

**WOMEN**

(Note: NO TIME for all events in the 85+ age groups.)

<u>EVENT</u>	<u>18-24</u>	<u>25-29</u>	<u>30-34</u>	<u>35-39</u>	<u>40-44</u>	<u>45-49</u>	<u>50-54</u>	<u>55-59</u>	<u>60-64</u>	<u>65-69</u>	<u>70-74</u>	<u>75-79</u>	<u>80-84</u>
50 Free	:28.74	:28.66	:29.20	:29.40	:29.39	:29.64	:30.88	:32.50	:35.46	:38.82	:42.51	:49.50	:54.86
100 Free	1:02.21	1:03.15	1:04.23	1:04.97	1:04.39	1:05.48	1:08.07	1:12.19	1:19.18	1:28.11	1:36.33	1:54.61	2:06.65
200 Free	2:11.70	2:13.32	2:16.08	2:19.89	2:16.13	2:16.97	2:24.32	2:33.44	2:48.93	3:07.40	3:24.32	4:00.53	4:26.98
500 Free	6:00.91	5:59.33	6:09.42	6:13.32	6:09.85	6:10.16	6:25.98	6:48.18	7:34.39	8:24.41	9:08.92	10:44.88	12:13.12
1000 Free	12:48.11	12:39.44	13:03.82	13:09.10	13:01.14	12:49.00	13:32.41	14:12.79	15:39.82	17:41.91	20:19.93	24:08.14	27:49.23
1650 Free	23:03.57	21:45.03	22:29.72	22:04.44	22:00.81	21:39.56	22:51.50	24:46.77	27:31.72	31:41.25	35:46.11	41:55.83	43:59.50
50 Back	:33.25	:32.98	:34.03	:34.58	:34.46	:35.18	:36.72	:38.95	:43.77	:48.77	:53.77	1:02.68	1:08.18
100 Back	1:11.93	1:10.87	1:14.28	1:15.01	1:14.44	1:16.78	1:19.91	1:25.30	1:35.51	1:47.12	1:59.12	2:19.48	2:35.31
200 Back	2:32.06	2:28.76	2:35.22	2:40.82	2:38.05	2:39.21	2:47.25	2:57.60	3:19.38	3:40.89	4:07.28	4:57.12	5:14.88
50 Breast	:37.15	:36.82	:38.12	:38.22	:38.52	:39.06	:40.57	:42.93	:46.91	:52.67	:58.48	1:08.59	1:18.36
100 Breast	1:21.09	1:20.07	1:22.74	1:23.32	1:23.47	1:26.21	1:28.37	1:35.77	1:44.86	1:57.17	2:10.19	2:36.06	3:09.39
200 Breast	2:54.13	2:49.29	2:55.16	2:58.03	2:58.18	3:05.17	3:09.26	3:24.36	3:46.34	4:11.93	4:33.53	5:36.21	7:29.29
50 Fly	:31.29	:30.59	:32.10	:32.21	:32.17	:32.35	:34.14	:35.91	:40.42	:46.78	:55.52	1:09.72	1:39.13
100 Fly	1:10.24	1:07.87	1:12.04	1:14.62	1:12.40	1:14.06	1:18.16	1:24.51	1:36.30	1:56.44	2:19.68	3:26.52	3:17.16
200 Fly	2:32.97	2:32.75	2:43.20	2:55.16	2:46.24	2:46.09	2:58.17	3:24.86	3:51.99	4:21.79	4:58.58	7:12.62	8:23.53
100 IM	1:11.34	1:10.76	1:13.23	1:14.27	1:13.32	1:15.01	1:19.27	1:23.60	1:32.52	1:43.33	1:56.62	2:22.34	2:45.96
200 IM	2:30.00	2:30.36	2:34.19	2:39.90	2:35.30	2:38.89	2:47.89	2:56.82	3:22.84	3:45.49	4:16.01	5:36.26	6:50.89
400 IM	5:22.63	5:25.20	5:38.48	5:44.93	5:36.57	5:43.36	6:06.25	6:34.75	7:24.32	8:11.90	11:09.16	12:11.06	14:00.91

