

Chrysler RAM PHEV Fleet

Number of vehicles: 108
Reporting period: Quarter 2, 2012

All Fleets

Date range of data received: 4/1/2012 to 6/30/2012
Number of vehicle days driven: 4084

All Trips Combined

| | |
|--|---------|
| Overall gasoline fuel economy (mpg) | 20 |
| Overall AC electrical energy consumption (AC Wh/mi) ¹ | 93 |
| Overall DC electrical energy consumption (DC Wh/mi) ² | 71 |
| Overall DC electrical energy captured from regenerative braking (DC Wh/mi) | 42 |
| Total number of trips | 24,834 |
| Total distance traveled (mi) | 254,776 |

Trips in Charge Depleting (CD) mode³

| | |
|--|----------|
| Gasoline fuel economy (mpg) | 25 |
| DC electrical energy consumption (DC Wh/mi) ⁴ | 208 |
| Number of trips | 10,232 |
| Percent of trips city highway | 93% 7% |
| Distance traveled (mi) | 64,423 |
| Percent of total distance traveled | 25% |

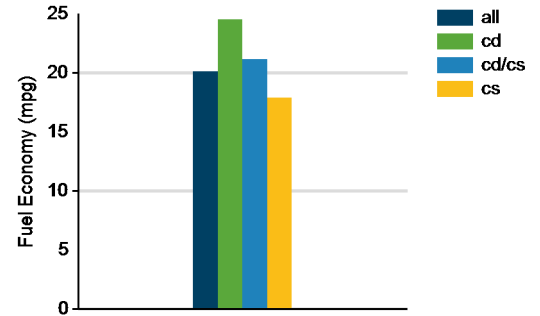
Trips in both Charge Depleting & Charge Sustaining (CD/CS) modes⁵

| | |
|--|-----------------|
| Gasoline fuel economy (mpg) | 21 |
| DC electrical energy consumption (DC Wh/mi) ⁶ | 70 |
| Number of trips | 2,898 |
| Percent of trips city highway | 69% 31% |
| Distance traveled CD CS (mi) | 26,668 43,006 |
| Percent of total distance traveled CD CS | 10% 17% |

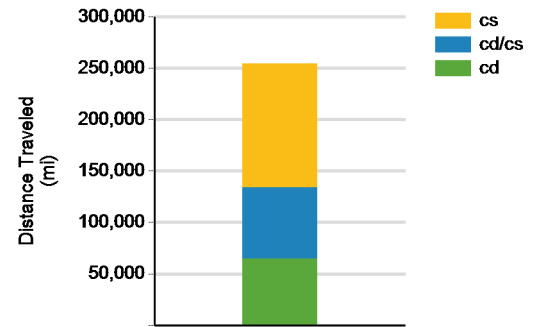
Trips in Charge Sustaining (CS) mode⁷

| | |
|------------------------------------|-----------|
| Gasoline fuel economy (mpg) | 18 |
| Number of trips | 11,704 |
| Percent of trips city highway | 88% 12% |
| Distance traveled (mi) | 121,028 |
| Percent of total distance traveled | 47% |

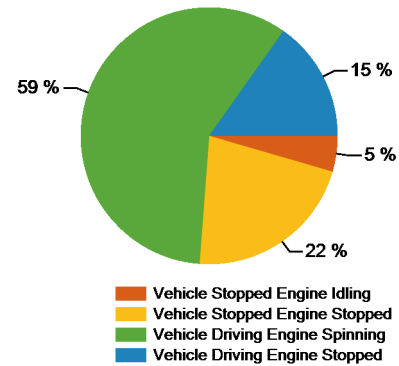
Gasoline Fuel Economy By Trip Type



Distance Traveled By Trip Type



Percent of Drive Time by Operating Mode



Notes: 1 - 9. Please see <http://avt.inl.gov/pdf/phev/chryslerreportnotes.pdf> for an explanation of all PHEV Fleet Testing Report notes. This document also includes all report changes to date.

The Chrysler RAM PHEV Fleet was designed as a demonstration program of customer duty cycles related to plug-in electric vehicles and may not necessarily demonstrate optimized fuel economy.

Vehicle fuel economy is based on customer usage and may not be representative of maximum potential fuel economy.

Trips in Charge Depleting (CD) mode

| | City | Highway |
|--|------|---------|
| Gasoline fuel economy (mpg) | 24 | 26 |
| DC electrical energy consumption (DC Wh/mi) | 232 | 156 |
| Percent of miles with internal combustion engine off | 15% | 3% |
| Average trip Agressiveness | 6 | 3.8 |
| Average trip distance (mi) | 5 | 26 |

