

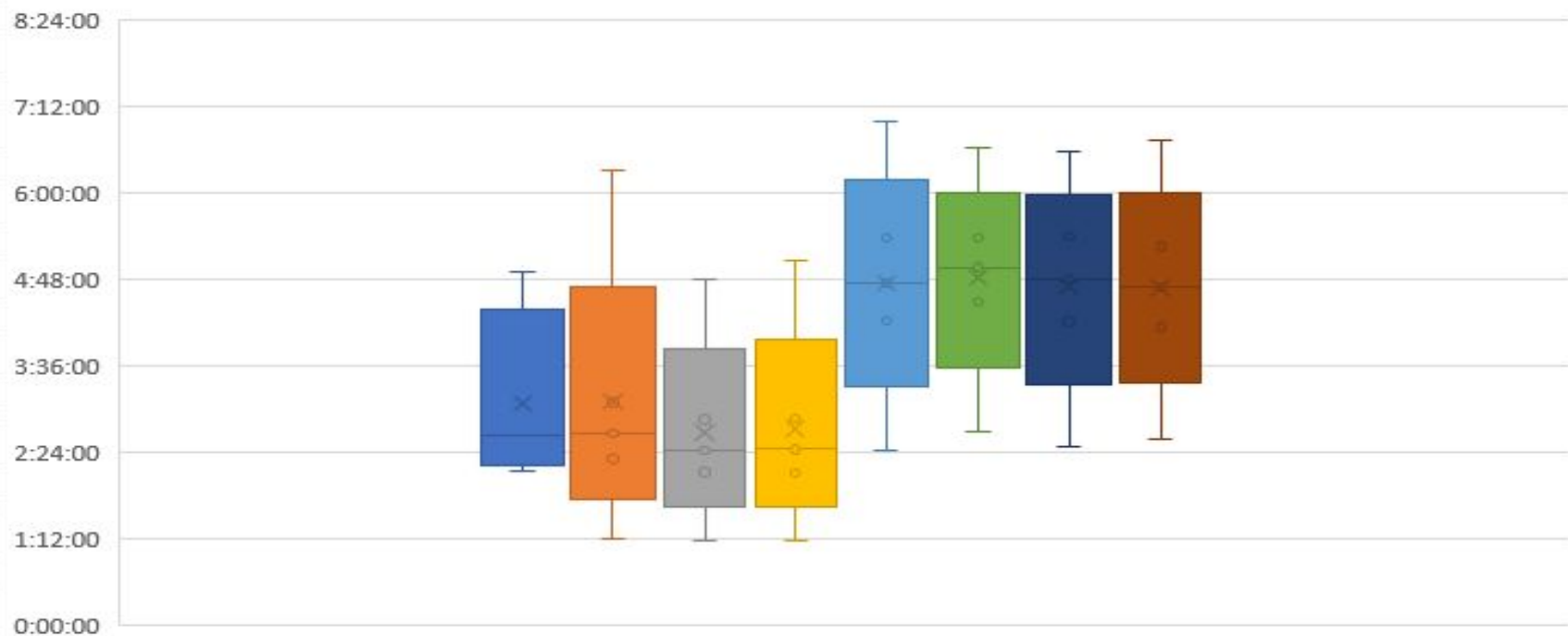
Analysis of Nashville Marathon Data

Music City Raptors (Team 2)



