frequency, and stride analysis of male & female 100m sprinters														
				1.1 m/s	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	9.43

2016 Schweizer Verein Meisterschaften (St. Gallen, SUI)

FINAL

		date	21-May-16	wind	Swiss Athletics (2016) - sprint and hurdle analysis														
				-1.8m/s	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Kora, Salomé (SUI) (1994)	time					6.49					11.76	11.76	/ 1			
	reaction time										5.27		# of strides			
	interval 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			
	interval 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			
	interval 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			
	interval velocity					7.53					8.94	8.18				

2016 Seiko Golden Grand Prix (Kawasaki, JPN)

FINAL

date 08-May-16 wind -1.7 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
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
	interval 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
	interval 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
	interval 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			
	interval 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			
	interval 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			
	interval 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			
	interval velocity					7.62					9.45	8.44				

2016 Mikio Oda Memorial (Hiroshima, JPN)

FINAL

date 29-Apr-16 wind -1.8 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
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		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
	interval 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

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						2.97		# of strides	4.24	2.97	
	interval 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						3.01	PB	# of strides	4.38	3.01	
	interval 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						3.07	PB	# of strides	4.38	3.07	
	interval 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	

Hauri, Majella (SUI) (1995)	time	4.50	7.81	7.81	/ 6			
	reaction time	interval	3.31	=PB	# of strides	4.50	3.31	
	velocity	6.67	9.06	7.68		6.67	9.06	
Vollenweider, Rahel (SUI) (1989)	time	4.65	7.93	7.93	/ 7			
	reaction time	interval	3.28		# of strides	4.65	3.28	
	velocity	6.45	9.15	7.57		6.45	9.15	
Keller, Melanie (SUI) (1994)	time	4.66	7.93	7.93	/ 8			
	reaction time	interval	3.27		# of strides	4.66	3.27	
	velocity	6.44	9.17	7.57		6.44	9.17	

2015 IAAF World Championships (Beijing, CHN)**FINAL**

	date	24-Aug-15	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) (	0.161	no information available											10.76	5 / 1		# of strides	50.5		
Schippers, Dafne (NED) (1992)	0.129	no information available											10.81	6 / 2		# of strides	46.7		
Bowie, Tori (USA) (1990)	0.153	no information available											10.86	7 / 3		# of strides	46.2		
Campbell-Brown, Veronica (JAM	0.137	no information available											10.91	4 / 4		# of strides	48.7		
Ahye, Michelle-Lee (TTO) (1992)	0.145	no information available											10.98	3 / 5		# of strides	50.2		
Baptiste, Kelly-Ann (TTO) (1986)	0.127	no information available											11.01	8 / 6		# of strides	51.0		
Morrison, Natasha (JAM) (1992)	0.200	no information available											11.02	2 / 7		# of strides	48.2		
Okagbare, Blessing (NGR) (1988)	0.185	no information available											11.02	9 / 8		# of strides	46.7		

2015 Japanese National High School Championships (Wakayama, JPN)**FINAL**

	date	30-Jul-15	wind	-1.2 m/s	<i>Enomoto (2015) - 68th high school championships: JAF scientific committee - biomechanics data collection</i>														
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Edobar, Iyoba (JPN) (1997)	time		4.33	5.38	6.41	7.44	8.47	9.52	10.60	11.72	11.72	11.72	11.72	/ 1					
	reaction time	interval		1.05	1.03	1.03	1.03	1.05	1.08	1.12	PB		# of strides	4.33	3.11	3.16			
	velocity		6.93	9.52	9.71	9.71	9.71	9.52	9.26	8.93	8.53			6.93	9.65	9.49			
Shibayama, Sayaka (JPN) (1997)	time		4.33	5.40	6.44	7.52	8.58	9.66	10.75	11.89	11.89	11.89	11.89	/ 2					
	reaction time	interval		1.07	1.04	1.08	1.06	1.08	1.09	1.14		# of strides	4.33	3.19	3.23				
	velocity		6.93	9.35	9.62	9.26	9.43	9.26	9.17	8.77	8.41			6.93	9.40	9.29			
Nishio, Kaho (JPN) (1997)	time		4.38	5.44	6.48	7.55	8.61	9.69	10.78	11.91	11.91	11.91	11.91	/ 3					
	reaction time	interval		1.06	1.04	1.07	1.06	1.08	1.09	1.13		# of strides	4.38	3.17	3.23				
	velocity		6.85	9.43	9.62	9.35	9.43	9.26	9.17	8.85	8.40			6.85	9.46	9.29			
Araki, Shino (JPN) (1997)	time		4.33	5.40	6.44	7.53	8.60	9.69	10.81	11.96	11.96	11.96	11.96	/ 4					
	reaction time	interval		1.07	1.04	1.09	1.07	1.09	1.12	1.15	PB		# of strides	4.33	3.20	3.28			
	velocity		6.93	9.35	9.62	9.17	9.35	9.17	8.93	8.70	8.36			6.93	9.38	9.15			
Miyake, Marina (JPN) (1997)	time		4.40	5.48	6.55	7.61	8.67	9.74	10.83	11.97	11.97	11.97	11.97	/ 5					
	reaction time	interval		1.08	1.07	1.06	1.06	1.07	1.09	1.14		# of strides	4.40	3.21	3.22				
	velocity		6.82	9.26	9.35	9.43	9.43	9.35	9.17	8.77	8.35			6.82	9.35	9.32			
Nakano, Makoto (JPN) (1997)	time		4.33	5.41	6.44	7.53	8.60	9.69	10.81	11.98	11.98	11.98	11.98	/ 6					
	reaction time	interval		1.08	1.03	1.09	1.07	1.09	1.12	1.17		# of strides	4.33	3.20	3.28				
	velocity		6.93	9.26	9.71	9.17	9.35	9.17	8.93	8.55	8.35			6.93	9.38	9.15			
Kawamura, Tomomi (JPN) (1997)	time		4.40	5.48	6.51	7.60	8.68	9.78	10.89	12.04	12.04	12.04	12.04	/ 7					
	reaction time	interval		1.08	1.03	1.09	1.08	1.10	1.11	1.15		# of strides	4.40	3.20	3.29				
	velocity		6.82	9.26	9.71	9.17	9.26	9.09	9.01	8.70	8.31			6.82	9.38	9.12			
Yoshino, Shiori (JPN) (1999)	time		4.45	5.56	6.62	7.69	8.76	9.85	10.96	12.11	12.11	12.11	12.11	/ 8					
	reaction time	interval		1.11	1.06	1.07	1.07	1.09	1.11	1.15		# of strides	4.45	3.24	3.27				
	velocity		6.74	9.01	9.43	9.35	9.35	9.17	9.01	8.70	8.26			6.74	9.26	9.17			

2015 Windsprint (Sundsvall, SWE)**A FINAL**

	date	26-Jul-15	wind	0.9 m/s	<i>(2015) - www.windsprint/Splittider/</i>														
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Williams, Christania (JAM) (1994)	time		4.26					7.29		9.33		11.43	11.43	4 / 1					
	reaction time	interval						3.03		2.04		2.10		# of strides	4.26	3.03			
	velocity		7.04					9.90		9.80		9.52	8.75		7.04	9.90			
Latvala, Hanna-Maari (FIN) (1987)	time		4.42					7.54		9.64		11.81	11.81	5 / 2					
	reaction time	interval						3.12		2.10		2.17		# of strides	4.42	3.12			
	velocity		6.79					9.62		9.52		9.22	8.47		6.79	9.62			
Östlund, Elin (SWE) (1991)	time		4.51					7.57		9.69		11.86	11.86	6 / 3					
	reaction time	interval						3.06		2.12		2.17		# of strides	4.51	3.06			
	velocity		6.65					9.80		9.43		9.22	8.43		6.65	9.80			

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

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	interval					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	interval					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	interval					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	interval					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	interval					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	interval					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	interval					2.22		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	interval					2.27		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	interval					2.29		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	interval					2.29		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	interval					2.29		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																
	reaction time	0.132	interval											# 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																
	reaction time	0.158	interval											# 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																
	reaction time	0.156	interval											# 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	1.06	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

Doi, Anna (JPN) (1995)	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		
	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						
reaction time	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

Watanabe, Mayumi (JPN) (1983)	date	19-Apr-15	wind	0.8 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		
	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						
reaction time	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

Edobar, Iyoba (JPN) (1997)	date	31-Jul-14	wind	-2.4 m/s													<i>Yanagiya (2014) - research on athlete performance and technique- 2014 data book</i>		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
	time	2.13	3.32	4.42	5.49	6.55	7.61	8.70	9.80	10.93	12.06	12.06	/ 1						
reaction time	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	67.9	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						
	reaction time	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	68.3	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						
	reaction time	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	67.9	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						
	reaction time	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	67.0	9.26	9.12				

2014 Windsprint (Sundsvall, SWE)

A FINAL

Williams, Christiana (JAM) (1994)	date	20-Jul-14	wind	1.2 m/s													<i>(2014) - www.ssg.se/windsprint/Splittider/</i>		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
	time			4.20			7.17		9.16		11.24	11.24	3 / 1						
reaction time	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					
Okparaebo, Ezinne (NOR) (1988)	time			4.19			7.19		9.21		11.32	11.32	5 / 2						
	reaction time	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					
Morrison, Natasha (JAM) (1992)	time			4.23			7.23		9.25		11.34	11.34	4 / 3						
	reaction time	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					
Eurenius, Isabelle (SWE) (1989)	time			4.46			7.59		9.69		11.83	11.83	2 / 4						
	reaction time	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					
Adriansson, Hanna (SWE) (1992)	time			4.43			7.59		9.73		11.92	11.92	7 / 5						
	reaction time	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					
Slettum, Elisabeth (NOR) (1986)	time			4.59			7.77		9.88		12.04	12.04	6 / 6						
	reaction time	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					
Morgan, Lynette (SWE) (1991)	time			4.48			7.71		9.87		12.06	12.06	1 / 7						
	reaction time	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					
Nikamo, Karolina (SWE) (1995)	time			4.47			7.65		9.82		12.07	12.07	8 / 8						
	reaction time	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

Bamane, Gladys (SWE) (1989)	date	20-Jul-14	wind	2.3 m/s													<i>(2014) - www.ssg.se/windsprint/Splittider/</i>		
			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						
reaction time	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		3.18	2.15	2.17	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		3.21	2.15	2.21	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		3.20	2.17	2.26	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		3.23	2.19	2.24	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						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						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						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						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						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						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						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						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						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						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						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

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		1.22	1.13	1.08	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		1.21	1.13	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	1.12	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		-3.0 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		3.45		5.70		7.91		10.11		12.37	12.37	4 / 1				
	reaction time	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					
Homolová, Martina (CZE) (1996)	time		3.48		5.79		8.02		10.23		12.50	12.50	5 / 2				
	reaction time	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					
Padevetová, Markéta (CZE) (1995)	time		3.52		5.85		8.15		10.46		12.84	12.84	3 / 3				
	reaction time	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					
Phan Tran Vi Thanh (CZE) (1995)	time		3.60		6.04		8.43		10.81		13.22	13.22	6 / 4				
	reaction time	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					
Bouší, Kristyna (CZE) (1996)	time		3.65		6.07		8.46		10.88		13.37	13.37	2 / 5				
	reaction time	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					
Adlerová, Kristyna (CZE) (1996)	time		3.70		6.15		8.53		10.96		13.48	13.48	7 / 6				
	reaction time	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	
Kobiánová, Kristyna (CZE) (1995)	time		3.40		5.64		7.85		10.10		12.44	12.44	4 / 1				
	reaction time	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					
Doležalová, Bára (CZE) (1996)	time		3.48		5.74		7.95		10.21		12.57	12.57	5 / 2				
	reaction time	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					
Prochová, Hana (CZE) (1996)	time		3.43		5.72		7.97		10.26		12.70	12.70	3 / 3				
	reaction time	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					
Kubištová, Anežka (CZE) (1996)	time		3.62		5.97		8.28		10.63		13.03	13.03	6 / 4				
	reaction time	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					
Votinská, Barbora (CZE) (1996)	time		3.62		6.03		8.40		10.81		13.32	13.32	7 / 5				
	reaction time	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									
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		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			
	interval 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			
	interval 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			
	interval 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			
	interval 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			
	interval 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			
	interval velocity		5.39		8.20		8.33		8.23		8.00	7.42				
Vélová, 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			
	interval 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	1.11	1.12	1.14	1.16	1.17		# of strides	4.42	3.33	3.42
	interval 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	1.13	1.17	1.17	1.19	1.22		# of strides	4.49	3.44	3.53
	interval 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	1.13	1.15	1.14	1.16	1.19	1.20	# of strides	4.59	3.41	3.49
	interval 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	1.18		# of strides	4.58	3.49	3.51
	interval 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	1.25	# of strides	4.65	3.48	3.59
	interval 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
	interval 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	1.15	1.18	1.17	1.21	1.21	1.24	# of strides	4.75	3.48	3.59
	interval 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
	interval 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			
	interval 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			
	interval 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**

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

		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	2.08	3.22	4.27	5.30	6.32	7.35	8.37	9.42	10.48	11.57	11.57	7 / 1			
	reaction time	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

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

		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	3.19	4.24	5.27	6.29	7.31	8.35	9.41	10.48	11.58	11.58	4 / 1			
	reaction time	interval	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
	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)

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				Akirabun (2014)
	reaction time	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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**

date 29-Apr-14 wind 1.5 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
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

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	interval	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
	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	<i>Akirabun (2014) - the relationship between pitch and stride in the men's and women's 100m race</i>												
		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	
	0.165	no information available										10.93	6 / 2	# of strides	51.0		
	0.156	no information available										10.94	5 / 3	# of strides	50.7		
Jeter, Carmelita (USA) (1979)	0.151	no information available										10.97	2 / 4	# of strides	47.2		
	0.229	no information available										10.97	8 / 5	# of strides	47.2		
	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		
	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	<i>Matsuo (2013) - 66th high school championships: JAF scientific committee - biomechanics data collection</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
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	1.03	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	1.07	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	1.08	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	1.08	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	1.13	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	<i>(2013) - www.ssg.se/windsprint/Splittider/</i>												
		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	
Okbaraabo, 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 FINAL

date 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 FINAL

date 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 FINAL

date 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, Katerina (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) (1991)	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*

Procházková, Barbora (CZE) (1991)	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, Katerina (CZE) (1988)	time	3.22	5.30	7.32	9.34	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	interval	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		interval	1.17	1.07	1.05	1.04	1.04	1.05	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		interval	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	interval		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	interval		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	interval		2.03		1.97		# of strides		
		velocity	6.43		9.85		10.15	8.44	34.0		
Lalova, Iveta (BUL) (1984)	time		3.13		5.16		7.12	7.12	6 / 4		
	reaction time	0.152	interval		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	interval		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	interval		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	interval		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	interval		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		interval	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

		date	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	interval						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	interval						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	interval						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	interval						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	interval						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	interval						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	interval						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	interval						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

		date	wind 1.0 m/s		(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jones, Hayley (GBR) (1988)	time				4.27			7.29		9.32		11.42	11.42		5 / 1		
	reaction time	interval						3.02		2.03		2.10		# of strides	4.27	3.02	
	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	interval						3.08		2.09		2.16		# of strides	4.32	3.08	
	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	interval						3.13		2.11		2.16	PB	# of strides	4.32	3.13	
	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	interval						3.10		2.08		2.18		# of strides	4.38	3.10	
	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	interval						3.11		2.13		2.19		# of strides	4.36	3.11	
	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	interval						3.18		2.16		2.27		# of strides	4.34	3.18	
	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	interval						3.16		2.13		2.24		# of strides	4.45	3.16	
	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	interval						3.13		2.10		2.24		# of strides	4.52	3.13	
	velocity				6.64			9.58		9.52		8.93	8.34			6.64	9.58

B FINAL

		date	wind 0.7 m/s		(2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hjelmer, Moa (SWE) (1990)	time				4.45			7.52		9.56		11.69	11.69		5 / 1		
	reaction time	interval						3.07		2.04		2.13		# of strides	4.45	3.07	
	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	interval		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	interval		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	interval		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	interval		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	interval		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

date 17-Jun-12 wind 0.6 m/s (2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Backman, Elin (SWE) (1988)	time		4.55				7.85		10.05		12.30	12.30	/ 1			
reaction time	interval						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	interval						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	interval						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	interval						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	interval						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	interval						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

date 17-Jun-12 wind 1.5 m/s (2012) - www.elitlandslag.se/SprintHäck/KortSprint.aspx

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Alfredsson, Marine (SWE) (1993)	time		4.57				7.82		10.04		12.35	12.35	/ 1			
reaction time	interval						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	interval						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	interval						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	interval						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**

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	interval		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
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	interval		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

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	9.80	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	1.04	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	30-60m	60-90m		
Ichikawa, Kana (JPN) (1991)	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					
	reaction time	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	
Watanabe, Mayumi (JPN) (1983)	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					
	reaction time	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	
Kitakaze, Saori (JPN) (1985)	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					
	reaction time	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	
Sano, Yumeka (JPN) (1985)	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					
	reaction time	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	
Okayama, Saeko (JPN) (1982)	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					
	reaction time	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	1.03	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	1.03	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		wind				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	0.98	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	1.02	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	1.00	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	7.86	8 / 7			
	reaction time	0.175		1.23	1.12	1.08	1.12			# of strides	4.57	3.29
	interval											
	velocity	4.50	8.13	8.93	9.26	8.93	9.17	7.63			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	Official Time	Lane / Place	0-30m	30-60m	60-90m
Rosolová, Denisa (CZE) (1986)	time	2.16	3.36	4.44	5.50	6.59	7.69	7.69	4 / 1			
	reaction time	0.159		1.20	1.08	1.06	1.09			# of strides	4.44	3.25
	interval											
	velocity	4.63	8.33	9.26	9.43	9.17	9.09	7.80			6.76	9.23
Hřivnová, Pavla (CZE) (1986)	time	2.14	3.39	4.51	5.58	6.65	7.71	7.71	3 / 2			
	reaction time	0.141		1.25	1.12	1.07	1.07			# of strides	4.51	3.20
	interval											
	velocity	4.67	8.00	8.93	9.35	9.35	9.43	7.78			6.65	9.38
Černochová, Martina (CZE) (1994)	time	2.15	3.37	4.53	5.59	6.68	7.75	7.75	5 / 3			
	reaction time	0.190		1.22	1.16	1.06	1.09			# of strides	4.53	3.22
	interval											
	velocity	4.65	8.20	8.62	9.43	9.17	9.35	7.74			6.62	9.32
Školová, Andrea (CZE) (1996)	time	2.25	3.49	4.64	5.76	6.85	7.95	7.95	6 / 4			
	reaction time	0.198		1.24	1.15	1.12	1.09			# of strides	4.64	3.31
	interval											
	velocity	4.44	8.06	8.70	8.93	9.17	9.09	7.55			6.47	9.06
Lepešková, Klára (CZE) (1993)	time	2.21	3.42	4.64	5.67	6.85	7.99	7.99	2 / 5			
	reaction time	0.168		1.21	1.22	1.03	1.18			# of strides	4.64	3.35
	interval											
	velocity	4.52	8.26	8.20	9.71	8.47	8.77	7.51			6.47	8.96
Brázdilová, Lenka (CZE) (1982)	time	2.27	3.53	4.71	5.86	7.00	8.14	8.14	7 / 6			
	reaction time	0.204		1.26	1.18	1.15	1.14			# of strides	4.71	3.43
	interval											
	velocity	4.41	7.94	8.47	8.70	8.77	8.77	7.37			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	Official Time	Lane / Place	0-30m	30-60m	60-90m
Mazáčová, Iveta (CZE) (1986)	time	2.05	3.21	4.31	5.37	6.39	7.46	7.46	4 / 1			
	reaction time	0.138		1.16	1.10	1.06	1.02			# of strides	4.31	3.15
	interval											
	velocity	4.88	8.62	9.09	9.43	9.80	9.35	8.04			6.96	9.52
Táborská, Monika (CZE) (1988)	time	2.19	3.37	4.50	5.58	6.64	7.70	7.70	5 / 2			
	reaction time	0.180		1.18	1.13	1.08	1.06			# of strides	4.50	3.20
	interval											
	velocity	4.57	8.47	8.85	9.26	9.43	9.43	7.79			6.67	9.38
Kobiánová, Kristyna (CZE) (1995)	time	2.11	3.31	4.47	5.57	6.63	7.70	7.70	3 / 3			
	reaction time	0.154		1.20	1.16	1.10	1.06			# of strides	4.47	3.23
	interval											
	velocity	4.74	8.33	8.62	9.09	9.43	9.35	7.79			6.71	9.29
Humpolíkova, Pavla (CZE) (1985)	time	2.17	3.37	4.52	5.62	6.71	7.80	7.80	6 / 4			
	reaction time	0.145		1.20	1.15	1.10	1.09			# of strides	4.52	3.28
	interval											
	velocity	4.61	8.33	8.70	9.09	9.17	9.17	7.69			6.64	9.15
Štychlová, Martina (CZE) (1992)	time	2.20	3.44	4.63	5.71	6.81	7.92	7.92	2 / 5			
	reaction time	0.168		1.24	1.19	1.08	1.10			# of strides	4.63	3.29
	interval											
	velocity	4.55	8.06	8.40	9.26	9.09	9.01	7.58			6.48	9.12
Mrnová, Markéta (CZE) (1991)	time	2.25	3.51	4.66	5.82	6.95	8.07	8.07	7 / 6			
	reaction time	0.161		1.26	1.15	1.16	1.13			# of strides	4.66	3.41
	interval											
	velocity	4.44	7.94	8.70	8.62	8.85	8.93	7.43			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	Official Time	Lane / Place	0-30m	30-60m	60-90m
Čechová, Katerina (CZE) (1988)	time	2.09	3.30	4.35	5.33	6.36	7.39	7.39	4 / 1			
	reaction time	0.141		1.21	1.05	0.98	1.03			# of strides	4.35	3.04
	interval											
	velocity	4.78	8.26	9.52	10.20	9.71	9.71	8.12			6.90	9.87
Procházková, Barbora (CZE) (199)	time	2.11	3.32	4.46	5.48	6.55	7.67	7.67	5 / 2			
	reaction time	0.158		1.21	1.14	1.02	1.07			# of strides	4.46	3.21
	interval											
	velocity	4.74	8.26	8.77	9.80	9.35	8.93	7.82			6.73	9.35
Domská, Lucie (CZE) (1993)	time	2.13	3.39	4.51	5.58	6.66	7.74	7.74	3 / 3			
	reaction time	0.137		1.26	1.12	1.07	1.08			# of strides	4.51	3.23
	interval											
	velocity	4.69	7.94	8.93	9.35	9.26	9.26	7.75			6.65	9.29
Chválnková, Adéla (CZE) (1989)	time	2.18	3.42	4.53	5.60	6.68	7.76	7.76	2 / 4			
	reaction time	0.181		1.24	1.11	1.07	1.08			# of strides	4.53	3.23
	interval											
	velocity	4.59	8.06	9.01	9.35	9.26	9.26	7.73			6.62	9.29
Rappová, Anna-Marie (CZE) (199)	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	0.95	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	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	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)	time		3.05	4.10	5.06	6.02	6.97	7.93	8.87	9.91	10.99	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	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	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, Iveta (BUL) (1984)	time		3.14	4.22	5.23	6.24	7.21	8.19	9.16	10.18	11.27	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	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		interval					1.04	1.05	1.09	1.12	1.13		# of strides			3.26
			velocity				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		interval					1.05	1.08	1.10	1.13	1.16		# of strides			3.31
			velocity				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		interval					1.04	1.09	1.10	1.13	1.16		# of strides			3.32
			velocity				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		interval					1.06	1.05	1.08	1.13	1.14		# of strides			3.26
			velocity				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 (JAI)	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 FINALdate 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	interval		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	interval						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	interval						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	interval						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	interval						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	interval						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	interval						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	
Nyhén, Ulrika (SWE) (1993)	time			4.64			8.04		10.38		12.84	12.84	2 / 7			
reaction time	interval						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	1 / 2			
reaction time	0.148 interval		1.16	1.07	1.04	1.03	1.02	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	interval		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	interval		1.12	1.04	1.00	1.01	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 / 1			
reaction time	interval		1.17	1.07	1.05	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	1 / 2			
reaction time	interval		1.15	1.06	1.04	1.03	1.05	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 / 1			
reaction time	interval		1.17	1.08	1.05	1.04	1.03	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		<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</i>									
			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	1.04	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		<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</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		2.05	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	1.00	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	1.02	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	1.01	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		<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</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		2.05	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	1.01	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	1.02	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		<i>Maho (2012) - sprint speed in 2011 women's 100m race, a change in pitch and stride</i>									
			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	1.02	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		<i>(2010) - www.ssg.se/en/Windsprint/Split-times/</i>									
			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	interval						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	interval						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	interval						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	interval						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	interval						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	interval						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	interval						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		interval	3.15	2.15	2.27	# of strides	4.51	3.15
	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						interval	3.10	2.08		2.17		# of strides	4.43	3.10	
	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						interval	3.15	2.07		2.13		# of strides	4.51	3.15	
	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						interval	3.17	2.14		2.24		# of strides	4.47	3.17	
	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						interval	3.18	2.11		2.16		# of strides	4.60	3.18	
	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						interval	3.17	2.13		2.23		# of strides	4.52	3.17	
	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						interval	3.20	2.19		2.29		# of strides	4.44	3.20	
	velocity			6.76			9.38		9.13		8.73	8.25		6.76	9.38	
Sandsjoe, Caroline (SWE) (1992)	time			4.50			7.75		9.94		12.23	12.23	/ 7			
	reaction time						interval	3.25	2.19		2.29		# of strides	4.50	3.25	
	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						interval	3.34	2.25		2.38		# of strides	4.69	3.34	
	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) (1988)	time			4.58			7.84		10.02		12.30	12.30	/ 1			
	reaction time						interval	3.26	2.18		2.28		# of strides	4.58	3.26	
	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						interval	3.29	2.19		2.24		# of strides	4.64	3.29	
	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						interval	3.32	2.20		2.30		# of strides	4.55	3.32	
	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						interval	3.33	2.21		2.29		# of strides	4.72	3.33	
	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						interval	3.38	2.25		2.34		# of strides	4.74	3.38	
	velocity			6.33			8.88		8.89		8.55	7.87		6.33	8.88	
Johansson, Charlotte (SWE) (1988)	time			4.72			8.12		10.40		12.76	12.76	/ 6			
	reaction time						interval	3.40	2.28		2.36		# of strides	4.72	3.40	
	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	1.04		2.08		2.09		2.15		# of strides	4.46	3.12	
	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	1.05		2.09		2.13		2.21		# of strides	4.46	3.14	

	velocity	5.92	9.26	9.52	9.57	9.39	9.05	8.38		6.73	9.55
Haase, Rebekka (GER) (1993)	time	3.40	4.49	5.55	7.64	9.76	11.95	11.95	/ 3		
	reaction time		1.09	1.06	2.09	2.12	2.19	2.19	# of strides	4.49	3.15
	velocity	5.88	9.17	9.43	9.57	9.43	9.13	8.37		6.68	9.52
Burghardt, Alexandra (GER) (1993)	time	3.37	4.45	5.50	7.58	9.72	11.95	11.95	/ 4		
	reaction time		1.08	1.05	2.08	2.14	2.23	2.23	# of strides	4.45	3.13
	velocity	5.93	9.26	9.52	9.62	9.35	8.97	8.37		6.74	9.58
Vögtle, Nadine (GER) (1994)	time	3.35	4.46	5.53	7.66	9.81	12.00	12.00	/ 5		
	reaction time		1.11	1.07	2.13	2.15	2.19	2.19	# of strides	4.46	3.20
	velocity	5.97	9.01	9.35	9.39	9.30	9.13	8.33		6.73	9.38
Zapalska, Monika (GER) (1994)	time	3.39	4.49	5.55	7.68	9.81	12.03	12.03	/ 6		
	reaction time		1.10	1.06	2.13	2.13	2.22	2.22	# of strides	4.49	3.19
	velocity	5.90	9.09	9.43	9.39	9.37	9.03	8.31		6.68	9.40
Frey, Carina (GER) (1994)	time	3.39	4.48	5.54	7.67	9.81	12.03	12.03	/ 7		
	reaction time		1.09	1.06	2.13	2.14	2.22	2.22	# of strides	4.48	3.19
	velocity	5.90	9.17	9.43	9.39	9.35	9.01	8.31		6.70	9.40
Braun, Franziska (GER) (1993)	time	3.34	4.44	5.51	7.66	9.82	12.07	12.07	/ 8		
	reaction time		1.10	1.07	2.15	2.16	2.25	2.25	# of strides	4.44	3.22
	velocity	5.99	9.09	9.35	9.30	9.26	8.89	8.29		6.76	9.32

Semi-Final 3

date 07-Aug-10		wind 0.5 m/s										Graubner (2010) - http://www.fgs.uni-halle.de				
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Burghardt, Alexandra (GER) (1993)	time	3.36	4.43	5.47	7.53	9.64	11.83	11.83	/ 1							
	reaction time		1.07	1.04	2.06	2.11	2.19	2.19	PB	# of strides	4.43	3.10				
	velocity	5.95	9.35	9.62	9.71	9.48	9.13	8.45		6.77	9.68					
Frey, Carina (GER) (1994)	time	3.33	4.41	5.45	7.54	9.68	11.89	11.89	/ 2							
	reaction time		1.08	1.04	2.09	2.14	2.21	2.21	PB	# of strides	4.41	3.13				
	velocity	6.01	9.26	9.62	9.57	9.35	9.05	8.41		6.80	9.58					

Semi-Final 2

date 07-Aug-10		wind 0.0 m/s										Graubner (2010) - http://www.fgs.uni-halle.de				
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Haase, Rebekka (GER) (1993)	time	3.38	4.47	5.52	7.60	9.71	11.87	11.87	/ 1							
	reaction time		1.09	1.05	2.08	2.11	2.16	2.16		# of strides	4.47	3.13				
	velocity	5.92	9.17	9.52	9.62	9.48	9.26	8.42		6.71	9.58					

Semi-Final 1

date 07-Aug-10		wind 1.3 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	3.41	4.48	5.52	7.57	9.63	11.75	11.75	/ 1							
	reaction time		1.07	1.04	2.05	2.06	2.12	2.12		# of strides	4.48	3.09				
	velocity	5.87	9.35	9.62	9.76	9.71	9.43	8.51		6.70	9.71					
Vögtle, Nadine (GER) (1994)	time	3.36	4.47	5.55	7.65	9.75	11.92	11.92	/ 2							
	reaction time		1.11	1.08	2.10	2.10	2.17	2.17		# of strides	4.47	3.18				
	velocity	5.95	9.01	9.26	9.52	9.52	9.22	8.39		6.71	9.43					

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

date 06-Aug-10		wind 0.4 m/s										Graubner (2010) - http://www.fgs.uni-halle.de				
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Günther, Leena (GER) (1991)	time	3.36	4.41	5.43	7.44	9.47	11.54	11.54	/ 1							
	reaction time		1.05	1.02	2.01	2.03	2.07	2.07		# of strides	4.41	3.03				
	velocity	5.95	9.52	9.80	9.95	9.85	9.66	8.67		6.80	9.90					
Pinto, Tatjana (GER) (1992)	time	3.31	4.37	5.39	7.41	9.48	11.64	11.64	/ 2							
	reaction time		1.06	1.02	2.02	2.07	2.16	2.16		# of strides	4.37	3.04				
	velocity	6.04	9.43	9.80	9.90	9.66	9.26	8.59		6.86	9.87					
Bahl, Nadja (GER) (1992)	time	3.40	4.48	5.52	7.59	9.71	11.93	11.93	/ 3							
	reaction time		1.08	1.04	2.07	2.12	2.22	2.22		# of strides	4.48	3.11				
	velocity	5.88	9.26	9.62	9.66	9.43	9.01	8.38		6.70	9.65					
Kölsch, Janina (GER) (1991)	time	3.45	4.55	5.61	7.72	9.88	12.07	12.07	/ 4							
	reaction time		1.10	1.06	2.11	2.16	2.19	2.19		# of strides	4.55	3.17				
	velocity	5.80	9.09	9.43	9.48	9.26	9.13	8.29		6.59	9.46					
Riedl, Julia (GER) (1991)	time	3.48	4.59	5.66	7.79	9.95	12.14	12.14	/ 5							
	reaction time		1.11	1.07	2.13	2.16	2.19	2.19		# of strides	4.59	3.20				
	velocity	5.75	9.01	9.35	9.39	9.26	9.13	8.24		6.54	9.38					

Baur, Eva (GER) (1992)	time	3.48	4.58	5.65	7.80	9.97	12.18	12.18	/ 6				
reaction time	interval		1.10	1.07	2.15	2.17	2.21		# of strides	4.58	3.22		
	velocity	5.75	9.09	9.35	9.30	9.22	9.05	8.21		6.55	9.32		

