

On-Road Usage and Performance Summary for 2013 Ford Fusion Energi SE VIN 3875

Reporting Period: February 2014 through May 2016

All Trips¹

Overall gasoline fuel economy (mpg) ⁵	44
Overall DC electrical energy consumption (DC Wh/mi)	13
Total distance driven (mi)	134,769
Average trip distance (mi)	12
Percent of miles city highway	48% 52%
Average ambient temperature (deg F)	86.0
Percent of time driven with air conditioning selected	90%



EV Trips²

Overall gasoline fuel economy (mpg) ⁵	N/A
Overall DC electrical energy consumption (DC Wh/mi)	327
Total distance driven (mi)	1,678
Average trip distance (mi)	1.9
Percent of miles city highway	99% 1%
Average ambient temperature (deg F)	81.9
Percent of time driven with air conditioning selected	88%
Percent of total distance traveled	1%

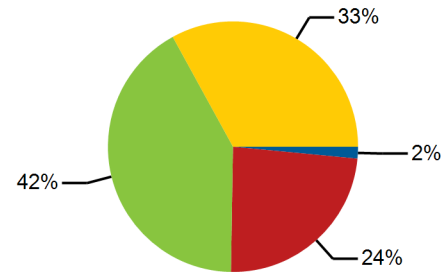
Mixed-Mode Trips³

Overall gasoline fuel economy (mpg) ⁵	51
Overall DC electrical energy consumption (DC Wh/mi)	73
Total distance driven (mi)	27,241
Average trip distance (mi)	8.2
Percent of miles city highway	61% 39%
Average ambient temperature (deg F)	85.3
Percent of time driven with air conditioning selected	89%
Percent of total distance traveled	20%

Charge Sustaining Trips⁴

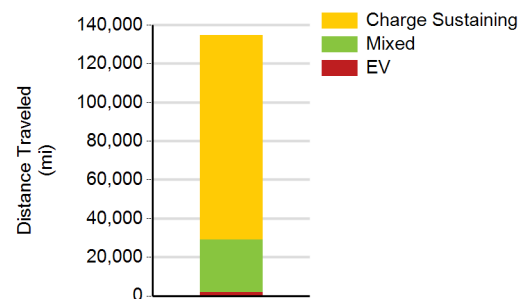
Overall gasoline fuel economy (mpg) ⁵	41
Overall DC electrical energy consumption (DC Wh/mi)	-7
Total distance driven (mi)	105,850
Average trip distance (mi)	15.5
Percent of miles city highway	43% 57%
Average ambient temperature (deg F)	86.4
Percent of time driven with air conditioning selected	90%
Percent of total distance traveled	79%

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 134,769 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 $\rho_{gasoline} = 2819 \text{ g/gal}$.