Music City Half/Full Marathon Comparison

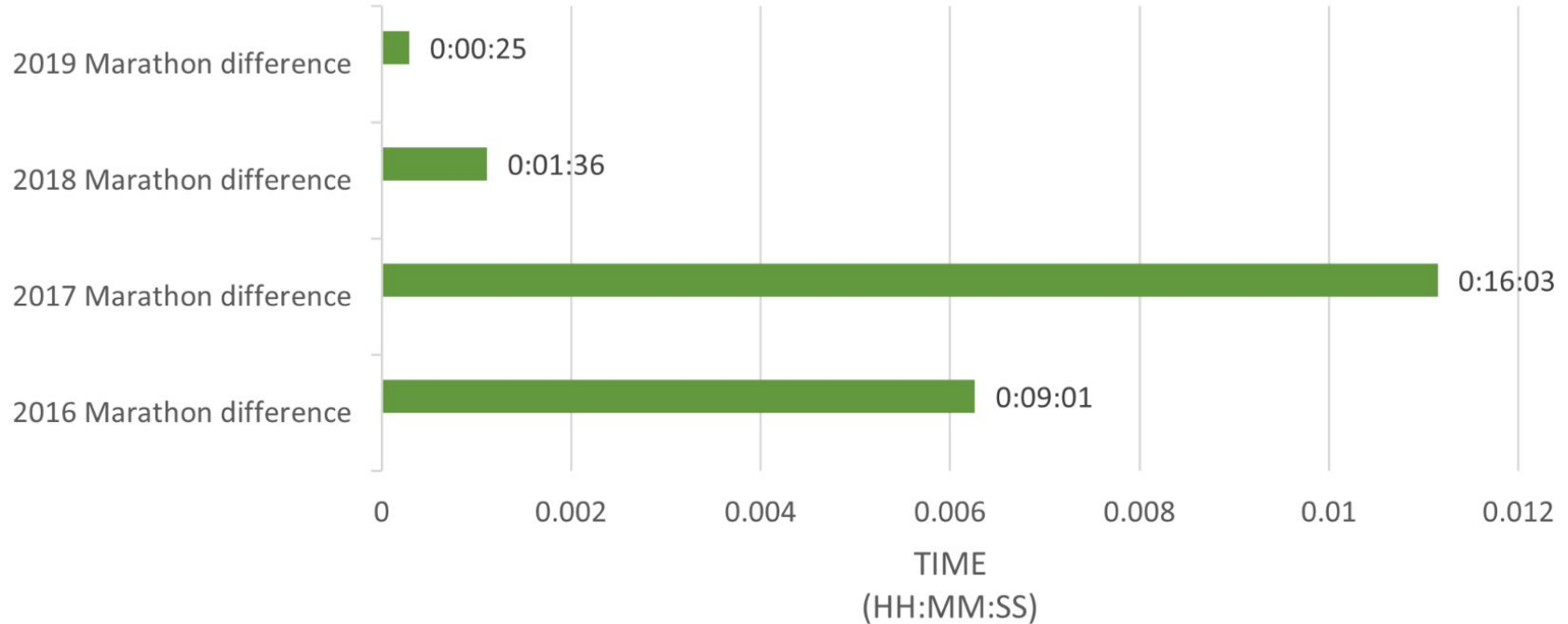
2016-Half 2017-Half 2018-Half 2019-Half
2016-Marathon 2017-Marathon 2018-Marathon 2019-Marathon