Buckel, Carlotta (GER) (1991)	time	3.52	4.64	5.73	7.88	10.06	12.31	12.31	/ 7				
reaction time	interval		1.12	1.09	2.15	2.18	2.25		# of strides	4.64	3.24		
	velocity	5.68	8.93	9.17	9.30	9.17	8.89	8.12		6.47	9.26		

Schmidt, Annika (GER) (1983)	time	3.54	4.67	5.77	7.92	10.13	12.39	12.39	/ 8				
reaction time	interval		1.13	1.10	2.15	2.21	2.26		# of strides	4.67	3.25		
	velocity	5.65	8.85	9.09	9.30	9.05	8.85	8.07		6.42	9.23		

Semi-Final 1date 06-Aug-10 wind 0.4 m/s Graubner (2010) - <http://www.fgs.uni-halle.de>

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Pinto, Tatjana (GER) (1992)	time	3.26	4.32	5.35	7.38	9.45	11.58	11.58	/ 1							
reaction time	interval		1.06	1.03	2.03	2.07	2.13		# of strides	4.32	3.06					
	velocity	6.13	9.43	9.71	9.85	9.66	9.39	8.64		6.94	9.80					

2010 Japanese National High School Championships (Okinawa, JPN)**FINAL**date 30-Jul-10 wind -3.2 m/s Matsuo (2010) - 63rd high school championships: JAF scientific committee - biomechanics data collection

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Aoki, Masumi (JPN) (1994)	time	2.03	3.24	5.47	6.56	7.65	8.76	9.91	11.06	12.23	12.23	6 / 1					
reaction time	interval		1.21	2.23	1.09	1.09	1.11	1.15	1.15	1.17		# of strides				3.29	
	velocity	4.93	8.26	8.97	9.17	9.17	9.01	8.70	8.55	8.18							9.12
Hashizume, Sakina (JPN) (1993)	time	2.11	3.34	5.59	6.68	7.79	8.92	10.05	11.18	12.35	12.35	3 / 2					
reaction time	interval		1.23	2.25	1.09	1.11	1.13	1.13	1.13	1.17		# of strides					3.33
	velocity	4.74	8.13	8.89	9.17	9.01	8.85	8.85	8.85	8.55	8.10						9.01
Takenaka, Hikaru (JPN) (1993)	time	2.13	3.37	5.62	6.72	7.84	8.96	10.07	11.21	12.38	12.38	7 / 3					
reaction time	interval		1.24	2.25	1.10	1.12	1.12	1.11	1.14	1.17		# of strides					3.34
	velocity	4.69	8.06	8.89	9.09	8.93	8.93	9.01	8.77	8.55	8.08						8.98
Kawabata, Momoko (JPN) (1993)	time	2.07	3.29	5.54	6.64	7.77	8.91	10.06	11.22	12.40	12.40	4 / 4					
reaction time	interval		1.22	2.25	1.10	1.13	1.14	1.15	1.16	1.18		# of strides					3.37
	velocity	4.83	8.20	8.89	9.09	8.85	8.77	8.70	8.62	8.47	8.06						8.90
Nakao, Yuri (JPN) (1992)	time	2.10	3.30	5.53	6.64	7.76	8.91	10.07	11.22	12.44	12.44	5 / 5					
reaction time	interval		1.20	2.23	1.11	1.12	1.15	1.16	1.15	1.22		# of strides					3.38
	velocity	4.76	8.33	8.97	9.01	8.93	8.70	8.62	8.70	8.20	8.04						8.88
Ito, Aya (JPN) (1992)	time	2.13	3.37	5.62	6.73	7.87	8.99	10.14	11.27	12.48	12.48	8 / 6					
reaction time	interval		1.24	2.25	1.11	1.14	1.12	1.15	1.13	1.21		# of strides					3.37
	velocity	4.69	8.06	8.89	9.01	8.77	8.93	8.70	8.85	8.26	8.01						8.90
Ito, Mizuki (JPN) (1994)	time	2.12	3.38	5.63	6.75	7.88	9.03	10.23	11.36	12.59	12.59	1 / 7					
reaction time	interval		1.26	2.25	1.12	1.13	1.15	1.20	1.13	1.23		# of strides					3.40
	velocity	4.72	7.94	8.89	8.93	8.85	8.70	8.33	8.85	8.13	7.94						8.82
Yamada, Eri (JPN) (1993)	time	2.17	3.40	5.67	6.79	7.93	9.08	10.23	11.40	12.64	12.64	2 / 8					
reaction time	interval		1.23	2.27	1.12	1.14	1.15	1.15	1.17	1.24		# of strides					3.41
	velocity	4.61	8.13	8.81	8.93	8.77	8.70	8.70	8.55	8.06	7.91						8.80

2010 Sparkassen-Gala (Regensburg, GER)**FINAL**date 05-Jun-10 wind -0.4 m/s Graubner (2010) - <http://www.fgs.uni-halle.de>

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sailer, Verena (GER) (1985)	time	3.26	4.29	5.28	7.26	9.27	11.32	11.32	/ 1							
reaction time	interval		1.03	0.99	1.98	2.01	2.05		# of strides	4.29	2.97					
	velocity	6.13	9.71	10.10	10.10	9.95	9.76	8.83		6.99	10.10					
Turner, Laura (GBR) (1982)	time	3.23	4.27	5.27	7.29	9.33	11.44	11.44	/ 2							
reaction time	interval		1.04	1.00	2.02	2.04	2.11		# of strides	4.27	3.02					
	velocity	6.19	9.62	10.00	9.90	9.80	9.48	8.74		7.03	9.93					
Pinto, Tatjana (GER) (1992)	time	3.21	4.25	5.26	7.27	9.33	11.46	11.46	/ 3							
reaction time	interval		1.04	1.01	2.01	2.06	2.13	PB	# of strides	4.25	3.02					
	velocity	6.23	9.62	9.90	9.95	9.71	9.39	8.73		7.06	9.93					
Wagner, Marion (GER) (1978)	time	3.33	4.38	5.39	7.41	9.45	11.56	11.56	/ 4							
reaction time	interval		1.05	1.01	2.02	2.04	2.11		# of strides	4.38	3.03					
	velocity	6.01	9.52	9.90	9.90	9.80	9.48	8.65		6.85	9.90					
O'Neill, Elaine (GBR) (1989)	time	3.25	4.30	5.32	7.36	9.44	11.57	11.57	/ 5							

reaction time	interval	1.05	1.02	2.04	2.08	2.13					# of strides	4.30	3.06
	velocity	6.15	9.52	9.80	9.80	9.62	9.39	8.64				6.98	9.80
Endacott, Katherine (GBR) (1980)	time	3.28	4.34	5.37	7.43	9.54	11.69	11.69			/ 6		
reaction time	interval		1.06	1.03	2.06	2.11	2.15				# of strides	4.34	3.09
	velocity	6.10	9.43	9.71	9.71	9.48	9.30	8.55				6.91	9.71
Köhler, Karoline (GER) (1984)	time	3.29	4.34	5.36	7.43	9.54	11.71	11.71			/ 7		
reaction time	interval		1.05	1.02	2.07	2.11	2.17				# of strides	4.34	3.09
	velocity	6.08	9.52	9.80	9.66	9.48	9.22	8.54				6.91	9.71

B FINAL

date	05-Jun-10	wind	-0.1 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
Tengel, Katja (GER) (1981)	time	3.33	4.39	5.42	7.47	9.56	11.72	11.72				11.72	/ 1			
reaction time	interval		1.06	1.03	2.05	2.09	2.16						# of strides	4.39	3.08	
	velocity	6.01	9.43	9.71	9.76	9.57	9.26	8.53						6.83	9.74	

Pähler, Stefanie (GER) (1993)	time	3.35	4.41	5.44	7.50	9.60	11.73	11.73				11.73	/ 2			
reaction time	interval		1.06	1.03	2.06	2.10	2.13						# of strides	4.41	3.09	
	velocity	5.97	9.43	9.71	9.71	9.52	9.39	8.53						6.80	9.71	

Heat 3

date	05-Jun-10	wind	-0.7 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
Kwadwo, Yasmin (GER) (1990)	time	3.17	4.21	5.21	7.22	9.29	11.41	11.41				11.41	/ 1			
reaction time	interval		1.04	1.00	2.01	2.07	2.12						# of strides	4.21	3.01	
	velocity	6.31	9.62	10.00	9.95	9.66	9.43	8.76						7.13	9.97	

Pinto, Tatjana (GER) (1992)	time	3.20	4.24	5.24	7.27	9.35	11.50	11.50				11.50	/ 2			
reaction time	interval		1.04	1.00	2.03	2.08	2.15	PB					# of strides	4.24	3.03	
	velocity	6.25	9.62	10.00	9.85	9.62	9.30	8.70						7.08	9.90	

Möllinger, Anne (GER) (1985)	time	3.28	4.33	5.34	7.36	9.41	11.53	11.53				11.53	/ 3			
reaction time	interval		1.05	1.01	2.02	2.05	2.12						# of strides	4.33	3.03	
	velocity	6.10	9.52	9.90	9.90	9.76	9.43	8.67						6.93	9.90	

Heat 2

date	05-Jun-10	wind	-1.4 m/s											Graubner (2010) - http://www.fgs.uni-halle.de		
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wagner, Marion (GER) (1978)	time	3.30	4.36	5.39	7.44	9.52	11.66	11.66				11.66	/ 1			
reaction time	interval		1.06	1.03	2.05	2.08	2.14						# of strides	4.36	3.08	
	velocity	6.06	9.43	9.71	9.76	9.62	9.35	8.58						6.88	9.74	

Heat 1

date	05-Jun-10	wind	0.0 m/s											Graubner (2010) - http://www.fgs.uni-halle.de		
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sailer, Verena (GER) (1985)	time	3.21	4.25	5.25	7.24	9.26	11.33	11.33				11.33	/ 1			
reaction time	interval		1.04	1.00	1.99	2.02	2.07						# of strides	4.25	2.99	
	velocity	6.23	9.62	10.00	10.05	9.90	9.66	8.83						7.06	10.03	

2010 Japanese National Championships (Marugame, JPN)**FINAL**

date	05-Jun-10	wind	0.9 m/s											Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride		
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Watanabe, Mayumi (JPN) (1983)	time	2.05	3.21	4.28	5.32	6.35	7.37	8.41	9.46	10.55	11.66	11.66	/ 3			
reaction time	0.148 interval		1.16	1.07	1.04	1.03	1.02	1.04	1.05	1.09	1.11		# of strides	4.28	3.09	3.18
	velocity	4.88	8.62	9.35	9.62	9.71	9.80	9.62	9.52	9.17	9.01	8.58		54.1	7.01	9.71

2010 Osaka Grand Prix (Osaka, JPN)**FINAL**

date	08-May-10	wind	-0.1 m/s											Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride		
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Campbell-Brown, Veronica (JAM)	time	2.03	3.15	4.17	5.16	6.12	7.08	8.04	9.01	10.00	11.02	11.02	/ 1			
reaction time	interval		1.12	1.02	0.99	0.96	0.96	0.96	0.97	0.99	1.02		# of strides	4.17	2.91	2.92
	velocity	4.93	8.93	9.80	10.10	10.42	10.42	10.42	10.31	10.10	9.80	9.07		50.3	7.19	10.31

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

date	29-Apr-10	wind	1.7 m/s											Akirabun (2011) - speed was seen in every four strides in the 100m, a change in the pitch and stride		
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fukushima, Chisato (JPN) (1988)	time	1.96	3.09	4.13	5.14	6.14	7.13	8.13	9.14	10.17	11.21	11.21	/ 1			
reaction time	interval		1.13	1.04	1.01	1.00	0.99	1.00	1.01	1.03	1.04	NR / PB	# of strides	4.13	3.00	3.04
	velocity	5.10	8.85	9.62	9.90	10.00	10.10	10.00	9.90	9.71	9.62	8.92		54.5	7.26	10.00
Takahashi, Momoko (JPN) (1988)	time	2.08	3.24	4.30	5.32	6.32	7.31	8.30	9.29	10.31	11.35	11.35	/ 2			
reaction time	interval		1.16	1.06	1.02	1.00	0.99	0.99	0.99	1.02	1.04		# of strides	4.30	3.01	3.00
	velocity	4.81	8.62	9.43	9.80	10.00	10.10	10.10	10.10	9.80	9.62	8.81		49.9	6.98	9.97
Sano, Yumeka (JPN) (1985)	time	2.08	3.23	4.30	5.34	6.36	7.38	8.41	9.45	10.52	11.59	11.59	/ 4			
reaction time	interval		1.15	1.07	1.04	1.02	1.02	1.03	1.04	1.07	1.07	PB	# of strides	4.30	3.08	3.14

velocity	4.81	8.70	9.35	9.62	9.80	9.80	9.71	9.62	9.35	9.35	8.63	52.9	6.98	9.74	9.55
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2009 Seiko Super Grand Prix (Kawasaki, JPN)**FINAL**

		date	23-Sep-09	wind	-0.8 m/s	<i>Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season</i>												
				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		2.02	3.16	4.20	5.20	6.17	7.15	8.14	9.15	10.17	11.22	11.22		4 / 1			
	reaction time	interval		1.14	1.04	1.00	0.97	0.98	0.99	1.01	1.02	1.05			# of strides	4.20	2.95	3.02
		velocity		4.95	8.77	9.62	10.00	10.31	10.20	10.10	9.90	9.80	9.52	8.91	46.0	7.14	10.17	9.93

2009 IAAF World Championships (Berlin, GER)**FINAL**

		date	17-Aug-09	wind	0.1 m/s	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fraser, Shelly-Ann (JAM) (1986)	time		3.03	4.02	4.98				6.88		8.77		10.73	10.73	3 / 1			
	reaction time	0.146	interval		0.99	0.96		1.90		1.89		1.96		AR	# of strides	4.02	2.86	
			velocity		6.60	10.10	10.42		10.53		10.58		10.20	9.32	49.6	7.46	10.49	
Stewart, Kerron (JAM) (1984)	time		3.11	4.11	5.07				6.96		8.82		10.75	10.75	4 / 2			
	reaction time	0.170	interval		1.00	0.96		1.89		1.86		1.93		PB	# of strides	4.11	2.85	
			velocity		6.43	10.00	10.42		10.58		10.75		10.36	9.30	49.5	7.30	10.53	
Jeter, Carmelita (USA) (1979)	time		3.13	4.13	5.09				7.01		8.91		10.90	10.90	5 / 3			
	reaction time	0.160	interval		1.00	0.96		1.92		1.90		1.99			# of strides	4.13	2.88	
			velocity		6.39	10.00	10.42		10.42		10.53		10.05	9.17	47.5	7.26	10.42	
Campbell-Brown, Veronica (JAM)	time		3.12	4.14	5.12				7.06		8.97		10.95	10.95	6 / 4			
	reaction time	0.135	interval		1.02	0.98		1.94		1.91		1.98			# of strides	4.14	2.92	
			velocity		6.41	9.80	10.20		10.31		10.47		10.10	9.13	49.5	7.25	10.27	
Williams, Lauryn (USA) (1983)	time		3.14	4.15	5.13				7.08		9.00		11.01	11.01	8 / 5			
	reaction time	0.158	interval		1.01	0.98		1.95		1.92		2.01			# of strides	4.15	2.93	
			velocity		6.37	9.90	10.20		10.26		10.42		9.95	9.08	52.5	7.23	10.24	
Ferguson-McKenzie, Debbie (BA)	time		3.15	4.17	5.16				7.12		9.06		11.05	11.05	2 / 6			
	reaction time	0.130	interval		1.02	0.99		1.96		1.94		1.99			# of strides	4.17	2.95	
			velocity		6.35	9.80	10.10		10.20		10.31		10.05	9.05	48.9	7.19	10.17	
Sturup, Chandra (BAH) (1971)	time		3.11	4.13	5.11				7.07		9.02		11.05	11.05	7 / 7			
	reaction time	0.137	interval		1.02	0.98		1.96		1.95		2.03			# of strides	4.13	2.94	
			velocity		6.43	9.80	10.20		10.20		10.26		9.85	9.05	51.8	7.26	10.20	
Bailey, Aleen (JAM) (1980)	time		3.24	4.27	5.27				7.23		9.18		11.16	11.16	1 / 8			
	reaction time	0.173	interval		1.03	1.00		1.96		1.95		1.98			# of strides	4.27	2.96	
			velocity		6.17	9.71	10.00		10.20		10.26		10.10	8.96	47.5	7.03	10.14	

Semi-Final 2

		date	17-Aug-09	wind	-0.1 m/s	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jeter, Carmelita (USA) (1979)	time		3.12	4.12	5.09				7.00		8.89		10.83	10.83	4 / 1			
	reaction time	0.144	interval		1.00	0.97		1.91		1.89		1.94		PB	# of strides	4.12	2.88	
			velocity		6.41	10.00	10.31		10.47		10.58		10.31	9.23	49.5	7.28	10.42	
Campbell-Brown, Veronica (JAM)	time		3.13	4.16	5.15				7.10		9.02		11.00	11.00	3 / 2			
	reaction time	0.148	interval		1.03	0.99		1.95		1.92		1.98			# of strides	4.16	2.94	
			velocity		6.39	9.71	10.10		10.26		10.42		10.10	9.09		7.21	10.20	
Sturup, Chandra (BAH) (1971)	time		3.11	4.12	5.10				7.08		9.01		11.01	11.01	5 / 3			
	reaction time	0.127	interval		1.01	0.98		1.98		1.93		2.00			# of strides	4.12	2.96	
			velocity		6.43	9.90	10.20		10.10		10.36		10.00	9.08		7.28	10.14	
Bailey, Aleen (JAM) (1980)	time		3.23	4.26	5.25				7.22		9.16		11.16	11.16	6 / 4			
	reaction time	0.199	interval		1.03	0.99		1.97		1.94		2.00			# of strides	4.26	2.96	
			velocity		6.19	9.71	10.10		10.15		10.31		10.00	8.96		7.04	10.14	
Lee, Muna (USA) (1981)	time		3.21	4.24	5.24				7.21		9.16		11.18	11.18	8 / 5			
	reaction time	0.179	interval		1.03	1.00		1.97		1.95		2.02			# of strides	4.24	2.97	
			velocity		6.23	9.71	10.00		10.15		10.26		9.90	8.94		7.08	10.10	
Anim, Vida (GHA) (1983)	time		3.19	4.24	5.25				7.30		9.33		11.43	11.43	1 / 6			
	reaction time	0.125	interval		1.05	1.01		2.05		2.03		2.10			# of strides	4.24	3.06	
			velocity		6.27	9.52	9.90		9.76		9.85		9.52	8.75		7.08	9.80	
Hackett, Semoy (TTO) (1988)	time		3.16	4.25	5.25				7.30		9.34		11.45	11.45	7 / 7			
	reaction time	0.131	interval		1.09	1.00		2.05		2.04		2.11			# of strides	4.25	3.05	
			velocity		6.33	9.17	10.00		9.76		9.80		9.48	8.73		7.06	9.84	

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					
	interval																
	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					
	interval																
	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					
	interval																
	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					
	interval																
	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					
	interval																
	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					
	interval																
	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					
	interval																
	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					
	interval																
	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					
	interval																
	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					
	interval																
	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					
	interval																
	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					
	interval																
	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					
	interval																
	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					
	interval																
	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					
	interval																
	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					
	interval																
	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								

reaction time	0.135	interval		1.04	1.00	2.00	1.99	2.10		# of strides	4.17	3.00	
		velocity		6.39	9.62	10.00	10.00	10.05	9.52	8.88	51.2	7.19	10.00
Geflikh, Anna (RUS) (1983)	time		3.23	4.28	5.29	7.32	9.33	11.46	11.46		7 / 5		
reaction time	0.199	interval		1.05	1.01	2.03	2.01	2.13		# of strides	4.28	3.04	
		velocity		6.19	9.52	9.90	9.85	9.95	9.39	8.73	48.0	7.01	9.87
Pohrebnyak, Nataliya (UKR) (1988)	time		3.21	4.26	5.27	7.31	9.36	11.49	11.49		1 / 6		
reaction time	0.149	interval		1.05	1.01	2.04	2.05	2.13		# of strides	4.26	3.05	
		velocity		6.23	9.52	9.90	9.80	9.76	9.39	8.70	49.5	7.04	9.84

Quarter-Final 2

	date	16-Aug-09	wind	0.8 m/s			Graubner (2009) - biomechanical analyses at the 12th IAAF world championships									
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Williams, Lauryn (USA) (1983)	time			3.14	4.15	5.13	7.08	9.00	11.06	11.06		5 / 1				
reaction time	0.164	interval			1.01	0.98	1.95	1.92	2.06		# of strides	4.15	2.93			
		velocity		6.37	9.90	10.20	10.26	10.42	9.71	9.04	51.5	7.23	10.24			
Bailey, Aileen (JAM) (1980)	time			3.20	4.23	5.23	7.19	9.11	11.12	11.12		3 / 2				
reaction time	0.171	interval			1.03	1.00	1.96	1.92	2.01		# of strides	4.23	2.96			
		velocity		6.25	9.71	10.00	10.20	10.42	9.95	8.99	47.0	7.09	10.14			
Harrigan, Tahesia (IVB) (1982)	time			3.11	4.14	5.14	7.14	9.12	11.21	11.21		4 / 3				
reaction time	0.150	interval			1.03	1.00	2.00	1.98	2.09		# of strides	4.14	3.00			
		velocity		6.43	9.71	10.00	10.00	10.10	9.57	8.92	49.7	7.25	10.00			
Anim, Vida (GHA) (1983)	time			3.15	4.20	5.22	7.25	9.26	11.34	11.34		6 / 4				
reaction time	0.127	interval			1.05	1.02	2.03	2.01	2.08		# of strides	4.20	3.05			
		velocity		6.35	9.52	9.80	9.85	9.95	9.62	8.82	50.2	7.14	9.84			
Artymata, Eleni (CYP) (1986)	time			3.28	4.33	5.35	7.36	9.33	11.37	11.37		7 / 5				
reaction time	0.169	interval			1.05	1.02	2.01	1.97	2.04	PB	# of strides	4.33	3.03			
		velocity		6.10	9.52	9.80	9.95	10.15	9.80	8.80	46.7	6.93	9.90			
Hutchinson, Ayanna (TTO) (1978)	time			3.21	4.26	5.27	7.29	9.29	11.40	11.40		1 / 6				
reaction time	0.160	interval			1.05	1.01	2.02	2.00	2.11		# of strides	4.26	3.03			
		velocity		6.23	9.52	9.90	9.90	10.00	9.48	8.77	50.0	7.04	9.90			
Fukushima, Chisato (JPN) (1988)	time			3.14	4.20	5.22	7.26	9.30	11.43	11.43		2 / 7				
reaction time	0.142	interval			1.06	1.02	2.04	2.04	2.13		# of strides	4.20	3.06			
		velocity		6.37	9.43	9.80	9.80	9.80	9.39	8.75	53.5	7.14	9.80			
Tavares, Sónia (POR) (1986)	time			3.16	4.21	5.22	7.27	9.31	11.45	11.45		8 / 8				
reaction time	0.136	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	50.0	7.13	9.80			

Quarter-Final 1

	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			3.06	4.07	5.05	6.99	8.90	10.92	10.92		5 / 1				
reaction time	0.149	interval			1.01	0.98	1.94	1.91	2.02		# of strides	4.07	2.92			
		velocity		6.54	9.90	10.20	10.31	10.47	9.90	9.16	7.37	10.27				
Sturup, Chandra (BAH) (1971)	time			3.13	4.16	5.15	7.11	9.03	11.06	11.06		3 / 2				
reaction time	0.153	interval			1.03	0.99	1.96	1.92	2.03		# of strides	4.16	2.95			
		velocity		6.39	9.71	10.10	10.20	10.42	9.85	9.04	7.21	10.17				
Hackett, Semoy (TTO) (1988)	time			3.17	4.22	5.24	7.26	9.28	11.37	11.37		8 / 3				
reaction time	0.143	interval			1.05	1.02	2.02	2.02	2.09		# of strides	4.22	3.04			
		velocity		6.31	9.52	9.80	9.90	9.90	9.57	8.80	7.11	9.87				
Khubbieva, Guzel (UZB) (1976)	time			3.15	4.20	5.22	7.27	9.31	11.43	11.43		1 / 4				
reaction time	0.129	interval			1.05	1.02	2.05	2.04	2.12		# of strides	4.20	3.07			
		velocity		6.35	9.52	9.80	9.76	9.80	9.43	8.75	7.14	9.77				
Okparaebo, Ezinne (NOR) (1988)	time			3.16	4.21	5.22	7.25	9.29	11.44	11.44		6 / 5				
reaction time	0.158	interval			1.05	1.01	2.03	2.04	2.15		# of strides	4.21	3.04			
		velocity		6.33	9.52	9.90	9.85	9.80	9.30	8.74	7.13	9.87				

Heat 9

	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
Baptiste, Kelly-Ann (TTO) (1986)	time			3.17	4.25	5.29	7.37	9.38	11.42	11.42		7 / 1				
reaction time	0.143	interval			1.08	1.04	2.08	2.01	2.04		# of strides	4.25	3.12			
		velocity		6.31	9.26	9.62	9.62	9.95	9.80	8.76	7.06	9.62				
Lee, Muna (USA) (1981)	time			3.23	4.29	5.31	7.37	9.38	11.44	11.44		5 / 2				
reaction time	0.194	interval			1.06	1.02	2.06	2.01	2.06		# of strides	4.29	3.08			

velocity	6.19	9.43	9.80	9.71	9.95	9.71	8.74	6.99	9.74
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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	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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) (1981)	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	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Campbell-Brown, Veronica (JAM) (1983)	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	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

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) (1981)	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	<i>Graubner (2009) - biomechanical analyses at the 12th IAAF world championships</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m

Ferguson-McKenzie, Debbie (BAH) (1983)	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

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	interval	1.02	0.98	1.97	1.96	2.09	# of strides	4.22	2.95					
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	interval	1.04	1.01	2.02	2.01	2.14	# of strides	4.29	3.03					
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	interval	1.05	1.02	2.03	2.00	2.07	DV	# of strides	4.37	3.05				
velocity	6.02	9.52	9.80	9.85	10.00	9.66	8.70	6.86	9.84						

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	2.08	# 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	2.09	# 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, Iveta (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	2.10	# 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

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			interval	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			interval	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			interval	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			interval	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			interval	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			interval	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	interval		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	interval		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	★		7.25	★	9.19	★	11.25	11.25	/ 1			
reaction time	interval						2.97		1.94		2.06		# of strides	4.28	2.97	
	velocity			7.01			10.10		10.31		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	interval						2.98		1.99		2.10		# of strides	4.25	2.98	
	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	interval						3.07		2.09		2.19		# of strides	4.29	3.07	
	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	interval						3.14		2.09		2.21		# of strides	4.41	3.14	
	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	interval						3.13		2.11		2.22		# of strides	4.39	3.13	
	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	interval						3.13		2.08		2.17		# of strides	4.47	3.13	
	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	interval						3.18		2.11		2.19		# of strides	4.46	3.18	
	velocity			6.73			9.43		9.48		9.13	8.38		6.73	9.43	

B 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	interval						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	interval						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	interval						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	interval						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	interval						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	interval						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

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) (1988)	time			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) (1988)	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	

Sunneborn, Anna (SWE) (1970)	time	4.74	8.15	10.43	12.80	12.80	/ 3											
	reaction time	interval	3.41	2.28	2.37		# of strides	4.74	3.41									
		velocity	6.33	8.80	8.77	8.44	7.81	6.33	8.80									
Larsson, Frida (SWE) (1992)	time	4.72	8.12	10.40	12.81	12.81	/ 4											
	reaction time	interval	3.40	2.28	2.41		# of strides	4.72	3.40									
		velocity	6.36	8.82	8.77	8.30	7.81	6.36	8.82									
Johansson, Malin (SWE) (1992)	time	4.82	8.20	10.45	12.81	12.81	/ 5											
	reaction time	interval	3.38	2.25	2.36		# of strides	4.82	3.38									
		velocity	6.22	8.88	8.89	8.47	7.81	6.22	8.88									

D FINAL

	date	25-Jul-09	wind	0.8 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	
Stene Stensheim, Jeanette (NOR)	time	4.72			4.72			8.36			10.74		13.23	13.23	/ 1			
	reaction time	interval						3.64			2.38		2.49		# of strides	4.72	3.64	
		velocity						6.36			8.40		8.03	7.56	6.36	8.24		
Näslund, Sofie (SWE) (1992)	time	4.67			4.67			8.36			10.76		13.30	13.30	/ 2			
	reaction time	interval						3.69			2.40		2.54		# of strides	4.67	3.69	
		velocity						6.42			8.13		7.87	7.52	6.42	8.13		
Hofstad, Cecilie (NOR) (1992)	time	4.99			4.99			8.67			10.95		13.40	13.40	/ 3			
	reaction time	interval						3.68			2.28		2.45		# of strides	4.99	3.68	
		velocity						6.01			8.15		8.16	7.46	6.01	8.15		

2009 Japanese National Championships (Hiroshima, JPN)**Semi-Final 2**

	date	28-Jun-09	wind	1.0 m/s	Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wada, Maki (JPN) (1986)	time	2.04	3.20	4.28	5.32	6.36	7.40	8.44	9.50	10.58	11.68		11.68	4 / 2			
	reaction time	interval	1.16	1.08	1.04	1.04	1.04	1.04	1.06	1.08	1.10		1.10	# of strides	4.28	3.12	3.18
		velocity	4.90	8.62	9.26	9.62	9.62	9.62	9.62	9.43	9.26		9.09	51.0	7.01	9.62	9.43
Kawarazaki, Kaori (JPN) (1987)	time	2.11	3.27	4.33	5.37	6.41	7.45	8.50	9.57	10.65	11.76		11.76	3 / 3			
	reaction time	interval	1.16	1.06	1.04	1.04	1.04	1.05	1.07	1.08	1.11		1.11	# of strides	4.33	3.12	3.20
		velocity	4.74	8.62	9.43	9.62	9.62	9.62	9.52	9.35	9.26		9.01	51.5	6.93	9.62	9.38

Semi-Final 1

	date	28-Jun-09	wind	1.8 m/s	Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Sano, Yumeka (JPN) (1985)	time	2.08	3.24	4.31	5.35	6.38	7.42	8.46	9.53	10.63	11.75		11.75	3 / 4			
	reaction time	interval	1.16	1.07	1.04	1.03	1.04	1.04	1.07	1.10	1.12		1.12	# of strides	4.31	3.11	3.21
		velocity	4.81	8.62	9.35	9.62	9.71	9.62	9.62	9.35	9.09		8.93	52.2	6.96	9.65	9.35

Heat 4

	date	27-Jun-09	wind	3.0 m/s	Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nakano, Hitomi (JPN) (1990)	time	2.08	3.25	4.33	5.38	6.43	7.48	8.53	9.60	10.70	11.82		11.82	4 / 3			
	reaction time	interval	1.17	1.08	1.05	1.05	1.05	1.05	1.07	1.10	1.12		1.12	# of strides	4.33	3.15	3.22
		velocity	4.81	8.55	9.26	9.52	9.52	9.52	9.52	9.35	9.09		8.93	52.2	6.93	9.52	9.32

Heat 3

	date	27-Jun-09	wind	2.1 m/s	Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Okabe, Nao (JPN) (1988)	time	2.03	3.20	4.28	5.33	6.38	7.43	8.49	9.58	10.69	11.83		11.83	3 / 3			
	reaction time	interval	1.17	1.08	1.05	1.05	1.05	1.06	1.09	1.11	1.14		1.14	# of strides	4.28	3.15	3.26
		velocity	4.93	8.55	9.26	9.52	9.52	9.52	9.43	9.17	9.01		8.77	51.2	7.01	9.52	9.20

Heat 1

	date	27-Jun-09	wind	1.5 m/s	Hisashi (2010) - the run performance analysis in the decathlon sprint events												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fukushima, Chisato (JPN) (1988)	time	2.02	3.16	4.20	5.22	6.23	7.23	8.23	9.25	10.30	11.32		11.32	7 / 1			
	reaction time	interval	1.14	1.04	1.02	1.01	1.00	1.00	1.02	1.05	1.02		1.02	# of strides	4.20	3.03	3.07
		velocity	4.95	8.77	9.62	9.80	9.90	10.00	10.00	10.00	9.80		9.52	51.2	7.14	9.90	9.77

2009 ISTAF (Berlin, GER)**FINAL**

	date	14-Jun-09	wind	0.1 m/s	Graubner (2009) - http://www.fgs.uni-halle.de												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Stewart, Kerron (JAM) (1984)	time	0.191	3.17	4.19	5.18		7.10			9.06		11.00	11.00	/ 1			
	reaction time	interval			1.02	0.99		1.92		1.96		1.94		# of strides	4.19	2.91	
		velocity			6.31	9.80	10.10		10.42		10.20		10.31	9.09	7.16	10.31	
Durst, Stephanie (USA) (1982)	time	0.176	3.23	4.27	5.27		7.23			9.20		11.15	11.15	/ 2			
	reaction time	interval			1.04	1.00		1.96		1.97		1.95		# of strides	4.27	2.96	
		velocity			6.19	9.62	10.00		10.20		10.15		10.26	8.97	7.03	10.14	
Brooks, Sheri-Ann (JAM) (1983)	time		3.19	4.21	5.19		7.14			9.15		11.18	11.18	/ 3			

