

	S1 SB1 SM1	S2 SB2 SM2	S3 SB3 SM3	S4 SB4 SM4	S5 SB5 SM5	S6 SB6 SM6	S7 SB7 SM7	S8 SB8 SM8	S9 SB9 SM9	S10 SM10	S11	S12	S13	S14	S15
50m free	3:22.76	2:11.36	1:41.71	1:15.32	1:02.94	1:00.55	59.41	54.53	51.64	48.06	53.81	47.78	45.35	48.97	38.91
100m free	7:18.13	4:40.53	3:27.01	2:41.95	2:13.84	2:12.99	2:04.90	1:57.25	1:50.39	1:43.82	1:55.52	1:43.82	1:36.72	1:45.46	1:24.27
200m free	15:45.21	10:05.21	6:36.30	5:39.74	4:38.52	4:38.52	4:29.45	4:12.95	3:57.81	3:43.97	4:08.87	3:49.18	3:49.19	4:03.12	3:00.73
400m free						10:00.91	9:06.91	8:45.45	8:03.55	7:42.99	8:41.49	8:02.02	7:26.86	7:58.74	6:18.97
800m free						20:35.31	18:40.79	17:56.83	16:34.05	15:51.79	17:52.04	16:30.90	15:18.64	16:21.10	12:58.39
1500m free							35:45.68	34:21.51	31:40.48	30:19.69	34:09.59	31:34.47	29:16.30	31:18.25	24:53.37
50m back	3:19.37	2:23.24	1:45.55	1:25.11	1:13.18										
100m back	7:05.52	5:05.71	3:45.28	3:01.65	2:36.20	2:36.20	2:26.47	2:13.45	2:04.54	2:04.11	2:18.20	1:54.06	1:53.06	2:02.37	1:35.05
200m back						5:36.39	5:12.49	4:44.83	4:25.80	4:24.79	5:12.10	4:14.35	4:14.35	4:21.18	3:24.39
50m brst	2:51.74	2:11.07	1:38.46												
100m brst	6:08.50	4:41.24	3:31.26	3:22.05	3:04.23	3:04.23	2:53.66	2:33.08	2:20.14		2:29.57	2:22.58	2:12.99	2:20.30	1:47.51
200m brst				7:13.55	6:37.39	6:37.39	6:14.60	5:30.20	5:02.29		5:16.27	5:03.14	4:58.32	4:50.11	3:50.99
50m fly	3:40.97	2:23.16	2:05.92	1:40.20	1:13.19	1:09.18	1:06.60								
100m fly					2:37.86	2:29.21	2:23.66	2:23.04	2:08.42	1:56.36	2:16.84	1:54.08	1:48.03	2:00.65	1:32.11
200m fly								5:06.54	4:37.00	4:09.66	4:53.61	4:21.33	4:21.33	4:22.55	3:21.87
150m IM	11:37.24	8:05.20	7:10.17	4:56.31											
200m IM			8:15.68	6:58.72	5:53.84	5:46.45	5:27.27	5:03.79	4:35.02	4:21.01	4:51.46	4:07.95	4:06.98	4:17.66	3:26.63
400m IM								10:39.39	9:41.16	9:11.55	10:17.21	9:30.38	9:16.79	9:02.29	7:13.57

	S1 SB1 SM1	S2 SB2 SM2	S3 SB3 SM3	S4 SB4 SM4	S5 SB5 SM5	S6 SB6 SM6	S7 SB7 SM7	S8 SB8 SM8	S9 SB9 SM9	S10 SM10	S11	S12	S13	S14	S15
50m free	2:03.30	1:45.69	1:22.70	1:04.60	57.22	50.38	46.50	45.35	43.31	40.74	41.25	41.16	40.55	41.35	33.31
100m free	4:28.07	3:44.18	3:06.76	2:22.43	2:08.07	1:50.93	1:42.64	1:41.42	1:35.16	1:28.88	1:29.07	1:28.36	1:27.53	1:30.61	1:13.21