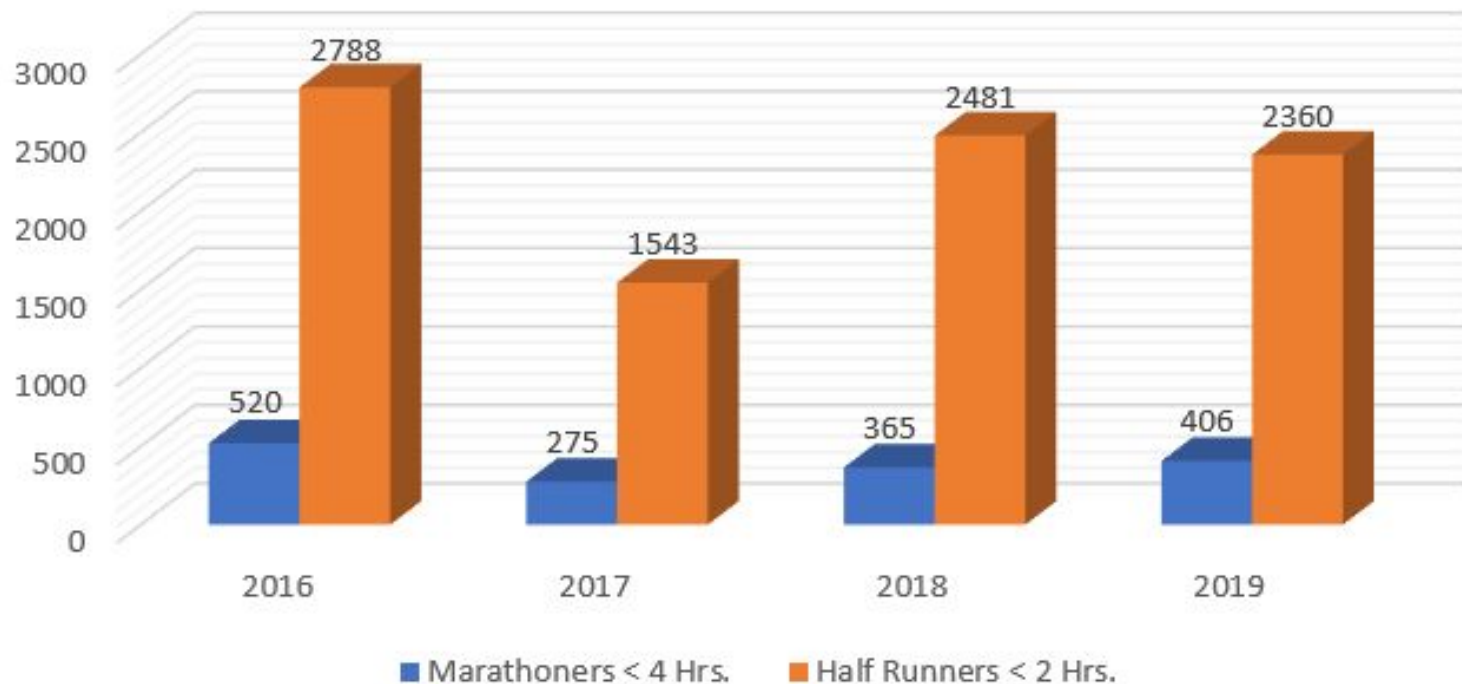
Criteria	
1st	
2nd	
3rd	
4th	

MUSIC CITY HALF/FULL MARATHON TIME COMPARISONS								
	2016 Half	2016 Marathon	2017 Half	2017 Marathon	2018 Half	2018 Marathon	2019 Half	2019 Marathon
Fastest	1:11:15	2:25:42	1:10:58	2:40:25	1:09:25	2:28:16	1:10:03	2:34:59
Slowest	4:54:41	7:00:00	6:18:24	6:38:19	4:48:06	6:34:41	5:03:35	6:43:55
Median	2:26:18	4:45:19	2:39:34	4:58:14	2:25:32	4:48:21	2:26:07	4:41:57
Mean	2:31:57	4:47:48	2:43:59	4:54:26	2:31:46	4:48:23	2:32:07	4:42:09
Beat Oprah's Time		1099		615		756		793
Total Runners	17918	2953	17700	2467	14926	2101	13704	2024
% Runners beat Oprah		37.22%		24.93%		35.98%		39.18%
Number Half-Runners under 1:20	12		7		16		13	
Number Marathoners under 3 Hrs.		16		2		16		16
Number Half-Runners under 1:45	701		354		693		624	
% Half Runners Under 1:45	3.91%		2.00%		4.64%		4.55%	
Number Marathoners under 4 Hrs.		520		275		365		406
% Marathoners under 4 Hrs.		17.61%		11.15%		17.37%		20.06%
Mean All Halfs	2:35:15							
Median All Halfs	2:29:38							
Mean All Marathons	4:48:27							
Median All Marathons	5:06:13							
Zero Quartile	1:11:15	2:25:42	1:10:58	2:40:25	1:09:25	2:28:16	1:10:03	2:34:59
First Quartile	2:08:18	4:13:00	2:18:17	4:29:30	2:07:21	4:12:54	2:07:04	4:07:56
Second Quartile	2:26:18	4:45:19	2:39:34	4:58:14	2:25:32	4:48:21	2:26:07	4:41:57
Third Quartile	2:50:11	5:22:01	3:05:10	5:22:44	2:51:16	5:23:41	2:51:30	5:15:29
Fourth Quartile	4:54:41	7:00:00	6:18:24	6:38:19	4:48:06	6:34:41	5:03:35	6:43:55
# Runners Below 1st Q?	4479		2669		3928		3631	
# Runners Below 2nd Q?	8956		6067		7601		6879	
# Runners Below 3rd Q	13437		10935		11062		10171	
Scott Wietecha Time	Scott Wietecha	2:25:42	Scott Wietecha	2:40:25	Scott Wietecha	2:28:16	Scott Wietecha	2:34:59
2nd Fastest Time	Brian Shelton	2:34:43	Ryan Regnier	2:56:28	Garang Madut	2:29:52	Jordan Wilson	2:35:24
3rd Fastest Time	Christopher Capps	2:38:43	Daniel Everett	3:00:55	Kevin Fink	2:38:59	Steelton Flynn	2:39:59
			Khris Vickroy	3:04:47	Andrew Hodges	2:43:59	Thomas Ellis	2:42:09
Difference 1st/2nd		0:09:01		0:16:03		0:01:36		0:00:25

