

# **MERA System Operations Update**

September 2, 2017

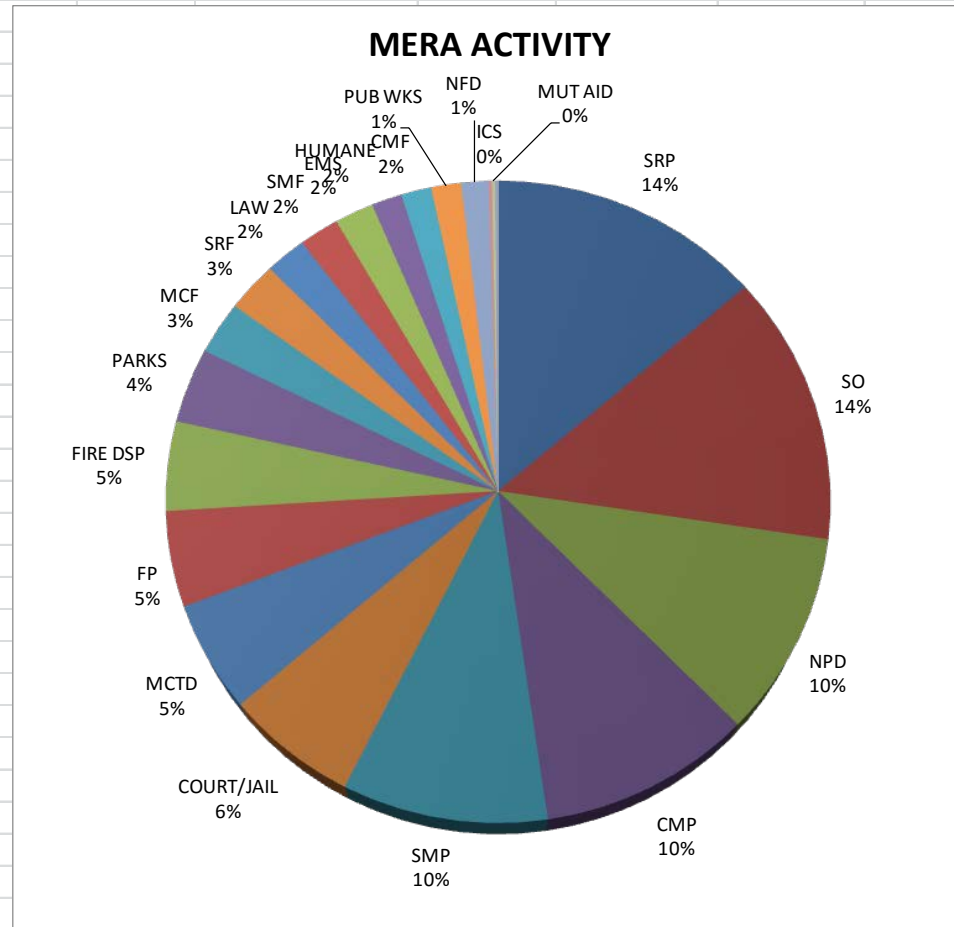
## **MERA System Maintenance**

During the last month the Radio Shop provided the following support:

1. Completed all required Weekly and Quarterly preventative maintenance tasks.
2. Participated in Next-Gen discussions.
3. Provided support for Federal Engineering.
4. Performed preventive maintenance on additional fire station alerting systems.
5. Replaced a rectifier at Mt. Burdell.
6. Investigated microwave fan operation issues at Sonoma Mt.
7. Replaced dehydrator at Sonoma Mt.
8. Investigated SMART-X roll over on East simulcast system.
9. Fixed wire-wrap problem at San Pedro microwave.
10. Replaced A2 microwave receiver at Sonoma Mt.
11. Replaced site batteries at Forbes Hill.
12. Moved Kaiser hospital radios to new ER.
13. Replaced fire station alerting radios at Novato, Hicks and Southern Marin stations.
14. Accompanied tower contractors to sites.
15. Accompanied FSA contractors to sites.
16. Reviewed and cleared 5,847 system events.

