

## Plug-In Hybrid Electric Vehicle Operation Data Summary for 2013 Toyota Prius Plug-in VIN 8660

Reporting Period: May 2013 through September 2014

### All Trips<sup>1</sup>

Overall gasoline fuel economy (mpg) <sup>5</sup>	53
Overall DC electrical energy consumption (DC Wh/mi)	12
Total distance driven (mi)	55,402
Average trip distance (mi)	9
Percent of miles city   highway	57%   43%
Average ambient temperature (deg F)	---
Percent of miles driven with air conditioning selected	0%

### EV Trips<sup>2</sup>

Overall gasoline fuel economy (mpg) <sup>5</sup>	N/A
Overall DC electrical energy consumption (DC Wh/mi)	332
Total distance driven (mi)	155
Average trip distance (mi)	0.5
Percent of miles city   highway	100%   0%
Average ambient temperature (deg F)	---
Percent of miles driven with air conditioning selected	0%
Percent of total distance traveled	0%

### Mixed-Mode Trips<sup>3</sup>

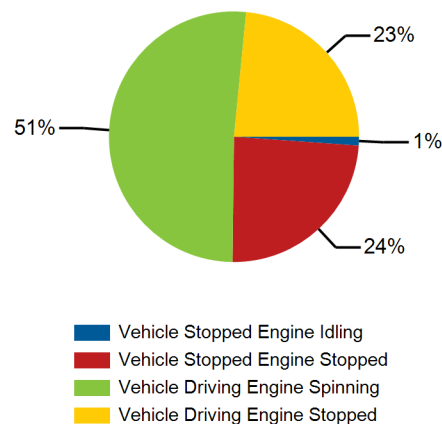
Overall gasoline fuel economy (mpg) <sup>5</sup>	59
Overall DC electrical energy consumption (DC Wh/mi)	48
Total distance driven (mi)	17,775
Average trip distance (mi)	6.6
Percent of miles city   highway	70%   30%
Average ambient temperature (deg F)	---
Percent of miles driven with air conditioning selected	0%
Percent of total distance traveled	32%

### Charge Sustaining Trips<sup>4</sup>

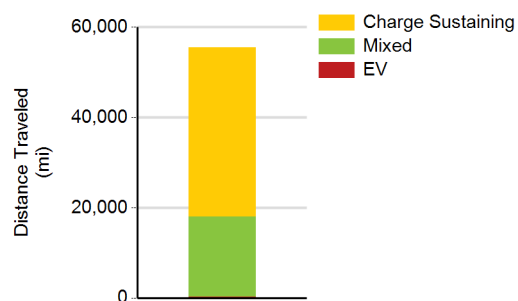
Overall gasoline fuel economy (mpg) <sup>5</sup>	51
Overall DC electrical energy consumption (DC Wh/mi)	-6
Total distance driven (mi)	37,473
Average trip distance (mi)	12.1
Percent of miles city   highway	51%   49%
Average ambient temperature (deg F)	---
Percent of miles driven with air conditioning selected	0%
Percent of total distance traveled	68%



Percent of Drive Time by Operating Mode



Distance Traveled By Trip Type



1. Calculated from on-board electronic data logged over 55,402 miles, which may be a subset of total lifetime miles driven.

2. Trips where the vehicle was propelled by battery energy only, using no gasoline.

3. Trips where gasoline was consumed by the engine, and net electrical energy was consumed from the battery to propel the vehicle.

4. Trips where gasoline was consumed by the engine to propel the vehicle, while the net electrical energy consumed from the battery was less than 1% of the gasoline energy consumed.

5. Gasoline consumption calculated using Mass Air Flow and Commanded or Measured Air-Fuel Ratio read from OBD2 messages assuming  $AFR_{stoich} = 14.7$  and  $\rho_{gasoline} = 2819 \text{ g/gal}$ .