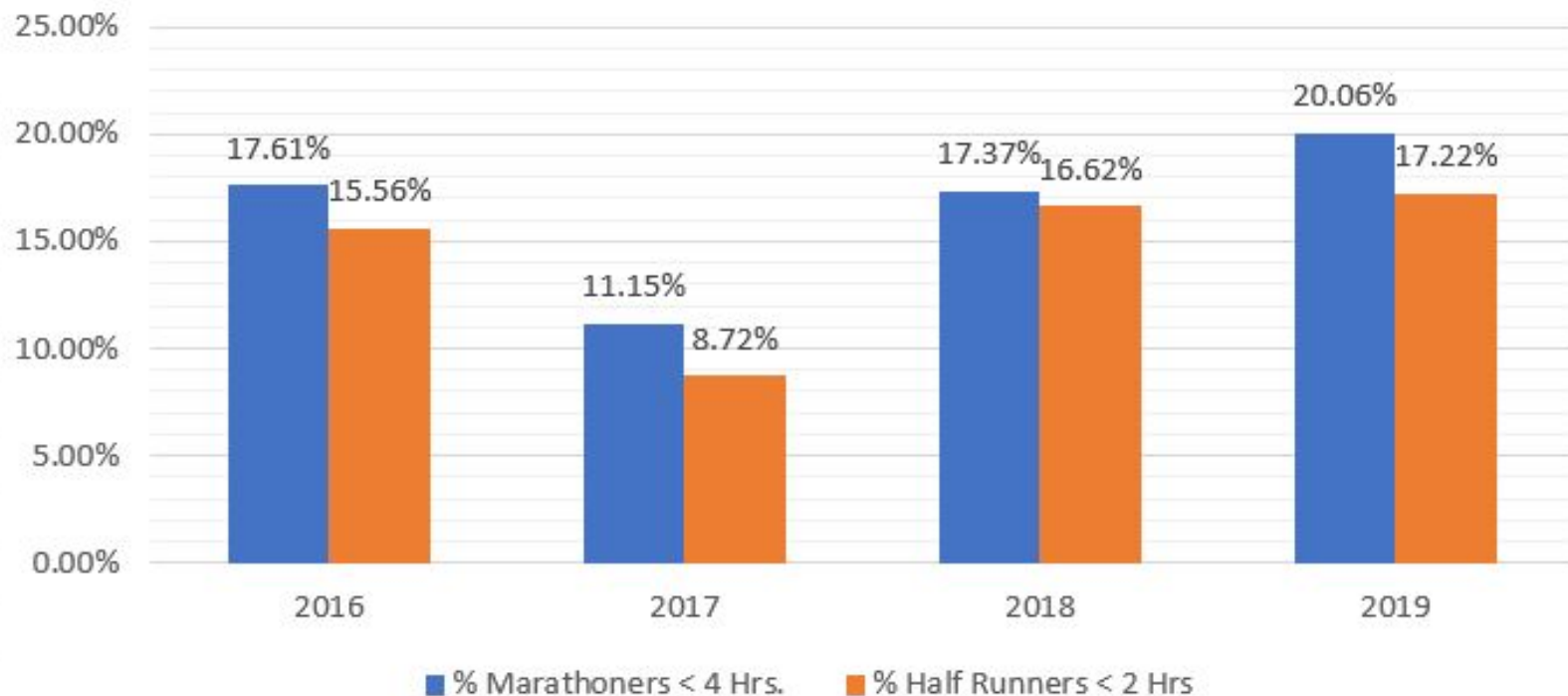
Time Difference Between 1st and 2nd Place Full Marathon Runners