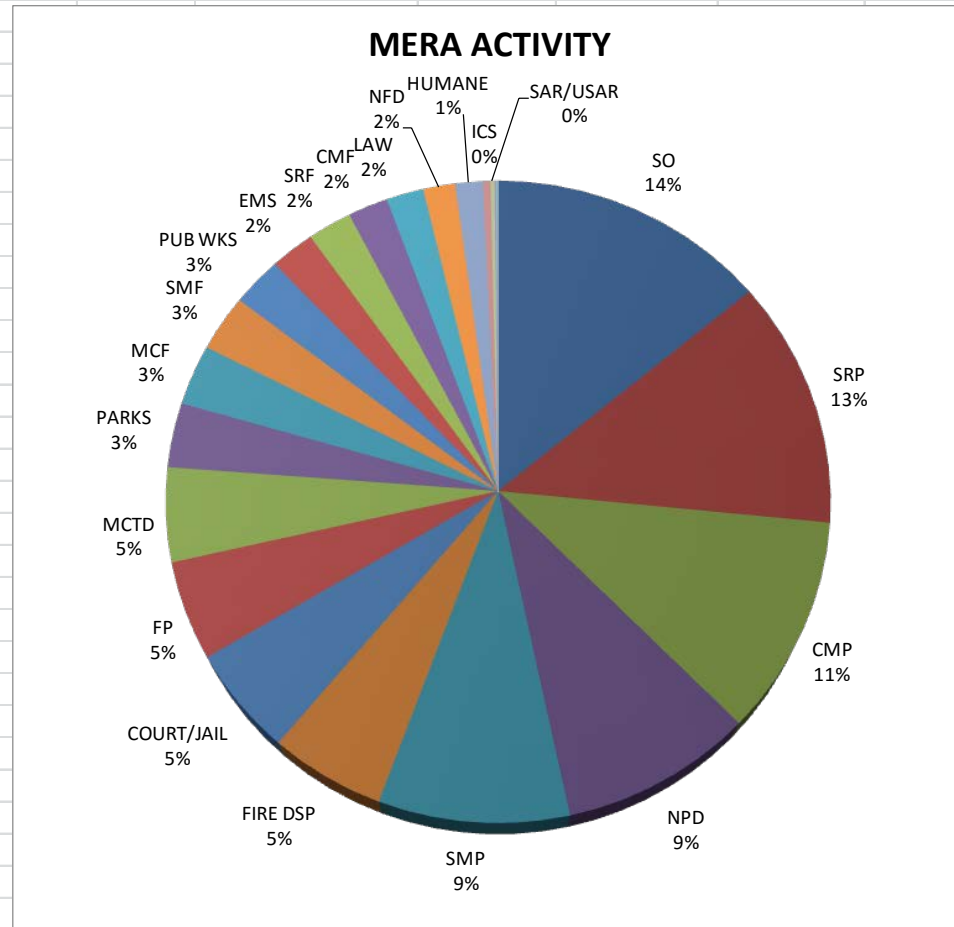
**MERA System Usage August 2017**

| <u>Agency Grouping</u> | <u>Radio Calls</u> | <u>Call Time</u> | <u>Busy Time</u> |  |  |  | <u>Radio Calls</u>         | <u>Call Time</u> | <u>Busy Time</u> | <u>Percent Usage</u> |             |
|------------------------|--------------------|------------------|------------------|--|--|--|----------------------------|------------------|------------------|----------------------|-------------|
| SO                     | 35,599             | 111:09:09        | 0:00:03          |  |  |  | <b>LAW TOTAL:</b>          | <b>185,608</b>   | <b>541:04:04</b> | <b>0:00:11</b>       | <b>68.0</b> |
| SRP                    | 32,563             | 99:37:02         | 0:00:00          |  |  |  | <b>FIRE TOTAL:</b>         | <b>59,332</b>    | <b>162:18:03</b> | <b>0:00:15</b>       | <b>20.4</b> |
| CMP                    | 27,568             | 83:34:28         | 0:00:00          |  |  |  | <b>PUBLIC WORKS TOTAL:</b> | <b>26,240</b>    | <b>78:01:24</b>  | <b>0:00:04</b>       | <b>9.8</b>  |
| NPD                    | 27,471             | 79:24:13         | 0:00:06          |  |  |  | <b>NON-MERA TOTAL:</b>     | <b>4,711</b>     | <b>13:42:46</b>  | <b>0:00:00</b>       | <b>1.7</b>  |
| SMP                    | 24,041             | 72:19:42         | 0:00:02          |  |  |  | -----                      | -----            | -----            | -----                |             |
| COURT/JAIL             | 19,739             | 42:31:28         | 0:00:00          |  |  |  | <b>275,891</b>             | <b>795:06:17</b> | <b>0:00:30</b>   | <b>100.0</b>         |             |
| FIRE DSP               | 16,731             | 42:20:53         | 0:00:05          |  |  |  |                            |                  |                  |                      |             |
| MCTD                   | 13,192             | 39:22:40         | 0:00:00          |  |  |  |                            |                  |                  |                      |             |
| FP                     | 13,176             | 36:51:12         | 0:00:00          |  |  |  |                            |                  |                  |                      |             |
| MCF                    | 9,907              | 28:21:26         | 0:00:00          |  |  |  |                            |                  |                  |                      |             |
| SMF                    | 10,405             | 25:33:10         | 0:00:00          |  |  |  |                            |                  |                  |                      |             |