200m free	9:46.21	8:10.23	6:35.43	5:04.27	4:34.57	4:02.37	3:44.45	3:41.68	3:28.08	3:14.35	3:19.07	3:19.07	3:19.07	3:28.79	2:40.01
400m free						8:36.31	7:58.88	7:37.83	7:10.81	6:47.47	7:09.54	6:59.64	6:49.55	7:17.11	5:39.21
800m free						17:51.65	16:34.20	15:52.34	14:54.20	14:05.76	14:50.08	14:30.28	14:11.90	15:07.26	11:45.59
1500m free							31:45.56	30:24.76	28:33.88	27:01.03	28:30.16	27:50.56	27:12.32	28:58.92	22:31.97
50m back	2:25.66	1:53.52	1:27.40	1:18.43	1:04.05										
100m back	5:13.84	4:06.08	3:09.45	2:50.02	2:18.83	2:07.90	2:03.59	1:52.54	1:48.34	1:42.40	1:49.58	1:46.34	1:42.56	1:44.75	1:22.45
200m back						4:37.25	4:26.97	4:02.50	3:54.48	3:16.27	4:02.00	4:00.25	3:44.86	3:47.06	2:57.65
50m brst	2:38.33	1:39.29	1:23.40												
100m brst	5:43.79	3:35.23	3:00.78	2:41.45	2:30.03	2:26.88	2:19.90	2:07.84	1:59.11		1:55.12	1:51.88	1:47.63	1:54.81	1:31.97
200m brst				5:49.99	5:23.28	5:16.49	5:01.44	4:37.05	4:18.19		4:16.37	4:04.78	4:02.59	4:09.30	3:18.79
50m fly	3:36.52	1:53.82	1:47.39	1:18.28	1:04.07	54.32	52.62								
100m fly					2:22.47	2:00.97	1:57.01	1:50.38	1:43.07	1:37.64	1:39.59	1:37.89	1:36.14	1:43.38	1:18.95
200m fly								4:05.43	3:49.18	3:37.45	3:41.44	3:40.09	3:38.74	3:50.22	2:55.55
150m IM	9:30.61	6:21.34	5:07.35	4:19.65											
200m IM			7:04.44	5:55.22	5:04.98	4:47.85	4:28.37	4:13.96	3:55.37	3:41.74	3:45.75	3:44.93	3:40.79	3:54.78	3:01.01
400m IM								8:59.40	8:19.91	7:50.95	8:05.14	8:05.14	8:00.06	7:59.54	6:24.43

	S1 SB1 SM1	S2 SB2 SM2	S3 SB3 SM3	S4 SB4 SM4	S5 SB5 SM5	S6 SB6 SM6	S7 SB7 SM7	S8 SB8 SM8	S9 SB9 SM9	S10 SM10	S11	S12	S13	S14	S15
50m free	3:23.76	2:12.36	1:42.71	1:15.32	1:02.94	59.55	58.41	53.53	50.64	47.06	52.81	46.78	44.35	47.97	37.91
100m free	7:20.13	4:42.53	3:29.01	2:41.95	2:13.84	2:10.99	2:02.90	1:55.25	1:48.39	1:41.82	1:53.52	1:41.82	1:34.72	1:43.46	1:22.27
200m free	15:49.21	10:09.21	6:40.30	5:39.74	4:38.52	4:38.52	4:25.45	4:08.95	3:53.81	3:39.97	4:04.87	3:45.18	3:45.18	3:59.12	2:56.73
400m free						9:48.91	8:54.91	8:33.45	7:51.55	7:30.99	8:29.49	7:50.02	7:14.86	7:46.74	6:06.97
800m free						20:11.31	18:16.79	17:32.83	16:10.05	15:27.79	17:28.04	16:06.90	14:54.64	15:57.10	12:34.39