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) (198)	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

date 14-Jun-09 wind 0.1 m/s Graubner (2009) - <http://www.fgs.uni-halle.de>

			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Anim, Vida (GHA) (1983)	time		3.22	4.28	5.30	7.33	9.39	11.46	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			7.01	9.84	
		velocity	6.21	9.43	9.80	9.85	9.71	9.66	8.73				8.73				
Turner, Laura (GBR) (1982)	time		3.21	4.26	5.28	7.31	9.38	11.46	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			7.04	9.84	
		velocity	6.23	9.52	9.80	9.85	9.66	9.62	8.73				8.73				
Louami, Carima (FRA) (1979)	time		3.27	4.33	5.35	7.38	9.46	11.56	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			6.93	9.84	
		velocity	6.12	9.43	9.80	9.85	9.62	9.52	8.65				8.65				
Thomas, Kadi-Ann (GBR) (1986)	time		3.28	4.34	5.36	7.39	9.47	11.59	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			6.91	9.84	
		velocity	6.10	9.43	9.80	9.85	9.62	9.43	8.63				8.63				
Wagner, Marion (GER) (1978)	time		3.28	4.34	5.36	7.38	9.47	11.61	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			6.91	9.87	
		velocity	6.10	9.43	9.80	9.90	9.57	9.35	8.61				8.61				
Tschirch, Cathleen (GER) (1979)	time		3.27	4.34	5.38	7.43	9.52	11.61	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			6.91	9.71	
		velocity	6.12	9.35	9.62	9.76	9.57	9.57	8.61				8.61				
Möllinger, Anne (GER) (1985)	time		3.36	4.42	5.45	7.48	9.53	11.62	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			6.79	9.80	
		velocity	5.95	9.43	9.71	9.85	9.76	9.57	8.61				8.61				
Brzezińska, Iwona (POL) (1986)	time		3.26	4.32	5.35	7.41	9.52	11.65	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			6.94	9.71	
		velocity	6.13	9.43	9.71	9.71	9.48	9.39	8.58				8.58				
Jacques-Sébastien, Lina (FRA) (1982)	time		3.28	4.35	5.39	7.44	9.55	11.69	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			6.90	9.71	
		velocity	6.10	9.35	9.62	9.76	9.48	9.35	8.55				8.55				

C 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				11.33	/ 1			
reaction time	0.220	interval		1.03	0.99	1.98	2.03	2.08		# of strides	4.25	2.97			7.06	10.10	
		velocity	6.21	9.71	10.10	10.10	9.85	9.62	8.83				8.83				
Nelson, Ashleigh (GBR) (1991)	time		3.24	4.27	5.27	7.25	9.28	11.36	11.36				11.36	/ 2			
reaction time	0.247	interval		1.03	1.00	1.98	2.03	2.08		# of strides	4.27	2.98			7.03	10.07	
		velocity	6.17	9.71	10.00	10.10	9.85	9.62	8.80				8.80				

Čechová, Katerina (CZE) (1988)	time	3.28	4.35	5.38	7.46	9.60	11.75	11.75	/ 3			
	reaction time	0.184			1.07	1.03	2.08	2.14	2.15	# of strides	4.35	3.11
	interval											
	velocity	6.10	9.35	9.71	9.62	9.35	9.30	8.51			6.90	9.65
Jędrusińska, Dorota (POL) (1982)	time	3.30	4.38	5.42	7.49	9.62	11.80	11.80	/ 4			
	reaction time	0.193			1.08	1.04	2.07	2.13	2.18	# of strides	4.38	3.11
	interval											
	velocity	6.06	9.26	9.62	9.66	9.39	9.17	8.47			6.85	9.65
Wakan, Katja (GER) (1981)	time	3.32	4.39	5.42	7.49	9.63	11.83	11.83	/ 5			
	reaction time	0.206			1.07	1.03	2.07	2.14	2.20	# of strides	4.39	3.10
	interval											
	velocity	6.02	9.35	9.71	9.66	9.35	9.09	8.45			6.83	9.68
Sutschet, Julia (GER) (1988)	time	3.44	4.53	5.58	7.70	9.91	11.86	11.86	/ 6			
	reaction time	0.265			1.09	1.05	2.12	2.21	1.95	# of strides	4.53	3.17
	interval											
	velocity	5.81	9.17	9.52	9.43	9.05	10.26	8.43			6.62	9.46
Peters, Mareike (GER) (1986)	time	3.34	4.42	5.47	7.58	9.73	11.96	11.96	/ 7			
	reaction time	0.213			1.08	1.05	2.11	2.15	2.23	# of strides	4.42	3.16
	interval											
	velocity	5.99	9.26	9.52	9.48	9.30	8.97	8.36			6.79	9.49
M'belu, Lucienne (FRA) (1989)	time	3.41	4.48	5.51	7.59	9.69	12.13	12.13	/ 8			
	reaction time	0.284			1.07	1.03	2.08	2.10	2.44	# of strides	4.48	3.11
	interval											
	velocity	5.87	9.35	9.71	9.62	9.52	8.20	8.24			6.70	9.65
Mazáčová, Iveta (CZE) (1986)	time	3.45	4.54	5.60	7.71	9.89	12.19	12.19	/ 9			
	reaction time	0.293			1.09	1.06	2.11	2.18	2.30	# of strides	4.54	3.17
	interval											
	velocity	5.80	9.17	9.43	9.48	9.17	8.70	8.20			6.61	9.46

2009 Mikio Oda Memorial (Hiroshima, JPN)**A FINAL**

date 29-Apr-09 wind 2.2 m/s Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Fukushima, Chisato (JPN) (1988)	time	1.99	3.11	4.14	5.14	6.13	7.12	8.11	9.12	10.16	11.23	11.23	5 / 1				
	reaction time				1.12	1.03	1.00	0.99	0.99	1.01	1.04	1.07	# of strides	4.14	2.98	3.04	
	interval																
	velocity	5.03	8.93	9.71	10.00	10.10	10.10	10.10	9.90	9.62	9.35	8.90		52.0	7.25	10.07	9.87
Takahashi, Momoko (JPN) (1988)	time	2.06	3.22	4.27	5.29	6.27	7.26	8.23	9.22	10.22	11.40	11.40	1 / 2				
	reaction time				1.16	1.05	1.02	0.98	0.99	0.97	0.99	1.00	1.18	# of strides	4.27	2.99	2.96
	interval																
	velocity	4.85	8.62	9.52	9.80	10.20	10.10	10.31	10.10	10.00	8.47	8.77		7.03	10.03	10.14	

Heat 3

date 29-Apr-09 wind 3.4 m/s Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Ota, Tomoko (JPN) (1977)	time	2.04	3.20	4.27	5.31	6.34	7.39	8.45	9.53	10.62	11.74	11.74	5 / 3				
	reaction time				1.16	1.07	1.04	1.03	1.05	1.06	1.08	1.09	1.12	# of strides	4.27	3.12	3.23
	interval																
	velocity	4.90	8.62	9.35	9.62	9.71	9.52	9.43	9.26	9.17	8.93	8.52		56.2	7.03	9.62	9.29

Heat 2

date 29-Apr-09 wind 2.8 m/s Akirabun (2010) - analysis of speed and stride on straight track events in the 2009 season

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Watanabe, Mayumi (JPN) (1983)	time	2.07	3.21	4.26	5.26	6.25	7.23	8.23	9.25	10.27	11.31	11.31	5 / 1				
	reaction time				1.14	1.05	1.00	0.99	0.98	1.00	1.02	1.04	# of strides	4.26	2.97	3.04	
	interval																
	velocity	4.83	8.77	9.52	10.00	10.10	10.20	10.00	9.80	9.80	9.62	8.84		50.0	7.04	10.10	9.87

2008 Seiko Super Grand Prix (Kawasaki, JPN)**FINAL**

date 23-Sep-08 wind -0.6 m/s Akirabun (2009) - race analysis of 2008 men's and women's 100m and 110m & 100m hurdles

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Fukushima, Chisato (JPN) (1988)	time	2.04	3.21	4.28	5.32	6.35	7.39	8.44	9.50	10.59	11.70	11.70	/ 1				
	reaction time				1.17	1.07	1.04	1.03	1.04	1.05	1.06	1.09	1.11	# of strides	4.28	3.11	3.20
	interval																
	velocity	4.90	8.55	9.35	9.62	9.71	9.62	9.52	9.43	9.17	9.01	8.55		7.01	9.65	9.38	
Davis, Candice (USA) (1985)	time	2.11	3.30	4.39	5.45	6.49	7.54	8.61	9.69	10.79	11.89	11.89	/ 2				
	reaction time				1.19	1.09	1.06	1.04	1.05	1.07	1.08	1.10	1.10	# of strides	4.39	3.15	3.25
	interval																
	velocity	4.74	8.40	9.17	9.43	9.62	9.52	9.35	9.26	9.09	9.09	8.41		6.83	9.52	9.23	
Cherry, Damu (USA) (1977)	time	2.12	3.29	4.36	5.41	6.45	7.51	8.57	9.66	10.77	11.90	11.90	/ 4				
	reaction time				1.17	1.07	1.05	1.04	1.06	1.06	1.09	1.11	1.13	# of strides	4.36	3.15	3.26
	interval																
	velocity	4.72	8.55	9.35	9.52	9.62	9.43	9.43	9.17	9.01	8.85	8.40		6.88	9.52	9.20	
Ota, Tomoko (JPN) (1977)	time	2.15	3.32	4.41	5.47	6.53	7.59	8.66	9.76	10.86	11.99	11.99	/ 5				
	reaction time				1.17	1.09	1.06	1.06	1.06	1.07	1.10	1.10	1.13	# of strides	4.41	3.18	3.27
	interval																
	velocity	4.65	8.55	9.17	9.43	9.43	9.43	9.35	9.09	9.09	8.85	8.34		6.80	9.43	9.17	

2008 IAAF World Athletic Final (Stuttgart, GER)**FINAL**date 14-Sep-08 wind 0.3 m/s Graubner (2009) - <http://www.fgs.uni-halle.de>

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Fraser, Shelly-Ann (JAM) (1986)	time	3.14	4.15	5.12	6.08	7.05	7.99	8.96			10.94	10.94	3 / 1			

	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											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													
			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		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		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		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		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		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													
			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							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, Tangela (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**

	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

	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

	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

	date	06-Jul-08	wind	1.1 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	2.07	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**

	date	05-Jul-08	wind	-0.8 m/s	Seeger (2010) - DLV B-Trainer Ausbildung - sprint												
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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

Fukushima, Chisato (JPN) (1988)	time	2.01	3.15	4.20	5.23	6.23	7.25	8.27	9.32	10.39	11.48	11.48	/ 1			
reaction time	interval		1.14	1.05	1.03	1.00	1.02	1.02	1.05	1.07	1.09		# of strides	4.20	3.05	3.14
	velocity	4.98	8.77	9.52	9.71	10.00	9.80	9.80	9.52	9.35	9.17	8.71		7.14	9.84	9.55
Ota, Tomoko (JPN) (1977)	time	2.01	3.16	4.22	5.25	6.28	7.31	8.35	9.42	10.52	11.63	11.63	/ 2			
reaction time	interval		1.15	1.06	1.03	1.03	1.03	1.04	1.07	1.10	1.11		# of strides	4.22	3.09	3.21
	velocity	4.98	8.70	9.43	9.71	9.71	9.71	9.62	9.35	9.09	9.01	8.60		7.11	9.71	9.35
Watanabe, Mayumi (JPN) (1983)	time	2.09	3.25	4.33	5.38	6.42	7.46	8.51	9.58	10.67	11.78	11.78	/ 3			
reaction time	interval		1.16	1.08	1.05	1.04	1.04	1.05	1.07	1.09	1.11		# of strides	4.33	3.13	3.21
	velocity	4.78	8.62	9.26	9.52	9.62	9.62	9.52	9.35	9.17	9.01	8.49		6.93	9.58	9.35
Kitakaze, Saori (JPN) (1985)	time	2.03	3.20	4.29	5.35	6.39	7.44	8.51	9.61	10.74	11.90	11.90	/ 6			
reaction time	interval		1.17	1.09	1.06	1.04	1.05	1.07	1.10	1.13	1.16		# of strides	4.29	3.15	3.30
	velocity	4.93	8.55	9.17	9.43	9.62	9.52	9.35	9.09	8.85	8.62	8.40		6.99	9.52	9.09

2008 USA Olympic Trials (Eugene, OR)

FINAL

	date	28-Jun-08	wind	1.0 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	
Lee, Muna (USA) (1981)	time	2.07	3.15	4.14	5.15	6.07	6.98	7.94	8.89	9.84	10.85	10.85	3 / 1						
reaction time	interval		1.08	0.99	1.01	0.92	0.91	0.96	0.95	0.95	1.01	PB	# of strides	4.14	2.84	2.86			
	velocity	4.83	9.26	10.10	9.90	10.87	10.99	10.42	10.53	10.53	9.90	9.22	47.0	7.25	10.56	10.49			
Edwards, Torri (USA) (1977)	time	2.03	3.12	4.08	5.09	6.04	6.97	7.91	8.88	9.86	10.90	10.90	4 / 2						
reaction time	interval		1.09	0.96	1.01	0.95	0.93	0.94	0.97	0.98	1.04		# of strides	4.08	2.89	2.89			
	velocity	4.93	9.17	10.42	9.90	10.53	10.75	10.64	10.31	10.20	9.62	9.17	50.0	7.35	10.38	10.38			
Williams, Lauryn (USA) (1983)	time	2.06	3.15	4.15	5.13	6.06	6.99	7.94	8.91	9.88	10.90	10.90	2 / 3						
reaction time	interval		1.09	1.00	0.98	0.93	0.93	0.95	0.97	0.97	1.02		# of strides	4.15	2.84	2.89			
	velocity	4.85	9.17	10.00	10.20	10.75	10.75	10.53	10.31	10.31	9.80	9.17	52.0	7.23	10.56	10.38			
Hooker, Marshevet (USA) (1980)	time	2.14	3.24	4.21	5.19	6.12	7.07	8.00	8.96	9.90	10.93	10.93	5 / 4						
reaction time	interval		1.10	0.97	0.98	0.93	0.95	0.93	0.96	0.94	1.03	PB	# of strides	4.21	2.86	2.83			
	velocity	4.67	9.09	10.31	10.20	10.75	10.53	10.75	10.42	10.64	9.71	9.15	47.2	7.13	10.49	10.60			
Felix, Allyson (USA) (1985)	time	2.12	3.20	4.20	5.18	6.12	7.09	8.04	9.01	9.94	10.96	10.96	8 / 5						
reaction time	interval		1.08	1.00	0.98	0.94	0.97	0.95	0.97	0.93	1.02		# of strides	4.20	2.89	2.85			
	velocity	4.72	9.26	10.00	10.20	10.64	10.31	10.53	10.31	10.75	9.80	9.12	45.5	7.14	10.38	10.53			
Williams, Angela (USA) (1980)	time	2.03	3.10	4.12	5.11	6.05	7.00	7.97	8.97	9.94	11.02	11.02	1 / 6						
reaction time	interval		1.07	1.02	0.99	0.94	0.95	0.97	1.00	0.97	1.08	PB	# of strides	4.12	2.88	2.94			
	velocity	4.93	9.35	9.80	10.10	10.64	10.53	10.31	10.00	10.31	9.26	9.07	49.2	7.28	10.42	10.20			
Lewis, Mechelle (USA) (1980)	time	2.04	3.13	4.15	5.15	6.08	7.05	8.03	9.01	10.03	11.08	11.08	6 / 7						
reaction time	interval		1.09	1.02	1.00	0.93	0.97	0.98	0.98	1.02	1.05		# of strides	4.15	2.90	2.98			
	velocity	4.90	9.17	9.80	10.00	10.75	10.31	10.20	10.20	9.80	9.52	9.03	50.2	7.23	10.34	10.07			
Moore, LaShaunte'a (USA) (1983)	time	2.16	3.27	4.32	5.30	6.28	7.22	8.21	9.19	10.14	11.22	11.22	7 / 8						
reaction time	interval		1.11	1.05	0.98	0.98	0.94	0.99	0.98	0.95	1.08		# of strides	4.32	2.90	2.92			
	velocity	4.63	9.01	9.52	10.20	10.20	10.64	10.10	10.20	10.53	9.26	8.91	48.0	6.94	10.34	10.27			

Semi-Final 2

	date	28-Jun-08	wind	1.8 m/s										USATF Women's Sprint Development with HPC (2008)					
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Edwards, Torri (USA) (1977)	time	2.03	3.10	4.07	5.04	5.97	6.89	7.84	8.78	9.73	10.78	10.78	4 / 1						
reaction time	interval		1.07	0.97	0.97	0.93	0.92	0.95	0.94	0.95	1.05	PB	# of strides	4.07	2.82	2.84			
	velocity	4.93	9.35	10.31	10.31	10.75	10.87	10.53	10.64	10.53	9.52	9.28	47.5	7.37	10.64	10.56			
Lewis, Mechelle (USA) (1980)	time	2.01	3.12	4.09	5.07	6.02	6.99	7.98	8.93	9.96	10.97	10.97	6 / 2						
reaction time	interval		1.11	0.97	0.98	0.95	0.97	0.99	0.95	1.03	1.01	PB	# of strides	4.09	2.90	2.97			
	velocity	4.98	9.01	10.31	10.20	10.53	10.31	10.10	10.53	9.71	9.90	9.12	49.2	7.33	10.34	10.10			
Felix, Allyson (USA) (1985)	time	2.15	3.22	4.22	5.24	6.20	7.14	8.05	9.04	10.01	11.00	11.00	3 / 3						
reaction time	interval		1.07	1.00	1.02	0.96	0.94	0.91	0.99	0.97	0.99		# of strides	4.22	2.92	2.87			
	velocity	4.65	9.35	10.00	9.80	10.42	10.64	10.99	10.10	10.31	10.10	9.09	45.0	7.11	10.27	10.45			
Moore, LaShaunte'a (USA) (1983)	time	2.16	3.28	4.29	5.29	6.24	7.17	8.16	9.10	10.06	11.03	11.03	7 / 4						
reaction time	interval		1.12	1.01	1.00	0.95	0.93	0.99	0.94	0.96	0.97	PB	# of strides	4.29	2.88	2.89			
	velocity	4.63	8.93	9.90	10.00	10.53	10.75	10.10	10.64	10.42	10.31	9.07	48.0	6.99	10.42	10.38			
Jeter, Carmelita (USA) (1977)	time	2.19	3.28	4.27	5.24	6.19	7.15	8.07	9.09	10.06	11.05	11.05	5 / 5						
reaction time	interval		1.09	0.99	0.97	0.95	0.96	0.92	1.02	0.97	0.99		# of strides	4.27	2.88	2.91			
	velocity	4.57	9.17	10.10	10.31	10.53	10.42	10.87	9.80	10.31	10.10	9.05	49.2	7.03	10.42	10.31			
Barber, Me'Lisa (USA) (1980)	time	2.05	3.17	4.19	5.17	6.16	7.09	8.05	9.05	10.06	11.07	11.07	1 / 6						
reaction time	interval		1.12	1.02	0.98	0.99	0.93	0.96	1.00	1.01	1.01		# of strides	4.19	2.90	2.97			

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	3.2 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			2.12	3.22	4.27	5.26	6.16	7.07	7.98	8.96	9.93	10.89	10.89	4 / 1			
reaction time 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
Lee, Muna (USA) (1981) 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			
reaction time 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
Williams, Lauryn (USA) (1983) 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			
reaction time 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
Williams, Angela (USA) (1980) 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			
reaction time 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
Knight, Bianca (USA) (1989) 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			
reaction time 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
Asumnu, Gloria (USA) (1985) 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			
reaction time 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
Weatherspoon, Alexis (USA) (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			
reaction time 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
Joyce, Alexis (USA) (1983) 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			
reaction time 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
Edwards, Torri (USA) (1977) 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			
reaction time 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
Lee, Muna (USA) (1981) 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			
reaction time 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
Asumnu, Gloria (USA) (1985) 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			
reaction time 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
Moore, LaShaunte'a (USA) (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			
reaction time 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
Barber, Me'Lisa (USA) (1980) 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			
reaction time 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
Guy, LaDedra (USA) (1984) 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			
reaction time 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
Myrick, Wyllesheia (USA) (1979) 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			
reaction time 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
Durst, Stephanie (USA) (1982) 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) (1985)	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

	velocity	4.74	9.01	10.00	10.53	10.42	10.64	10.42	10.42	10.64	9.90	9.14		7.11	10.53	10.49
Anderson, Alexandria (USA) (1988)	time	2.10	3.22	4.25	5.23	6.19	7.14	8.09	9.07	10.06	11.08	11.08	5 / 2			
	reaction time		1.12	1.03	0.98	0.96	0.95	0.95	0.98	0.99	1.02		# of strides	4.25	2.89	2.92
	velocity	4.76	8.93	9.71	10.20	10.42	10.53	10.53	10.20	10.10	9.80	9.03		7.06	10.38	10.27
Guy, LaDedra (USA) (1984)	time	2.10	3.24	4.27	5.28	6.24	7.25	8.29	9.26	10.24	11.25	11.25	8 / 3			
	reaction time		1.14	1.03	1.01	0.96	1.01	1.04	0.97	0.98	1.01		# of strides	4.27	2.98	2.99
	velocity	4.76	8.77	9.71	9.90	10.42	9.90	9.62	10.31	10.20	9.90	8.89		7.03	10.07	10.03
Roseby, Hasani (USA) (1982)	time	2.05	3.18	4.25	5.22	6.20	7.19	8.17	9.20	10.22	11.29	11.29	3 / 4			
	reaction time		1.13	1.07	0.97	0.98	0.99	0.98	1.03	1.02	1.07		# of strides	4.25	2.94	3.03
	velocity	4.88	8.85	9.35	10.31	10.20	10.10	10.20	9.71	9.80	9.35	8.86		7.06	10.20	9.90
Barber, Mikele (USA) (1980)	time	2.13	3.27	4.32	5.30	6.28	7.25	8.26	9.25	10.27	11.29	11.29	6 / 5			
	reaction time		1.14	1.05	0.98	0.98	0.97	1.01	0.99	1.02	1.02		# of strides	4.32	2.93	3.02
	velocity	4.69	8.77	9.52	10.20	10.20	10.31	9.90	10.10	9.80	9.80	8.86		6.94	10.24	9.93
Daigle-Bowen, Angela (USA) (1979)	time	2.08	3.20	4.26	5.24	6.24	7.26	8.25	9.30	10.34	11.39	11.39	4 / 6			
	reaction time		1.12	1.06	0.98	1.00	1.02	0.99	1.05	1.04	1.05		# of strides	4.26	3.00	3.08
	velocity	4.81	8.93	9.43	10.20	10.00	9.80	10.10	9.52	9.62	9.52	8.78		7.04	10.00	9.74
Neal, Tangelia (USA) (1979)	time	2.08	3.24	4.27	5.28	6.26	7.30	8.37	9.44	10.54	11.64	11.64	7 / 7			
	reaction time		1.16	1.03	1.01	0.98	1.04	1.07	1.07	1.10	1.10		# of strides	4.27	3.03	3.24
	velocity	4.81	8.62	9.71	9.90	10.20	9.62	9.35	9.35	9.09	9.09	8.59		7.03	9.90	9.26

Heat 4

	date	27-Jun-08	wind	1.4 m/s	USATF Women's Sprint Development with HPC (2008)														
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jeter, Carmelita (USA) (1979)	time	2.09	3.22	4.23	5.24	6.21	7.15	8.13	9.09	10.09	11.10	11.10	5 / 1						
	reaction time		1.13	1.01	1.01	0.97	0.94	0.98	0.96	1.00	1.01		# of strides	4.23	2.92	2.94			
	velocity	4.78	8.85	9.90	9.90	10.31	10.64	10.20	10.42	10.00	9.90	9.01		7.09	10.27	10.20			
Knight, Bianca (USA) (1989)	time	2.10	3.21	4.22	5.22	6.18	7.15	8.13	9.09	10.08	11.11	11.11	6 / 2						
	reaction time		1.11	1.01	1.00	0.96	0.97	0.98	0.96	0.99	1.03	=PB	# of strides	4.22	2.93	2.93			
	velocity	4.76	9.01	9.90	10.00	10.42	10.31	10.20	10.42	10.10	9.71	9.00		7.11	10.24	10.24			
Moore, LaShaunte'a (USA) (1983)	time	2.11	3.25	4.28	5.29	6.24	7.20	8.15	9.11	10.11	11.12	11.12	4 / 3						
	reaction time		1.14	1.03	1.01	0.95	0.96	0.95	0.96	1.00	1.01		# of strides	4.28	2.92	2.91			
	velocity	4.74	8.77	9.71	9.90	10.53	10.42	10.53	10.42	10.00	9.90	8.99		7.01	10.27	10.31			
Barber, Me'Lisa (USA) (1980)	time	2.06	3.18	4.20	5.21	6.19	7.19	8.17	9.15	10.17	11.19	11.19	7 / 4						
	reaction time		1.12	1.02	1.01	0.98	1.00	0.98	0.98	1.02	1.02		# of strides	4.20	2.99	2.98			
	velocity	4.85	8.93	9.80	9.90	10.20	10.00	10.20	10.20	9.80	9.80	8.94		7.14	10.03	10.07			
Jordan, Victoria (USA) (1990)	time	2.06	3.19	4.20	5.22	6.21	7.20	8.20	9.23	10.29	11.36	11.36	2 / 5						
	reaction time		1.13	1.01	1.02	0.99	0.99	1.00	1.03	1.06	1.07		# of strides	4.20	3.00	3.09			
	velocity	4.85	8.85	9.90	9.80	10.10	10.10	10.00	9.71	9.43	9.35	8.80		7.14	10.00	9.71			
Lowery, Santana (USA) (1987)	time	2.10	3.22	4.26	5.27	6.27	7.27	8.27	9.27	10.30	11.38	11.38	3 / 6						
	reaction time		1.12	1.04	1.01	1.00	1.00	1.00	1.00	1.03	1.08		# of strides	4.26	3.01	3.03			
	velocity	4.76	8.93	9.62	9.90	10.00	10.00	10.00	10.00	9.71	9.26	8.79		7.04	9.97	9.90			

Heat 3

	date	27-Jun-08	wind	1.1 m/s	USATF Women's Sprint Development with HPC (2008)														
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Edwards, Torri (USA) (1977)	time	2.01	3.12	4.10	5.09	6.04	7.01	7.96	8.97	9.99	11.16	11.16	6 / 1						
	reaction time		1.11	0.98	0.99	0.95	0.97	0.95	1.01	1.02	1.17		# of strides	4.10	2.91	2.98			
	velocity	4.98	9.01	10.20	10.10	10.53	10.31	10.53	9.90	9.80	8.55	8.96		7.32	10.31	10.07			
Williams, Angela (USA) (1980)	time	2.02	3.17	4.19	5.14	6.14	7.13	8.12	9.14	10.19	11.26	11.26	8 / 2						
	reaction time		1.15	1.02	0.95	1.00	0.99	0.99	1.02	1.05	1.07		# of strides	4.19	2.94	3.06			
	velocity	4.95	8.70	9.80	10.53	10.00	10.10	10.10	9.80	9.52	9.35	8.88		7.16	10.20	9.80			
Weatherspoon, Alexis (USA) (1988)	time	2.07	3.20	4.24	5.26	6.22	7.22	8.19	9.24	10.24	11.30	11.30	7 / 3						
	reaction time		1.13	1.04	1.02	0.96	1.00	0.97	1.05	1.00	1.06		# of strides	4.24	2.98	3.02			
	velocity	4.83	8.85	9.62	9.80	10.42	10.00	10.31	9.52	10.00	9.43	8.85		7.08	10.07	9.93			
Myrick, Wyllesheia (USA) (1979)	time	2.08	3.24	4.27	5.27	6.27	7.25	8.24	9.24	10.29	11.33	11.33	4 / 4						
	reaction time		1.16	1.03	1.00	1.00	0.98	0.99	1.00	1.05	1.04		# of strides	4.27	2.98	3.04			
	velocity	4.81	8.62	9.71	10.00	10.00	10.20	10.10	10.00	9.52	9.62	8.83		7.03	10.07	9.87			
Durst, Stephanie (USA) (1982)	time	2.11	3.19	4.26	5.29	6.29	7.29	8.28	9.29	10.34	11.34	11.34	5 / 5						
	reaction time		1.08	1.07	1.03	1.00	1.00	0.99	1.01	1.05	1.00		# of strides	4.26	3.03	3.05			
	velocity	4.74	9.26	9.35	9.71	10.00	10.00	10.10	9.90	9.52	10.00	8.82		7.04	9.90	9.84			
Onyepunuka, Jessica (USA) (1988)	time	2.11	3.27	4.34	5.34	6.31	7.34	8.34	9.36	10.44	11.48	11.48	3 / 6						

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
Felix, Allyson (USA) (1985)	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			
reaction time	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	
Asumnu, Gloria (USA) (1985)	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			
reaction time	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	
Layne, Lynne (USA) (1988)	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			
reaction time	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	
Joyce, Alexis (USA) (1983)	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			
reaction time	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	
Robinson, Amber (USA) (1980)	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			
reaction time	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	
Smedley, Melinda (USA) (1981)	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			
reaction time	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	
Broadus, Juanita (USA) (1985)	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			
reaction time	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
	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
Lee, Muna (USA) (1981)	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			
reaction time	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	
Williams, Lauryn (USA) (1983)	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			
reaction time	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	
Lewis, Mechelle (USA) (1980)	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			
reaction time	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	
Gaines, Chryste (USA) (1970)	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			
reaction time	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	
Solomon, Shalonda (USA) (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			
reaction time	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	
Meadows, Tawanna (USA) (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			
reaction time	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
Tarmoh, Jeneba (USA) (1989)	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			
reaction time	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	
Jordan, Victoria (USA) (1990)	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			
reaction time	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	
Mahan, Shayla (USA) (1989)	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	interval		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	interval		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	interval		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	interval		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	interval		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	interval		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**

	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	30-60m	60-90m
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	interval		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	
	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	interval		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	
	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	interval		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	
	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	interval		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	
	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	interval		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	
	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**

	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	30-60m	60-90m
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 / 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	9.80		
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	1 / 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	9.77		

B FINAL

	date	29-Apr-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
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	1 / 2				
reaction time	interval		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	
	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	1 / 3				
reaction time	interval		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	
	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

	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 / 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	
Ota, Tomoko (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			
reaction time	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
	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

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

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>

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, Iveta (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

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	0.98	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											# 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	9.05	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											# 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	9.05	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											# 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	9.03	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) (1988)	0.175	no information available										11.26	2 / 8	# of strides	50.2		

Semi-Final 2

		date	27-Aug-07		wind	-0.1 m/s											<i>Matsuo (2009) - analysis of speed patterns in 100m sprints</i>					
			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												# of strides	4.12	2.90	2.91					
	interval		1.12	1.00	0.98	0.97	0.95	0.96	0.98	0.97	1.06											
	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

		date	26-Aug-07		wind	-0.7 m/s											<i>Matsuo (2008) - the analysis of the 100m races at the 2007 IAAF world championships in athletics</i>					
			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												# of strides	4.45	3.19	3.21					
	interval		1.23	1.11	1.08	1.05	1.06	1.06	1.06	1.09	1.13											
	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**

		date	03-Aug-07		wind	1.3 m/s											<i>Hitorara (2007) - 60st high school championships: JAF scientific committee - biomechanics data collection</i>					
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m					
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	1.05	1.06	1.08	1.13	PB		# of strides	4.31	3.08	3.19					
	interval																					
	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													# of strides	4.31	3.13	3.24					
	interval				1.08	1.03	1.05	1.05	1.07	1.08	1.09	1.15										
	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													# of strides	4.38	3.18	3.22					
	interval				1.10	1.06	1.06	1.06	1.07	1.07	1.08	1.13										
	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													# of strides	4.45	3.18	3.22					
	interval				1.13	1.06	1.06	1.06	1.07	1.07	1.08	1.14										
	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													# of strides	4.38	3.21	3.26					
	interval				1.10	1.07	1.07	1.07	1.08	1.09	1.09	1.16										
	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													# of strides	4.43	3.19	3.29					
	interval				1.11	1.06	1.06	1.07	1.09	1.10	1.10	1.15										
	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													# of strides	4.43	3.20	3.30					
	interval				1.12	1.06	1.07	1.07	1.09	1.10	1.11	1.17										
	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													# of strides	4.45	3.29	3.38					
	interval				1.11	1.10	1.09	1.10	1.12	1.12	1.14	1.20										
	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**

		date	24-Jul-07		wind	1.0 m/s											<i>(2007) - www.ssg.se/en/Windsprint/Split-times/</i>					
			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							3.10		2.11		2.25		# of strides	4.34	3.10						
	interval																					
	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							3.15		2.13		2.21		# of strides	4.43	3.15						
	interval																					
	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	interval		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	interval		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	interval		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	interval		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	interval		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	interval		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 FINAL

date 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) (1987)	time			4.50			7.77		9.96		12.22	12.22	/ 1			
	reaction time	interval					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	interval					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	interval					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	interval					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	interval					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	interval					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	interval		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	interval		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	interval		1.20	1.07	1.05	1.04	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	interval		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	interval		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

