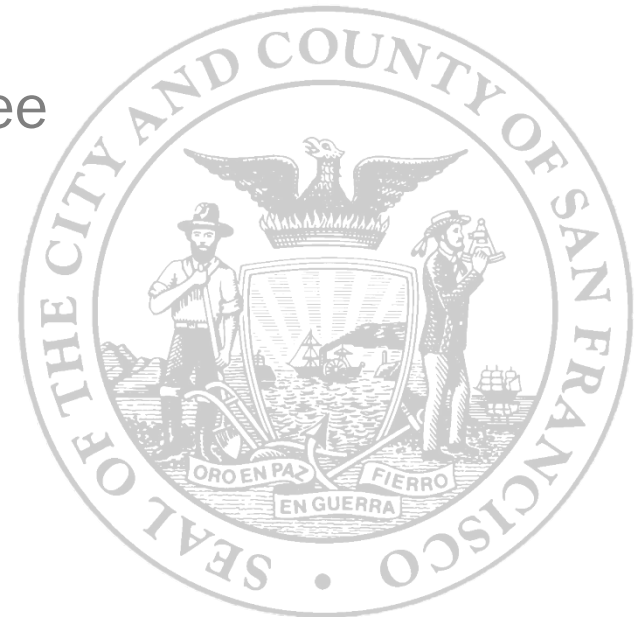


# Vehicle Telematics

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Land Use and Transportation Committee  
October 5, 2020

**Naomi Kelly, City Administrator**



## Fleet Management Actions on Telematics

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1. Established and manage the citywide term contract to consolidate all city departments on the same telematics system
2. Partnered with City departments and the vendor to install and maintain 4,198 telematic devices
3. Developed and issue monthly dashboard reports for departments to monitor their fleet
4. Worked with DataSF to analyze vehicle use patterns and opportunities for increased vehicle pooling
5. Use telematics data to evaluate and make recommendations on departmental vehicle budget requests annually

## Benefits of Telematics

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1. Increased vehicle utilization – Identified and retired over 100 underutilized vehicles since 2018
2. Reduced speeding – high speed incidents reduced by 2/3 since launch
3. Waived smog checks through the California’s Continuous Testing Program: ~1,300 vehicles currently participating, leading to annual savings of ~\$79k.
4. Improved maintenance through system trouble code alerts
5. Enabled real-time monitoring of vehicles

# Monthly Dashboard Sample

| OVERVIEW PAGE   |  | OFFICE OF THE CITY ADMINISTRATOR      |  |
|---|--|---------------------------------------|--|
| Department<br><b>ACC</b>  | <b>Asset Inventory</b>                                 | <b>Telematics Device</b>              |  |
| Report Month:<br><b>2020.07</b>   | Total Asset Count <b>15</b>                            | Devices Reporting <b>11</b>           |  |
| <small>* Please move to separate tabs to see data for different months.</small> | "Vehicle" Count <b>7</b>                               | Devices Not Reporting <b>2</b>        |  |
|   | "Equipment" Count <b>8</b>                             | % Not Reporting <b>18%</b>            |  |
| <b>Vehicle Utilization</b>  | <b>Safety</b>  | <b>Idling</b>                         |  |
| Vehicles Utilized for 100 Miles or Less <b>1</b>                                | Vehicles Showing Speeding Incidents (>80 mph) <b>3</b> | Idling Instances over 5 mins <b>6</b> |  |
| Vehicles Utilized for 5 Days or Fewer <b>0</b>                                  |  |                                       |  |
| Vehicles Utilized for 40 Trips or Fewer <b>1</b>                                | Total Speeding Incidents (>80mph) <b>6</b>             | Total Fleet Idling Time % <b>2%</b>   |  |