1500m free							35:09.68	33:45.51	31:04.48	29:43.69	33:33.59	30:58.47	28:40.30	30:42.25	24:17.37
50m back	3:20.37	2:24.24	1:46.55	1:25.11	1:13.18										
100m back	7:07.52	5:07.71	3:47.28	3:01.65	2:36.20	2:36.20	2:24.47	2:11.45	2:02.54	2:02.11	2:16.20	1:52.06	1:51.06	2:00.37	1:33.05
200m back						5:32.39	5:08.49	4:40.83	4:21.80	4:20.79	5:08.10	4:10.35	4:10.35	4:17.18	3:20.39
50m brst	2:52.74	2:12.07	1:39.46												
100m brst	6:10.50	4:43.24	3:33.26	3:22.05	3:04.23	3:04.23	2:51.66	2:31.08	2:18.14		2:27.57	2:20.58	2:10.99	2:18.30	1:45.51
200m brst				7:13.55	6:37.39	6:37.39	6:10.60	5:26.20	4:58.29		5:12.27	4:59.14	4:54.32	4:46.11	3:46.99
50m fly	3:41.97	2:24.16	2:06.92	1:40.20	1:13.19	1:08.18	1:05.60								
100m fly					2:37.86	2:27.21	2:21.66	2:21.04	2:06.42	1:54.36	2:14.84	1:52.08	1:46.03	1:58.65	1:30.11
200m fly								5:02.54	4:33.00	4:05.66	4:49.61	4:17.33	4:17.33	4:18.55	3:17.87
150m IM	11:40.24	8:08.20	7:13.17	4:56.31											
200m IM			8:19.68	6:58.72	5:53.84	5:42.45	5:23.27	4:59.79	4:31.02	4:17.01	4:47.46	4:03.95	4:02.98	4:13.66	3:22.63
400m IM								10:27.39	9:29.16	8:59.55	10:05.21	9:18.38	9:04.79	8:50.29	7:01.57

	S1 SB1 SM1	S2 SB2 SM2	S3 SB3 SM3	S4 SB4 SM4	S5 SB5 SM5	S6 SB6 SM6	S7 SB7 SM7	S8 SB8 SM8	S9 SB9 SM9	S10 SM10	S11	S12	S13	S14	S15
50m free	2:04.30	1:46.69	1:23.70	1:04.60	57.22	49.38	45.50	44.35	42.31	39.74	40.25	40.16	39.55	40.35	32.31
100m free	4:30.07	3:46.18	3:08.76	2:22.43	2:08.07	1:48.93	1:40.64	1:39.42	1:33.16	1:26.88	1:27.07	1:26.36	1:25.53	1:28.61	1:11.21
200m free	9:50.21	8:14.23	6:39.43	5:04.27	4:34.57	3:58.37	3:40.45	3:37.68	3:24.08	3:10.35	3:15.07	3:15.07	3:15.07	3:24.79	2:36.01
400m free						8:24.31	7:46.88	7:25.83	6:58.81	6:35.47	6:57.54	6:47.64	6:37.55	7:04.11	5:27.21
800m free						17:27.65	16:10.20	15:28.34	14:30.20	13:41.76	14:26.08	14:06.28	13:47.90	14:43.26	11:21.59
1500m free							31:09.56	29:48.76	27:57.88	26:25.03	27:54.16	27:14.56	26:36.32	28:22.92	21:55.97
50m back	2:26.66	1:54.52	1:28.40	1:18.43	1:04.05										
100m back	5:15.84	4:08.08	3:11.45	2:50.02	2:18.83	2:05.90	2:01.59	1:50.54	1:46.34	1:40.40	1:47.58	1:44.34	1:40.56	1:42.75	1:20.45
200m back						4:33.25	4:22.97	3:58.50	3:50.48	3:12.27	3:58.00	3:56.25	3:40.86	3:43.06	2:53.65
