



Georgetown Township Fire Protection District Run Analysis Second Quarter 2014

Data Jan 1 2014 – June 30 2014



Data with Regard to incidents

- The Data contained in this report is based on a GTFPD first on scene unit of which there were 264 incidents(runs).
- The total incidents were 308 for the first quarter. Last year first quarter there were 296 incidents.
- This data is only as good as what dispatch produces. It is possible that there is bias in response time.



Vital Statistics

- These two tables describe how we respond. We respond 80% of the time under 8.5 Minutes.

Summary:

- Total runs: 264

In minutes:














- Average: 5.57
- Median: 5.57 (50 percentile)
- Max Time: 25.11
- Min Time: 0

Time To Respond	Number of Responses	Cumulative Responses	Cumulative Percentage
0 - 1	4	4	1.58%
1 - 2	9	13	5.14%
2 - 3	25	38	15.02%
3 - 4	22	60	23.72%
4 - 5	36	96	37.94%
5 - 6	35	131	51.78%
6 - 7	31	162	64.03%
7 - 8	26	188	74.31%
8 - 9	17	205	81.03%
9 - 10	12	217	85.77%
10 - 11	10	227	89.72%
11 - 12	8	235	92.89%
12 +	18	253	100.00%
Total Responses greater than 0 min	253		











Percentile	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
Time	0	2.133	3.11	4.178	5	5.57	6.288	7.421	8.512	11.111	25.111