		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

		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

		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	interval		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	interval		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	interval		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, Rachele (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	interval		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	interval		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	interval		1.16	1.03	1.00	0.96	0.99	0.96	1.01	1.03	1.03	PB	# 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	interval		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	interval		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

		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) (1988)	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	/ 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		interval	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		interval	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		interval	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		interval	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		interval	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		interval	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		interval	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		interval	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		interval	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		interval	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		interval	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		interval	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		interval	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		interval	1.15	1.04	1.03	1.03	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		interval	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		interval	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		interval	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		interval	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	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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	interval	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

velocity	4.67	8.55	9.62	9.62	9.80	9.90	9.90	9.35	9.17	9.26	8.57		6.90	9.77	9.46	
Lapsley, Andriane (USA) (1983)	time	2.15	3.29	4.39	5.43	6.44	7.47	8.51	9.56	10.66	11.74	11.74	5 / 6			
reaction time	interval		1.14	1.10	1.04	1.01	1.03	1.04	1.05	1.10	1.08	# of strides	4.39	3.08	3.19	
velocity		4.65	8.77	9.09	9.62	9.90	9.71	9.62	9.52	9.09	9.26	8.52		6.83	9.74	9.40

Heat 1

	date	24-Jun-05	wind	-2.0 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
Daigle, Angela (USA) (1976)	time		2.03	3.19	4.22	5.27	6.29	7.26	8.24	9.29	10.34	11.40	11.40	8 / 1			
reaction time	interval			1.16	1.03	1.05	1.02	0.97	0.98	1.05	1.05	1.06		# of strides	4.22	3.04	3.08
velocity		4.93	8.62	9.71	9.52	9.80	10.31	10.20	9.52	9.52	9.43	8.77			7.11	9.87	9.74
Powell, Virginia (Ginnie) (USA) (1976)	time		2.02	3.14	4.22	5.24	6.27	7.26	8.25	9.32	10.35	11.42	11.42	3 / 2			
reaction time	interval			1.12	1.08	1.02	1.03	0.99	0.99	1.07	1.03	1.07		# of strides	4.22	3.04	3.09
velocity		4.95	8.93	9.26	9.80	9.71	10.10	10.10	9.35	9.71	9.35	8.76			7.11	9.87	9.71
Brice, Tremedia (USA) (1981)	time		2.06	3.29	4.31	5.39	6.43	7.45	8.46	9.49	10.54	11.58	11.58	9 / 3			
reaction time	interval			1.23	1.02	1.08	1.04	1.02	1.01	1.03	1.05	1.04		# of strides	4.31	3.14	3.09
velocity		4.85	8.13	9.80	9.26	9.62	9.80	9.90	9.71	9.52	9.62	8.64			6.96	9.55	9.71
Whipple, Erica (USA) (1982)	time		2.17	3.32	4.40	5.44	6.43	7.45	8.46	9.51	10.54	11.61	11.61	4 / 4			
reaction time	interval			1.15	1.08	1.04	0.99	1.02	1.01	1.05	1.03	1.07		# of strides	4.40	3.05	3.09
velocity		4.61	8.70	9.26	9.62	10.10	9.80	9.90	9.52	9.71	9.35	8.61			6.82	9.84	9.71
Weatherspoon, Alexis (USA) (1982)	time		2.05	3.20	4.27	5.34	6.36	7.40	8.41	9.49	10.56	11.64	11.64	6 / 5			
reaction time	interval			1.15	1.07	1.07	1.02	1.04	1.01	1.08	1.07	1.08		# of strides	4.27	3.13	3.16
velocity		4.88	8.70	9.35	9.35	9.80	9.62	9.90	9.26	9.35	9.26	8.59			7.03	9.58	9.49
Williams, Angela (USA) (1980)	time		2.04	3.18	4.24	5.28	6.31	7.36	8.37	9.44	10.54	11.64	11.64	7 / 6			
reaction time	interval			1.14	1.06	1.04	1.03	1.05	1.01	1.07	1.10	1.10		# of strides	4.24	3.12	3.18
velocity		4.90	8.77	9.43	9.62	9.71	9.52	9.90	9.35	9.09	9.09	8.59			7.08	9.62	9.43

2005 USATF National Junior Championships (Carson, CA)**FINAL**

	date	23-Jun-05	wind	-1.1 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
Tyson, Cleo (USA) (1986)	time		2.12	2.37	4.29	5.31	6.31	7.34	8.31	9.36	10.38	11.44	11.44	7 / 1			
reaction time	interval			0.25	1.92	1.02	1.00	1.03	0.97	1.05	1.02	1.06		# of strides	4.29	3.05	3.04
velocity		4.72	40.00	5.21	9.80	10.00	9.71	10.31	9.52	9.80	9.43	8.74			6.99	9.84	9.87
Nesbitt, Amberly (USA) (1986)	time		2.10	3.25	4.31	5.36	6.37	7.41	8.43	9.51	10.58	11.67	11.67	6 / 2			
reaction time	interval			1.15	1.06	1.05	1.01	1.04	1.02	1.08	1.07	1.09		# of strides	4.31	3.10	3.17
velocity		4.76	8.70	9.43	9.52	9.90	9.62	9.80	9.26	9.35	9.17	8.57			6.96	9.68	9.46
Anderson, Alexandria (USA) (1986)	time		2.18	2.34	4.41	5.46	6.54	7.53	8.58	9.60	10.63	11.69	11.69	5 / 3			
reaction time	interval			0.16	2.07	1.05	1.08	0.99	1.05	1.02	1.03	1.06		# of strides	4.41	3.12	3.10
velocity		4.59	62.50	4.83	9.52	9.26	10.10	9.52	9.80	9.71	9.43	8.55			6.80	9.62	9.68
Davis, Kristina (USA) (1988)	time		2.12	3.29	4.39	5.46	6.52	7.58	8.63	9.71	10.75	11.67	11.87	2 / 4			
reaction time	interval			1.17	1.10	1.07	1.06	1.06	1.05	1.08	1.04	0.92		# of strides	4.39	3.19	3.17
velocity		4.72	8.55	9.09	9.35	9.43	9.43	9.52	9.26	9.62	10.87	8.42			6.83	9.40	9.46
Olear, Elizabeth (USA) (1988)	time		2.22	3.35	4.44	5.49	6.56	7.59	8.66	9.73	10.76	11.88	11.88	1 / 5			
reaction time	interval			1.13	1.09	1.05	1.07	1.03	1.07	1.07	1.03	1.12		# of strides	4.44	3.15	3.17
velocity		4.50	8.85	9.17	9.52	9.35	9.71	9.35	9.35	9.71	8.93	8.42			6.76	9.52	9.46
Knight, Bianca (USA) (1989)	time		2.16	3.35	4.44	5.51	6.54	7.62	8.66	9.73	10.82	11.92	11.92	4 / 6			
reaction time	interval			1.19	1.09	1.07	1.03	1.08	1.04	1.07	1.09	1.10		# of strides	4.44	3.18	3.20
velocity		4.63	8.40	9.17	9.35	9.71	9.26	9.62	9.35	9.17	9.09	8.39			6.76	9.43	9.38
Onyepunuka, Jessica (USA) (1988)	time		2.14	3.31	4.42	5.49	6.53	7.59	8.63	9.71	10.80	11.92	11.92	3 / 7			
reaction time	interval			1.17	1.11	1.07	1.04	1.06	1.04	1.08	1.09	1.12		# of strides	4.42	3.17	3.21
velocity		4.67	8.55	9.01	9.35	9.62	9.43	9.62	9.26	9.17	8.93	8.39			6.79	9.46	9.35
Carter, Khrystal (USA) (1988)	time		2.18	3.37	4.47	5.52	6.57	7.62	8.67	9.74	10.83	11.96	11.96	9 / 8			
reaction time	interval			1.19	1.10	1.05	1.05	1.05	1.05	1.07	1.09	1.13		# of strides	4.47	3.15	3.21
velocity		4.59	8.40	9.09	9.52	9.52	9.52	9.52	9.35	9.17	8.85	8.36			6.71	9.52	9.35
Matthew, Sarah A. (USA) (1988)	time		2.13	3.31	4.41	5.45	6.56	7.57	8.64	9.76	10.84	11.98	11.98	8 / 9			
reaction time	interval			1.18	1.10	1.04	1.11	1.01	2.07	0.12	1.08	1.14		# of strides	4.41	3.16	3.27
velocity		4.69	8.47	9.09	9.62	9.01	9.90	4.83	83.33	9.26	8.77	8.35			6.80	9.49	9.17

2004 Olympic Games (Athens, GRE)**FINAL**

	date	21-Aug-04	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

Nestiarenka, Yulia (BLR) (1979)	0.186	no information available
Williams, Lauryn (USA) (1983)	0.212	no information available
Campbell, Veronica (JAM) (1982)	0.199	no information available
Lalova, Ivet (BUL) (1984)	0.154	no information available
Bailey, Aleen (JAM) (1980)	0.208	no information available
Simpson, Sherone (JAM) (1984)	0.164	no information available
Ferguson, Debbie (BAH) (1976)	0.177	no information available
Colander, LaTasha (USA) (1976)	0.183	no information available

10.93	6 / 1
10.96	4 / 2
10.97	3 / 3
11.00	1 / 4
11.05	2 / 5
11.07	5 / 6
11.16	8 / 7
11.18	7 / 8

2004 USA Olympic Trials (Sacramento, CA)

FINAL

date 10-Jul-04

wind 0.1 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
Colander, LaTasha (USA) (1976)	time		2.08	3.19	4.23	5.19	6.14	7.11	8.04	9.00	9.97	10.97	10.97	3 / 1			
	reaction time	0.175											PB	# of strides	4.23	2.88	2.86
	interval			1.11	1.04	0.96	0.95	0.97	0.93	0.96	0.97	1.00			7.09	10.42	10.49
	velocity		4.81	9.01	9.62	10.42	10.53	10.31	10.75	10.42	10.31	10.00	9.12	51.0			
Edwards, Torri (USA) (1977)	time		2.05	3.15	4.17	5.14	6.08	7.05	8.03	9.00	10.00	11.02	11.02	4 / 2			
	reaction time												DV	# of strides	4.17	2.88	2.95
	interval			1.10	1.02	0.97	0.94	0.97	0.98	0.97	1.00	1.02			7.19	10.42	10.17
	velocity		4.88	9.09	9.80	10.31	10.64	10.31	10.20	10.31	10.00	9.80	9.07	50.7			
Williams, Lauryn (USA) (1983)	time		2.08	3.21	4.23	5.22	6.17	7.16	8.13	9.10	10.08	11.10	11.10	5 / 3 2			
	reaction time	0.211												# of strides	4.23	2.93	2.92
	interval			1.13	1.02	0.99	0.95	0.99	0.97	0.97	0.98	1.02			7.09	10.24	10.27
	velocity		4.81	8.85	9.80	10.10	10.53	10.10	10.31	10.31	10.20	9.80	9.01	52.7			
Devers, Gail (USA) (1966)	time		2.04	3.11	4.16	5.13	6.08	7.07	8.04	9.04	10.05	11.11	11.11	1 / 4 3			
	reaction time	0.145												# of strides	4.16	2.91	2.98
	interval			1.07	1.05	0.97	0.95	0.99	0.97	1.00	1.01	1.06			7.21	10.31	10.07
	velocity		4.90	9.35	9.52	10.31	10.53	10.10	10.31	10.00	9.90	9.43	9.00	48.0			
Jones, Marion (USA) (1975)	time		2.04	3.21	4.24	5.23	6.18	7.16	8.13	9.11	10.10	11.14	11.14	6 / 5 4			
	reaction time	0.179											DV	# of strides	4.24	2.92	2.94
	interval			1.17	1.03	0.99	0.95	0.98	0.97	0.98	0.99	1.04			7.08	10.27	10.20
	velocity		4.90	8.55	9.71	10.10	10.53	10.20	10.31	10.20	10.10	9.62	8.98	48.0			
Lee, Muna (USA) (1981)	time		2.06	3.19	4.23	5.23	6.18	7.20	8.16	9.16	10.14	11.17	11.17	7 / 6 4			
	reaction time													# of strides	4.23	2.97	2.94
	interval			1.13	1.04	1.00	0.95	1.02	0.96	1.00	0.98	1.03			7.09	10.10	10.20
	velocity		4.85	8.85	9.62	10.00	10.53	9.80	10.42	10.00	10.20	9.71	8.95	49.0			
Williams, Angela (USA) (1980)	time		2.03	3.12	4.15	5.16	6.13	7.14	8.10	9.13	10.17	11.22	11.22	2 / 7 5			
	reaction time	0.137												# of strides	4.15	2.99	3.03
	interval			1.09	1.03	1.01	0.97	1.01	0.96	1.03	1.04	1.05			7.23	10.03	9.90
	velocity		4.93	9.17	9.71	9.90	10.31	9.90	10.42	9.71	9.62	9.52	8.91	51.0			
Daigle, Angela (USA) (1976)	time		2.03	3.15	4.17	5.19	6.16	7.14	8.14	9.16	10.17	11.23	11.23	8 / 8 6			
	reaction time												PB	# of strides	4.17	2.97	3.03
	interval			1.12	1.02	1.02	0.97	0.98	1.00	1.02	1.01	1.06			7.19	10.10	9.90
	velocity		4.93	8.93	9.80	9.80	10.31	10.20	10.00	9.80	9.90	9.43	8.90	51.5			

Semi-Final 2

date 10-Jul-04

wind -0.7 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
Jones, Marion (USA) (1975)	time		2.08	3.20	4.22	5.22	6.16	7.15	8.11	9.08	10.11	11.14	11.14	5 / 4			
	reaction time												DV	# of strides	4.22	2.93	2.96
	interval			1.12	1.02	1.00	0.94	0.99	0.96	0.97	1.03	1.03			7.11	10.24	10.14
	velocity		4.81	8.93	9.80	10.00	10.64	10.10	10.42	10.31	9.71	9.71	8.98	47.7			
Colander, LaTasha (USA) (1976)	time		2.14	3.29	4.31	5.27	6.24	7.22	8.16	9.13	10.15	11.14	11.14	3 / 2 1			
	reaction time													# of strides	4.31	2.91	2.93
	interval			1.15	1.02	0.96	0.97	0.98	0.94	0.97	1.02	0.99			6.96	10.31	10.24
	velocity		4.67	8.70	9.80	10.42	10.31	10.20	10.64	10.31	9.80	10.10	8.98	51.0			
Lee, Muna (USA) (1981)	time		2.14	3.23	4.27	5.27	6.24	7.23	8.21	9.19	10.25	11.25	11.25	6 / 3 2			
	reaction time													# of strides	4.27	2.96	3.02
	interval			1.09	1.04	1.00	0.97	0.99	0.98	0.98	1.06	1.00			7.03	10.14	9.93
	velocity		4.67	9.17	9.62	10.00	10.31	10.10	10.20	10.20	9.43	10.00	8.89	49.7			
Daigle, Angela (USA) (1976)	time		2.05	3.15	4.18	5.18	6.14	7.16	8.14	9.14	10.19	11.27	11.27	1 / 4 3			
	reaction time													# of strides	4.18	2.98	3.03
	interval			1.10	1.03	1.00	0.96	1.02	0.98	1.00	1.05	1.08			7.18	10.07	9.90
	velocity		4.88	9.09	9.71	10.00	10.42	9.80	10.20	10.00	9.52	9.26	8.87	51.5			
Myrick, Wyllesheia (USA) (1979)	time		2.09	3.22	4.25	5.22	6.20	7.21	8.19	9.17	10.21	11.28	11.28	2 / 5 4			
	reaction time													# of strides	4.25	2.96	3.00
	interval			1.13	1.03	0.97	0.98	1.01	0.98	0.98	1.04	1.07			7.06	10.14	10.00
	velocity		4.78	8.85	9.71	10.31	10.20	9.90	10.20	10.20	9.62	9.35	8.87	51.0			
Miller, Inger (USA) (1972)	time		2.06	3.21	4.26	5.27	6.26	7.24	8.22	9.24	10.25	11.30	11.30	4 / 6 5			
	reaction time													# of strides	4.26	2.98	3.01
	interval			1.15	1.05	1.01	0.99	0.98	0.98	1.02	1.01	1.05			7.04	10.07	9.97
	velocity		4.85	8.70	9.52	9.90	10.10	10.20	10.20	9.80	9.90	9.52	8.85	50.5			
Brice, Tremedia (USA) (1981)	time		2.10	3.23	4.28	5.30	6.28	7.30	8.31	9.32	10.34	11.41	11.41	7 / 7 6			
	reaction time													# of strides	4.28	3.02	3.04
	interval			1.13	1.05	1.02	0.98	1.02	1.01	1.01	1.02	1.07			7.01	9.93	9.87
	velocity		4.76	8.85	9.52	9.80	10.20	9.80	9.90	9.90	9.80	9.35	8.76	49.2			
Backus, LaKeisha (USA) (1976)	time		2.19	3.30	4.36	5.39	6.38	7.39	8.39	9.41	10.45	11.52	11.52	8 / 8 7			

reaction time	interval	1.11	1.06	1.03	0.99	1.01	1.00	1.02	1.04	1.07		# of strides	4.36	3.03	3.06	
	velocity	4.57	9.01	9.43	9.71	10.10	9.90	10.00	9.80	9.62	9.35	8.68	54.0	6.88	9.90	9.80

Semi-Final 1

		date	10-Jul-04		wind -0.1 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		
Edwards, Torri (USA) (1977)	time		2.05	3.14	4.14	5.13	6.07	7.03	7.99	8.98	9.93	11.00	11.00	3 / 4					
	reaction time	interval		1.09	1.00	0.99	0.94	0.96	0.96	0.99	0.95	1.07	DV	# of strides	4.14	2.89	2.90		
		velocity	4.88	9.17	10.00	10.10	10.64	10.42	10.42	10.10	10.53	9.35	9.09	50.2	7.25	10.38	10.34		
Williams, Lauryn (USA) (1983)	time		2.12	3.24	4.26	5.24	6.22	7.20	8.15	9.14	10.13	11.14	11.14	6 / 2 1					
	reaction time	interval		1.12	1.02	0.98	0.98	0.98	0.95	0.99	0.99	1.01		# of strides	4.26	2.94	2.93		
		velocity	4.72	8.93	9.80	10.20	10.20	10.20	10.53	10.10	10.10	9.90	8.98	52.7	7.04	10.20	10.24		
Williams, Angela (USA) (1980)	time		2.04	3.14	4.17	5.16	6.11	7.12	8.08	9.09	10.11	11.16	11.16	1 / 3 2					
	reaction time	interval		1.10	1.03	0.99	0.95	1.01	0.96	1.01	1.02	1.05		# of strides	4.17	2.95	2.99		
		velocity	4.90	9.09	9.71	10.10	10.53	9.90	10.42	9.90	9.80	9.52	8.96	51.0	7.19	10.17	10.03		
Devers, Gail (USA) (1966)	time		2.07	3.16	4.16	5.16	6.12	7.11	8.09	9.09	10.11	11.18	11.18	5 / 4 3					
	reaction time	interval		1.09	1.00	1.00	0.96	0.99	0.98	1.00	1.02	1.07		# of strides	4.16	2.95	3.00		
		velocity	4.83	9.17	10.00	10.00	10.42	10.10	10.20	10.00	9.80	9.35	8.94	48.0	7.21	10.17	10.00		
Gaines, Chryste (USA) (1970)	time		2.13	3.24	4.27	5.29	6.25	7.26	8.21	9.21	10.23	11.30	11.30	4 / 5					
	reaction time	interval		1.11	1.03	1.02	0.96	1.01	0.95	1.00	1.02	1.07	DV	# of strides	4.27	2.99	2.97		
		velocity	4.69	9.01	9.71	9.80	10.42	9.90	10.53	10.00	9.80	9.35	8.85	50.5	7.03	10.03	10.10		
Hooker, Marshevet (USA) (1984)	time		2.15	3.30	4.34	5.36	6.34	7.34	8.31	9.31	10.36	11.38	11.38	8 / 6 4					
	reaction time	interval		1.15	1.04	1.02	0.98	1.00	0.97	1.00	1.05	1.02		# of strides	4.34	3.00	3.02		
		velocity	4.65	8.70	9.62	9.80	10.20	10.00	10.31	10.00	9.52	9.80	8.79	47.7	6.91	10.00	9.93		
Moore, Connie (USA) (1981)	time		2.17	3.30	4.35	5.42	6.42	7.44	8.43	9.44	10.49	11.60	11.60	2 / 7 5					
	reaction time	interval		1.13	1.05	1.07	1.00	1.02	0.99	1.01	1.05	1.11		# of strides	4.35	3.09	3.05		
		velocity	4.61	8.85	9.52	9.35	10.00	9.80	10.10	9.90	9.52	9.01	8.62	53.2	6.90	9.71	9.84		
Graham, Nolle (USA) (1981)	time		2.14	3.30	4.35	5.41	6.45	7.51	8.53	9.60	10.69	11.80	11.80	7 / 8 6					
	reaction time	interval		1.16	1.05	1.06	1.04	1.06	1.02	1.07	1.09	1.11		# of strides	4.35	3.16	3.18		
		velocity	4.67	8.62	9.52	9.43	9.62	9.43	9.80	9.35	9.17	9.01	8.47	51.0	6.90	9.49	9.43		

Quarter-Final 4

		date	09-Jul-04		wind -0.8 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		
Williams, Lauryn (USA) (1983)	time		2.11	3.17	4.22	5.22	6.16	7.12	8.07	9.08	10.09	11.13	11.13	4 / 1					
	reaction time	interval		1.06	1.05	1.00	0.94	0.96	0.95	1.01	1.01	1.04		# of strides	4.22	2.90	2.97		
		velocity	4.74	9.43	9.52	10.00	10.64	10.42	10.53	9.90	9.90	9.62	8.98	53.2	7.11	10.34	10.10		
Lee, Muna (USA) (1981)	time		2.12	3.24	4.27	5.32	6.26	7.26	8.23	9.25	10.31	11.37	11.37	2 / 2					
	reaction time	interval		1.12	1.03	1.05	0.94	1.00	0.97	1.02	1.06	1.06		# of strides	4.27	2.99	3.05		
		velocity	4.72	8.93	9.71	9.52	10.64	10.00	10.31	9.80	9.43	9.43	8.80	49.0	7.03	10.03	9.84		
Hooker, Marshevet (USA) (1984)	time		2.15	3.30	4.30	5.34	6.31	7.31	8.29	9.33	10.36	11.41	11.41	3 / 3					
	reaction time	interval		1.15	1.00	1.04	0.97	1.00	0.98	1.04	1.03	1.05		# of strides	4.30	3.01	3.05		
		velocity	4.65	8.70	10.00	9.62	10.31	10.00	10.20	9.62	9.71	9.52	8.76	48.0	6.98	9.97	9.84		
Brice, Tremedia (USA) (1981)	time		2.19	3.33	4.37	5.37	6.37	7.37	8.39	9.41	10.44	11.50	11.50	5 / 4					
	reaction time	interval		1.14	1.04	1.00	1.00	1.00	1.02	1.02	1.03	1.06		# of strides	4.37	3.00	3.07		
		velocity	4.57	8.77	9.62	10.00	10.00	10.00	9.80	9.80	9.71	9.43	8.70	49.7	6.86	10.00	9.77		
Graham, Nolle (USA) (1981)	time		2.14	3.31	4.36	5.37	6.39	7.42	8.45	9.53	10.56	11.70	11.70	7 / 5					
	reaction time	interval		1.17	1.05	1.01	1.02	1.03	1.03	1.08	1.03	1.14		# of strides	4.36	3.06	3.14		
		velocity	4.67	8.55	9.52	9.90	9.80	9.71	9.71	9.26	9.71	8.77	8.55	52.0	6.88	9.80	9.55		
Pelham, Shaunta (USA) (1978)	time		2.16	3.34	4.37	5.37	6.39	7.42	8.46	9.52	10.56	11.70	11.70	6 / 6					
	reaction time	interval		1.18	1.03	1.00	1.02	1.03	1.04	1.06	1.04	1.14		# of strides	4.37	3.05	3.14		
		velocity	4.63	8.47	9.71	10.00	9.80	9.71	9.62	9.43	9.62	8.77	8.55	51.0	6.86	9.84	9.55		

Quarter-Final 3

		date	09-Jul-04		wind -1.0 m/s										USATF Women's Sprint Development (2004)				
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Edwards, Torri (USA) (1977)	time		2.09	3.18	4.21	5.22	6.19	7.19	8.17	9.21	10.26	11.36	11.36	6 / 4					
	reaction time	interval		1.09	1.03	1.01	0.97	1.00	0.98	1.04	1.05	1.10	DV	# of strides	4.21	2.98	3.07		
		velocity	4.78	9.17	9.71	9.90	10.31	10.00	10.20	9.62	9.52	9.09	8.80	51.0	7.13	10.07	9.77		
Devers, Gail (USA) (1966)	time		2.05	3.16	4.19	5.21	6.17	7.17	8.16	9.18	10.24	11.36	11.36	4 / 2 1					
	reaction time	interval		1.11	1.03	1.02	0.96	1.00	0.99	1.02	1.06	1.12		# of strides	4.19	2.98	3.07		
		velocity	4.88	9.01	9.71	9.80	10.42	10.00	10.10	9.80	9.43	8.93	8.80	48.7	7.16	10.07	9.77		
Daigle, Angela (USA) (1976)	time		2.07	3.15	4.17	5.19	6.17	7.18	8.17	9.23	10.29	11.42	11.42	7 / 3 2					
	reaction time	interval		1.08	1.02	1.02	0.98	1.01	0.99	1.06	1.06	1.13		# of strides	4.17	3.01	3.11		

velocity	4.83	9.26	9.80	9.80	10.20	9.90	10.10	9.43	9.43	8.85	8.76	52.0	7.19	9.97	9.65
Moore, LaShaunte'a (USA) (1983) time	2.17	3.35	4.42	5.46	6.46	7.52	8.54	9.59	10.66	11.76	11.76	2 / 4 3			
reaction time interval		1.18	1.07	1.04	1.00	1.06	1.02	1.05	1.07	1.10		# of strides	4.42	3.10	3.14
velocity	4.61	8.47	9.35	9.62	10.00	9.43	9.80	9.52	9.35	9.09	8.50	51.0	6.79	9.68	9.55
Smedley, Melinda (USA) (1981) time	2.14	3.30	4.40	5.46	6.47	7.54	8.59	9.67	10.76	11.91	11.91	5 / 5 4			
reaction time interval		1.16	1.10	1.06	1.01	1.07	1.05	1.08	1.09	1.15		# of strides	4.40	3.14	3.22
velocity	4.67	8.62	9.09	9.43	9.90	9.35	9.52	9.26	9.17	8.70	8.40	54.5	6.82	9.55	9.32
Fant, Felicia (USA) time	2.20	3.36	4.44	5.51	6.55	7.62	8.70	9.79	10.89	12.07	12.07	3 / 6 5			
reaction time interval		1.16	1.08	1.07	1.04	1.07	1.08	1.09	1.10	1.18		# of strides	4.44	3.18	3.27
velocity	4.55	8.62	9.26	9.35	9.62	9.35	9.26	9.17	9.09	8.47	8.29	54.0	6.76	9.43	9.17

Quarter-Final 2

date	09-Jul-04	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
Miller, Inger (USA) (1972) 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			
reaction time 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
Gaines, Chryste (USA) (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			
reaction time 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
Myrick, Wyllesheia (USA) (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			
reaction time 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
Moore, Connie (USA) (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			
reaction time 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
Backus, LaKeisha (USA) (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			
reaction time 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
Rhett, Amandi (USA) (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			
reaction time 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

Quarter-Final 1

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
Colander, LaTasha (USA) (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			
reaction time 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
Jones, Marion (USA) (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			
reaction time 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
Williams, Angela (USA) (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			
reaction time 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
Ivery, Lakadron (USA) (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			
reaction time 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
Jones, Teneeshia (USA) (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			
reaction time 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
Jeter, Carmelita (USA) (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			
reaction time 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

2003 IAAF World Championships (Paris, FRA)

FINAL

date	24-Aug-03	wind	0.9 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	
White, Kellie (USA) (1977)	0.184	no information available										DV	10.85	5 / 4			
Edwards, Torri (USA) (1977)	0.133	no information available											10.93	1 / 2 1			
Block, Zhanna (UKR) (1972)	0.160	no information available										DV	10.99	2 / 3			
Sturup, Chandra (BAH) (1971)	0.136	no information available											11.02	6 / 4 2			
Thánou, Ekateríni (GRE) (1975)	0.219	no information available											11.03	4 / 5 3			
Arron, Christine (FRA) (1973)	0.182	no information available											11.06	3 / 6 4			

Bailey, Aleen (JAM) (1980)	0.205	no information available	11.07	8 / 7 5
Devers, Gail (USA) (1966)	0.150	no information available	11.11	7 / 8 6

2003 USATF National Junior Championship (Palo Alto, CA)

FINAL

date 22-Jun-03 wind 0.7 m/s

USATF Women's Sprint Development (2003)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Solomon, Shalonda (USA) (1985)	time	2.12	3.27	4.35	5.37	6.39	7.37	8.34	9.34	10.38	11.40	11.40	5 / 1				
	reaction time		interval	1.15	1.08	1.02	1.02	0.98	0.97	1.00	1.04	1.02	# of strides	4.35	3.02	3.01	
	velocity	4.72	8.70	9.26	9.80	9.80	10.20	10.31	10.00	9.62	9.80	8.77		6.90	9.93	9.97	
Owens, Ashley (USA) (1985)	time	2.14	3.28	4.37	5.41	6.41	7.44	8.46	9.59	10.58	11.60	11.60	7 / 2				
	reaction time		interval	1.14	1.09	1.04	1.00	1.03	1.02	1.13	0.99	1.02	PB	# of strides	4.37	3.07	3.14
	velocity	4.67	8.77	9.17	9.62	10.00	9.71	9.80	8.85	10.10	9.80	8.62		6.86	9.77	9.55	
Rodriguez, Carol (USA) (1985)	time	2.19	3.32	4.40	5.42	6.44	7.44	8.49	9.51	10.59	11.68	11.68	6 / 3				
	reaction time		interval	1.13	1.08	1.02	1.00	1.05	1.02	1.08	1.09		# of strides	4.40	3.04	3.15	
	velocity	4.57	8.85	9.26	9.80	9.80	10.00	9.52	9.80	9.26	9.17	8.56		6.82	9.87	9.52	
Broaddus, Juanita (USA) (1985)	time	2.19	3.34	4.44	5.49	6.54	7.56	8.58	9.66	10.70	11.78	11.78	2 / 4				
	reaction time		interval	1.15	1.10	1.05	1.05	1.02	1.02	1.08	1.04	1.08	# of strides	4.44	3.12	3.14	
	velocity	4.57	8.70	9.09	9.52	9.52	9.80	9.80	9.26	9.62	9.26	8.49		6.76	9.62	9.55	
Carter, Antonette (USA) (1984)	time	2.20	3.40	4.45	5.49	6.54	7.55	8.59	9.64	10.74	11.79	11.79	4 / 5				
	reaction time		interval	1.20	1.05	1.04	1.05	1.01	1.04	1.05	1.10	1.05	# of strides	4.45	3.10	3.19	
	velocity	4.55	8.33	9.52	9.62	9.52	9.90	9.62	9.52	9.09	9.52	8.48		6.74	9.68	9.40	
Davis, Kristina (USA) (1988)	time	2.15	3.32	4.40	5.47	6.54	7.57	8.59	9.68	10.79	11.89	11.89	3 / 6				
	reaction time		interval	1.17	1.08	1.07	1.07	1.03	1.02	1.09	1.11	1.10	# of strides	4.40	3.17	3.22	
	velocity	4.65	8.55	9.26	9.35	9.35	9.71	9.80	9.17	9.01	9.09	8.41		6.82	9.46	9.32	
Rogers, Tissilli (USA) (1984)	time	2.18	3.34	4.44	5.47	6.51	7.56	8.62		10.87	11.96	11.96	9 / 7				
	reaction time		interval	1.16	1.10	1.03	1.04	1.05	1.06		2.25	1.09	# of strides	4.44	3.12	3.31	
	velocity	4.59	8.62	9.09	9.71	9.62	9.52	9.43		8.89	9.17	8.36		6.76	9.62	9.06	
Goodwin, Deanna (USA) (1985)	time	2.18	3.37	4.47	5.54	6.59	7.64	8.68	9.77	10.89	11.99	11.99	8 / 8				
	reaction time		interval	1.19	1.10	1.07	1.05	1.05	1.04	1.09	1.12	1.10	# of strides	4.47	3.17	3.25	
	velocity	4.59	8.40	9.09	9.35	9.52	9.52	9.62	9.17	8.93	9.09	8.34		6.71	9.46	9.23	
Earls, Jacqueline (USA) (1984)	time	2.20	3.39	4.54	5.61	6.71	7.81				12.20	12.30	1 / 9				
	reaction time		interval	1.19	1.15	1.07	1.10	1.10			4.39		# of strides	4.54	3.27		
	velocity	4.55	8.40	8.70	9.35	9.09	9.09				9.11	8.13		6.61	9.17		