| PARKS                  | 7,528              | 23:06:34         | 0:00:00          |  |  |  |                            |                  |                  |                      |             |
| EMS                    | 3,247              | 18:41:09         | 0:00:02          |  |  |  |                            |                  |                  |                      |             |
| SRF                    | 7,102              | 16:54:04         | 0:00:00          |  |  |  |                            |                  |                  |                      |             |
| CMF                    | 6,614              | 15:49:08         | 0:00:00          |  |  |  |                            |                  |                  |                      |             |
| LAW                    | 5,451              | 15:36:50         | 0:00:00          |  |  |  |                            |                  |                  |                      |             |
| HUMANE                 | 4,470              | 12:57:38         | 0:00:00          |  |  |  |                            |                  |                  |                      |             |
| PUB WKS                | 4,552              | 12:42:31         | 0:00:04          |  |  |  |                            |                  |                  |                      |             |
| NFD                    | 4,630              | 12:25:56         | 0:00:08          |  |  |  |                            |                  |                  |                      |             |
| ICS                    | 878                | 2:39:41          | 0:00:00          |  |  |  |                            |                  |                  |                      |             |
| SAR/USAR               | 459                | 1:11:58          | 0:00:00          |  |  |  |                            |                  |                  |                      |             |
| FIRE MSC               | 237                | 1:00:19          | 0:00:00          |  |  |  |                            |                  |                  |                      |             |
| MUT AID                | 241                | 0:45:08          | 0:00:00          |  |  |  |                            |                  |                  |                      |             |
| OTHER                  | 90                 | 0:09:58          | 0:00:00          |  |  |  |                            |                  |                  |                      |             |
| <b>TOTAL:</b>          | <b>275,891</b>     | <b>795:06:17</b> | <b>0:00:30</b>   |  |  |  |                            |                  |                  |                      |             |