50m brst	2:39.33	1:40.29	1:24.40												
100m brst	5:45.79	3:37.23	3:02.78	2:41.45	2:30.03	2:24.88	2:17.90	2:05.84	1:57.11		1:53.12	1:49.88	1:45.63	1:52.81	1:29.97
200m brst				5:49.99	5:23.28	5:12.49	4:57.44	4:33.05	4:14.19		4:12.37	4:00.78	3:58.59	4:05.30	3:14.79
50m fly	3:37.52	1:54.82	1:48.39	1:18.28	1:04.07	53.32	51.62								
100m fly					2:22.47	1:58.97	1:55.01	1:48.38	1:41.07	1:35.64	1:37.59	1:35.89	1:34.14	1:42.38	1:16.95
200m fly								4:01.43	3:45.18	3:33.45	3:37.44	3:36.09	3:34.74	3:46.22	2:51.55
150m IM	9:33.61	6:24.34	5:10.35	4:19.65											
200m IM			7:08.44	5:55.22	5:04.98	4:43.85	4:24.37	4:09.96	3:51.37	3:37.74	3:41.75	3:40.93	3:36.79	3:50.78	2:57.01
400m IM								8:47.40	8:07.91	7:38.95	7:53.14	7:53.14	7:48.06	7:47.54	6:12.43

	S1 SB1 SM1	S2 SB2 SM2	S3 SB3 SM3	S4 SB4 SM4	S5 SB5 SM5	S6 SB6 SM6	S7 SB7 SM7	S8 SB8 SM8	S9 SB9 SM9	S10 SM10	S11	S12	S13	S14	S15
50y free	3:05.24	2:00.33	1:33.37	1:08.47	57.22	54.14	53.10	48.66	46.03	42.78	48.01	42.53	40.32	43.61	34.46
100y free	6:40.12	4:16.85	3:10.01	2:27.22	2:01.67	1:59.08	1:51.73	1:44.77	1:38.54	1:32.56	1:43.20	1:32.56	1:24.11	1:34.05	1:14.79
200y free	14:22.92	9:13.83	6:03.91	5:08.85	4:13.20	4:13.20	4:01.32	3:46.32	3:32.55	3:19.97	3:42.61	3:24.70	3:24.70	3:37.38	2:40.66
500y free						10:59.22	9:57.85	9:33.47	8:45.85	8:22.49	9:28.97	8:44.11	8:04.16	8:40.39	6:47.01
1000y free						22:36.49	20:26.35	19:36.40	18:02.33	17:14.31	19:30.95	17:58.75	16:36.64	17:47.61	13:57.26
1650y free							34:36.68	33:12.50	30:31.47	29:10.69	32:58.77	30:25.47	28:07.30	30:09.24	23:44.36
50y back	3:02.15	2:11.13	1:36.86	1:17.37	1:06.53										
100y back	6:28.65	4:39.74	3:26.62	2:45.14	2:22.00	2:22.00	2:11.34	1:59.50	1:51.40	1:51.01	2:03.82	1:41.87	1:44.60	1:49.43	1:24.59
200y back						5:02.17	4:40.45	4:15.30	3:58.00	3:57.08	4:40.09	3:47.59	3:47.59	3:53.80	3:02.17
50y brst	2:37.04	2:00.06	1:30.42												
100y brst	5:36.82	4:17.49	3:13.87	3:03.68	2:47.48	2:47.48	2:36.05	2:17.35	2:05.58		2:14.15	2:07.80	1:59.08	2:05.73	1:35.92
200y brst				6:34.14	6:01.26	6:01.26	5:36.91	4:56.55	4:31.17		4:43.88	4:31.95	4:27.56	4:20.10	3:26.35
50y fly	3:21.79	2:11.05	1:55.38	1:31.09	1:06.54	1:01.98	59.64								