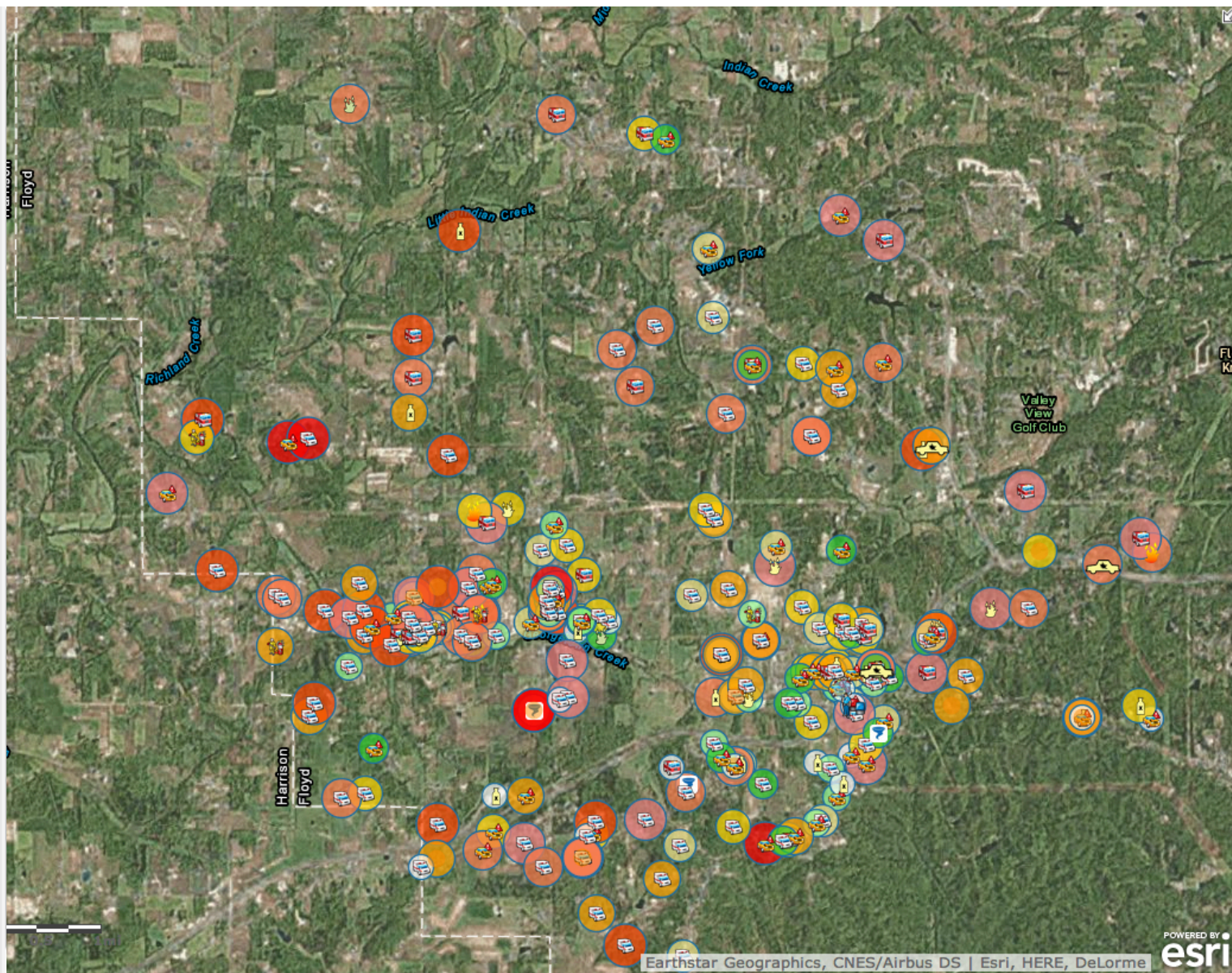


Georgetown Fire Incidents

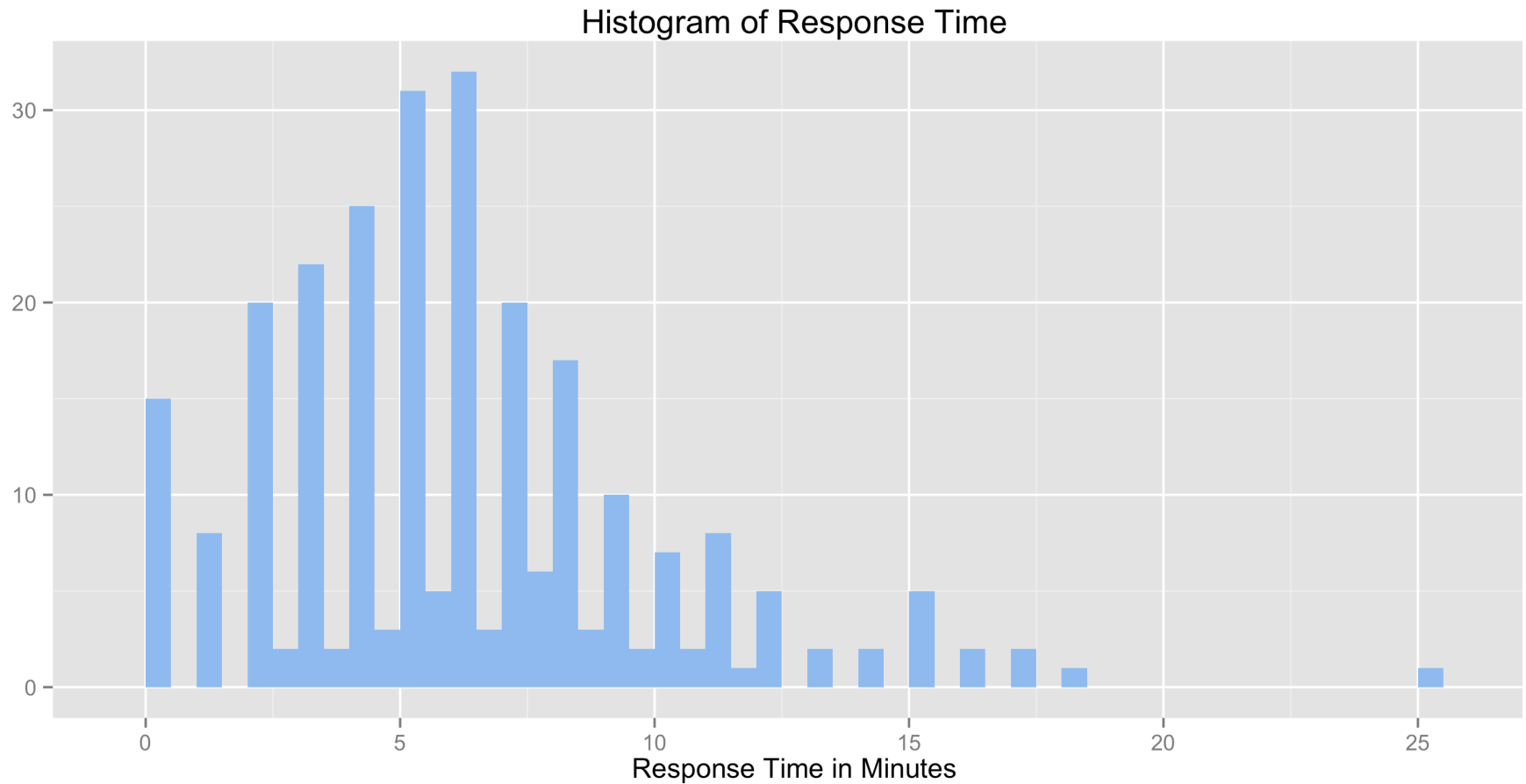
-  Illegal burn
-  Assist police or other governmental agency
-  EMS
-  Field fire
-  Fire
-  Haz Mat
-  Cancel
-  MVA
-  Other
-  Rescue
-  Severe Weather & Natural Disaster
-  Structure fire
-  Vehicle Fire