2003 USATF National Championship (Palo Alto, CA)

FINAL

date 20-Jun-03 wind -1.1 m/s

USATF Women's Sprint Development (2003)

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
White, Kelli (USA) (1977)	time	2.04	3.12	4.15	5.09	6.09	7.03	7.98	8.93	9.93	10.93	10.93	5 / 4				
	reaction time		interval	1.08	1.03	0.94	1.00	0.94	0.95	1.00	1.00	DV	# of strides	4.15	2.88	2.90	
	velocity	4.90	9.26	9.71	10.64	10.00	10.64	10.53	10.53	10.00	10.00	9.15		7.23	10.42	10.34	
Edwards, Torri (USA) (1977)	time	2.09	3.15	4.19	5.17	6.16	7.11	8.09	9.09	10.11	11.13	11.13	4 / 2 1				
	reaction time		interval	1.06	1.04	0.98	0.99	0.95	0.98	1.00	1.02	1.02	# of strides	4.19	2.92	3.00	
	velocity	4.78	9.43	9.62	10.20	10.10	10.53	10.20	10.00	9.80	9.80	8.98		7.16	10.27	10.00	
Devers, Gail (USA) (1966)	time	2.10	3.17	4.19	5.19	6.16	7.14	8.11	9.11	10.14	11.16	11.16	6 / 3 2				
	reaction time		interval	1.07	1.02	1.00	0.97	0.98	0.97	1.00	1.03	1.02	# of strides	4.19	2.95	3.00	
	velocity	4.76	9.35	9.80	10.00	10.31	10.20	10.31	10.00	9.71	9.80	8.96		7.16	10.17	10.00	
Miller, Inger (USA) (1972)	time	2.09	3.24	4.27	5.25	6.24	7.21	8.16	9.16	10.19	11.17	11.17	7 / 4 3				
	reaction time		interval	1.15	1.03	0.98	0.99	0.97	0.95	1.00	1.03	0.98	# of strides	4.27	2.94	2.98	
	velocity	4.78	8.70	9.71	10.20	10.10	10.31	10.53	10.00	9.71	10.20	8.95		7.03	10.20	10.07	
Gaines, Chryste (USA) (1970)	time	2.07	3.27	4.25	5.22	6.21	7.17	8.18	9.17	10.19	11.21	11.21	1 / 5				
	reaction time		interval	1.20	0.98	0.97	0.99	0.96	1.01	0.99	1.02	1.02	DV	# of strides	4.25	2.92	3.02
	velocity	4.83	8.33	10.20	10.31	10.10	10.42	9.90	10.10	9.80	9.80	8.92		7.06	10.27	9.93	
Williams, Angela (USA) (1980)	time	2.04	3.14	4.19	5.17	6.16	7.14	8.14	9.14	10.21	11.23	11.23	3 / 6 4				
	reaction time		interval	1.10	1.05	0.98	0.99	0.98	1.00	1.00	1.07	1.02	# of strides	4.19	2.95	3.07	
	velocity	4.90	9.09	9.52	10.20	10.10	10.20	10.00	10.00	9.35	9.80	8.90		7.16	10.17	9.77	
Williams, Lauryn (USA) (1983)	time	2.17	3.29	4.35	5.35	6.34	7.31	8.30	9.31	10.33	11.34	11.34	2 / 7 5				
	reaction time		interval	1.12	1.06	1.00	0.99	0.97	0.99	1.01	1.02	1.01	# of strides	4.35	2.96	3.02	
	velocity	4.61	8.93	9.43	10.00	10.10	10.31	10.10	9.90	9.80	9.90	8.82		6.90	10.14	9.93	
Daigle, Angela (USA) (1976)	time	2.07	3.23	4.24	5.25	6.25	7.26	8.26	9.30	10.33	11.39	11.39	8 / 8 6				
	reaction time		interval	1.16	1.01	1.01	1.00	1.01	1.00	1.04	1.03	1.06	# of strides	4.24	3.02	3.07	

velocity	4.83	8.62	9.90	9.90	10.00	9.90	10.00	9.62	9.71	9.43	8.78	7.08	9.93	9.77
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2002 European Championships (Munich, GER)**FINAL**

date 07-Aug-02 wind -0.7 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
Thánou, Ekateríni (GRE) (1975)	time		3.20	4.22	5.21		7.15		9.11		11.10	11.10	/ 1			
	reaction time	0.131		1.02	0.99		1.94		1.96		1.99		# of strides	4.22	2.93	
	velocity		6.25	9.80	10.10		10.31		10.20		10.05	9.01	52.5	7.11	10.24	
Gevaert, Kim (BEL) (1978)	time		3.15	4.19	5.19		7.17		9.18		11.23	11.22	/ 2			
	reaction time	0.139		1.04	1.00		1.98		2.01		2.05		# of strides	4.19	2.98	
	velocity		6.35	9.62	10.00		10.10		9.95		9.76	8.91	47.8	7.16	10.07	
Levorato, Manuela (ITA) (1977)	time		3.23	4.26	5.26		7.22		9.22		11.23	11.23	/ 3			
	reaction time	0.153		1.03	1.00		1.96		2.00		2.01		# of strides	4.26	2.96	
	velocity		6.19	9.71	10.00		10.20		10.00		9.95	8.90	46.3	7.04	10.14	
Alozie, Glory (ESP) (1977)	time		3.21	4.26	5.28		7.26		9.26		11.32	11.32	/ 4			
	reaction time	0.150		1.05	1.02		1.98		2.00		2.06		# of strides	4.26	3.00	
	velocity		6.23	9.52	9.80		10.10		10.00		9.71	8.83		7.04	10.00	
Paschke, Melanie (GER) (1970)	time		3.21	4.26	5.28		7.28		9.29		11.37	11.37	/ 5			
	reaction time	0.137		1.05	1.02		2.00		2.01		2.08		# of strides	4.26	3.02	
	velocity		6.23	9.52	9.80		10.00		9.95		9.62	8.80	53.1	7.04	9.93	
Oyepitan, Abi (GBR) (1979)	time		3.26	4.31	5.33		7.34		9.36		11.41	11.41	/ 6			
	reaction time	0.141		1.05	1.02		2.01		2.02		2.05		# of strides	4.31	3.03	
	velocity		6.13	9.52	9.80		9.95		9.90		9.76	8.76		6.96	9.90	
Sidibé, Odiah (FRA) (1970)	time		3.28	4.35	5.38		7.41		9.47		11.57	11.57	/ 7			
	reaction time	0.162		1.07	1.03		2.03		2.06		2.10		# of strides	4.35	3.06	
	velocity		6.10	9.35	9.71		9.85		9.71		9.52	8.64		6.90	9.80	
Bikar, Alenka (SLO) (1974)	time		3.28	4.36	5.40		7.42		9.49		11.63	11.63	/ 8			
	reaction time	0.141		1.08	1.04		2.02		2.07		2.14		# of strides	4.36	3.06	
	velocity		6.10	9.26	9.62		9.90		9.66		9.35	8.60		6.88	9.80	

Semi-Final 2

date 07-Aug-02 wind 0.3 m/s

Graubner (2009) - <http://www.fgs.uni-halle.de>

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Thánou, Ekateríni (GRE) (1975)	time		3.18	4.20	5.18		7.10		9.05		11.05	11.05	/ 1			
	reaction time	0.144		1.02	0.98		1.92		1.95		2.00		# of strides	4.20	2.90	
	velocity		6.29	9.80	10.20		10.42		10.26		10.00	9.05	52.4	7.14	10.34	
Levorato, Manuela (ITA) (1977)	time		3.19	4.22	5.22		7.20		9.21		11.26	11.26	/ 2			
	reaction time	0.144		1.03	1.00		1.98		2.01		2.05		# of strides	4.22	2.98	
	velocity		6.27	9.71	10.00		10.10		9.95		9.76	8.88		7.11	10.07	
Paschke, Melanie (GER) (1970)	time		3.20	4.25	5.27		7.26		9.27		11.35	11.35	/ 3			
	reaction time	0.148		1.05	1.02		1.99		2.01		2.08		# of strides	4.25	3.01	
	velocity		6.25	9.52	9.80		10.05		9.95		9.62	8.81		7.06	9.97	
Sidibé, Odiah (FRA) (1970)	time		3.25	4.30	5.31		7.32		9.34		11.42	11.42	/ 4			
	reaction time	0.181		1.05	1.01		2.01		2.02		2.08		# of strides	4.30	3.02	
	velocity		6.15	9.52	9.90		9.95		9.90		9.62	8.76		6.98	9.93	
Bartsevich, Yuliya (BLR) (1979)	time		3.19	4.24	5.25		7.26		9.30		11.44	11.44	/ 5			
	reaction time	0.122		1.05	1.01		2.01		2.04		2.14		# of strides	4.24	3.02	
	velocity		6.27	9.52	9.90		9.95		9.80		9.35	8.74		7.08	9.93	
Visockaité Agné (LTU) (1978)	time		3.18	4.23	5.25		7.26		9.31		11.44	11.44	/ 6			
	reaction time	0.115		1.05	1.02		2.01		2.05		2.13		# of strides	4.23	3.03	
	velocity		6.29	9.52	9.80		9.95		9.76		9.39	8.74		7.09	9.90	
Mayr-Krifka, Karin (AUT) (1971)	time		3.21	4.26	5.28		7.29		9.35		11.52	11.52	/ 7			
	reaction time	0.136		1.05	1.02		2.01		2.06		2.17		# of strides	4.26	3.03	
	velocity		6.23	9.52	9.80		9.95		9.71		9.22	8.68		7.04	9.90	
Pastushenko, Olena (UKR) (1979)	time		3.17	4.22	5.24		7.27		9.36		11.54	11.54	/ 8			
	reaction time	0.115		1.05	1.02		2.03		2.09		2.18		# of strides	4.22	3.05	
	velocity		6.31	9.52	9.80		9.85		9.57		9.17	8.67		7.11	9.84	

Semi-Final 1

date 07-Aug-02 wind 0.0 m/s

Graubner (2009) - <http://www.fgs.uni-halle.de>

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gevaert, Kim (BEL) (1978)	time		3.15	4.19	5.19		7.17		9.17		11.27	11.27	/ 1			
	reaction time	0.138		1.04	1.00		1.98		2.00		2.10		# of strides	4.19	2.98	

	velocity	6.35	9.62	10.00	10.10	10.00	9.52	8.87	7.16	10.07		
Alozie, Glory (ESP) (1977)	time	3.19	4.25	5.27	7.24	9.23	11.32	11.32	/ 2			
	reaction time 0.142	interval	1.06	1.02	1.97	1.99	2.09	2.09	# of strides	4.25	2.99	
	velocity	6.27	9.43	9.80	10.15	10.05	9.57	8.83		7.06	10.03	
Oyepitan, Abi (GBR) (1979)	time	3.21	4.25	5.26	7.23	9.24	11.33	11.33	/ 3			
	reaction time 0.117	interval	1.04	1.01	1.97	2.01	2.09	2.09	# of strides	4.25	2.98	
	velocity	6.23	9.62	9.90	10.15	9.95	9.57	8.83		7.06	10.07	
Bikar, Alenka (SLO) (1974)	time	3.13	4.18	5.20	7.20	9.23	11.37	11.37	/ 4			
	reaction time 0.162	interval	1.05	1.02	2.00	2.03	2.14	2.14	# of strides	4.18	3.02	
	velocity	6.39	9.52	9.80	10.00	9.85	9.35	8.80		7.18	9.93	
Koklóni, Yeoryia (GRE) (1981)	time	3.17	4.22	5.23	7.25	9.30	11.44	11.44	/ 5			
	reaction time 0.147	interval	1.05	1.01	2.02	2.05	2.14	2.14	# of strides	4.22	3.03	
	velocity	6.31	9.52	9.90	9.90	9.76	9.35	8.74		7.11	9.90	
Schielke, Sina (GER) (1981)	time	3.23	4.28	5.30	7.30	9.35	11.48	11.48	/ 6			
	reaction time 0.149	interval	1.05	1.02	2.00	2.05	2.13	2.13	# of strides	4.28	3.02	
	velocity	6.19	9.52	9.80	10.00	9.76	9.39	8.71		7.01	9.93	
Kislova, Marina (RUS) (1978)	time	3.18	4.24	5.26	7.27	9.33	11.49	11.49	/ 7			
	reaction time 0.116	interval	1.06	1.02	2.01	2.06	2.16	2.16	# of strides	4.24	3.03	
	velocity	6.29	9.43	9.80	9.95	9.71	9.26	8.70		7.08	9.90	
Combe, Delphine (FRA) (1974)	time	3.28	4.35	5.38	7.41	9.49	11.65	11.65	/ 8			
	reaction time 0.164	interval	1.07	1.03	2.03	2.08	2.16	2.16	# of strides	4.35	3.06	
	velocity	6.10	9.35	9.71	9.85	9.62	9.26	8.58		6.90	9.80	

Heat 4

date 06-Aug-02		wind 0.3 m/s										Graubner (2009) - http://www.fgs.uni-halle.de				
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Thánou, Ekateríni (GRE) (1975)	time		3.17	4.19	5.17	7.11	9.05	11.07	11.07	/ 1						
	reaction time 0.137		interval	1.02	0.98	1.94	1.94	2.02	2.02	# of strides	4.19	2.92				
	velocity	6.31	9.80	10.20	10.31	10.31	9.90	9.03	7.16	10.27						
Oyepitan, Abi (GBR) (1979)	time		3.23	4.28	5.30	7.29	9.31	11.40	11.40	/ 2						
	reaction time 0.152		interval	1.05	1.02	1.99	2.02	2.09	2.09	# of strides	4.28	3.01				
	velocity	6.19	9.52	9.80	10.05	9.90	9.57	8.77	7.01	9.97						
Combe, Delphine (FRA) (1974)	time		3.25	4.31	5.34	7.34	9.37	11.45	11.45	/ 3						
	reaction time 0.154		interval	1.06	1.03	2.00	2.03	2.08	2.08	# of strides	4.31	3.03				
	velocity	6.15	9.43	9.71	10.00	9.85	9.62	8.73	6.96	9.90						

Heat 3

date 06-Aug-02		wind 0.0 m/s										Graubner (2009) - http://www.fgs.uni-halle.de				
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gevaert, Kim (BEL) (1978)	time		3.14	4.17	5.17	7.13	9.13	11.19	11.19	/ 1						
	reaction time 0.140		interval	1.03	1.00	1.96	2.00	2.06	2.06	# of strides	4.17	2.96				
	velocity	6.37	9.71	10.00	10.20	10.00	9.71	8.94	7.19	10.14						
Mayr-Krifka, Karin (AUT) (1971)	time		3.16	4.20	5.21	7.19	9.23	11.35	11.35	/ 2						
	reaction time 0.124		interval	1.04	1.01	1.98	2.04	2.12	2.12	# of strides	4.20	2.99				
	velocity	6.33	9.62	9.90	10.10	9.80	9.43	8.81	7.14	10.03						
Paschke, Melanie (GER) (1970)	time		3.17	4.22	5.24	7.25	9.27	11.36	11.36	/ 3						
	reaction time 0.127		interval	1.05	1.02	2.01	2.02	2.09	2.09	# of strides	4.22	3.03				
	velocity	6.31	9.52	9.80	9.95	9.90	9.57	8.80	7.11	9.90						

Heat 2

date 06-Aug-02		wind 0.7 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
Levorato, Manuela (ITA) (1977)	time		3.21	4.26	5.27	7.27	9.31	11.46	11.46	/ 1						
	reaction time 0.150		interval	1.05	1.01	2.00	2.04	2.15	2.15	# of strides	4.26	3.01				
	velocity	6.23	9.52	9.90	10.00	9.80	9.30	8.73	7.04	9.97						
Koklóni, Yeoryia (GRE) (1981)	time		3.21	4.26	5.28	7.30	9.37	11.51	11.51	/ 2						
	reaction time 0.154		interval	1.05	1.02	2.02	2.07	2.14	2.14	# of strides	4.26	3.04				
	velocity	6.23	9.52	9.80	9.90	9.66	9.35	8.69	7.04	9.87						
Schielke, Sina (GER) (1981)	time		3.22	4.28	5.30	7.32	9.38	11.53	11.53	/ 3						
	reaction time 0.140		interval	1.06	1.02	2.02	2.06	2.15	2.15	# of strides	4.28	3.04				
	velocity	6.21	9.43	9.80	9.90	9.71	9.30	8.67	7.01	9.87						

Heat 1

date 06-Aug-02		wind 0.1 m/s										Graubner (2009) - http://www.fgs.uni-halle.de				
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Alozie, Glory (ESP) (1977)	time		3.22	4.27	5.29	7.28	9.30	11.42	11.42	/ 1						

reaction time	0.155	interval		1.05	1.02	1.99	2.02	2.12		# of strides	4.27	3.01
		velocity		6.21	9.52	9.80	10.05	9.90	9.43	8.76	7.03	9.97
Bartsevich, Yuliya (BLR) (1979)	time		3.17	4.21	5.22	7.22	9.28	11.42	11.42	/ 2		
reaction time	0.143	interval		1.04	1.01	2.00	2.06	2.14		# of strides	4.21	3.01
		velocity		6.31	9.62	9.90	10.00	9.71	9.35	8.76	7.13	9.97
Kislova, Marina (RUS) (1978)	time		3.18	4.23	5.24	7.25	9.30	11.45	11.45	/ 3		
reaction time	0.113	interval		1.05	1.01	2.01	2.05	2.15		# of strides	4.23	3.02
		velocity		6.29	9.52	9.90	9.95	9.76	9.30	8.73	7.09	9.93
Wagner, Marion (GER) (1978)	time		3.25	4.30	5.31	7.32	9.37	11.53	11.53	/ 5		
reaction time	0.150	interval		1.05	1.01	2.01	2.05	2.16		# of strides	4.30	3.02
		velocity		6.15	9.52	9.90	9.95	9.76	9.26	8.67	6.98	9.93

2001 ISTAF (Berlin, GER)

FINAL

date		31-Aug-01		wind		0.5 m/s												Graubner (2009) - http://www.fgs.uni-halle.de		
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
Mani, Myriam (CMR) (1977)	time		3.14	4.16	5.15	7.10	9.09	11.13	11.13	/ 1										
reaction time	0.143	interval		1.02	0.99	1.95	1.99	2.04		# of strides	4.16	2.94								
		velocity		6.37	9.80	10.10	10.26	10.05	9.80	8.98	7.21	10.20								
Nku, Mercy (NGR) (1976)	time		3.17	4.20	5.20	7.14	9.12	11.16	11.16	/ 2										
reaction time	0.159	interval		1.03	1.00	1.94	1.98	2.04		# of strides	4.20	2.94								
		velocity		6.31	9.71	10.00	10.31	10.10	9.80	8.96	7.14	10.20								
White, Kelli (USA) (1977)	time		3.19	4.22	5.21	7.19	9.19	11.25	11.25	/ 3										
reaction time	0.153	interval		1.03	0.99	1.98	2.00	2.06	DV	# of strides	4.22	2.97								
		velocity		6.27	9.71	10.10	10.10	10.00	9.71	8.89	7.11	10.10								
Ojokolo, Endurance (NGR) (1975)	time		3.22	4.24	5.22	7.18	9.19	11.26	11.26	/ 4 3										
reaction time	0.161	interval		1.02	0.98	1.96	2.01	2.07		# of strides	4.24	2.94								
		velocity		6.21	9.80	10.20	10.20	9.95	9.66	8.88	7.08	10.20								
Onyali-Omagembi, Mary (NGR) (1976)	time		3.20	4.25	5.26	7.28	9.32	11.41	11.41	/ 5 4										
reaction time	0.159	interval		1.05	1.01	2.02	2.04	2.09		# of strides	4.25	3.03								
		velocity		6.25	9.52	9.90	9.90	9.80	9.57	8.76	7.06	9.90								
Paschke, Melanie (GER) (1970)	time		3.25	4.30	5.32	7.32	9.34	11.41	11.41	/ 6 5										
reaction time	0.173	interval		1.05	1.02	2.00	2.02	2.07		# of strides	4.30	3.02								
		velocity		6.15	9.52	9.80	10.00	9.90	9.66	8.76	6.98	9.93								
Rockmeier, Gabi (GER) (1973)	time		3.29	4.34	5.36	7.38	9.39	11.45	11.45	/ 7 6										
reaction time	0.125	interval		1.05	1.02	2.02	2.01	2.06		# of strides	4.34	3.04								
		velocity		6.08	9.52	9.80	9.90	9.95	9.71	8.73	6.91	9.87								
Tabakova, Yuliya (RUS) (1980)	time		3.28	4.33	5.34	7.33	9.36	11.46	11.46	/ 8 7										
reaction time	0.169	interval		1.05	1.01	1.99	2.03	2.10		# of strides	4.33	3.00								
		velocity		6.10	9.52	9.90	10.05	9.85	9.52	8.73	6.93	10.00								

2001 IAAF World Championships (Edmonton, CAN)

FINAL

date		06-Aug-01		wind		-0.2 m/s												Veney - split times from PJ		
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
Block, Zhanna (UKR) (1972)	time		1.95	3.04	4.08	5.06	6.00	6.95	7.91	8.86	9.83	10.82	10.82	4 / 1						
reaction time	0.123	interval		1.09	1.04	0.98	0.94	0.95	0.96	0.95	0.97	NR	# of strides	4.08	2.87	2.88				
		velocity		5.13	9.17	9.62	10.20	10.64	10.53	10.42	10.53	10.31	10.10	9.24	49.0	7.35	10.45	10.42		
Jones, Marion (USA) (1975)	time		1.97	3.07	4.12	5.12	6.07	7.02	7.97	8.82	9.88	10.85	10.85	3 / 2						
reaction time	0.146	interval		1.10	1.05	1.00	0.95	0.95	0.95	0.85	1.06	0.97	DV	# of strides	4.12	2.90	2.86			
		velocity		5.08	9.09	9.52	10.00	10.53	10.53	11.76	9.43	10.31	9.22	48.7	7.28	10.34	10.49			
Thánou, Ekaterini (GRE) (1975)	0.154	no information available										10.91	5 / 3 2	# of strides	52.0					
Sturup, Chandra (BAH) (1971)	0.154	no information available										11.02	6 / 4 3	# of strides	51.5					
Ganes, Chryste (USA) (1970)	0.141	no information available										11.06	1 / 5 4	# of strides	49.2					
Ferguson, Debbie (BAH) (1976)	0.189	no information available										11.13	8 / 6 5	# of strides	49.7					
White, Kelli (USA) (1977)	0.151	no information available										DV	11.15	7 / 7	# of strides	50.0				
Nku, Mercy (NGR) (1976)	0.142	no information available										11.17	2 / 8 6	# of strides	51.7					

2001 German National Championships (Stuttgart, GER)

FINAL

date		30-Jul-01		wind		0.7 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				
Rockmeier, Gabi (GER) (1973)	time		3.21	4.24	5.24	7.18	9.15	11.17	11.17	/ 1										
reaction time	0.139	interval		1.03	1.00	1.94	1.97	2.02	PB	# of strides	4.24	2.94								
		velocity		6.23	9.71	10.00	10.31	10.15	9.90	8.95	7.08	10.20								

2001 European Cup (Bremen, GER)

FINAL

date 23-Jun-01

wind 2.8 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
Kislova, Marina (RUS) (1978)	time	3.19	4.23	5.23			7.20		9.18		11.23	11.23	/ 1			
	reaction time 0.133			1.04	1.00		1.97		1.98		2.05		# of strides	4.23	2.97	
	velocity	6.27	9.62	10.00			10.15		10.10		9.76	8.90		7.09	10.10	
Safronnikova, Natalia (BLR) (197)	time	3.34	4.37	5.36			7.29		9.23		11.26	11.26	/ 2			
	reaction time 0.247			1.03	0.99		1.93		1.94		2.03		# of strides	4.37	2.92	
	velocity	5.99	9.71	10.10			10.36		10.31		9.85	8.88		6.86	10.27	
Benth, Katia (FRA) (1975)	time	3.26	4.31	5.32			7.29		9.29		11.38	11.38	/ 3			
	reaction time 0.134			1.05	1.01		1.97		2.00		2.09		# of strides	4.31	2.98	
	velocity	6.13	9.52	9.90			10.15		10.00		9.57	8.79		6.96	10.07	
Rockmeier, Gabi (GER) (1973)	time	3.30	4.35	5.37			7.35		9.33		11.38	11.38	/ 4			
	reaction time 0.125			1.05	1.02		1.98		1.98		2.05		# of strides	4.35	3.00	
	velocity	6.06	9.52	9.80			10.10		10.10		9.76	8.79		6.90	10.00	
Maduaka, Joice (GBR) (1973)	time	3.25	4.29	5.30			7.30		9.33		11.45	11.45	/ 5			
	reaction time 0.173			1.04	1.01		2.00		2.03		2.12		# of strides	4.29	3.01	
	velocity	6.15	9.62	9.90			10.00		9.85		9.43	8.73		6.99	9.97	
Levorato, Manuela (ITA) (1977)	time	3.37	4.42	5.43			7.41		9.40		11.43	11.47	/ 6			
	reaction time 0.205			1.05	1.01		1.98		1.99		2.03		# of strides	4.42	2.99	
	velocity	5.93	9.52	9.90			10.10		10.05		9.85	8.72		6.79	10.03	
Andrysková, Pavla (CZE) (1978)	time	3.34	4.42	5.46			7.50		9.57		11.73	11.73	/ 7			
	reaction time 0.178			1.08	1.04		2.04		2.07		2.16		# of strides	4.42	3.08	
	velocity	5.99	9.26	9.62			9.80		9.66		9.26	8.53		6.79	9.74	
Lisenco, Evelina (ROU) (1975)	time	3.38	4.46	5.50			7.56		9.65		11.83	11.83	/ 8			
	reaction time 0.218			1.08	1.04		2.06		2.09		2.18		# of strides	4.46	3.10	
	velocity	5.92	9.26	9.62			9.71		9.57		9.17	8.45		6.73	9.68	

B FINAL

date 23-Jun-01

wind 1.8 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
Wagner, Marion (GER) (1978)	time	3.31	4.37	5.40			7.40		9.39		11.43	11.43	/ 1			
	reaction time 0.234			1.06	1.03		2.00		1.99		2.04		# of strides	4.37	3.03	
	velocity	6.04	9.43	9.71			10.00		10.05		9.80	8.75		6.86	9.90	
Richardson, Marcia (GBR) (1972)	time	3.24	4.31	5.34			7.36		9.40		11.46	11.46	/ 2			
	reaction time 0.139			1.07	1.03		2.02		2.04		2.06		# of strides	4.31	3.05	
	velocity	6.17	9.35	9.71			9.90		9.80		9.71	8.73		6.96	9.84	
Bartsevich, Yuliya (BLR) (1979)	time	3.44	4.51	5.55			7.61		9.72		11.46	11.46	/ 3			
	reaction time 0.294			1.07	1.04		2.06		2.11		1.74	PB	# of strides	4.51	3.10	
	velocity	5.81	9.35	9.62			9.71		9.48		11.49	8.73		6.65	9.68	
Ignatova, Natalya (RUS) (1973)	time	3.38	4.43	5.44			7.44		9.49		11.65	11.65	/ 4			
	reaction time 0.307			1.05	1.01		2.00		2.05		2.16		# of strides	4.43	3.01	
	velocity	5.92	9.52	9.90			10.00		9.76		9.26	8.58		6.77	9.97	
Anderson, Shani (GBR) (1975)	time	3.30	4.37	5.41			7.42		9.42		11.69	11.69	/ 5			
	reaction time 0.117			1.07	1.04		2.01		2.00		2.27		# of strides	4.37	3.05	
	velocity	6.06	9.35	9.62			9.95		10.00		8.81	8.55		6.86	9.84	
Sidibé, Odiah (FRA) (1970)	time	3.32	4.41	5.46			7.52		9.58		11.71	11.71	/ 6			
	reaction time 0.119			1.09	1.05		2.06		2.06		2.13		# of strides	4.41	3.11	
	velocity	6.02	9.17	9.52			9.71		9.71		9.39	8.54		6.80	9.65	
Combe, Delphine (FRA) (1974)	time	3.37	4.46	5.51			7.58		9.66		11.79	11.79	/ 7			
	reaction time 0.124			1.09	1.05		2.07		2.08		2.13		# of strides	4.46	3.12	
	velocity	5.93	9.17	9.52			9.66		9.62		9.39	8.48		6.73	9.62	
Cola, Francesca (ITA) (1973)	time	3.35	4.45	5.51			7.58		9.66		11.80	11.80	/ 8			
	reaction time 0.164			1.10	1.06		2.07		2.08		2.14		# of strides	4.45	3.13	
	velocity	5.97	9.09	9.43			9.66		9.62		9.35	8.47		6.74	9.58	

C FINAL

date 23-Jun-01

wind -0.2 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
Bangué, Frédérique (FRA) (1976)	time	3.22	4.27	5.29			7.28		9.34		11.44	11.44	/ 1			
	reaction time 0.126			1.05	1.02		1.99		2.06		2.10		# of strides	4.27	3.01	
	velocity	6.21	9.52	9.80			10.05		9.71		9.52	8.74		7.03	9.97	

Paschke, Melanie (GER) (1970)	time	3.24	4.30	5.33	7.36	9.39	11.48	11.48	/ 2			
reaction time	0.140	interval	1.06	1.03	2.03	2.03	2.09		# of strides	4.30	3.06	
		velocity	6.17	9.43	9.71	9.85	9.85	9.57	8.71		6.98	9.80
Khabarova, Irina (RUS) (1966)	time	3.28	4.33	5.34	7.35	9.40	11.51	11.51	/ 3			
reaction time	0.143	interval	1.05	1.01	2.01	2.05	2.11		# of strides	4.33	3.02	
		velocity	6.10	9.52	9.90	9.95	9.76	9.48	8.69		6.93	9.93
Salahub, Natallia (BLR) (1975)	time	3.29	4.36	5.40	7.46	9.58	11.75	11.75	/ 4			
reaction time	0.147	interval	1.07	1.04	2.06	2.12	2.17		# of strides	4.36	3.10	
		velocity	6.08	9.35	9.62	9.71	9.43	9.22	8.51		6.88	9.68
Avramenka, Natallia (BLR) (1975)	time	3.30	4.37	5.40	7.45	9.55	11.76	11.76	/ 5			
reaction time	0.137	interval	1.07	1.03	2.05	2.10	2.21		# of strides	4.37	3.08	
		velocity	6.06	9.35	9.71	9.76	9.52	9.05	8.50		6.86	9.74
Davies, Samantha (GBR) (1979)	time	3.31	4.39	5.44	7.52	9.62	11.77	11.77	/ 6			
reaction time	0.173	interval	1.08	1.05	2.08	2.10	2.15		# of strides	4.39	3.13	
		velocity	6.04	9.26	9.52	9.62	9.52	9.30	8.50		6.83	9.58
Philipp, Andrea (GER) (1971)	time	3.31	4.42	5.50	7.62	9.79	11.98	11.98	/ 7			
reaction time	0.127	interval	1.11	1.08	2.12	2.17	2.19		# of strides	4.42	3.20	
		velocity	6.04	9.01	9.26	9.43	9.22	9.13	8.35		6.79	9.38
Stankevich, Yekaterina (BLR) (1975)	time	3.40	4.50	5.56	7.65	9.81	12.04	12.04	/ 8			
reaction time	0.292	interval	1.10	1.06	2.09	2.16	2.23		# of strides	4.50	3.15	
		velocity	5.88	9.09	9.43	9.57	9.26	8.97	8.31		6.67	9.52

