

# On-Road Usage and Performance Summary for 2013 Toyota Prius Plug-in VIN 8661

Reporting Period: April 2013 through April 2016

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

Overall gasoline fuel economy (mpg) <sup>5</sup>	50
Overall DC electrical energy consumption (DC Wh/mi)	6
Total distance driven (mi)	155,549
Average trip distance (mi)	15
Percent of miles city   highway	46%   54%
Average ambient temperature (deg F)	---
Percent of time driven with air conditioning selected	---

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

Overall gasoline fuel economy (mpg) <sup>5</sup>	N/A
Overall DC electrical energy consumption (DC Wh/mi)	326
Total distance driven (mi)	223
Average trip distance (mi)	0.4
Percent of miles city   highway	100%   0%
Average ambient temperature (deg F)	---
Percent of time driven with air conditioning selected	---
Percent of total distance traveled	0%

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

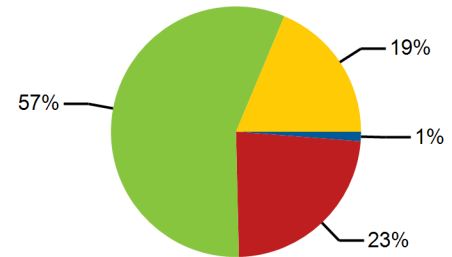
Overall gasoline fuel economy (mpg) <sup>5</sup>	52
Overall DC electrical energy consumption (DC Wh/mi)	29
Total distance driven (mi)	43,643
Average trip distance (mi)	10.5
Percent of miles city   highway	52%   48%
Average ambient temperature (deg F)	---
Percent of time driven with air conditioning selected	---
Percent of total distance traveled	28%

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

Overall gasoline fuel economy (mpg) <sup>5</sup>	49
Overall DC electrical energy consumption (DC Wh/mi)	-4
Total distance driven (mi)	111,683
Average trip distance (mi)	19.1
Percent of miles city   highway	44%   56%
Average ambient temperature (deg F)	---
Percent of time driven with air conditioning selected	---
Percent of total distance traveled	72%

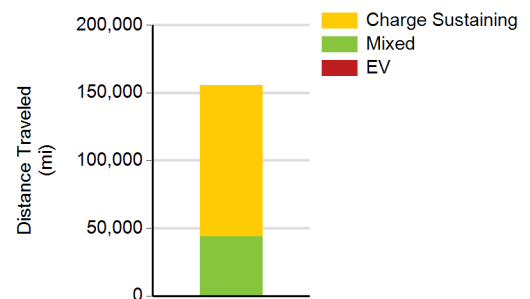


Percent of Drive Time by Operating Mode



- Vehicle Stopped Engine Idling
- Vehicle Stopped Engine Stopped
- Vehicle Driving Engine Spinning
- Vehicle Driving Engine Stopped

Distance Traveled by Trip Type



1. Calculated from on-board electronic data logged over 155,549 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  $\rho_{gasoline} = 2819 \text{ g/gal}$ .