Number Runners Beating Critical Times



% Runners Beating Critical Times



Qualifying Times

2:55:00

3:10:00

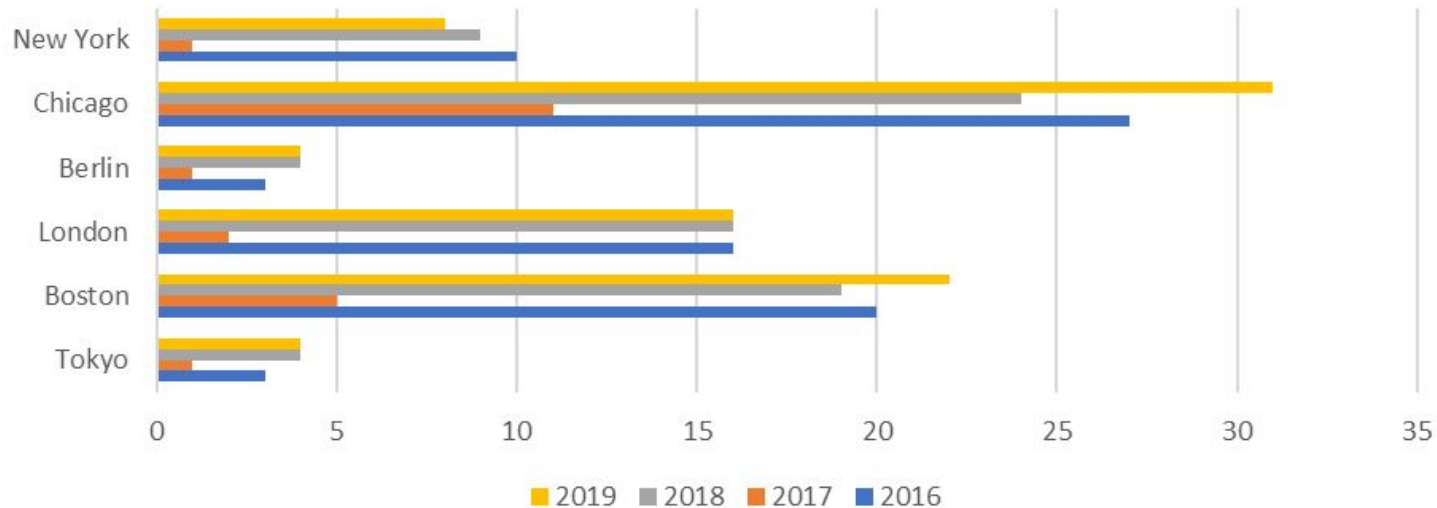
2:45:00

3:00:00

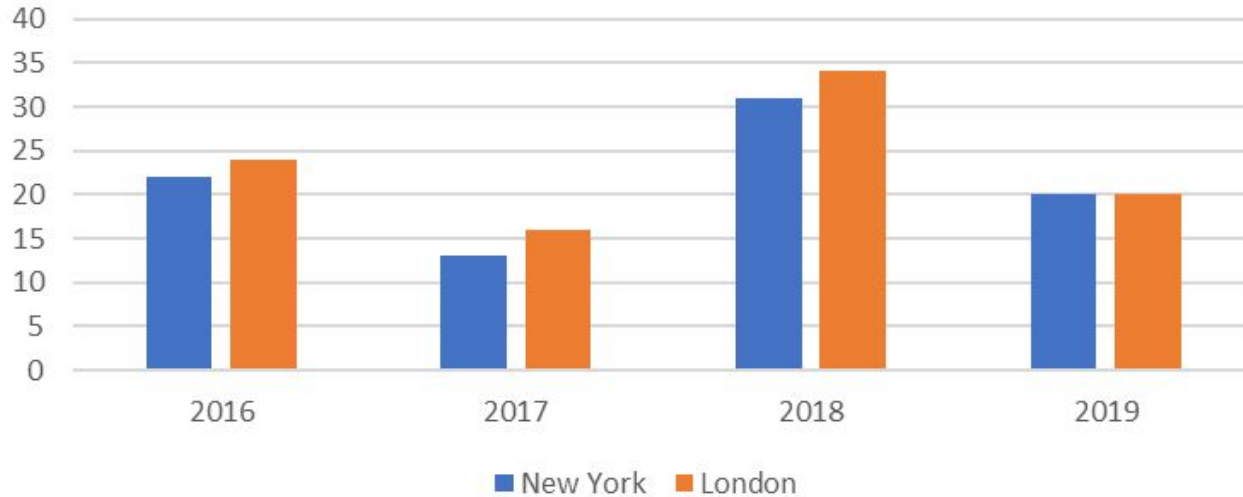
3:05:00

2:45:00

Nashville Marathon World Major Marathon Qualifiers Based off 18-39 yr old male age group standards



Half Marathon Finishers that would Qualify for the
New York & London Marathons based off 18-39 yr
old male age group standards