2000 Olympic Games (Sydney, AUS)

FINAL

date 24-Sep-00 wind -0.4 m/s

Veney - Sydney 100m women's splits

		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	1.83		3.93		5.96	6.90	7.85		9.76	10.75	10.87	5 / 4			
reaction time	0.189	interval		2.10		2.03	0.94	0.95		1.91	0.99	DV	# of strides	3.93	2.97	2.86
		velocity	5.46		9.52		9.85	10.64	10.53	10.47	10.10	9.20		7.63	10.10	10.49
Thánou, Ekaterini (GRE) (1975)	time		4.05		6.12	7.15	8.14		10.09	11.12	11.12	11.12	4 / 2			
reaction time	0.206	interval			2.07	1.03	0.99		1.95	1.03			# of strides	4.05	3.10	2.94
		velocity		7.41		9.66	9.71	10.10	10.26	9.71	8.99	8.99		7.41	9.68	10.20
Lawrence, Tayna (JAM) (1975)	time		3.97		6.08	7.12	8.15		10.15	11.18	11.18	11.18	1 / 3			
reaction time	0.163	interval			2.11	1.04	1.03		2.00	1.03			# of strides	3.97	3.15	3.03
		velocity		7.56		9.48	9.62	9.71	10.00	9.71	8.94	8.94		7.56	9.52	9.90
Ottey, Merlene (JAM) (1960)	time		3.99		6.10	7.14	8.15		10.16	11.19	11.19	11.19	3 / 4			
reaction time	0.179	interval			2.11	1.04	1.01		2.01	1.03			# of strides	3.99	3.15	3.02
		velocity		7.52		9.48	9.62	9.90	9.95	9.71	8.94	8.94		7.52	9.52	9.93
Block, Zhanna (UKR) (1972)	time		4.09		6.20	7.23	8.21		10.11	11.20	11.20	11.20	7 / 5			
reaction time	0.223	interval			2.11	1.03	0.98		1.90	1.09			# of strides	4.09	3.14	2.88
		velocity		7.33		9.48	9.71	10.20	10.53	9.17	8.93	8.93		7.33	9.55	10.42
Sturup, Chandra (BAH) (1971)	time		4.04		6.11	7.15	8.17		10.14	11.21	11.21	11.21	6 / 6			
reaction time	0.193	interval			2.07	1.04	1.02		1.97	1.07			# of strides	4.04	3.11	2.99
		velocity		7.43		9.66	9.62	9.80	10.15	9.35	8.92	8.92		7.43	9.65	10.03
Fynes, Savatheda (BAH) (1974)	time		4.05		6.19	7.23	8.17		10.14	11.22	11.22	11.22	8 / 7			
reaction time	0.253	interval			2.14	1.04	0.94		1.97	1.08			# of strides	4.05	3.18	2.91
		velocity		7.41		9.35	9.62	10.64	10.15	9.26	8.91	8.91		7.41	9.43	10.31
Ferguson, Debbie (BAH) (1976)	time		4.03		6.17	7.20	8.21		10.18	11.29	11.29	11.29	2 / 8			
reaction time	0.238	interval			2.14	1.03	1.01		1.97	1.11			# of strides	4.03	3.17	2.98
		velocity		7.44		9.35	9.71	9.90	10.15	9.01	8.86	8.86		7.44	9.46	10.07

2000 ISTAF (Berlin, GER)

FINAL

date 01-Sep-00 wind 0.1 m/s

Graubner (2009) - <http://www.fgs.uni-halle.de>

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jones, Marion (USA) (1975)	time	3.05	4.05	5.02	5.96	6.90	7.85		8.80	9.76	10.78	10.78	/ 4			
reaction time	0.152	interval	1.00	0.97	0.94	0.94		1.90		1.98	DV		# of strides	4.05	2.85	
		velocity	6.56	10.00	10.31	10.64	10.64		10.53	10.10	9.28	9.28		48.7	7.41	10.53
Fynes, Savatheda (BAH) (1974)	time	3.06	4.07	5.05	6.08	7.15	8.21		9.26	10.33	11.03	11.03	/ 2			
reaction time	0.170	interval		1.01	0.98	1.03	1.06		1.99	1.07			# of strides	4.07	2.91	
		velocity	6.54	9.90	10.20	10.36	10.36		10.15	9.88	9.07	9.07		7.37	10.31	

	velocity	5.29	9.01	9.90	10.53	10.75	10.53	10.53	10.53	10.20	10.00	9.23		7.48	10.60	10.42
Tamopolskaya-Pintusevich, Zhan	time	1.83	2.94	3.96	4.94	5.90	6.86	7.82	8.79	9.78	10.82	10.95	1 / 4			
	reaction time	0.135	1.11	1.02	0.98	0.96	0.96	0.96	0.97	0.99	1.04		# of strides	3.96	2.90	2.92
	velocity	5.46	9.01	9.80	10.20	10.42	10.42	10.42	10.31	10.10	9.62	9.13		7.58	10.34	10.27
Devers, Gail (USA) (1966)	time	1.84	2.94	3.94	4.93	5.87	6.84	7.82	8.79	9.79	10.83	10.95	6 / 5			
	reaction time	0.125	1.10	1.00	0.99	0.94	0.97	0.98	0.97	1.00	1.04		# of strides	3.94	2.90	2.95
	velocity	5.43	9.09	10.00	10.10	10.64	10.31	10.20	10.31	10.00	9.62	9.13		7.61	10.34	10.17
Arron, Christine (FRA) (1973)	time	1.84	2.96	3.95	4.93	5.89	6.84	7.80	8.78	9.79	10.81	10.97	2 / 6			
	reaction time	0.162	1.12	0.99	0.98	0.96	0.95	0.96	0.98	1.01	1.02		# of strides	3.95	2.89	2.95
	velocity	5.43	8.93	10.10	10.20	10.42	10.53	10.42	10.20	9.90	9.80	9.12		7.59	10.38	10.17
Sturup, Chandra (BAH) (1971)	time	1.86	2.99	4.00	5.00	5.98	6.94	7.92	8.91	9.91	10.93	11.06	7 / 7			
	reaction time	0.134	1.13	1.01	1.00	0.98	0.96	0.98	0.99	1.00	1.02		# of strides	4.00	2.94	2.97
	velocity	5.38	8.85	9.90	10.00	10.20	10.42	10.20	10.10	10.00	9.80	9.04		7.50	10.20	10.10
Nku, Mercy (NGR) (1976)	time	1.85	2.96	3.99	4.99	5.96	6.93	7.93	8.94	9.96	11.01	11.16	8 / 8			
	reaction time	0.152	1.11	1.03	1.00	0.97	0.97	1.00	1.01	1.02	1.05		# of strides	3.99	2.94	3.03
	velocity	5.41	9.01	9.71	10.00	10.31	10.31	10.00	9.90	9.80	9.52	8.96		7.52	10.20	9.90

1999 NCAA Indoor Championships (Indianapolis, IN)

FINAL

		date 06-Mar-99												Winckler (2008) - running parameters		
		10m	20m	30m	40m	50m	60m	Official Time	Lane / Place	0-30m	30-60m	60-90m				
Ferguson, Debbie (BAH) (1976)	time			4.22			7.24	7.24	6 / 1							
	reaction time						3.02	PB	# of strides	4.22	3.02					
	velocity			7.11			9.93	8.29	31.5	7.11	9.93					
Backus, LaKeisha (USA) (1976)	time			4.23			7.31	7.31	3 / 2							
	reaction time						3.08		# of strides	4.23	3.08					
	velocity			7.09			9.74	8.21	35	7.09	9.74					
Lawrence, Tayna (JAM) (1975)	time			4.27			7.31	7.31	5 / 3							
	reaction time						3.04		# of strides	4.27	3.04					
	velocity			7.03			9.87	8.21		7.03	9.87					
Perry, Nanceen (USA) (1977)	time			4.28			7.38	7.38	1 / 4							
	reaction time						3.10		# of strides	4.28	3.10					
	velocity			7.01			9.68	8.13	32.5	7.01	9.68					
White, Kelli (USA) (1977)	time			4.28			7.42	7.42	2 / 5							
	reaction time						3.14		# of strides	4.28	3.14					
	velocity			7.01			9.55	8.09	31	7.01	9.55					
Richards, Kerry Ann (JAM) (1976)	time			4.33			7.44	7.44	7 / 6							
	reaction time						3.11		# of strides	4.33	3.11					
	velocity			6.93			9.65	8.06	31.5	6.93	9.65					
Latimer, Aleisha (USA) (1979)	time			4.37			7.46	7.46	8 / 7							
	reaction time						3.09		# of strides	4.37	3.09					
	velocity			6.86			9.71	8.04	30.5	6.86	9.71					
Dowdie, Peta-Gaye (JAM) (1977)		no information available										DQ	4 / --			

1997 IAAF World Championships (Athens, GRE)

FINAL

		date 03-Aug-97		wind 0.4 m/s		Ritzdorf (1997) - biomechanical research project at the VI th world championships in athletics, Athens 1997										
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jones, Marion (USA) (1975)	time	1.81	2.92	3.94	4.91	5.86	6.80	7.75	8.70	9.67	10.66	10.83	3 / 1			
	reaction time	0.160	1.11	1.02	0.97	0.95	0.94	0.95	0.95	0.97	0.99	PB	# of strides	3.94	2.86	2.87
	velocity	5.52	9.01	9.80	10.31	10.53	10.64	10.53	10.53	10.31	10.10	9.23		47.5	7.61	10.49
Tamopolskaya-Pintusevich, Zhan	time	1.86	2.98	3.99	4.96	5.90	6.84	7.78	8.74	9.72	10.72	10.85	5 / 2			
	reaction time	0.130	1.12	1.01	0.97	0.94	0.94	0.94	0.96	0.98	1.00	NR	# of strides	3.99	2.85	2.88
	velocity	5.38	8.93	9.90	10.31	10.64	10.64	10.64	10.42	10.20	10.00	9.22		49.8	7.52	10.53
Fynes, Savatheda (BAH) (1974)	0.18	no information available										PB	1 / 3	# of strides	48.6	
Arron, Christine (FRA) (1973)	time	1.89	3.04	4.06	5.04	6.00	6.95	7.91	8.88	9.87	10.88	11.05	4 / 4			
	reaction time	0.165	1.15	1.02	0.98	0.96	0.95	0.96	0.97	0.99	1.01		# of strides	4.06	2.89	2.92
	velocity	5.29	8.70	9.80	10.20	10.42	10.53	10.42	10.31	10.10	9.90	9.05		45.2	7.39	10.38
Miller, Inger (USA) (1972)	time	1.88	3.03	4.08	5.08	6.06	7.03	8.01	9.01	10.02	11.06	11.18	7 / 5			
	reaction time	0.117	1.15	1.05	1.00	0.98	0.97	0.98	1.00	1.01	1.04		# of strides	4.08	2.95	2.99
	velocity	5.32	8.70	9.52	10.00	10.20	10.31	10.20	10.00	9.90	9.62	8.94		50.2	7.35	10.17

Paschke, Melanie (GER) (1970)	time	1.89	3.03	4.07	5.07	6.05	7.03	8.01	9.01	10.02	11.05	11.19	2 / 6				
	reaction time	0.138	interval	1.14	1.04	1.00	0.98	0.98	0.98	1.00	1.01	1.03	# of strides	4.07	2.96	2.99	
	velocity	5.29	8.77	9.62	10.00	10.20	10.20	10.20	10.00	9.90	9.71	8.94	51.3	7.37	10.14	10.03	
Ottey, Merlene (JAM) (1960)	time	1.89	3.02	4.03	5.01	5.97	6.94	7.91	8.91	9.95	11.15	11.29	6 / 7				
	reaction time	0.139	interval	1.13	1.01	0.98	0.96	0.97	0.97	1.00	1.04	1.20	# of strides	4.03	2.91	3.01	
	velocity	5.29	8.85	9.90	10.20	10.42	10.31	10.31	10.00	9.62	8.33	8.86	46.9	7.44	10.31	9.97	
Gaines, Chryste (USA) (1970)	0.14	no information available										11.32	8 / 8	# of strides	51.1		

1997 German National Championships (Frankfurt, GER)**FINAL**

date		28-Jun-97		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	interval	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			

1997 European Cup (Munich, GER)**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	interval	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	interval	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, Natalia (BLR) (197)	time	2.07	4.29				7.28		9.32		11.41	11.41	/ 3					
	reaction time	interval	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	interval	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, Simone (GBR) (1966)	time	2.03	4.35				7.40		9.45		11.55	11.55	/ 5					
	reaction time	interval	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	interval	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	interval	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	interval	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				

1997 Sparkasse (Dortmund, GER)**FINAL**

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				

1996 Olympic Games (Atlanta, GA)**FINAL**

date		27-Jul-96		wind -0.7 m/s														
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Devers, Gail (USA) (1966)	0.166	no information available										10.94	3 / 1					
Ottey, 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					
Sturup, 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					

Semi-Final 1

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

Ottey, Merlene (JAM) (196	0.176	time	1.99	3.15	4.19	5.17	6.12	7.06	8.00	8.94	9.92	10.93	10.93	4 / 1			
reaction time		interval		1.16	1.04	0.98	0.95	0.94	0.94	0.94	0.98	1.01		# of strides	4.19	2.87	2.86
		velocity	5.03	8.62	9.62	10.20	10.53	10.64	10.64	10.64	10.20	9.90	9.15		7.16	10.45	10.49

1996 USATF National Junior Championships (Delaware, OH)**FINAL**

	date	28-Jun-96	wind	0.5 m/s	USATF Women's Sprint Development (1996)														
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wright, Jernae (USA) (1978)	time				2.13		4.39		6.30	7.30			10.35	11.54	11.54	6 / 1			
reaction time							2.26		1.91	1.00			3.05	1.19		# of strides	4.39	2.91	3.05
					4.69		8.85		10.47	10.00			9.84	8.40	8.67		6.83	10.31	9.84
White, Lakeesha (USA) (1980)	time				2.17		4.39		6.29	7.27			10.36	11.56	11.56	5 / 2			
reaction time							2.22		1.90	0.98			3.09	1.20		# of strides	4.39	2.88	3.09
					4.61		9.01		10.53	10.20			9.71	8.33	8.65		6.83	10.42	9.71
Anderson, Andrea (USA) (1977)	time				2.20		4.40		6.28	7.29			10.42	11.64	11.64	3 / 3			
reaction time							2.20		1.88	1.01			3.13	1.22		# of strides	4.40	2.89	3.13
					4.55		9.09		10.64	9.90			9.58	8.20	8.59		6.82	10.38	9.58
Jones, Shakedia (USA) (1979)	time				2.13		4.36		6.27	7.27			10.49	11.71	11.71	4 / 4			
reaction time							2.23		1.91	1.00			3.22	1.22		# of strides	4.36	2.91	3.22
					4.69		8.97		10.47	10.00			9.32	8.20	8.54		6.88	10.31	9.32
Perry, Nanceen (USA) (1977)	time				2.16		4.43		6.36	7.36			10.49	11.71	11.71	8 / 5			
reaction time							2.27		1.93	1.00			3.13	1.22		# of strides	4.43	2.93	3.13
					4.63		8.81		10.36	10.00			9.58	8.20	8.54		6.77	10.24	9.58
Green, Francesca (USA) (1977)	time				2.13		4.44		6.37	7.40			10.53	11.76	11.76	1 / 6			
reaction time							2.31		1.93	1.03			3.13	1.23		# of strides	4.44	2.96	3.13
					4.69		8.66		10.36	9.71			9.58	8.13	8.50		6.76	10.14	9.58
White, Kelli (USA) (1977)	time				2.08		4.41		6.35	7.40			10.56	11.77	11.77	2 / 7			
reaction time							2.33		1.94	1.05			3.16	1.21		# of strides	4.41	2.99	3.16
					4.81		8.58		10.31	9.52			9.49	8.26	8.50		6.80	10.03	9.49

1996 German National Championships (Köln, GER)**FINAL**

	date	21-Jun-96	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
Paschke, Melanie (GER) (1970)	time				2.03		4.19			7.11			9.05	11.06	11.06	1 / 1			
reaction time							2.16			2.92			1.94	2.01		# of strides	4.19	2.92	
					4.93		9.26			10.27			10.31	9.95	9.04		7.16	10.27	

1996 USA Olympic Trials (Atlanta, GA)**FINAL**

	date	15-Jun-96	wind	1.1 m/s	USATF Women's Sprint Development (1996)														
					10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Torrence, Gwen (USA) (1965)	time				1.90		4.12		5.99				9.73	10.82	10.82	4 / 1			
reaction time							2.22		1.87				3.74	1.09	PB	# of strides	4.12		
					5.26		9.01		10.70				10.70	9.17	9.24		49.5	7.28	
Devers, Gail (USA) (1966)	time				1.89		4.10		5.98				9.85	10.91	10.91	3 / 2			
reaction time							2.21		1.88				3.87	1.06		# of strides	4.10		
					5.29		9.05		10.64				10.34	9.43	9.17		48.5	7.32	
Hill, D'Andre (USA) (1973)	time				1.94		4.16		6.03				9.88	10.92	10.92	6 / 3			
reaction time							2.22		1.87				3.85	1.04	PB	# of strides	4.16		
					5.15		9.01		10.70				10.39	9.62	9.16		49.5	7.21	
Miller, Inger (USA) (1972)	time				1.94		4.20		6.11				9.90	10.96	10.96	8 / 4			
reaction time							2.26		1.91				3.79	1.06	PB	# of strides	4.20		
					5.15		8.85		10.47				10.55	9.43	9.12		49.5	7.14	
Gaines, Chryste (USA) (1970)	time				1.94		4.19		6.06				9.93	10.96	10.96	5 / 5			
reaction time							2.25		1.87				3.87	1.03	PB	# of strides	4.19		
					5.15		8.89		10.70				10.34	9.71	9.12		50.0	7.16	
Young, Dannette (USA) (1964)	time				1.97		4.26		6.06				10.00	11.06	11.06	7 / 6			
reaction time							2.29		1.80				3.94	1.06	=PB	# of strides	4.26		
					5.08		8.73		11.11				10.15	9.43	9.04		51.5	7.04	
Guidry, Carlette (USA) (1968)	time				1.99		4.23		6.12				10.03	11.07	11.07	2 / 7			
reaction time							2.24		1.89				3.91	1.04		# of strides	4.23		
					5.03		8.93		10.58				10.23	9.62	9.03		47.0	7.09	
Taplin, Cheryl (USA) (1972)	time				1.96		4.22		6.12				10.10	11.11	11.11	1 / 8			

reaction time	interval	2.26	1.90	3.98	1.01	# of strides	4.22
velocity	5.10	8.85	10.53	10.05	9.90	9.00	50.5 7.11

Semi-Final 2

		date	15-Jun-96	wind	0.2 m/s	USATF Women's Sprint Development (1996)												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Torrence, Gwen (USA) (1965)	time		2.04		4.19		6.08					9.93	10.98	10.98	4 / 1			
	reaction time				2.15		1.89					3.85	1.05		# of strides	4.19		
	velocity		4.90		9.30		10.58					10.39	9.52	9.11	49.3	7.16		
Gaines, Chryste (USA) (1970)	time		2.00		4.22		6.10					10.00	11.02	11.02	5 / 2			
	reaction time				2.22		1.88					3.90	1.02	=PB	# of strides	4.22		
	velocity		5.00		9.01		10.64					10.26	9.80	9.07	47.8	7.11		
Miller, Inger (USA) (1972)	time		2.04		4.22		6.16					10.07	11.10	11.10	3 / 3			
	reaction time				2.18		1.94					3.91	1.03		# of strides	4.22		
	velocity		4.90		9.17		10.31					10.23	9.71	9.01	50.0	7.11		
Taplin, Cheryl (USA) (1972)	time		2.06		4.24		6.16					10.10	11.19	11.19	7 / 4			
	reaction time				2.18		1.92					3.94	1.09		# of strides	4.24		
	velocity		4.85		9.17		10.42					10.15	9.17	8.94	51.5	7.08		
Mondie-Milner, Celena (USA) (1971)	time		2.09		4.27		6.20					10.11	11.19	11.19	6 / 5			
	reaction time				2.18		1.93					3.91	1.08		# of strides	4.27		
	velocity		4.78		9.17		10.36					10.23	9.26	8.94	50.5	7.03		
Jett, Kisha (USA) (1975)	time		2.10		4.30		6.29					10.28	11.38	11.38	8 / 6			
	reaction time				2.20		1.99					3.99	1.10		# of strides	4.30		
	velocity		4.76		9.09		10.05					10.03	9.09	8.79	51.5	6.98		
Ball, Juan (USA) (1972)	time		2.02		4.22		6.24					10.30	11.39	11.39	1 / 7			
	reaction time				2.20		2.02					4.06	1.09		# of strides	4.22		
	velocity		4.95		9.09		9.90					9.85	9.17	8.78	49.3	7.11		
Hyché, Holli (USA) (1971)	time		2.07		4.24		6.20					10.29	11.41	11.41	2 / 8			
	reaction time				2.17		1.96					4.09	1.12		# of strides	4.24		
	velocity		4.83		9.22		10.20					9.78	8.93	8.76	48.8	7.08		

Semi-Final 1

		date	15-Jun-96	wind	1,1 m/s	USATF Women's Sprint Development (1996)												
				10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hill, D'Andre (USA) (1973)	time		1.95		4.05		6.09					9.96	10.97	10.97	5 / 1			
	reaction time				2.10		2.04					3.87	1.01		# of strides	4.05		
	velocity		5.13		9.52		9.80					10.34	9.90	9.12	51.3	7.41		
Devers, Gail (USA) (1966)	time		1.96		4.04		6.04					9.96	10.98	10.98	3 / 2			
	reaction time				2.08		2.00					3.92	1.02		# of strides	4.04		
	velocity		5.10		9.62		10.00					10.20	9.80	9.11	48.8	7.43		
Guidry, Carlette (USA) (1968)	time		2.08		4.03		6.17					10.06	11.06	11.06	4 / 3			
	reaction time				1.95		2.14					3.89	1.00		# of strides	4.03		
	velocity		4.81		10.26		9.35					10.28	10.00	9.04	47.5	7.44		
Young, Dannette (USA) (1964)	time		1.97		4.18		6.21					10.07	11.06	11.06	6 / 4			
	reaction time				2.21		2.03					3.86	0.99	PB	# of strides	4.18		
	velocity		5.08		9.05		9.85					10.36	10.10	9.04	52.0	7.18		
Feagin, Zundra (USA) (1973)	time		2.21		4.30		6.30					10.26	11.26	11.26	1 / 5			
	reaction time				2.09		2.00					3.96	1.00		# of strides	4.30		
	velocity		4.52		9.57		10.00					10.10	10.00	8.88	51.8	6.98		
Echols, Sheila (USA) (1964)	time		2.00		4.13		6.20					10.24	11.30	11.30	8 / 6			
	reaction time				2.13		2.07					4.04	1.06		# of strides	4.13		
	velocity		5.00		9.39		9.66					9.90	9.43	8.85	50.0	7.26		
Burkett, Aspen (USA) (1976)	time		2.12		4.33		6.44					10.38	11.45	11.45	7 / 7			
	reaction time				2.21		2.11					3.94	1.07		# of strides	4.33		
	velocity		4.72		9.05		9.48					10.15	9.35	8.73	50.5	6.93		
Kelly, Sabrina (USA) (1975)	time		2.05		4.31		6.31					10.39	11.55	11.55	2 / 8			
	reaction time				2.26		2.00					4.08	1.16		# of strides	4.31		
	velocity		4.88		8.85		10.00					9.80	8.62	8.66	53.0	6.96		

1996 International French Indoor Championships (Bercy, FRA)**FINAL**

		date	10-Feb-96	Gajer (1996) - analyse des frequences, amplitudes et vitesse pour les courses de 60m											
				10m	20m	30m	40m	50m	60m	Official Time			Lane / Place	0-30m	30-60m
Sidibé, Odiah (FRA) (1970)	time		2.06	3.20	4.27	5.24	6.25	7.25				7.25	1 / 1		

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	

Otley, Merlene (JAM) (1960)	0.145	no information available										10.94	3 / 2	# of strides	46.7
Privalova, Irina (RUS) (1968)	0.233	no information available										10.96	7 / 3	# of strides	48.5
Guidry, Carlette (USA) (1968)	0.193	no information available										11.07	4 / 4	# of strides	46.2
Pintusevich, Zhanna (UKR) (1972)	0.127	no information available										11.07	2 / 5	# of strides	50.2
Paschke, Melanie (GER) (1970)	0.141	no information available										11.10	6 / 6	# of strides	51.2
Onyali, Mary (NGR) (1968)	0.128	no information available										11.15	1 / 7	# of strides	47.5
Cuthbert, Juliet (JAM) (1964)	0.143	no information available										11.44	8 / 8	# of strides	50.7

1995 USATF National Championships (Sacramento, CA)

FINAL

	date	16-Jun-95	wind	0.0 m/s											Official Time	Lyle - miscellaneous coaching notes		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m		Lane / Place	0-30m	30-60m	60-90m	
Torrence, Gwen (USA) (1965)	time		1.91	3.15	4.17	5.18	6.08	7.06	8.00	8.95	9.98	11.03	11.04	3 / 1				
reaction time	interval			1.24	1.02	1.01	0.90	0.98	0.94	0.95	1.03	1.05		# of strides	4.17	2.89	2.92	
	velocity		5.24	8.06	9.80	9.90	11.11	10.20	10.64	10.53	9.71	9.52	9.06		7.19	10.38	10.27	
Guidry, Carlette (USA) (1968)	time		1.92	3.15	4.18	5.19	6.14	7.12	8.08	9.08	10.08	11.12	11.12	6 / 2				
reaction time	interval			1.23	1.03	1.01	0.95	0.98	0.96	1.00	1.00	1.04		# of strides	4.18	2.94	2.96	
	velocity		5.21	8.13	9.71	9.90	10.53	10.20	10.42	10.00	10.00	9.62	8.99		7.18	10.20	10.14	
Mondie-Milner, Celena (USA) (1972)	time		1.98	3.14	4.18	5.19	6.14	7.15	8.13	9.14	10.17	11.22	11.22	5 / 3				
reaction time	interval			1.16	1.04	1.01	0.95	1.01	0.98	1.01	1.03	1.05		# of strides	4.18	2.97	3.02	
	velocity		5.05	8.62	9.62	9.90	10.53	9.90	10.20	9.90	9.71	9.52	8.91		7.18	10.10	9.93	
Hill, D'Andre (USA) (1973)	time					6.25	7.28	8.25	9.23	10.25	11.34		11.34	8 / 4				
reaction time	interval						1.03	0.97	0.98	1.02	1.09			# of strides			2.97	
	velocity					8.00	9.71	10.31	10.20	9.80	9.17		8.82				10.10	
Gaines, Chryste (USA) (1970)	time		1.94	3.18	4.26	5.28	6.30	7.31	8.33	9.35	10.37	11.45	11.45	4 / 5				
reaction time	interval			1.24	1.08	1.02	1.02	1.01	1.02	1.02	1.02	1.08		# of strides	4.26	3.05	3.06	
	velocity		5.15	8.06	9.26	9.80	9.80	9.90	9.80	9.80	9.80	9.26	8.73		7.04	9.84	9.80	
Kelly, Sabrina (USA) (1975)	time		1.92	3.15	4.21	5.22	6.23	7.26	8.28	9.35	10.38	11.47	11.47	2 / 6				
reaction time	interval			1.23	1.06	1.01	1.01	1.03	1.02	1.07	1.03	1.09		# of strides	4.21	3.05	3.12	
	velocity		5.21	8.13	9.43	9.90	9.90	9.71	9.80	9.35	9.71	9.17	8.72		7.13	9.84	9.62	
Taplin, Cheryl (USA) (1972)	time		1.95	3.18	4.24	5.25	6.27	7.28	8.28	9.35	10.37	11.48	11.62	7 / 7				
reaction time	interval			1.23	1.06	1.01	1.02	1.01	1.00	1.07	1.02	1.11		# of strides	4.24	3.04	3.09	
	velocity		5.13	8.13	9.43	9.90	9.80	9.90	10.00	9.35	9.80	9.01	8.61		7.08	9.87	9.71	

1994 Italian National Championships (Naples, ITA)

FINAL

	date	???	wind	???	Locatelli (2000) - the mechanics and energetics of the 100m sprint (in Jarver (ed.), sprints and hurdles (2000))										Official Time	Lane / Place		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m			0-30m	30-60m	60-90m	
Gallina, Giada (ITA) (1973)	time		1.92	3.20	4.28	5.31	6.30	7.31				11.65	11.65	???				
reaction time	interval			1.28	1.08	1.03	0.99	1.01				4.34		# of strides	4.28	3.03		
	velocity		5.21	7.81	9.26	9.71	10.10	9.90				9.22	8.58		7.01	9.90		
Ardissone, Laura (ITA) (1969)	time		1.98	3.29	4.39	5.40	6.44	7.46				11.77	11.77	???				
reaction time	interval			1.31	1.10	1.01	1.04	1.02				4.31		# of strides	4.39	3.07		
	velocity		5.05	7.63	9.09	9.90	9.62	9.80				9.28	8.50		6.83	9.77		
Farina, Rossella (ITA) (1974)	time		1.98	3.29	4.35	5.37	6.37	7.36				11.85	11.85	???				
reaction time	interval			1.31	1.06	1.02	1.00	0.99				4.49		# of strides	4.35	3.01		
	velocity		5.05	7.63	9.43	9.80	10.00	10.10				8.91	8.44		6.90	9.97		
Galligani, Laura (ITA) (1971)	time		1.92	3.22	4.31	5.35	6.36	7.43				12.01	12.01	???				
reaction time	interval			1.30	1.09	1.04	1.01	1.07				4.58		# of strides	4.31	3.12		
	velocity		5.21	7.69	9.17	9.62	9.90	9.35				8.73	8.33		6.96	9.62		

1993 Chinese National Games (Beijing, CHN)

FINAL

	date	08-Aug-93	wind	1.2 m/s	Feng (1992) - Beijing asian games women's 100m, 200m, 400m technical analysis										Official Time	Lane / Place		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m			0-30m	30-60m	60-90m	
Zhang Gaihua (CHN) (1964)	time				4.20			7.23		9.27		11.35	11.35	???				
reaction time	interval							3.03		2.04		2.08		# of strides	4.20	3.03		
	velocity				7.14			9.90		9.80		9.62	8.81		7.14	9.90		
Tian Yumei (CHN) (1965)	time				4.33			7.43		9.59		11.77	11.77	???				
reaction time	interval							3.10		2.16		2.18		# of strides	4.33	3.10		
	velocity				6.93			9.68		9.26		9.17	8.50		6.93	9.68		

1993 IAAF World Championships (Stuttgart, GER)

FINAL

	date	16-Aug-93	wind	0.3 m/s	Price (1994) - split times for 100m sprint, 1993 IAAF world championship										Official Time	Lane / Place		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m			0-30m	30-60m	60-90m	
Devers, Gail (USA) (1966)	time				4.09			6.95		8.86		10.82	10.82	5 / 1				
reaction time	interval	0.149						2.86		1.91		1.96	CR / =PB	# of strides	4.09	2.86		
	velocity																	

	velocity	7.33	10.49	10.47	10.20	9.24	47.2	7.33	10.49		
Ottey, Merlene (JAM) (1960)	time	4.13	6.98	8.87	10.82	10.82	6 / 2			<i>Graubner (2007)</i>	
	reaction time 0.161 interval		2.85	1.89	1.95	=CR	# of strides	4.13	2.85		
	velocity	7.26	10.53	10.58	10.26	9.24	46.0	7.26	10.53		
Torrence, Gwen (USA) (1965)	time	4.14	7.00	8.92	10.89	10.89	3 / 3			<i>Price (1994)</i>	
	reaction time 0.142 interval		2.86	1.92	1.97		# of strides	4.14	2.86		
	velocity	7.25	10.49	10.42	10.15	9.18	49.5	7.25	10.49		
Privalova, Irina (RUS) (1968)	time	4.09	7.00	8.96	10.96	10.96	4 / 4			<i>Price (1994)</i>	
	reaction time 0.174 interval		2.91	1.96	2.00		# of strides	4.09	2.91		
	velocity	7.33	10.31	10.20	10.00	9.12	47.5	7.33	10.31		
Onyali, Mary (NGR) (1968)	0.149	no information available					11.05	7 / 5		# of strides	47.0
Pomoshchnikova-Voronova, Nat:	0.138	no information available					11.20	8 / 6		# of strides	48.7
Mitchell, Nicole (JAM) (1974)	0.142	no information available					11.20	2 / 7		# of strides	54.5
Allen, Liliana (CUB) (1970)	0.154	no information available					11.23	1 / 8		# of strides	48.7