**MEN**

<u>EVENT</u>	<u>18-24</u>	<u>25-29</u>	<u>30-34</u>	<u>35-39</u>	<u>40-44</u>	<u>45-49</u>	<u>50-54</u>	<u>55-59</u>	<u>60-64</u>	<u>65-69</u>	<u>70-74</u>	<u>75-79</u>	<u>80-84</u>
50 Free	:24.74	:24.31	:24.99	:25.33	:25.47	:25.86	:26.76	:27.28	:28.95	:30.05	:33.54	:35.73	:43.04
100 Free	:54.67	:53.87	:55.08	:56.21	:56.20	:57.25	:58.72	1:00.46	1:04.28	1:08.35	1:17.63	1:22.34	1:41.52
200 Free	1:58.69	1:55.76	1:58.41	2:00.08	2:00.67	2:01.58	2:05.50	2:09.96	2:17.48	2:29.93	2:50.80	3:04.44	3:51.56
500 Free	5:37.25	5:23.32	5:28.03	5:37.64	5:34.52	5:34.37	5:47.01	6:01.09	6:21.61	7:01.41	8:04.67	8:41.84	11:16.39
1000 Free	12:54.21	11:53.07	11:47.84	11:57.78	11:56.49	11:45.93	12:03.72	12:45.71	13:20.83	14:52.82	17:00.83	18:54.71	26:48.76
1650 Free	21:29.30	20:31.27	20:19.20	20:14.57	20:11.52	20:02.98	20:38.80	21:25.56	22:33.32	25:37.06	29:07.47	33:00.98	42:03.92
50 Back	:28.86	:28.31	:29.49	:30.06	:29.83	:30.50	:31.67	:32.91	:34.66	:37.12	:41.66	:45.52	:56.12
100 Back	1:02.65	1:01.71	1:03.66	1:04.28	1:04.61	1:06.39	1:08.04	1:11.87	1:16.35	1:23.49	1:33.79	1:42.15	2:08.40
200 Back	2:17.54	2:12.94	2:15.39	2:16.91	2:17.99	2:18.88	2:24.00	2:33.89	2:39.41	3:01.08	3:24.91	3:38.84	4:49.04
50 Breast	:32.17	:30.82	:31.75	:32.12	:32.51	:33.03	:34.17	:35.12	:37.56	:39.16	:45.27	:48.18	:58.36
100 Breast	1:10.23	1:07.03	1:10.08	1:10.14	1:11.82	1:12.63	1:15.20	1:18.27	1:23.30	1:29.05	1:45.62	1:53.08	2:11.36
200 Breast	2:35.49	2:25.50	2:34.65	2:31.92	2:34.77	2:38.79	2:40.81	2:49.11	2:59.07	3:14.67	3:48.47	4:06.17	5:16.07
50 Fly	:27.27	:26.83	:27.28	:27.80	:27.82	:27.95	:28.91	:30.08	:31.82	:33.66	:38.05	:45.08	1:01.90
100 Fly	1:00.55	:59.06	1:00.51	1:02.77	1:02.12	1:02.48	1:05.18	1:08.02	1:12.70	1:23.67	1:41.93	1:58.54	3:36.73
200 Fly	2:23.80	2:14.93	2:16.03	2:20.75	2:19.76	2:21.16	2:28.26	2:36.61	2:59.89	3:26.81	3:58.20	6:47.44	No Time
100 IM	1:02.76	1:00.95	1:02.38	1:04.28	1:04.37	1:05.55	1:08.04	1:10.57	1:14.62	1:19.24	1:32.99	1:39.33	2:10.56
200 IM	2:15.74	2:11.23	2:15.11	2:17.51	2:17.67	2:19.14	2:24.58	2:31.99	2:41.73	2:55.47	3:30.40	3:54.13	5:45.86
400 IM	5:03.64	4:50.13	4:56.18	5:00.16	5:00.75	5:01.45	5:14.58	5:33.34	6:01.03	6:45.83	8:13.41	9:47.69	No Time

**Formula:** Three year average of Top Ten 10th place time + conversion factor (15% for 50s & 100s; 10% for 200+)