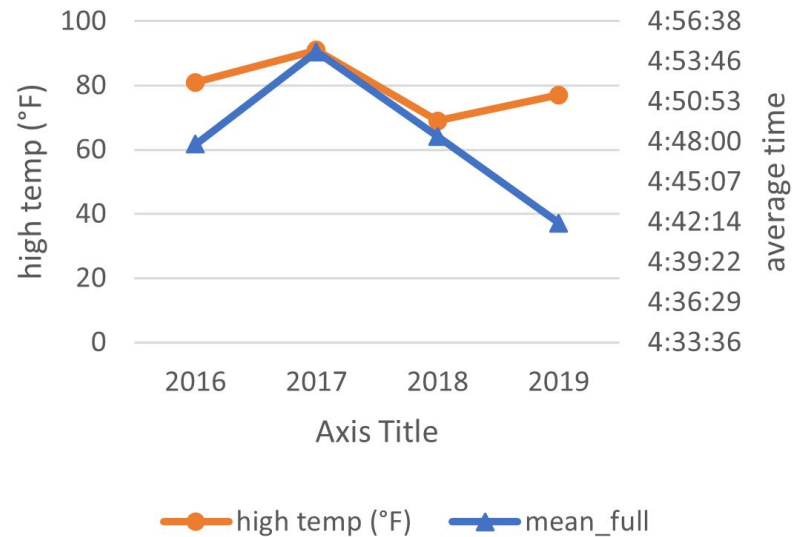


Qualifying Times

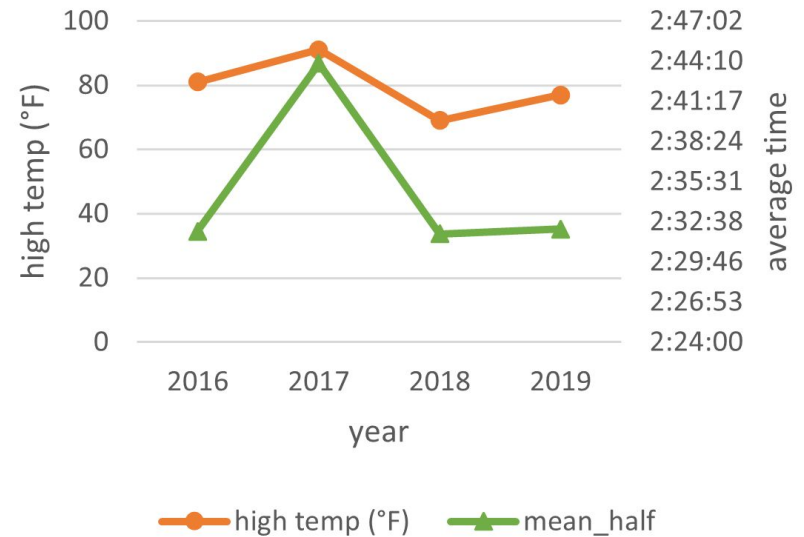
1:23:00

1:23:37

Full Marathon Avg Time & High Temp on Race Day, 2016-2019

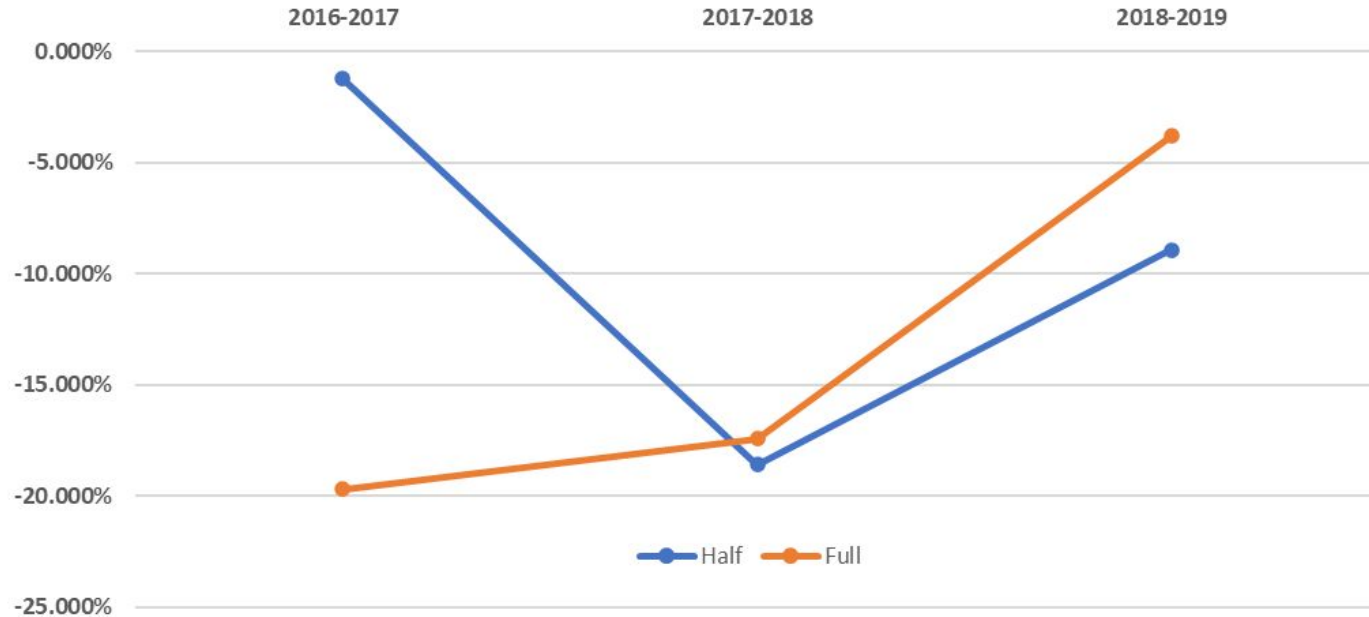


Half Marathon Avg Time & High Temp on Race Day, 2016-2019



Weather data: [Rock n Roll Nashville Marathon Race Day Weather - \(findmymarathon.com\)](https://findmymarathon.com/rock-n-roll-nashville-marathon-race-day-weather/)

Percent Change Year Over Year Of Half/Full Marathon Runners



Takeaways From the Analysis

2017 was the hottest year (worst weather in terms of running)

- 2017 had the least amount of World Major Marathon Qualifiers
- In 2017, there was the biggest time difference between the 1st and 2nd place full marathon runner times
- The largest decrease in half marathon participation was from 2017-2018
- Full marathon participation also decreased from 2017-2018, but its largest decrease was from 2016-2017