1992 Olympic Games (Barcelona, ESP)

FINAL

date 01-Aug-92 wind -1.0 m/s

Arnold (1992) - 1992 Olympic report: 100m men

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Devers-Roberts, Gail (USA) (1966)	time		3.06		5.03		6.93		8.87		10.82	10.82	2 / 1			
	reaction time 0.138 interval				1.97		1.90		1.94		1.95	PB	# of strides			
	velocity		6.54		10.15		10.53		10.31		10.26	9.24	48.2			
Cuthbert, Juliet (JAM) (1964)	time		3.12		5.09		6.97		8.91		10.83	10.83	3 / 2			
	reaction time 0.163 interval				1.97		1.88		1.94		1.92	PB	# of strides			
	velocity		6.41		10.15		10.64		10.31		10.42	9.23	49.5			
Privalova, Irina (EUN) (1968)	time		3.08		5.03		6.93		8.89		10.84	10.84	6 / 3			
	reaction time 0.184 interval				1.95		1.90		1.96		1.95		# of strides			
	velocity		6.49		10.26		10.53		10.20		10.26	9.23	48.2			
Torrence, Gwen (USA) (1965)	time		3.14		5.11		6.99		8.93		10.85	10.86	5 / 4			
	reaction time 0.175 interval				1.97		1.88		1.94		1.92	PB	# of strides			
	velocity		6.37		10.15		10.64		10.31		10.42	9.21	50.7			
Ottey, Merlene (JAM) (1960)	time		3.12		5.09		6.99		8.93		10.86	10.88	4 / 5			
	reaction time 0.164 interval				1.97		1.90		1.94		1.93		# of strides			
	velocity		6.41		10.15		10.53		10.31		10.36	9.19	47.7			
Nuneva, Anelia (BUL) (1962)	time		3.14		5.13		7.09		9.09		11.10	11.10	7 / 6			
	reaction time 0.134 interval				1.99		1.96		2.00		2.01		# of strides			
	velocity		6.37		10.05		10.20		10.00		9.95	9.01	50.5			
Onyali-Omagbemi, Mary (NGR) (1968)	time		3.14		5.17		7.13		9.13		11.15	11.15	8 / 7			
	reaction time 0.190 interval				2.03		1.96		2.00		2.02		# of strides			
	velocity		6.37		9.85		10.20		10.00		9.90	8.97	47.0			
Allen, Liliana (CUB) (1970)	time		3.10		5.13		7.11		9.13		11.19	11.19	1 / 8			
	reaction time 0.174 interval				2.03		1.98		2.02		2.06		# of strides			
	velocity		6.45		9.85		10.10		9.90		9.71	8.94	48.0			

1991 IAAF World Championships (Tokyo, JPN)

FINAL

date 27-Aug-91 wind -3.0 m/s

Butler (2013) - IAAF world championships statistics handbook- moscow 2013

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Krabbe, Kathrin (GER) (1969)	time					6.07					10.99	10.99	3 / 1			
	reaction time 0.157 interval										4.92		# of strides			
	velocity					8.24					10.16	9.10	47.7			
Torrence, Gwen (USA) (1965)	time					6.16					11.03	11.03	5 / 2			
	reaction time 0.152 interval										4.87		# of strides			
	velocity					8.12					10.27	9.07	51.0			
Ottey, Merlene (JAM) (1960)	time					6.17					11.06	11.06	4 / 3			
	reaction time 0.196 interval										4.89		# of strides			
	velocity					8.10					10.22	9.04	48.0			
Privalova, Irina (URS) (1968)	0.206	no information available										11.16	6 / 4	# of strides		47.5
Ashford, Evelyn (USA) (1957)	0.202	no information available										11.30	1 / 5	# of strides		53.0
Cuthbert, Juliet (JAM) (1964)	0.180	no information available										11.33	8 / 6	# of strides		51.0
Onyali, Mary (NGR) (1968)	0.201	no information available										11.39	7 / 7	# of strides		48.0
Guidry, Carlette (USA) (1968)	0.202	no information available										11.52	2 / 8	# of strides		47.7

1991 European Cup (Frankfurt, GER)

FINAL

		date	29-Jun-91		wind -2.7 m/s										Federle (2003) - http://www.fgs.uni-halle.de		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Privalova, Irina (RUS) (1968)	time				4.14			7.14		9.19		11.29	11.29	/ 1			
	reaction time							3.00		2.05		2.10		# of strides	4.14	3.00	
	velocity				7.25			10.00		9.76		9.52	8.86		7.25	10.00	
Krabbe, Kathrin (GER) (1969)	time				4.20			7.25		9.32		11.45	11.45	/ 2			
	reaction time							3.05		2.07		2.13		# of strides	4.20	3.05	
	velocity				7.14			9.84		9.66		9.39	8.73		7.14	9.84	
Nuneva, Anelia (BUL) (1962)	time				4.27			7.40		9.55		11.74	11.74	/ 3			
	reaction time							3.13		2.15		2.19		# of strides	4.27	3.13	
	velocity				7.03			9.58		9.30		9.13	8.52		7.03	9.58	
Douglas, Stephanie (GBR) (1969)	time				4.27			7.41		9.56		11.76	11.76	/ 4			
	reaction time							3.14		2.15		2.20		# of strides	4.27	3.14	
	velocity				7.03			9.55		9.30		9.09	8.50		7.03	9.55	
Nestoret, Maguy (FRA) (1969)	time				4.30			7.47		9.60		11.78	11.78	/ 5			
	reaction time							3.17		2.13		2.18		# of strides	4.30	3.17	
	velocity				6.98			9.46		9.39		9.17	8.49		6.98	9.46	
Dulgheru, Mirela (ROU) (1966)	time				4.37			7.54		9.71		11.94	11.94	/ 6			
	reaction time							3.17		2.17		2.23		# of strides	4.37	3.17	
	velocity				6.86			9.46		9.22		8.97	8.38		6.86	9.46	
Smolarek, Joanna (POL) (1965)	time				4.40			7.62		9.80		12.04	12.04	/ 7			
	reaction time							3.22		2.18		2.24		# of strides	4.40	3.22	
	velocity				6.82			9.32		9.17		8.93	8.31		6.82	9.32	
Molnár, Edit (HUN) (1965)	time				4.40			7.69		9.95		12.25	12.25	/ 8			
	reaction time							3.29		2.26		2.30		# of strides	4.40	3.29	
	velocity				6.82			9.12		8.85		8.70	8.16		6.82	9.12	

1990 Asian Games (Beijing, CHN)

FINAL

		date	02-Oct-90		wind -3.4 m/s										Feng (1992) - Beijing asian games women's 100m, 200m, 400m technical analysis		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Tian Yumei (CHN) (1965)	time				4.31			7.44		9.57		11.80	11.80	/ 1			
	reaction time							3.13		2.13		2.23		# of strides	4.31	3.13	
	velocity				6.96			9.58		9.39		8.97	8.47		54.9	6.96	9.58
Zhang Gaihua (CHN) (1964)	time				4.43			7.71		9.96		12.35	12.35	/ 6			
	reaction time							3.28		2.25		2.39		# of strides	4.43	3.28	
	velocity				6.77			9.15		8.89		8.37	8.10		6.77	9.15	

1990 Goodwill Games (Seattle, WA)

FINAL

		date	24-Jul-90		wind 0.0 m/s										Lyle (1990) - goodwill games women's 100m splits			
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Guidry, Carlette (USA) (1968)	time		2.04	3.15	4.19	5.16	6.13	7.05	8.02		9.99	11.02	11.03	6 / 1				
	reaction time			1.11	1.04	0.97	0.97	0.92	0.97		1.97	1.03	PB		# of strides	4.19	2.86	2.94
	velocity		4.90	9.01	9.62	10.31	10.31	10.87	10.31		10.15	9.71	9.07			7.16	10.49	10.20
Echols, Sheila (USA) (1964)	time		2.02	3.14	4.16	5.15	6.12	7.05	8.02		9.99	11.02	11.05	7 / 2				
	reaction time			1.12	1.02	0.99	0.97	0.93	0.97		1.97	1.03		# of strides	4.16	2.89	2.94	
	velocity		4.95	8.93	9.80	10.10	10.31	10.75	10.31		10.15	9.71	9.05			7.21	10.38	10.20
Finn, Michelle (USA) (1965)	time		2.02	3.14	4.16	5.15	6.12	7.04	8.02		9.99	11.02	11.05	5 / 3				
	reaction time			1.12	1.02	0.99	0.97	0.92	0.98		1.97	1.03	PB	# of strides	4.16	2.88	2.95	
	velocity		4.95	8.93	9.80	10.10	10.31	10.87	10.20		10.15	9.71	9.05			7.21	10.42	10.17
Malchugina, Galina (URS) (1962)	time		2.14	3.20	4.25	5.24	6.22	7.18	8.14		10.15	11.23	11.24	3 / 4				
	reaction time			1.06	1.05	0.99	0.98	0.96	0.96		2.01	1.08		# of strides	4.25	2.93	2.97	
	velocity		4.67	9.43	9.52	10.10	10.20	10.42	10.42		9.95	9.26	8.90			7.06	10.24	10.10
Ashford, Evelyn (USA) (1957)	time		2.14	3.20	4.24	5.24	6.22	7.18	8.15		10.15	11.24	11.24	4 / 5				
	reaction time			1.06	1.04	1.00	0.98	0.96	0.97		2.00	1.09		# of strides	4.24	2.94	2.97	
	velocity		4.67	9.43	9.62	10.00	10.20	10.42	10.31		10.00	9.17	8.90			7.08	10.20	10.10
Sergeyeva, Irina (URS) (1968)	time		2.14	3.19	4.24	5.22	6.21	7.18	8.15		10.16	11.26	11.25	2 / 6				
	reaction time			1.05	1.05	0.98	0.99	0.97	0.97		2.01	1.10		# of strides	4.24	2.94	2.98	
	velocity		4.67	9.52	9.52	10.20	10.10	10.31	10.31		9.95	9.09	8.89			7.08	10.20	10.07
Allen, Liliana (CUB) (1970)	time		2.04	3.19	4.22	5.26	6.24	7.22	8.24		10.32	11.39	11.50	8 / 7				

reaction time	interval	1.15	1.03	1.04	0.98	0.98	1.02		2.08	1.07		# of strides	4.22	3.00	3.10
	velocity	4.90	8.70	9.71	9.62	10.20	10.20	9.80	9.62	9.35	8.70		7.11	10.00	9.68
Bailey, Angela (CAN) (1962)	time	2.14	3.22	4.27	5.29	6.32	7.35	8.34	10.44	11.59	11.57	1 / 8			
reaction time	interval		1.08	1.05	1.02	1.03	1.03	0.99	2.10	1.15		# of strides	4.27	3.08	3.09
	velocity	4.67	9.26	9.52	9.80	9.71	9.71	10.10	9.52	8.70	8.64		7.03	9.74	9.71

1989 IAAF World Cup (Barcelona, ESP)**FINAL**

	date	09-Sep-89	wind	-1.1 m/s												<i>Pascua (1990) - atletismo (l) carreras y marcha</i>		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Echols, Sheila (USA) (1964)	time		3.15			5.18	6.15	7.15	8.14	9.15		11.18	11.18	/ 1				
reaction time	interval				2.03	0.97	1.00	0.99	1.01		2.03			# of strides				
	velocity		6.35		9.85	10.31	10.00	10.10	9.90		9.85	8.94		50.0				
Onyali, Mary (NGR) (1968)	time		3.14			5.16	6.14	7.14	8.14	9.15		11.23	11.23	/ 2				
reaction time	interval				2.02	0.98	1.00	1.00	1.01		2.08			# of strides				
	velocity		6.37		9.90	10.20	10.00	10.00	9.90		9.62	8.90		48.3				
Möller, Silke (GDR) (1964)	time		3.20			5.23	6.21	7.18	8.16	9.18		11.24	11.24	/ 3				
reaction time	interval				2.03	0.98	0.97	0.98	1.02		2.06			# of strides				
	velocity		6.25		9.85	10.20	10.31	10.20	9.80		9.71	8.90		53.7				
Bily, Laurence (FRA) (1963)			no information available										11.31	/ 4				
Allen, Lilana (CUB) (1970)			no information available										11.34	/ 5				
Myers, Sandra (ESP) (1961)	time		3.26			5.31	6.30	7.30	8.29	9.29		11.36	11.36	/ 6				
reaction time	interval				2.05	0.99	1.00	0.99	1.00		2.07			# of strides				
	velocity		6.13		9.76	10.10	10.00	10.10	10.00		9.66	8.80		48.1				
Voronova, Natalya (URS) (1965)			no information available										11.49	/ 7				
Broadrick, Susane (AUS) (1968)			no information available										11.96	/ 8				
Wang Huei-Chen (TPE) (1970)			no information available										11.97	/ 9				

1988 Olympic Games (Seoul, KOR)**FINAL**

	date	25-Sep-88	wind	3.0 m/s												<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Griffith-Joyner, Florence (USA) (1988)	time		2.00	3.09	4.09	5.04	5.97	6.89	7.80	8.71	9.62	10.54	10.54	3 / 1				
reaction time	0.131 interval			1.09	1.00	0.95	0.93	0.92	0.91	0.91	0.91	0.92		# of strides	4.09	2.80	2.73	
	velocity		5.00	9.17	10.00	10.53	10.75	10.87	10.99	10.99	10.99	10.87	9.49	47.6	7.33	10.71	10.99	
Ashford, Evelyn (USA) (1957)	time		2.02	3.13	4.15	5.11	6.07	7.01	7.96	8.91	9.87	10.83	10.83	6 / 2				
reaction time	0.176 interval			1.11	1.02	0.96	0.96	0.94	0.95	0.95	0.96	0.96		# of strides	4.15	2.86	2.86	
	velocity		4.95	9.01	9.80	10.42	10.42	10.64	10.53	10.53	10.42	10.42	9.23	50.8	7.23	10.49	10.49	
Drechsler, Heike (GDR) (1964)	time		2.01	3.12	4.14	5.11	6.08	7.02	7.97	8.92	9.88	10.85	10.85	5 / 3				
reaction time	0.143 interval			1.11	1.02	0.97	0.97	0.94	0.95	0.95	0.96	0.97		# of strides	4.14	2.88	2.86	
	velocity		4.98	9.01	9.80	10.31	10.31	10.64	10.53	10.42	10.31	10.31	9.22	46.4	7.25	10.42	10.49	
Jackson-Small, Grace (JAM) (1966)	time		2.04	3.17	4.20	5.17	6.14	7.11	8.07	9.04	10.00	10.97	10.97	8 / 4				
reaction time	0.168 interval			1.13	1.03	0.97	0.97	0.97	0.96	0.97	0.96	0.97		# of strides	4.20	2.91	2.89	
	velocity		4.90	8.85	9.71	10.31	10.31	10.31	10.42	10.31	10.42	10.31	9.12	42.6	7.14	10.31	10.38	
Torrence, Gwen (USA) (1965)	time		2.01	3.12	4.15	5.13	6.10	7.05	8.01	8.99	9.98	10.97	10.97	1 / 5				
reaction time	0.148 interval			1.11	1.03	0.98	0.97	0.95	0.96	0.98	0.99	0.99		# of strides	4.15	2.90	2.93	
	velocity		4.98	9.01	9.71	10.20	10.31	10.53	10.42	10.20	10.10	10.10	9.12	49.7	7.23	10.34	10.24	
Pomoshnikova-Voronova, Natalya (URS) (1965)	time		2.04	3.17	4.18	5.16	6.14	7.10	8.07	9.04	10.01	11.00	11.00	2 / 6				
reaction time	0.141 interval			1.13	1.01	0.98	0.98	0.96	0.97	0.97	0.97	0.99		# of strides	4.18	2.92	2.91	
	velocity		4.90	8.85	9.90	10.20	10.20	10.42	10.31	10.31	10.31	10.10	9.09	49.2	7.18	10.27	10.31	
Cuthbert, Juliet (JAM) (1964)	time		2.03	3.15	4.18	5.14	6.10	7.07	8.04	9.07	10.14	11.26	11.26	7 / 7				
reaction time	0.165 interval			1.12	1.03	0.96	0.96	0.97	0.97	1.03	1.07	1.12		# of strides	4.18	2.89	3.07	
	velocity		4.93	8.93	9.71	10.42	10.42	10.31	10.31	9.71	9.35	8.93	8.88	48.8	7.18	10.38	9.77	
Nuneva, Anelia (BUL) (1962)	time		2.00	3.09	4.09	5.05	6.01	6.96	7.90			11.49	11.49	4 / 8				
reaction time	0.140 interval			1.09	1.00	0.96	0.96	0.95	0.94			3.59		# of strides	4.09	2.87		
	velocity		5.00	9.17	10.00	10.42	10.42	10.53	10.64			8.36	8.70		7.33	10.45		

Semi-Final 2

	date	25-Sep-88	wind	2.6 m/s												<i>Brüggemann (1990) - scientific research project at the games of the XXXIV Olympiad, Seoul 1988</i>		
			10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Griffith-Joyner, Florence (USA) (1988)	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	

Drechsler, Heike (GDR) (1964)	time	2.00	3.10	4.12	5.12	6.08	7.03	7.98	8.93	9.90	10.91	10.91	6 / 2			
	reaction time	0.216	interval	1.10	1.02	1.00	0.96	0.95	0.95	0.95	0.97	1.01	# of strides	4.12	2.91	2.87
	velocity	5.00	9.09	9.80	10.00	10.42	10.53	10.53	10.53	10.31	9.90	9.17		7.28	10.31	10.45
Pomoshnikova-Voronova, Nataly	time	2.03	3.14	4.18	5.18	6.14	7.11	8.08	9.05	10.03	11.03	11.03	4 / 3			
	reaction time	0.263	interval	1.11	1.04	1.00	0.96	0.97	0.97	0.97	0.98	1.00	# of strides	4.18	2.93	2.92
	velocity	4.93	9.01	9.62	10.00	10.42	10.31	10.31	10.31	10.20	10.00	9.07		7.18	10.24	10.27
Jackson-Small, Grace (JAM) (196)	time	2.09	3.22	4.27	5.27	6.25	7.21	8.17	9.13	10.09	11.06	11.06	2 / 4			
	reaction time	0.189	interval	1.13	1.05	1.00	0.98	0.96	0.96	0.96	0.96	0.97	# of strides	4.27	2.94	2.88
	velocity	4.78	8.85	9.52	10.00	10.20	10.42	10.42	10.42	10.42	10.31	9.04		7.03	10.20	10.42
Sarvari, Ulrike (FRG) (1964)	time	2.04	3.16	4.20	5.21	6.17	7.14	8.13	9.11	10.10	11.12	11.12	7 / 5			
	reaction time	0.303	interval	1.12	1.04	1.01	0.96	0.97	0.99	0.98	0.99	1.02	# of strides	4.20	2.94	2.96
	velocity	4.90	8.93	9.62	9.90	10.42	10.31	10.10	10.20	10.10	9.80	8.99		7.14	10.20	10.14
Davis-Thompson, Pauline (BAH)	time	2.07	3.20	4.27	5.28	6.27	7.23	8.19	9.16	10.13	11.12	11.12	1 / 6			
	reaction time	0.203	interval	1.13	1.07	1.01	0.99	0.96	0.96	0.97	0.97	0.99	# of strides	4.27	2.96	2.90
	velocity	4.83	8.85	9.35	9.90	10.10	10.42	10.42	10.31	10.31	10.10	8.99		7.03	10.14	10.34
Fiere-Cooman, Nelli (NED) (1964)	time	2.01	3.12	4.15	5.16	6.13	7.11	8.10	9.09	10.10	11.13	11.13	8 / 7			
	reaction time	0.312	interval	1.11	1.03	1.01	0.97	0.98	0.99	0.99	1.01	1.03	# of strides	4.15	2.96	2.99
	velocity	4.98	9.01	9.71	9.90	10.31	10.20	10.10	10.10	9.90	9.71	8.98		7.23	10.14	10.03

Semi-Final 1

date 25-Sep-88 wind 0.5 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
Ashford, Evelyn (USA) (1957)	time	2.03	3.14	4.19	5.18	6.14	7.08	8.04	9.02	10.01	10.99	10.99	6 / 1			
	reaction time	0.170	interval	1.11	1.05	0.99	0.96	0.94	0.96	0.98	0.99	0.98	# of strides	4.19	2.89	2.93
	velocity	4.93	9.01	9.52	10.10	10.42	10.64	10.42	10.20	10.10	10.20	9.10		7.16	10.38	10.24
Nuneva, Anelia (BUL) (1962)	time	2.05	3.12	4.17	5.14	6.10	7.04	8.01	9.00	9.99	11.00	11.00	3 / 2			
	reaction time	0.165	interval	1.07	1.05	0.97	0.96	0.94	0.97	0.99	1.01	1.01	# of strides	4.17	2.87	2.95
	velocity	4.88	9.35	9.52	10.31	10.42	10.64	10.31	10.10	10.10	9.90	9.09		7.19	10.45	10.17
Torrence, Gwen (USA) (1965)	time	2.00	3.11	4.16	5.14	6.12	7.08	8.04	9.03	10.02	11.02	11.02	5 / 3			
	reaction time	0.130	interval	1.11	1.05	0.98	0.98	0.96	0.99	0.99	1.00	1.00	# of strides	4.16	2.92	2.94
	velocity	5.00	9.01	9.52	10.20	10.20	10.42	10.42	10.10	10.10	10.00	9.07		7.21	10.27	10.20
Cuthbert, Juliet (JAM) (1964)	time	2.05	3.21	4.25	5.23	6.18	7.13	8.11	9.10	10.10	11.10	11.10	2 / 4			
	reaction time	0.156	interval	1.16	1.04	0.98	0.95	0.95	0.98	0.99	1.00	1.00	# of strides	4.25	2.88	2.97
	velocity	4.88	8.62	9.62	10.20	10.53	10.53	10.20	10.10	10.00	10.00	9.01		7.06	10.42	10.10
Möller, Silke (GDR) (1964)	time	2.07	3.18	4.24	5.22	6.20	7.16	8.14	9.14	10.13	11.12	11.12	8 / 5			
	reaction time	0.154	interval	1.11	1.06	0.98	0.98	0.96	0.98	1.00	0.99	0.99	# of strides	4.24	2.92	2.97
	velocity	4.83	9.01	9.43	10.20	10.20	10.42	10.20	10.00	10.10	10.10	8.99		7.08	10.27	10.10
Göhr, Marlies (GDR) (1958)	time	2.07	3.20	4.24	5.22	6.18	7.12	8.11	9.11	10.12	11.13	11.13	4 / 6			
	reaction time	0.160	interval	1.13	1.04	0.98	0.96	0.94	0.99	1.00	1.01	1.01	# of strides	4.24	2.88	3.00
	velocity	4.83	8.85	9.62	10.20	10.42	10.64	10.10	10.00	9.90	9.90	8.98		7.08	10.42	10.00
Kondratyeva, Lyudmila (URS) (1964)	time	2.05	3.16	4.21	5.20	6.18	7.16	8.15	9.16	10.18	11.21	11.21	7 / 7			
	reaction time	0.166	interval	1.11	1.05	0.99	0.98	0.98	0.99	1.01	1.02	1.03	# of strides	4.21	2.95	3.02
	velocity	4.88	9.01	9.52	10.10	10.20	10.20	10.10	9.90	9.80	9.71	8.92		7.13	10.17	9.93
Zhirova, Marina (URS) (1963)	time	2.08	3.18	4.25	5.24	6.21	7.18	8.18	9.20	10.22	11.24	11.24	1 / 8			
	reaction time	0.187	interval	1.10	1.07	0.99	0.97	1.00	1.02	1.02	1.02	1.02	# of strides	4.25	2.93	3.04
	velocity	4.81	9.09	9.35	10.10	10.31	10.31	10.00	9.80	9.80	9.80	8.90		7.06	10.24	9.87

Heat 5

date 24-Sep-88 wind 0.1 m/s *Levchenko (1990) - questions and answers about women's sprinting*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Zhirova, Marina (URS) (1963)	time		3.86				6.90		8.85		10.87	11.22	7 / 2			
	reaction time		interval				3.04		1.95		2.02	2.02	# of strides	3.86	3.04	
	velocity		7.77				9.87		10.26		9.90	8.91		49.9	7.77	9.87

1988 USA Olympic Trials (Indianapolis, IN)

FINAL

date 17-Jul-88 wind 1.2 m/s *Veney - Split times from PJ*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Griffith-Joyner, Florence (USA) (1988)	time			4.07			6.90		8.74		10.61	10.61	/ 1			
	reaction time			interval			2.83		1.84		1.87	1.87	# of strides	4.07	2.83	
	velocity			7.37			10.60		10.87		10.70	9.43		7.37	10.60	
Ashford, Evelyn (USA) (1957)				no information available								10.81	/ 2			# of strides
Torrence, Gwen (USA) (1965)				no information available								10.91	/ 3			# of strides
Echols, Sheila (USA) (1964)				no information available								11.00	/ 4			# of strides
Brown, Alice (USA) (1960)				no information available								11.04	/ 5			# of strides

Young, Dannette (USA) (1964)	no information available	11.19	/ 6	# of strides
Inniss, Jennifer (USA) (1959)	no information available	11.21	/ 7	# of strides

Quarter-Final 1

date 16-Jul-88 wind 0.0 m/s

Veney - Split times from PJ

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Griffith-Joyner, Florence (USA) (1961) time			4.09	5.05	5.97	6.87	7.76	8.66	9.56	10.49	10.49	5 / 1			
reaction time	interval			0.96	0.92	0.90	0.89	0.90	0.90	0.93	WR	# of strides	4.09	2.78	2.69
velocity			9.78	10.42	10.87	11.11	11.24	11.11	11.11	10.75	9.53	47.5	7.33	10.79	11.15

1987 IAAF World Championships (Rome. ITA)**FINAL**

date 30-Aug-87 wind -0.5 m/s

Ward-Smith (2000) - Energy conversion rates during sprinting an emphasis on the performance of female athletes

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Gladisch-Möller, Silke (GDR) (1961) time	2.01	3.11	4.15	5.12	6.07	7.00	7.93	8.90	9.89	10.90	10.90	6 / 1					
reaction time 0.141	interval			1.10	1.04	0.97	0.95	0.93	0.93	0.97	0.99	1.01	CR	# of strides	4.15	2.85	2.89
velocity			4.98	9.09	9.62	10.31	10.53	10.75	10.75	10.31	10.10	9.90	9.17	53.0	7.23	10.53	10.38
Daute-Drechsler, Heike (GDR) (1958) time	2.12	3.22	4.25	5.22	6.18	7.10	8.04	9.00	10.00	11.00	11.00	4 / 2					
reaction time 0.210	interval			1.10	1.03	0.97	0.96	0.92	0.94	0.96	1.00	1.00		# of strides	4.25	2.85	2.90
velocity			4.72	9.09	9.71	10.31	10.42	10.87	10.64	10.42	10.00	10.00	9.09	46.8	7.06	10.53	10.34
Ottey, Merlene (JAM) (1960) time	2.02	3.13	4.17	5.16	6.12	7.07	8.02	8.99	10.02	11.04	11.04	5 / 3					
reaction time 0.172	interval			1.11	1.04	0.99	0.96	0.95	0.97	1.03	1.02		# of strides	4.17	2.90	2.95	
velocity			4.95	9.01	9.62	10.10	10.42	10.53	10.53	10.31	9.71	9.80	9.06	47.1	7.19	10.34	10.17
Williams, Diane (USA) (1960) time	2.08	3.20	4.24	5.24	6.21	7.15	8.11	9.07	10.07	11.07	11.07	2 / 4					
reaction time 0.240	interval			1.12	1.04	1.00	0.97	0.94	0.96	1.00	1.00		# of strides	4.24	2.91	2.92	
velocity			4.81	8.93	9.62	10.00	10.31	10.64	10.42	10.00	10.00	9.03	50.2	7.08	10.31	10.27	
Taylor-Issajenko, Angella (CAN) (1962) time	2.02	3.13	4.17	5.16	6.12	7.08	8.04	9.03	10.06	11.09	11.09	3 / 5					
reaction time 0.203	interval			1.11	1.04	0.99	0.96	0.96	0.96	1.03	1.03		# of strides	4.17	2.91	2.98	
velocity			4.95	9.01	9.62	10.10	10.42	10.42	10.10	9.71	9.71	9.02	49.6	7.19	10.31	10.07	
Nuneva, Anelia (BUL) (1962) time	2.01	3.12	4.15	5.14	6.10	7.06	8.01	9.01	10.05	11.09	11.09	7 / 6 5					
reaction time 0.169	interval			1.11	1.03	0.99	0.96	0.96	0.95	1.00	1.04	1.04	# of strides	4.15	2.91	2.99	
velocity			4.98	9.01	9.71	10.10	10.42	10.42	10.53	10.00	9.62	9.62	9.02	50.5	7.23	10.31	10.03
Bailey, Angela (CAN) (1962) time	2.07	3.19	4.22	5.22	6.21	7.16	8.12	9.11	10.15	11.18	11.18	8 / 7 6					
reaction time 0.191	interval			1.12	1.03	1.00	0.99	0.95	0.96	0.99	1.04	1.03	# of strides	4.22	2.94	2.99	
velocity			4.83	8.93	9.71	10.00	10.10	10.53	10.42	10.10	9.62	9.71	8.94	50.2	7.11	10.20	10.03
Marshall, Pam (USA) (1960) time	2.14	3.28	4.28	5.28	6.27	7.21	8.16	9.13	10.15	11.19	11.19	1 / 8 7					
reaction time 0.242	interval			1.14	1.00	1.00	0.99	0.94	0.95	1.02	1.04		# of strides	4.28	2.93	2.94	
velocity			4.67	8.77	10.00	10.00	10.10	10.64	10.53	10.31	9.80	9.62	8.94	45.4	7.01	10.24	10.20

Semi-Final 2

date 30-Aug-87 wind 0.7 m/s

Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m	
Daute-Drechsler, Heike (GDR) (1958) time	2.16	3.27	4.28	5.24	6.17	7.12	8.07	9.02	9.98	10.95	10.95	3 / 1				
reaction time	interval			1.11	1.01	0.96	0.93	0.95	0.95	0.96	0.97		# of strides	4.28	2.84	2.86
velocity			4.63	9.01	9.90	10.42	10.75	10.53	10.53	10.42	10.31	9.13	46.0	7.01	10.56	10.49
Nuneva, Anelia (BUL) (1962) time			4.18			7.05				11.01	11.01	5 / 2				
reaction time	interval					2.87				3.96		# of strides	4.18	2.87		
velocity			7.18			10.45				10.10	9.08	50.0	7.18	10.45		
Williams, Diane (USA) (1960) time			4.26			7.18				11.07	11.07	4 / 3				
reaction time	interval					2.92				3.89		# of strides	4.26	2.92		
velocity			7.04			10.27				10.28	9.03	50.0	7.04	10.27		
Bailey, Angela (CAN) (1962) time			4.20			7.12				11.07	11.07	2 / 4				
reaction time	interval					2.92				3.95		# of strides	4.20	2.92		
velocity			7.14			10.27				10.13	9.03	52.0	7.14	10.27		

Semi-Final 1

date 30-Aug-87 wind 2.2 m/s

Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics

	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m		
Gladisch-Möller, Silke (GDR) (1961) time	2.02	3.12	4.14	5.10	6.05	6.99	7.92	8.87	9.83	10.82	10.82	4 / 1					
reaction time	interval			1.10	1.02	0.96	0.95	0.94	0.93	0.95	0.96	0.99	# of strides	4.14	2.85	2.84	
velocity			4.95	9.09	9.80	10.42	10.53	10.64	10.75	10.53	10.42	10.10	9.24	51.8	7.25	10.53	10.56
Ottey, Merlene (JAM) (1960) time	2.07	3.14	4.18	5.13	6.10	7.04	8.00	8.94	9.89	10.89	10.89	5 / 2					
reaction time	interval			1.07	1.04	0.95	0.97	0.94	0.96	0.94	0.95	1.00	# of strides	4.18	2.86	2.85	
velocity			4.83	9.35	9.62	10.53	10.31	10.64	10.42	10.64	10.53	10.00	9.18	46.7	7.18	10.49	10.53
Taylor-Issajenko, Angella (CAN) (1962) time	2.07	3.14	4.18	5.13	6.10	7.05	8.02	8.99	9.97	10.99	10.99	6 / 3					
reaction time	interval			1.07	1.04	0.95	0.97	0.95	0.97	0.98	1.02		# of strides	4.18	2.87	2.92	
											DV						

Francis (1997) - training for speed

velocity	4.83	9.35	9.62	10.53	10.31	10.53	10.31	10.31	10.20	9.80	9.10	49.2	7.18	10.45	10.27
Marshall, Pam (USA) (1960)	time		4.28			7.18				11.06	11.06	3 / 4 3			
reaction time	interval					2.90				3.88		# of strides	4.28	2.90	
velocity		7.01				10.34				10.31	9.04	45.0	7.01	10.34	

Quarter-Final 4

date	29-Aug-87	wind	-1.1 m/s	<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ottey, Merlene (JAM) (1960)	time	2.04	3.15	4.22	5.20	6.18	7.17	8.20	9.23	10.25	11.27	11.27	5 / 1			
reaction time	interval		1.11	1.07	0.98	0.98	0.99	1.03	1.03	1.02	1.02		# of strides	4.22	2.95	3.08
velocity		4.90	9.01	9.35	10.20	10.20	10.10	9.71	9.71	9.80	9.80	8.87	47.0	7.11	10.17	9.74
Gladisch-Möller, Silke (GDR) (1962)	time	2.08	3.18	4.22	5.21	6.19	7.16	8.18	9.23	10.26	11.29	11.29	3 / 2			
reaction time	interval		1.10	1.04	0.99	0.98	0.97	1.02	1.05	1.03	1.03		# of strides	4.22	2.94	3.10
velocity		4.81	9.09	9.62	10.10	10.20	10.31	9.80	9.52	9.71	9.71	8.86	52.0	7.11	10.20	9.68