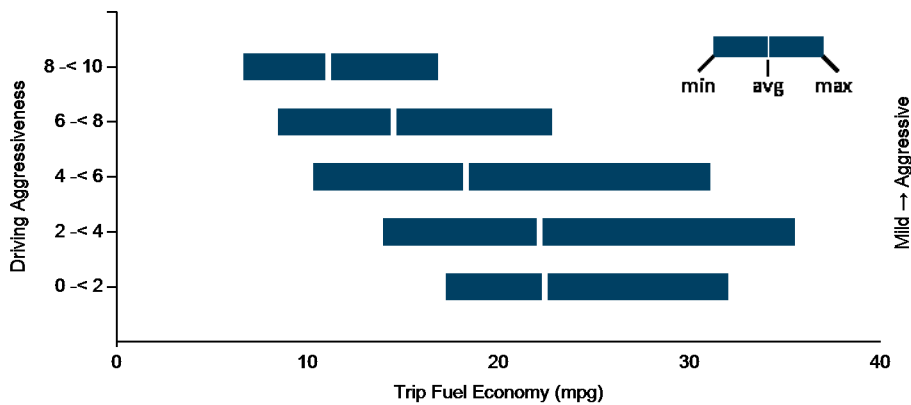
Trips in Charge Depleting and Charge Sustaining (CD/CS) mode

| | | |
|--|-----|-----|
| Gasoline fuel economy (mpg) | 20 | 22 |
| DC electrical energy consumption (DC Wh/mi) | 90 | 58 |
| Percent of miles with internal combustion engine off | 12% | 2% |
| Average trip Agressiveness | 5.4 | 2.9 |
| Average trip distance (mi) | 13 | 48 |

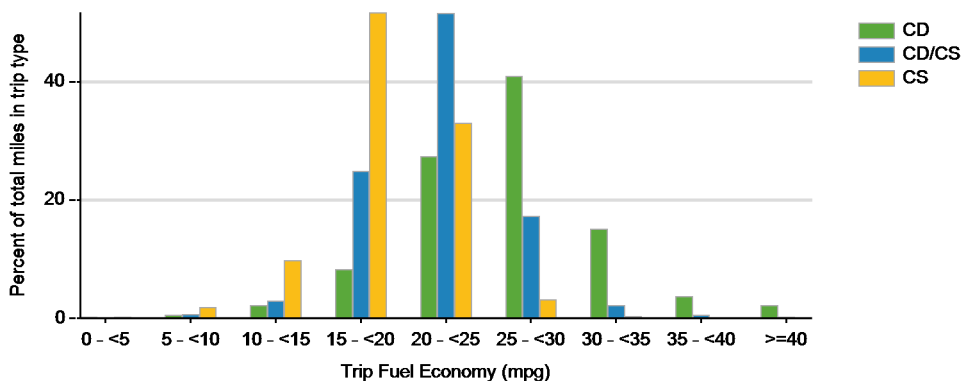
Trips in Charge Sustaining (CS) mode

| | | |
|--|-----|-----|
| Gasoline fuel economy (mpg) | 16 | 20 |
| Percent of miles with internal combustion engine off | 11% | 2% |
| Average trip Agressiveness | 5.8 | 2.7 |
| Average trip distance (mi) | 6 | 43 |

Effect of Driving Aggressiveness on Fuel Economy^a



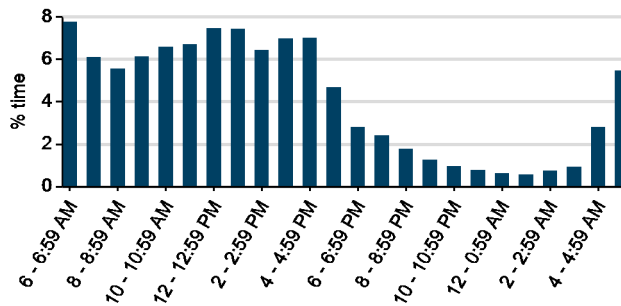
Trip Fuel Economy Distribution By Trip Type



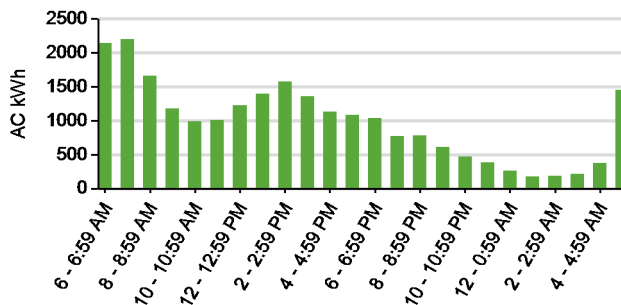
Plug-in charging

| | | |
|--|--------|--------|
| Average number of charging events per vehicle per month when driven | 12.53 | |
| Average number of charging events per vehicle per day when driven | 0.95 | |
| Average distance driven between charging events (mi) | 65.82 | |
| Average number of trips between charging events | 6.42 | |
| Average time charging per charging event (hr) | 2.29 | |
| Average energy per charging event (AC kWh) | 6.11 | |
| Average charging energy per vehicle per month (AC kWh) | 76.56 | |
| Total number of charging events | 3,871 | |
| Number of charging events at Level 1 Level 2 | 879 | 2978 |
| Total charging energy consumed (AC kWh) | 23,657 | |
| Charging energy consumed at Level 1 Level 2 (AC kWh) | 3,972 | 19,682 |
| Percent of total charging energy from Level 1 Level 2 | 17% | 83% |
| Average time to charge from 20% to 100% SOC (hrs) Level 1 Level 2 ⁹ | 12.48 | 2.88 |

Time of Day When Driving



Time of Day When Charging



Time of Day When Plugging In