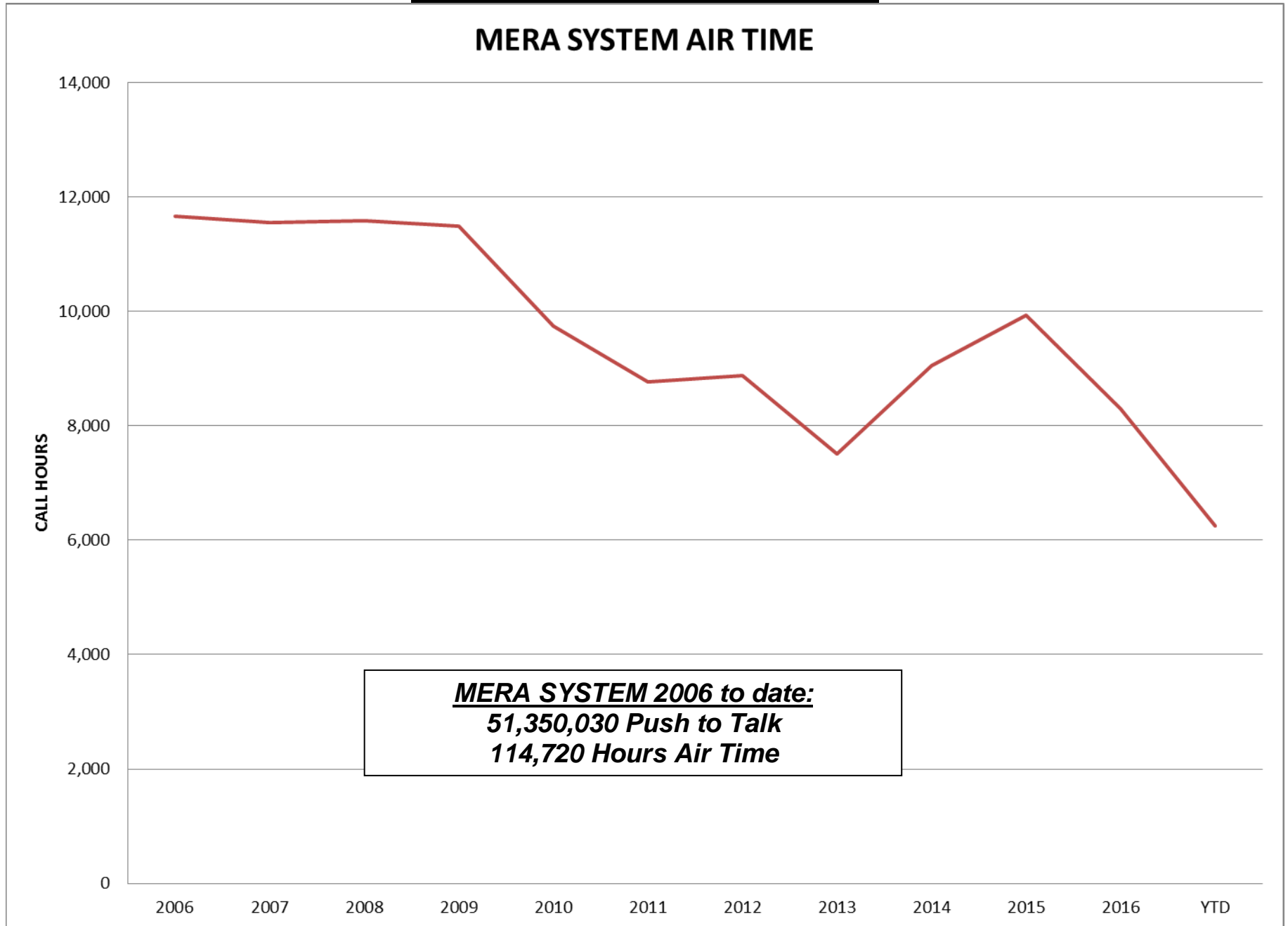


**MERA System Usage Year to Date 2017**

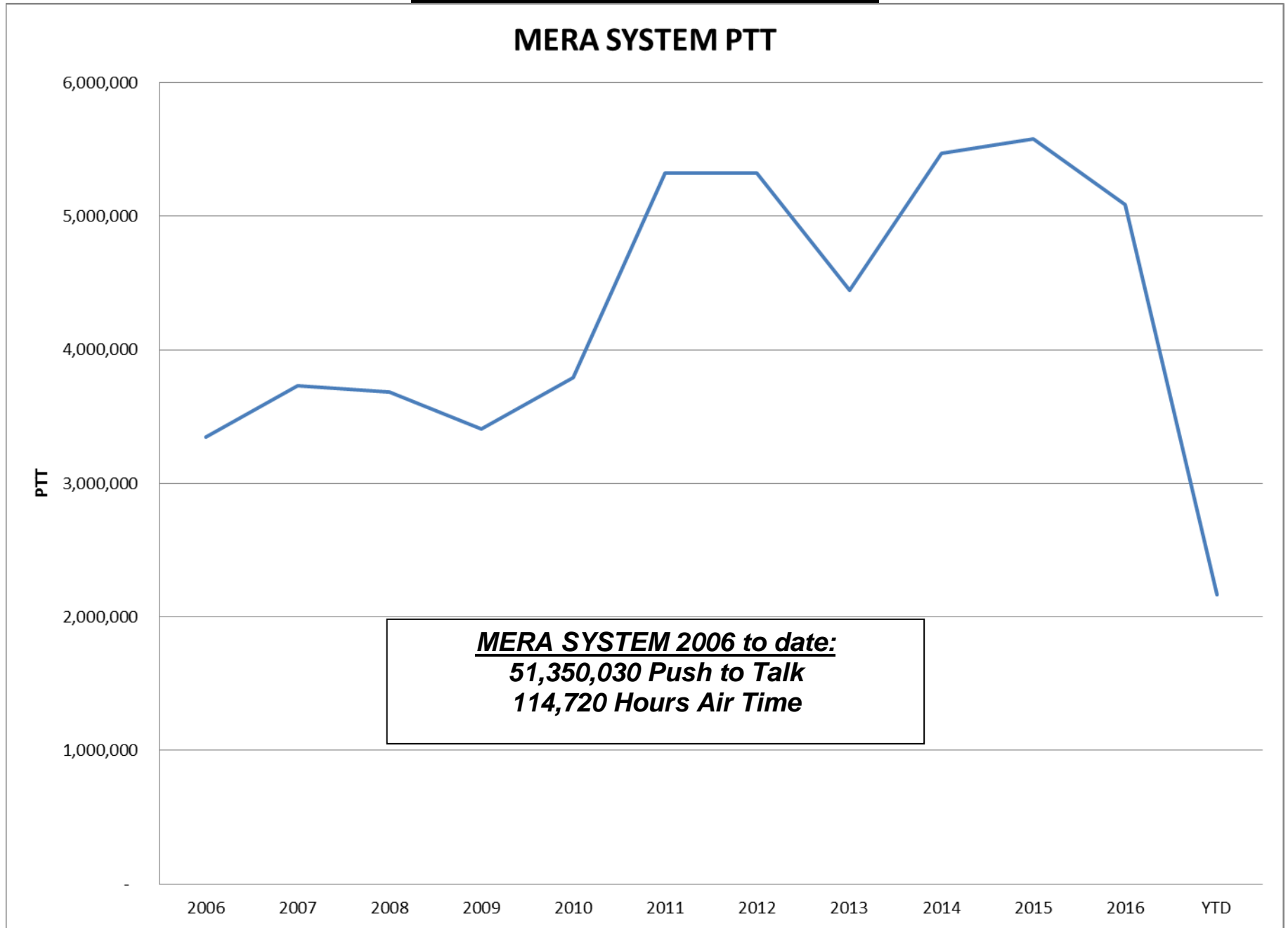
| <u>Agency Grouping</u> | <u>Radio Calls</u> | <u>Call Time</u>  | <u>Busy Time</u> | <u>Category</u>            | <u>Radio Calls</u> | <u>Call Time</u>  | <u>Busy Time</u> | <u>Percent Usage</u> |
|------------------------|--------------------|-------------------|------------------|----------------------------|--------------------|-------------------|------------------|----------------------|
| SO                     | 280,286            | 877:50:34         | 0:00:42          | <b>LAW TOTAL:</b>          | <b>1,454,824</b>   | <b>4240:06:23</b> | <b>0:03:01</b>   | <b>67.8</b>          |
| SRP                    | 256,029            | 782:48:35         | 0:00:04          | <b>FIRE TOTAL:</b>         | <b>452,598</b>     | <b>1235:12:03</b> | <b>0:02:32</b>   | <b>19.8</b>          |
| CMP                    | 225,123            | 682:05:19         | 0:00:21          | <b>PUBLIC WORKS TOTAL:</b> | <b>229,372</b>     | <b>683:35:22</b>  | <b>0:02:56</b>   | <b>10.9</b>          |
| NPD                    | 202,372            | 572:32:38         | 0:00:51          | <b>NON-MERA TOTAL:</b>     | <b>31,239</b>      | <b>91:40:23</b>   | <b>0:00:00</b>   | <b>1.5</b>           |
| SMP                    | 187,764            | 563:45:23         | 0:00:21          |                            | -----              | -----             | -----            | -----                |
| FIRE DSP               | 133,401            | 342:49:36         | 0:00:30          |                            | <b>2,168,033</b>   | <b>6250:34:11</b> | <b>0:08:29</b>   | <b>100.0</b>         |
| COURT/JAIL             | 155,578            | 334:30:11         | 0:00:22          |                            |                    |                   |                  |                      |