Georgetown Fire Response Times

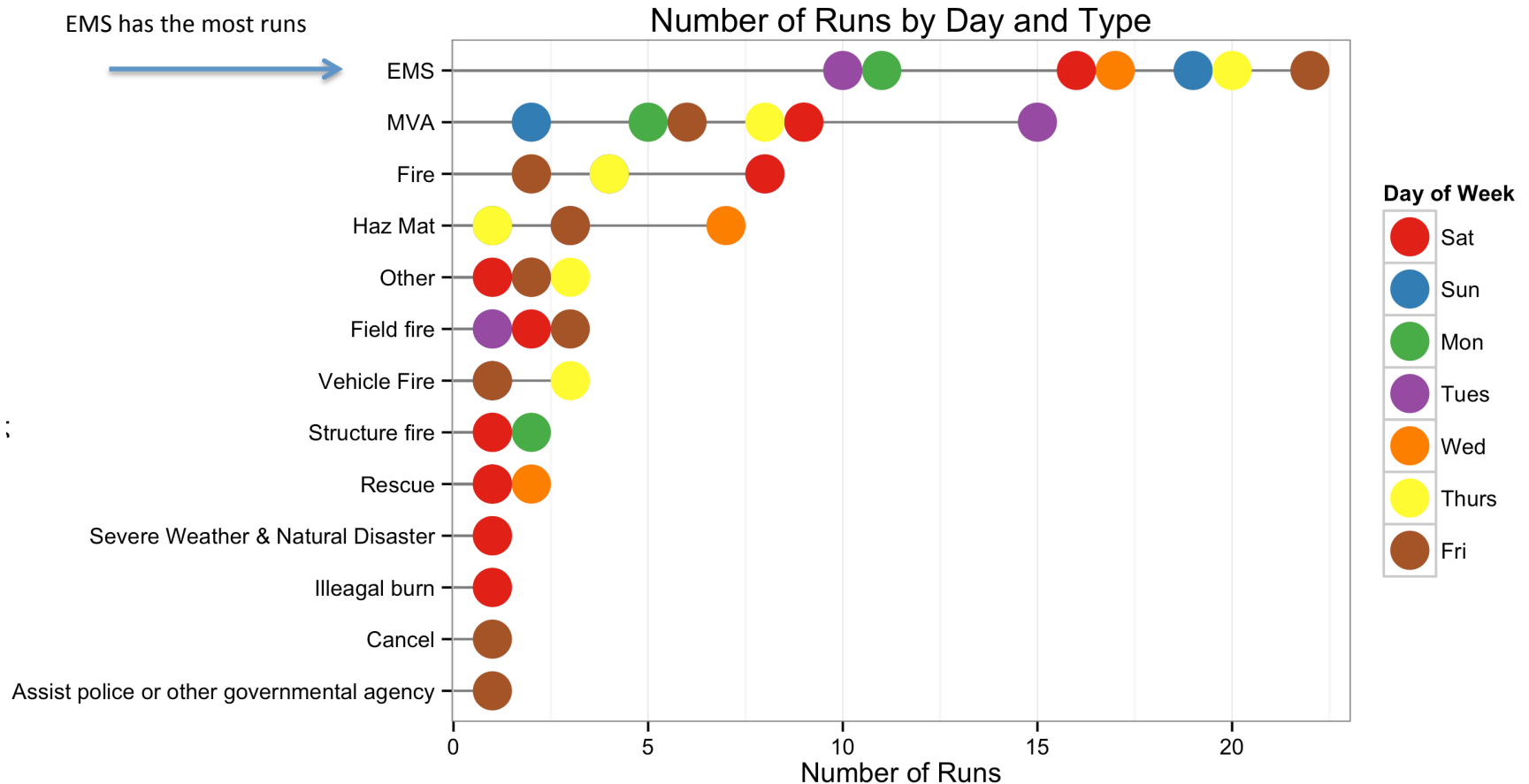
-  0 - 1.22
-  1.22 - 2.59
-  2.59 - 3.57
-  3.57 - 4.58
-  4.58 - 5.58
-  5.58 - 6.57
-  6.57 - 8.31
-  8.31 - 10.05
-  10.05 - 14
-  14 - 25.11



