

## Boston Marathon Qualifying Times With 2015 & 2023 World Masters Athletics (WMA) Age Grading Applied

### Men

Age Groups	With 2015 WMA Age Grade Factors			With 2023 Age WMA Grade Factors		
	Qualifying Time	Avg Age Grade %	Avg Age Graded Time	Qualifying Time	Avg Age Grade %	Avg Age Graded Time
18-34	3:00:00	68.36%	2:59:51	3:00:00	67.58%	3:00:00
35-39	3:05:00	67.31%	3:02:41	3:05:00	65.99%	3:04:21
40-44	3:10:00	67.55%	3:02:01	3:10:00	66.28%	3:03:33
45-49	3:20:00	66.87%	3:03:54	3:20:00	65.42%	3:05:59
50-54	3:25:00	68.12%	3:00:31	3:25:00	66.45%	3:03:05
55-59	3:35:00	67.95%	3:00:58	3:35:00	66.13%	3:04:00
60-64	3:50:00	66.60%	3:04:38	3:50:00	64.68%	3:08:07
65-69	4:05:00	65.71%	3:07:09	4:05:00	63.71%	3:11:00
70-74	4:20:00	65.44%	3:07:57	4:20:00	63.18%	3:12:35
75-79	4:35:00	66.95%	3:03:46	4:35:00	63.50%	3:11:39
80+	4:50:00	71.23%	2:52:51	4:50:00	65.79%	3:05:04
Averages:		67.46%	3:02:23	Averages:		65.34%      3:06:18

### Women

Age Groups	With 2015 WMA Age Grade Factors			With 2023 WMA Age Grade Factors		
	Qualifying Time	Avg Age Grade %	Avg Age Graded Time	Qualifying Time	Avg Age Grade %	Avg Age Graded Time
18-34	3:30:00	64.60%	3:29:38	3:30:00	63.84%	3:30:00
35-39	3:35:00	63.96%	3:31:43	3:35:00	63.29%	3:31:50
40-44	3:40:00	64.40%	3:30:17	3:40:00	64.06%	3:29:18
45-49	3:50:00	64.60%	3:29:41	3:50:00	63.74%	3:30:22
50-54	3:55:00	67.21%	3:21:32	3:55:00	65.19%	3:25:42
55-59	4:05:00	68.89%	3:16:38	4:05:00	65.67%	3:24:12
60-64	4:20:00	69.70%	3:14:23	4:20:00	65.35%	3:25:13
65-69	4:35:00	71.13%	3:10:28	4:35:00	65.64%	3:24:18
70-74	4:50:00	73.28%	3:04:54	4:50:00	66.59%	3:21:24
75-79	5:05:00	76.87%	2:56:21	5:05:00	68.28%	3:16:27
80+	5:20:00	84.64%	2:40:23	5:20:00	70.98%	3:09:01
Averages:		69.93%	3:15:05	Averages:		65.69%      3:24:21

#### WMA Age Grade Percentages:

**100% = Approximate World Record Performance**  
**90%+ = World Class Performance**  
**80%+ = National Class Performance**  
**70%+ = Regional Class Performance**  
**60%+ = Local Class Performance**