100y fly					2:23.51	2:13.83	2:08.78	2:08.22	1:54.93	1:43.96	2:02.58	1:41.89	1:36.39	1:47.86	1:21.92
200y fly								4:35.04	4:08.18	3:43.33	4:23.28	3:53.94	3:53.94	3:55.05	2:59.88
150y IM	10:36.58	7:23.82	6:33.79	4:29.37											
200y IM			7:34.25	6:20.65	5:21.67	5:11.32	4:53.88	4:32.54	4:06.38	3:53.65	4:21.33	3:41.77	3:40.89	3:50.60	3:04.21
400y IM								9:30.35	8:37.42	8:19.50	9:10.19	8:27.62	8:15.26	8:02.08	6:23.25

	S1 SB1 SM1	S2 SB2 SM2	S3 SB3 SM3	S4 SB4 SM4	S5 SB5 SM5	S6 SB6 SM6	S7 SB7 SM7	S8 SB8 SM8	S9 SB9 SM9	S10 SM10	S11	S12	S13	S14	S15
50y free	1:53.00	1:36.99	1:25.18	58.72	52.02	44.89	41.36	40.32	38.46	36.13	36.59	36.51	35.96	36.68	29.37
100y free	4:05.52	3:25.62	2:51.60	2:09.48	1:56.43	1:39.03	1:31.49	1:30.38	1:24.69	1:18.98	1:19.15	1:18.51	1:17.75	1:20.55	1:04.74
200y free	8:56.55	7:29.30	6:03.12	4:36.61	4:09.61	3:36.70	3:20.41	3:17.89	3:05.53	2:53.05	2:57.34	2:57.34	2:57.34	3:06.27	2:21.83
500y free						9:23.08	8:40.55	8:16.62	7:45.92	7:19.40	7:44.48	7:33.23	7:21.76	7:51.94	6:01.83
1000y free						19:30.51	18:02.50	17:14.93	16:08.86	15:13.82	16:04.18	15:41.68	15:20.80	16:23.70	12:34.53
1650y free							30:36.56	29:15.76	27:24.88	25:52.03	27:23.16	26:41.56	26:03.32	27:49.92	21:22.97
50y back	2:13.33	1:44.11	1:20.36	1:11.30	58.23										
100y back	4:47.13	3:45.53	2:54.05	2:34.56	2:06.21	1:54.45	1:50.53	1:40.49	1:36.67	1:31.27	1:37.80	1:34.85	1:31.42	1:33.41	1:13.14
200y back						4:08.41	3:59.06	3:36.82	3:29.53	2:54.79	3:26.36	3:24.77	3:20.78	3:22.78	2:37.86
50y brst	2:24.85	1:31.17	1:16.73												
100y brst	5:14.35	3:17.48	2:46.16	2:26.77	2:16.39	2:11.71	2:05.36	1:54.40	1:46.46		1:42.84	1:39.89	1:36.03	1:42.55	1:21.79
200y brst				5:18.17	4:53.89	4:44.08	4:30.40	4:08.23	3:51.08		3:49.43	3:38.89	3:36.90	3:43.00	2:57.08
50y fly	3:17.75	1:44.38	1:38.54	1:11.16	58.25	48.47	46.93								
100y fly					2:09.52	1:48.15	1:44.55	1:38.53	1:31.88	1:24.95	1:28.71	1:27.17	1:25.58	1:33.07	1:09.95
200y fly								3:39.48	3:24.71	3:14.05	3:17.67	3:16.45	3:15.22	3:15.65	2:35.95
150y IM	8:41.46	5:49.40	4:42.14	3:56.05											
200y IM			6:29.49	5:22.93	4:37.25	4:18.05	4:00.34	3:47.24	3:30.34	3:17.95	3:21.59	3:20.85	3:17.08	3:29.80	2:40.92
400y IM								7:59.45	7:23.55	6:57.22	7:10.13	7:10.13	7:05.51	7:05.04	5:38.57