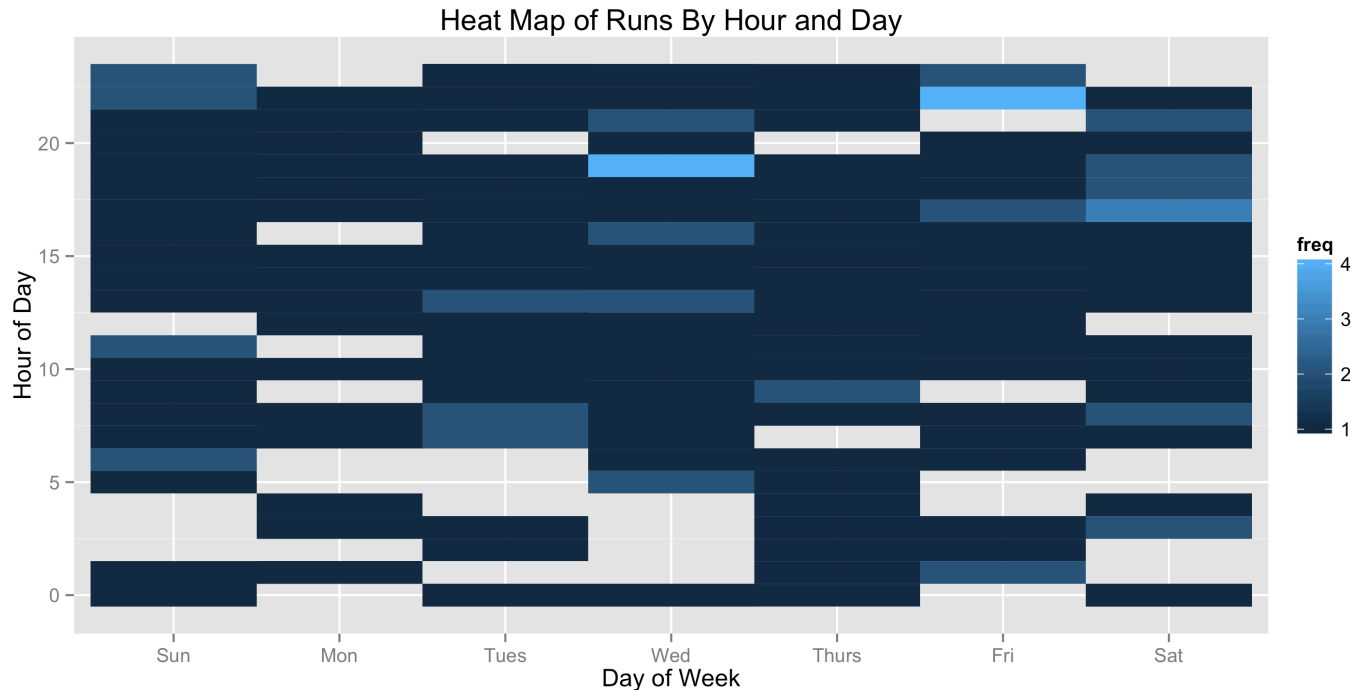
Histogram of Response Time



Number Runs by Day and Type



Runs by Hour and Day



This chart shows the volume of runs by hour and day. The lighter the color the more runs . For example Friday after 20:00hrs had the most runs, and no color there were no runs.