| FP                     | 106,706            | 309:28:14         | 0:00:12          |                            |                    |                   |                  |                      |
| MCTD                   | 100,778            | 296:35:57         | 0:00:22          |                            |                    |                   |                  |                      |
| PARKS                  | 66,584             | 203:18:58         | 0:00:29          |                            |                    |                   |                  |                      |
| MCF                    | 67,282             | 192:20:47         | 0:00:40          |                            |                    |                   |                  |                      |
| SMF                    | 75,353             | 178:55:03         | 0:00:22          |                            |                    |                   |                  |                      |
| PUB WKS                | 52,872             | 158:03:58         | 0:02:05          |                            |                    |                   |                  |                      |
| EMS                    | 24,675             | 139:47:14         | 0:00:04          |                            |                    |                   |                  |                      |
| SRF                    | 57,322             | 138:19:19         | 0:00:12          |                            |                    |                   |                  |                      |
| CMF                    | 51,489             | 126:05:45         | 0:00:33          |                            |                    |                   |                  |                      |
| LAW                    | 40,966             | 117:05:29         | 0:00:08          |                            |                    |                   |                  |                      |
| NFD                    | 37,960             | 100:19:47         | 0:00:10          |                            |                    |                   |                  |                      |
| HUMANE                 | 29,385             | 86:31:01          | 0:00:00          |                            |                    |                   |                  |                      |
| ICS                    | 8,288              | 23:36:45          | 0:00:00          |                            |                    |                   |                  |                      |
| SAR/USAR               | 4,092              | 12:29:35          | 0:00:01          |                            |                    |                   |                  |                      |
| MUT AID                | 1,854              | 5:09:22           | 0:00:00          |                            |                    |                   |                  |                      |
| FIRE MSC               | 1,024              | 4:04:57           | 0:00:00          |                            |                    |                   |                  |                      |
| OTHER                  | 850                | 1:59:44           | 0:00:00          |                            |                    |                   |                  |                      |
| <b>TOTAL:</b>          | <b>2,168,033</b>   | <b>6250:34:11</b> | <b>0:08:29</b>   |                            |                    |                   |                  |                      |



**MERA SYSTEM USAGE 2006 TO 2017**



**MERA SYSTEM USAGE 2006 TO 2017**



## Typical Comm Center Peak Usage Times for 8/4 – 8/13