Quarter-Final 3

date	29-Aug-87	wind	-1.6 m/s	<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Williams, Diane (USA) (1960)	time			4.17			7.14				11.21	11.21	5 / 1			
reaction time	interval						2.97				4.07		# of strides	4.17	2.97	
velocity				7.19			10.10				9.83	8.92	51.2	7.19	10.10	
Bailey, Angela (CAN) (1962)	time			4.25			7.22				11.31	11.31	7 / 2			
reaction time	interval						2.97				4.09		# of strides	4.25	2.97	
velocity				7.06			10.10				9.78	8.84	52.0	7.06	10.10	

Quarter-Final 2

date	29-Aug-87	wind	1.6 m/s	<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Taylor-Issajenko, Angella (CAN) (1962)	time			4.15			7.02				10.99	10.99	4 / 4			
reaction time	interval						2.87				3.97	DV	# of strides	4.15	2.87	
velocity				7.23			10.45				10.08	9.10	48.0	7.23	10.45	
Marshall, Pam (USA) (1960)	time			4.29			7.19				11.21	11.21	5 / 3 2			
reaction time	interval						2.90				4.02		# of strides	4.29	2.90	
velocity				6.99			10.34				9.95	8.92	44.5	6.99	10.34	

Quarter-Final 1

date	29-Aug-87	wind	-0.3 m/s	<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Daute-Drechsler, Heike (GDR) (1962)	time	2.15	3.26	4.29	5.26	6.22	7.18	8.13	9.10	10.08	11.08	11.08	6 / 1			
reaction time	interval		1.11	1.03	0.97	0.96	0.96	0.95	0.97	0.98	1.00		# of strides	4.29	2.89	2.90
velocity		4.65	9.01	9.71	10.31	10.42	10.42	10.53	10.31	10.20	10.00	9.03	46.0	6.99	10.38	10.34
Nuneva, Anelia (BUL) (1962)	time			4.23			7.23				11.29	11.29	3 / 2			
reaction time	interval						3.00				4.06		# of strides	4.23	3.00	
velocity				7.09			10.00				9.85	8.86	51.0	7.09	10.00	
Phipps, Angela (CAN) (1964)	time	2.08	3.34	4.46	5.47	6.48	7.53	8.56	9.60	10.62	11.67	11.67	2 / 5			
reaction time	interval	0.230	1.26	1.12	1.01	1.01	1.05	1.03	1.04	1.02	1.05		# of strides	4.46	3.07	3.09
velocity		4.81	7.94	8.93	9.90	9.90	9.52	9.71	9.62	9.80	9.52	8.57	50.0	6.73	9.77	9.71

Heat 7

date	29-Aug-87	wind	-0.6 m/s	<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Williams, Diane (USA) (1960)	time			4.23			7.21				11.22	11.22	6 / 1			
reaction time	interval						2.98				4.01		# of strides	4.23	2.98	
velocity				7.09			10.07				9.98	8.91	51.0	7.09	10.07	

Heat 6

date	29-Aug-87	wind	0.7 m/s	<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Taylor-Issajenko, Angella (CAN) (1962)	time			4.27			7.26				11.42	11.42	1 / 2			
reaction time	interval						2.99				4.16	DV	# of strides	4.27	2.99	
velocity				7.03			10.03				9.62	8.76	47.0	7.03	10.03	

Heat 5

date	29-Aug-87	wind	0.2 m/s	<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gladisch-Möller, Silke (GDR) (1962)	time	2.10	3.23	4.31	5.31	6.31	7.31	8.31	9.31	10.34	11.40	11.42	1 / 2			
reaction time	interval		1.13	1.08	1.00	1.00	1.00	1.00	1.00	1.03	1.06		# of strides	4.31	3.00	3.03
velocity		4.76	8.85	9.26	10.00	10.00	10.00	10.00	10.00	9.71	9.43	8.76	46.0	6.96	10.00	9.90
Marshall, Pam (USA) (1960)	time			4.28			7.33				11.44	11.44	1 / 3			
reaction time	interval	0.242					3.05				4.11		# of strides	4.28	3.05	
velocity				7.01			9.84				9.73	8.74	45.0	7.01	9.84	

Heat 4

date	29-Aug-87	wind	-0.6 m/s	<i>Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics</i>											
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		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nuneva, Anelia (BUL) (1962)	time			4.20			7.18				11.37	11.37	/ 1			
	reaction time						2.98				4.19		# of strides	4.20	2.98	
	interval										9.55	8.80		7.14	10.07	

Heat 3 date 29-Aug-87 wind 1.0 m/s *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Bailey, Angela (CAN) (1962)	time			4.38			7.41				11.52	11.52	/ 2			
	reaction time						3.03				4.11		# of strides	4.38	3.03	
	interval										9.73	8.68		6.85	9.90	

Heat 2 date 29-Aug-87 wind 1.3 m/s *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ottey, Merlene (JAM) (1960)	time	2.06	3.22	4.25	5.25	6.26	7.24	8.24	9.24	10.24	11.26	11.26	2 / 1			
	reaction time												# of strides	4.25	2.99	3.00
	interval													45.0	7.06	10.03

Heat 1 date 29-Aug-87 wind 2.3 m/s *Moravec (1988) - the 1987 IAF/IAAF scientific project report: time analysis at the 2nd WC in athletics*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Daute-Drechsler, Heike (GDR) (1961)	time	2.16	3.27	4.30	5.25	6.20	7.15	8.10	9.05	10.01	11.02	11.02	7 / 1			
	reaction time												# of strides	4.30	2.85	2.86
	interval													45.5	6.98	10.53

1987 East German National Championships (Potsdam, GDR)

FINAL date 20-Aug-97 wind 0.6 m/s *Tepper (1989) - zum entwicklungsstand und zum trainingssystem des ddr-frauenkurzsprints*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Gladisch-Möller, Silke (GDR) (1961)	time			4.15			7.00		8.91		10.86	10.86	/ 1			
	reaction time						2.85		1.91		1.95	PB	# of strides	4.15	2.85	
	interval													7.23	10.53	

1987 European Cup (Prague, TCH)

FINAL date 28-Jun-87 wind -0.4 m/s *Sušanka (1987) - hints on computer processing of biomechanical data*

		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	2.03	3.19	4.17	5.14	6.10	7.04	8.00	8.98	9.97	10.95	10.95	5 / 1			
	reaction time												# of strides	4.17	2.87	2.93
	interval													55.0	7.19	10.45
Nuneva, Anelia (BUL) (1962)	time	2.03	3.16	4.15	5.12	6.08	7.05	8.04	9.06	10.07	11.08	11.08	3 / 2			
	reaction time												# of strides	4.15	2.90	3.02
	interval													50.9	7.23	10.34
Sarvari, Ulrike (FRG) (1964)	time	2.08	3.19	4.23	5.23	6.21	7.19	8.20	9.24	10.28	11.30	11.30	1 / 3			
	reaction time												# of strides	4.23	2.96	3.09
	interval													52.6	7.09	10.14
Dunn, Paula (GBR) (1964)	time	2.12	3.27	4.31	5.33	6.31	7.29	8.31	9.31	10.33	11.37	11.37	6 / 4			
	reaction time												# of strides	4.31	2.98	3.04
	interval													53.9	6.96	10.07
Murková, Eva (TCH) (1962)	time	2.04	3.21	4.25	5.25	6.25	7.25	8.28	9.32	10.37	11.43	11.43	4 / 5			
	reaction time												# of strides	4.25	3.00	3.12
	interval													50.9	7.06	10.00
Bily, Laurence (FRA) (1963)	time	2.04	3.23	4.26	5.27	6.29	7.29	8.31	9.34	10.38	11.44	11.44	7 / 6			
	reaction time												# of strides	4.26	3.03	3.09
	interval													52.4	7.04	9.90
Kasprzyk, Ewa (POL) (1957)	time	2.09	3.30	4.33	5.35	6.34	7.33	8.35	9.38	10.41	11.45	11.45	8 / 7			
	reaction time												# of strides	4.33	3.00	3.08
	interval													55.3	6.93	10.00
Slyusar, Irina (URS) (1963)	time	2.09	3.26	4.29	5.29	6.30	7.30	8.34	9.38	10.43	11.49	11.49	2 / 8			
	reaction time												# of strides	4.29	3.01	3.13
	interval													52.7	6.99	9.97

1987 Snamenski Memorial (Moscow, URS)

FINAL date 07-Jun-87 wind -0.6 m/s *Levchenko (1990) - questions and answers about women's sprinting*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Nuneva, Anelia (BUL) (1962)	time			3.79			6.69		8.62		10.58	10.92	/ 1			
	reaction time						2.90		1.93		1.96	NR	# of strides	3.79	2.90	
	interval													50.0	7.92	10.34

Heat 5 date 07-Jun-87 wind -0.7 m/s *Levchenko (1990) - questions and answers about women's sprinting*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
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Zhirova, Marina (URS) (1963)	time	3.97	7.03	9.07	11.15	11.50	/ 2											
reaction time	interval		3.06	2.04	2.08		# of strides	3.97	3.06									
	velocity	7.56	9.80	9.80	9.62	8.70		49.6	7.56	9.80								

1986 Golden Ovals (Dresden, GDR)**FINAL**date 16-Aug-86 wind 1.0 m/s *Tepper (1989) - zum entwicklungsstand und zum trainingssyste des ddr-frauenkurzsprints*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Daute-Drechsler, Heike (GDR) (1968)	time			4.23			7.09		8.99		10.94	10.94	/ 1			
reaction time	interval						2.86		1.90		1.95		# of strides	4.23	2.86	
	velocity			7.09			10.49		10.53		10.26	9.14		7.09	10.49	

1986 IAAF World Junior Championships (Athens, GRE)**FINAL**date 17-Jul-86 wind 0.9 m/s *Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Iheagwam, Tina (NGR) (1968)	time	2.00	3.12	4.18	5.19	6.21	7.21	8.22	9.33	10.26	11.34	11.34	/ 1			
reaction time	0.187 interval		1.12	1.06	1.01	1.02	1.00	1.01	1.11	0.93	1.08	CR	# of strides	4.18	3.03	3.05
	velocity	5.00	8.93	9.43	9.90	9.80	10.00	9.90	9.01	10.75	9.26	8.82		7.18	9.90	9.84
Smith, Caryl (USA) (1969)	time	2.08	3.26	4.42	5.36	6.35	7.35	8.34	9.45	10.40	11.45	11.45	/ 2			
reaction time	0.159 interval		1.18	1.16	0.94	0.99	1.00	0.99	1.11	0.95	1.05		# of strides	4.42	2.93	3.05
	velocity	4.81	8.47	8.62	10.64	10.10	10.00	10.10	9.01	10.53	9.52	8.73		6.79	10.24	9.84
Malone, Maicel (USA) (1969)	time	2.01	3.16	4.24	5.31	6.34	7.30	8.27	9.47	10.43	11.49	11.49	/ 3			
reaction time	0.151 interval		1.15	1.08	1.07	1.03	0.96	0.97	1.20	0.96	1.06		# of strides	4.24	3.06	3.13
	velocity	4.98	8.70	9.26	9.35	9.71	10.42	10.31	8.33	10.42	9.43	8.70		7.08	9.80	9.58
Krabbe, Katrin (GDR) (1969)												11.49	/ 4			
Lepping, Claudia (GDR) (1968)												11.56	/ 5			
Leroy, Muriel (FRA) (1968)												11.60	/ 6			
Sibide, Odiah (FRA) (1970)												11.69	/ 7			

1986 Goodwill Games (Moscow, URS)**FINAL**date 08-Jun-83 wind 0.2 m/s *Levchenko (1990) - questions and answers about women's sprinting*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Ashford, Evelyn (USA) (1957)												10.91	6 / 1		# of strides	52.0
Drechsler, Heike (GDR) (1964)												10.91	2 / 2		# of strides	46.2
Barbashina, Elvira (URS) (1963)												11.12	5 / 3		# of strides	52.7
Brown, Alice (USA) (1960)												11.14	4 / 4		# of strides	55.0
Slyusar, Irina (URS) (1963)												11.22	3 / 5		# of strides	53.5
Nastoburko, Antonina (URS) (1959)												11.29	7 / 6		# of strides	51.5
Nuneva, Anelia (BUL) (1962)	time			3.94			6.99		9.00		11.07	11.40	1 / 7			
reaction time	interval						3.05		2.01		2.07		# of strides	3.94	3.05	
	velocity			7.61			9.84		9.95		9.66	8.77		52.5	7.61	9.84
Bailey, Angela (CAN) (1962)												11.50	8 / 8		# of strides	

1984 Olympic Games (Los Angeles, CA)**FINAL**

date 05-Aug-84 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
Ashford, Evelyn (USA) (1957)	0.166											10.97	4 / 1		# of strides	52.0
Brown, Alice (USA) (1960)	0.177											11.13	7 / 2		# of strides	56.0
Otley-Page, Merlene (JAM) (1960)	0.161											11.16	6 / 3		# of strides	49.0
Bolden, Jeanette (USA) (1960)	0.190											11.25	1 / 4		# of strides	46.0
Jackson, Grace (JAM) (1961)	0.171											11.39	7 / 5		# of strides	56.0
Bailey, Angela (CAN) (1962)	0.169											11.40	8 / 6		# of strides	44.5
Oakes, Heather (GBR) (1959)	0.159											11.43	2 / 7		# of strides	50.0
Taylor, Angella (CAN) (1958)	0.178											11.62	3 / 8		# of strides	50.7

1984 Olympischen Tag (Potsdam, GDR)**A FINAL**date 20-Jul-84 wind -0.5 m/s *Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazzyklus 1981/84*

		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Auerswald, Ingrid (GDR) (1957)	time			4.20			7.13		9.09		11.13	11.13	/ 2			
reaction time	interval						2.93		1.96		2.04		# of strides	4.20	2.93	
	velocity			7.14			10.24		10.20		9.80	8.98		7.14	10.24	

1983 IAAF World Championships (Helsinki, FIN)**FINAL**date 08-Aug-83 wind -0.5 m/s *Butler (2019) - IAAF world championships statistics handbook- Doha 2019*
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
Göhr, Marlies (GDR) (1958)	time		3.08	4.10	5.08	6.04	6.98	7.96	8.93		10.97	10.97	8 / 1			
reaction time	0.131 interval			1.02	0.98	0.96	0.94	0.98	0.97		2.04	CR	# of strides	4.10	2.88	
	velocity		6.49	9.80	10.20	10.42	10.64	10.20	10.31		9.80	9.12		56.0	7.32	10.42

Koch, Marita (GDR) (1957)	time	3.08	4.11	5.09	6.06	7.02	7.99	8.97	11.02	11.02	4 / 2			
	reaction time	0.172	interval		1.03	0.98	0.97	0.96	0.97	0.98	# of strides	4.11	2.91	
	velocity		6.49	9.71	10.20	10.31	10.42	10.31	10.20	9.76	9.07	51.0	7.30	10.31
Williams, Diane (USA) (1960)	time	3.12		5.16	6.16	7.13	8.13	9.11	11.06	11.06	6 / 3			
	reaction time	0.177	interval		2.04	1.00	0.97	1.00	0.98	1.95	# of strides			
	velocity		6.41	9.80	10.00	10.31	10.00	10.20	10.26	9.04	49.5			
Ottey, Merlene (JAM) (1960)	time	3.12		5.18	6.16	7.13	8.13	9.11	11.19	11.19	5 / 4			
	reaction time	0.186	interval		2.06	0.98	0.97	1.00	0.98	2.08	# of strides			
	velocity		6.41	9.71	10.20	10.31	10.00	10.20	9.62	8.94	48.0			
Bailey, Angela (CAN) (1962)	time	3.10		5.15	6.12	7.11	8.10	9.10	11.20	11.20	7 / 5			
	reaction time	0.157	interval		2.05	0.97	0.99	0.99	1.00	2.10	# of strides			
	velocity		6.45	9.76	10.31	10.10	10.10	10.00	9.52	8.93	53.2			
Marjamaa, Helinä (FIN) (1956)	time	3.10		5.18	6.16	7.15	8.14	9.14	11.24	11.24	1 / 6			
	reaction time	0.140	interval		2.08	0.98	0.99	0.99	1.00	2.10	# of strides			
	velocity		6.45	9.62	10.20	10.10	10.10	10.00	9.52	8.90	49.0			
Taylor, Angella (CAN) (1957)	time	3.12		5.19	6.20	7.18	8.17	9.20	11.30	11.30	3 / 7			
	reaction time	0.185	interval		2.07	1.01	0.98	0.99	1.03	2.10	# of strides			
	velocity		6.41	9.66	9.90	10.20	10.10	9.71	9.52	8.85	50.0			
Ashford, Evelyn (USA) (1957)	time		4.13							dnf	2 / --			Butler (2013)
	reaction time		interval								# of strides	4.13		
	velocity		7.26									7.26		

Semi-Final 2

	date	08-Aug-83	wind	-0.6 m/s	<i>Moravec (1986) - IAAF biomechanical research - Athens 1986 - sprints</i>														
					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	

1983 Olympischen Tag (East Berlin, GDR)**A FINAL**

	date	08-Jun-83	wind	1.7 m/s	<i>Bauersfeld (1992) - Grundlagen der Leichtathletik: das Standardwerk für Ausbildung und Praxis</i>														
					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		interval							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			
Koch, Marita (GDR) (1957)	time						4.11			6.97		8.88	10.83	10.83	/ 2				
	reaction time		interval							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			
Gladisch, Silke (GDR) (1964)	time						4.20			7.09		9.04	11.03	11.03	/ 3				
	reaction time		interval							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			

1982 East German Spitzenklasse (Cottbus, GDR)**FINAL**

	date	21-Aug-82	wind	4.3 m/s	<i>Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazzyklus 1981/84</i>														
					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		interval							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			

1982 East German National Championships (Dresden, GDR)**FINAL**

	date	01-Jul-82	wind	1.0 m/s	<i>Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazzyklus 1981/84</i>														
					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

	date	13-Jun-81	wind	???	<i>Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazzyklus 1981/84</i>														
					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		interval							2.95		2.01	2.08	# of strides	4.30	2.95			
	velocity						6.98			10.17		9.95	9.62	8.82	6.98	10.17			

1980 Olympic Games (Moscow, URS)**FINAL**

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

Kondratyeva, Lyudmila (URS) (1st time)		7.11									11.06	11.06	5 / 1			
reaction time	0.155	interval									3.95		# of strides			
		velocity									10.13	9.04	51.2			
Göhr, Marlies (GDR) (1958)	0.139	no information available										11.07	8 / 2	# of strides	56.0	
Auerswald, Ingrid (GDR) (1957)	0.126	no information available										11.14	4 / 1	# of strides	54.5	
Haglund, Linda (SWE) (1956)	0.148	no information available										11.16	1 / 4	# of strides	49.5	
Müller, Romy (GDR) (1958)	0.127	no information available										11.16	7 / 5	# of strides	54.7	
Smallwood, Kathy (GBR) (1960)	0.163	no information available										11.28	6 / 6	# of strides	46.0	
Réga, Chantal (FRA) (1955)	0.157	no information available										11.32	2 / 7	# of strides	51.5	
Hunte, Heather (GBR) (1959)	0.139	no information available										11.34	3 / 8	# of strides	50.0	

1980 East German Olympic Test Meeting (East Berlin, GDR)**FINAL**

date	09-Jul-80	wind	2.0 m/s	Heß (1985) - entwicklungsaspekte die leichtathletischen sprint-/hürdendisziplinen im olympiazyklus 1981/84												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Wöckel, Bärbel (GDR) (1955)	time			4.32			7.27		9.26		11.24	11.24	4 / 1			
reaction time	interval						2.95		1.99		1.98		# of strides	4.32	2.95	
	velocity			6.94			10.17		10.05		10.10	8.90		6.94	10.17	

1977 East German National Championships (Dresden, GDR)**FINAL**

date	01-Jul-77	wind	2.0 m/s	Heß (1978) - die geschwindigkeitsdynamik von sprintern im 100m-lauf bei wettkampflaufen in olympiazyklus 1973/76												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Oelsner, Marlies (GDR) (1958)	time			4.12			7.00		8.92		10.88	10.88	4 / 1			
reaction time	interval						2.88		1.92		1.96	WR / WYB	# of strides	4.12	2.88	
	velocity			7.28			10.42		10.42		10.20	9.19	55.0	7.28	10.42	
Hamann, Monika (GDR) (1954)	time			4.16			7.10		9.03		11.03	11.03	2 / 2			
reaction time	interval						2.94		1.93		2.00	PB	# of strides	4.16	2.94	
	velocity			7.21			10.20		10.36		10.00	9.07	53.5	7.21	10.20	

1977 GDR vs. USSR vs. Poland (Karl-Marx-Stadt, GDR)**FINAL**

date	25-Jun-77	wind	???	Heß (1978) - die geschwindigkeitsdynamik von sprintern im 100m-lauf bei wettkampflaufen in olympiazyklus 1973/76												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Hamann, Monika (GDR) (1954)	time			4.22			7.22		9.22		11.28	11.28	1 / 1			
reaction time	interval						3.00		2.00		2.06		# of strides	4.22	3.00	
	velocity			7.11			10.00		10.00		9.71	8.87		7.11	10.00	

1976 Olympic Games (Montreal, CAN)**FINAL**

date	25-Jul-76	wind	0.0 m/s	Heß (1978) - die geschwindigkeitsdynamik von sprintern im 100m-lauf bei wettkampflaufen in olympiazyklus 1973/76												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Richter, Annegret (FRG) (1950)												11.08	7 / 1	# of strides	50.0	
Stecher, Renate (GDR) (1950)												11.13	4 / 2	# of strides	53.7	
Helten, Inge (FRG) (1957)												11.17	1 / 3	# of strides	50.7	
Boyle, Raelene (AUS) (1951)												11.23	8 / 4	# of strides	52.0	
Ashford, Evelyn (USA) (1957)												11.24	5 / 5	# of strides	50.7	
Cheeseborough, Chandra (USA) (1959)												11.31	2 / 6	# of strides	48.5	
Lynch, Andrea (GBR) (1952)												11.32	3 / 7	# of strides	49.5	
Oelsner, Marlies (GDR) (1958)												11.34	6 / 8	# of strides	54.0	

1976 East German Olympic Qualifier (Karl-Marx-Stadt, GDR)**FINAL**

date	29-May-76	wind	1.3 m/s	Heß (1978) - die geschwindigkeitsdynamik von sprintern im 100m-lauf bei wettkampflaufen in olympiazyklus 1973/76												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Stecher, Renate (GDR) (1950)	time			4.23			7.14		9.10		11.10	11.10	1 / 1			
reaction time	interval						2.91		1.96		2.00		# of strides	4.23	2.91	
	velocity			7.09			10.31		10.20		10.00	9.01		7.09	10.31	
Blos, Martina (GDR) (1957)	time			4.26			7.22		9.19		11.19	11.19	1 / 3			
reaction time	interval						2.96		1.97		2.00	PB	# of strides	4.26	2.96	
	velocity			7.04			10.14		10.15		10.00	8.94		7.04	10.14	
Bodendorf, Carla (GDR) (1953)	time			4.31			7.28		9.23		11.22	11.22	1 / 5			
reaction time	interval						2.97		1.95		1.99	PB	# of strides	4.31	2.97	
	velocity			6.96			10.10		10.26		10.05	8.91		6.96	10.10	
Schneider, Romy (GDR) (1958)	time			4.26			7.22		9.19		11.22	11.22	1 / 5			
reaction time	interval						2.96		1.97		2.03	PB	# of strides	4.26	2.96	
	velocity			7.04			10.14		10.15		9.85	8.91		7.04	10.14	

1973 East German Spitzenklasse (Dresden, GDR) Heß (1978) - die geschwindigkeitsdynamik von sprintern im 100m-lauf bei wettkampflaufen in olympiazyklus 1973/76**FINAL**

date	20-Jul-73	wind	1.8 m/s	Tepper (1978) - Analyse der trainingsgestaltung und leistungsentwicklung in den sprintdisziplinen der M und F												
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Stecher, Renate (GDR) (1950)	time			4.22			7.17		9.12		11.07	10.8	1 / 1			Tepper (1978)
reaction time	interval						2.95		1.95		1.95	=WR / =PB	# of strides	4.22	2.95	

	velocity	7.11	10.17	10.26	10.26	9.26		7.11	10.17
Hamann, Monika (GDR) (1954)	time	4.26	7.30	9.32	11.45	11.45	/ 2		Heß (1978)
	reaction time		3.04	2.02	2.13	2.13	# of strides	4.26	3.04
	velocity	7.04	9.87	9.90	9.39	8.73		7.04	9.87

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

date 02-Sep-72		wind -0.2 m/s										<i>Breizer (1984) - sprint competition analysis</i>				
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Stecher, Renate (GDR) (1950)	time			4.12			7.07		9.07		11.07	11.07	3 / 1			
	reaction time						2.95		2.00		2.00	WR	# of strides	4.12	2.95	
	velocity			7.28			10.17		10.00		10.00	9.03	53.5	7.28	10.17	
Boyle, Raelene (AUS) (1951)	time			4.16			7.20		9.23		11.23	11.23	1 / 2			
	reaction time						3.04		2.03		2.00	8.90	# of strides	4.16	3.04	
	velocity			7.21			9.87		9.85		10.00	8.90	53.5	7.21	9.87	
Chivás, Silvia (CUB) (1954)	time			4.18			7.18		9.21		11.24	11.24	6 / 3			
	reaction time						3.00		2.03		2.03	8.90	# of strides	4.18	3.00	
	velocity			7.18			10.00		9.85		9.85	8.90	52.5	7.18	10.00	
Davis, Iris (USA) (1950)	time			4.18			7.20		9.25		11.32	11.32	4 / 4			
	reaction time						3.02		2.05		2.07	8.83	# of strides	4.18	3.02	
	velocity			7.18			9.93		9.76		9.66	8.83	51.5	7.18	9.93	
Richter, Annegret (FRG) (1950)	time			4.18			7.30		9.33		11.38	11.38	2 / 5			
	reaction time						3.12		2.03		2.05	8.79	# of strides	4.18	3.12	
	velocity			7.18			9.62		9.85		9.76	8.79	53.0	7.18	9.62	
Annum, Alice (GHA) (1948)												11.41	8 / 6	# of strides	52.5	
Ferrell, Barbara (USA) (1947)												11.45	5 / 7	# of strides	52.0	
Lehocká-Glesková, Eva (TCH) (1943)												11.48	7 / 8			

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

date 15-Oct-68		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
Tyus, Wyomia (USA) (1945)											(11.08)	WR	11.0	3 / 1	# of strides	48.5
Ferrell, Barbara (USA) (1947)											(11.15)		11.1	5 / 2	# of strides	48.2
Szawińska, Irena (POL) (1946)											(11.19)		11.1	7 / 3	# of strides	44.5
Boyle, Raelene (AUS) (1951)											(11.20)		11.1	2 / 4	# of strides	52.0
Bailes, Margaret (USA) (1951)											(11.37)		11.3	4 / 5	# of strides	48.7
Burge, Dianne (AUS) (1943)											(11.44)		11.4	8 / 6	# of strides	
Chi Cheng (TPE) (1944)											(11.53)		11.5	1 / 7	# of strides	49.0
Cobián, Miguelina (CUB) (1941)											(11.61)		11.6	6 / 8	# of strides	

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

date 16-Oct-64		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
Tyus, Wyomia (USA) (1945)											(11.49)		11.4	6 / 1	# of strides	50.0
McGuire, Edith (USA) (1944)											(11.62)		11.6	7 / 2	# of strides	47.7
Klobukowska, Ewa (POL) (1946)											(11.64)		11.6	1 / 3	# of strides	48.2
White, Marilyn (USA) (1944)											(11.67)		11.6	8 / 4	# of strides	53.7
Cobián, Miguelina (CUB) (1941)											(11.72)		11.7	4 / 5	# of strides	51.2
Black, Marilyn (AUS) (1944)											(11.73)		11.7	5 / 6	# of strides	51.5
Górecka, Halina (POL) (1938)											(11.83)		11.8	3 / 7	# of strides	53.0
Hyman, Dorothy (GBR) (1941)											(11.90)		11.9	2 / 8	# of strides	53.7

1960 Olympic Games (Rome, ITA)**FINAL**

date 02-Sep-60		wind 2.8 m/s														
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Rudolph, Wilma (USA) (1940)											(11.18)		11.0	3 / 1	# of strides	48.2
Hyman, Dorothy (GBR) (1941)											(11.43)		11.3	2 / 2	# of strides	52.2
Leone, Guiseppina (ITA) (1934)											(11.48)		11.3	6 / 3	# of strides	54.5
Itkina, Mariya (URS) (1932)											(11.54)		11.4	4 / 4	# of strides	51.7
Capdevielle, Catherine (FRA) (1938)											(11.64)		11.5	1 / 5	# of strides	49.0
Smart, Jenny (GBR) (1943)											(11.72)		11.6	5 / 6	# of strides	51.2

1956 Olympic Games (Melbourne, AUS)**FINAL**

date 26-Nov-56		wind -2.3 m/s														
		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Cuthbert, Betty (AUS) (1938)											(11.82)		11.5	6 / 1	# of strides	51.0
Stubnick, Christa (EUA/GDR) (1933)											(11.92)		11.7	3 / 2	# of strides	53.0
Mathews, Marlene (AUS) (1934)											(11.94)		11.7	5 / 3	# of strides	53.0
Daniels, Isabelle (USA) (1937)											(11.98)		11.8	8 / 4	# of strides	52.7

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	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Jackson, Marjorie (AUS) (1931)													(11.67)	=WR	11.5	6 / 1	# of strides	52.7	
Hasenjäger, Daphne (RSA) (1929)													(12.05)		11.8	3 / 2	# of strides	52.5	
Strickland, Shirley (AUS) (1925)													(12.12)		11.9	5 / 3	# of strides	51.5	
Cripps, Winsome (AUS) (1931)													(12.16)		11.9	7 / 4	# of strides	55.0	
Sander, Maria (FRG) (1924)													(12.27)		12.0	4 / 5	# of strides	51.5	
Faggs, Mae (USA) (1932)													(12.27)		12.1	2 / 6	# of strides	59.5	

1948 Olympic Games (London, GBR)**FINAL**

	date	02-Aug-48	wind	against	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Blankers-Koen, Fanny (NED) (1918)															11.9	4 / 1	# of strides	51.0	
Manley, Dorothy (GBR) (1927)															12.2	7 / 2	# of strides	50.7	
Strickland, Shirley (AUS) (1925)															12.2	5 / 3	# of strides	52.0	
Myers, Viola (CAN) (1927)															12.3e	2 / 4	# of strides	50.2	
Jones, Patricia (CAN) (1930)															12.3e	6 / 5	# of strides	52.0	
Thompson, Cynthia (JAM) (1923)															12.6	3 / 6	# of strides	54.0	

1936 Olympic Games (Berlin, GER)**FINAL**

	date	04-Aug-36	wind	3.5 m/s	10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Stephens, Helen (USA) (1918)															11.5	5 / 1			
Walasiewicz, Stanisława (POL) (1911)															11.7	7 / 2			
Krauss, Käthe (GER) (1906)															11.9	6 / 3			
Dollinger, Marie (GER) (1910)															12.0	2 / 4			
Rogers, Annette (USA) (1913)															12.2	3 / 5			
Albus, Emmy (GER) (1911)															12.3	4 / 6			

1932 Olympic Games (Los Angeles, CA)**FINAL**

	date	02-Aug-32	wind		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Walasiewicz, Stanisława (POL) (1911)															11.9	6 / 1	# of strides	54.5	
Strike, Hilda (CAN) (1910)															11.9	4 / 2	# of strides	55.5	
Von Bremen, Wilhelmina (USA) (1909)															12.0	2 / 3	# of strides	49.7	
Dollinger, Marie (GER) (1910)															12.2e	5 / 4	# of strides	53.0	
Hiscock, Eileen (GBR) (1909)															12.3e	7 / 5	# of strides		
Wilde, Elizabeth (USA) (1913)															12.3e	3 / 6	# of strides	51.0	

1928 Olympic Games (Amsterdam, NED)**FINAL**

	date	31-Jul-28	wind		10m	20m	30m	40m	50m	60m	70m	80m	90m	100m	Official Time	Lane / Place	0-30m	30-60m	60-90m
Robinson, Betty (USA) (1911)															12.2	6 / 1	# of strides	50.5	
Rosenfeld, Fanny (CAN) (1904)															12.2e	7 / 2	# of strides	59.2	
Smith, Ethel (CAN) (1907)															12.3e	2 / 3	# of strides	53.5	
Steinberg, Erna (GER) (1911)															12.4e	5 / 4	# of strides	54.5	