Station 1 Response Mon – Fri

Average Response Time with Crew: 3.29 min

Average Response Time with Out Crew: 5.45 min

Summary:

While the response is low for both of these metrics the average is 40% higher without the eight hour shift.

Moreover, there are many runs overnight that Station 1 does not respond to, that is handled by station 2.

Responses After Hours Mon - Friday

Hour	Day	Response Time
20	Fri	5
19	Wed	2.31
22	Fri	4
18	Thurs	6.3
4	Thurs	4.49
18	Thurs	6.05
0	Wed	8

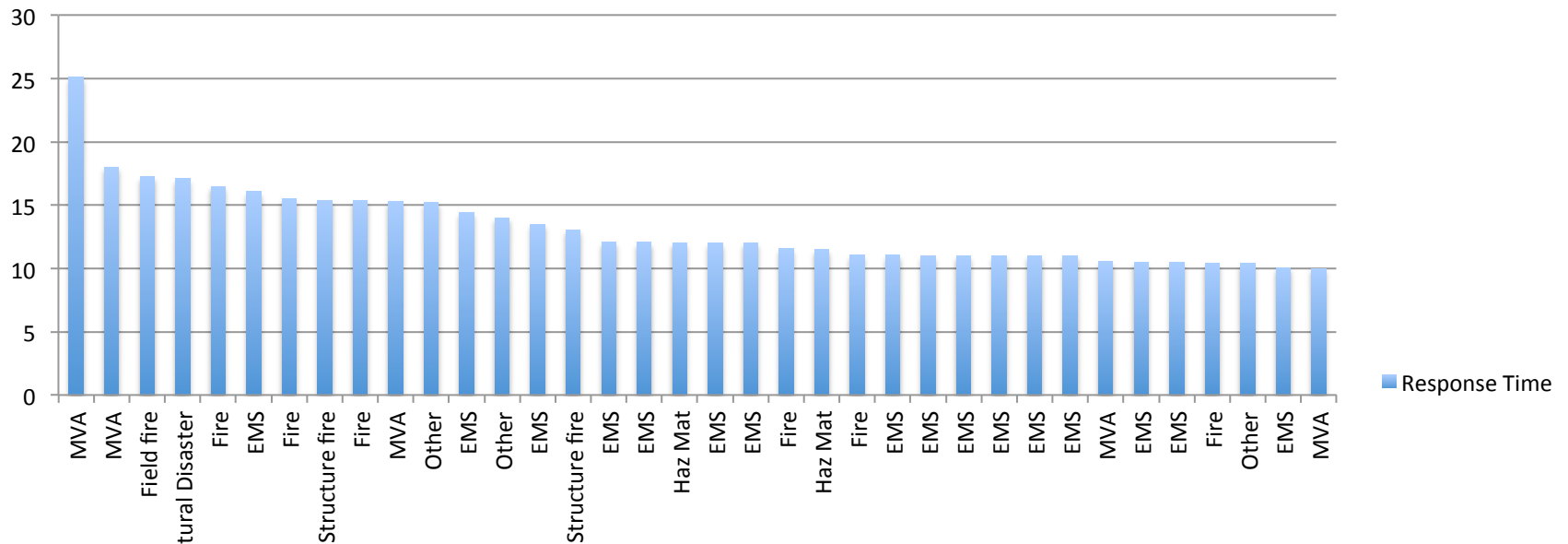
Responses Crew Duty Mon - Fri

Hours	Day	Response Time
13	Wed	4.48
10	Thurs	2.13
13	Thurs	5
11	Tues	3.03
12	Fri	2.31
8	Thurs	5.17
12	Thurs	3.45
13	Tues	3.47
12	Fri	2.36
14	Fri	1.48



Response Times Over Ten Minutes

Response Time by Type Over 10 Minutes



Number of Runs per Unit

Number of Runs by Unit

