Chrysler RAM PHEV Fleet

Number of vehicles: 103

Reporting period: July 2012

All Fleets

Date range of data received: 7/1/2012 to 7/31/2012

Number of vehicle days driven: 1229

All Trips Combined

Overall gasoline fuel economy (mpg)	19
Overall AC electrical energy consumption (AC Wh/mi)[1]	133
Overall DC electrical energy consumption (DC Wh/mi)[2]	74
Overall DC electrical energy captured from regenerative braking (DC Wh/mi)	33
Total number of trips	5,273
Total distance traveled (mi)	44,936

Trips in Charge Depleting (CD) mode[3]

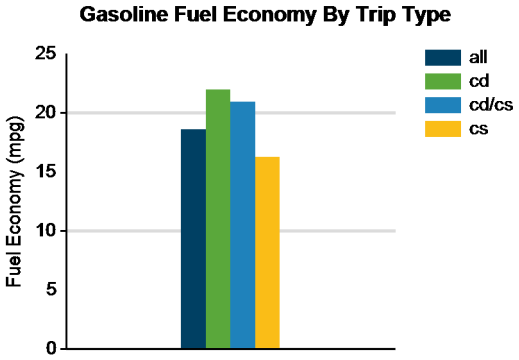
Gasoline fuel economy (mpg)	22
DC electrical energy consumption (DC Wh/mi)[4]	238
Number of trips	2,568
Percent of trips city | highway	95% | 5%
Distance traveled (mi)	11,626
Percent of total distance traveled	26%

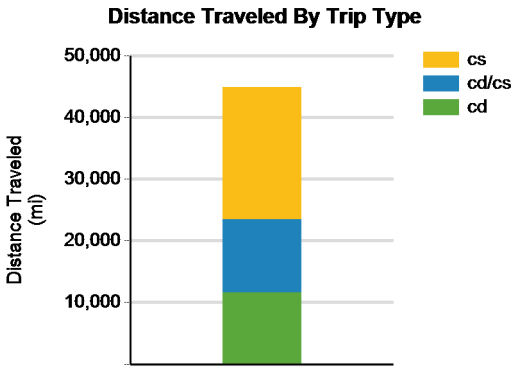
Trips in both Charge Depleting & Charge Sustaining (CD/CS) modes[5]

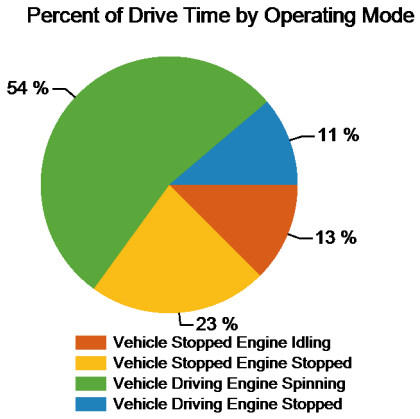
Gasoline fuel economy (mpg)	21
DC electrical energy consumption (DC Wh/mi)[6]	70
Number of trips	482
Percent of trips city | highway	70% | 30%
Distance traveled CD | CS (mi)	4,343 | 7,493
Percent of total distance traveled CD | CS	10% | 17%

Trips in Charge Sustaining (CS) mode[7]

Gasoline fuel economy (mpg)	16
Number of trips	2,223
Percent of trips city | highway	89% | 11%
Distance traveled (mi)	21,499
Percent of total distance traveled	48%







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.

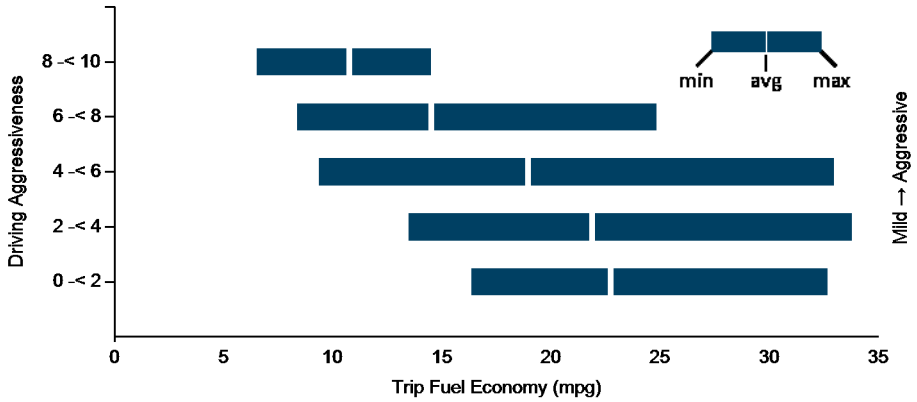
Vehicle fuel economy is based on customer usage and may not be representative of maximum potential fuel economy.

Trips in Charge Depleting (CD) mode	City	Highway
Gasoline fuel economy (mpg)	20	27
DC electrical energy consumption (DC Wh/mi)	274	161
Percent of miles with internal combustion engine off	12%	3%
Average trip Agressiveness	6	3.5
Average trip distance (mi)	3	29

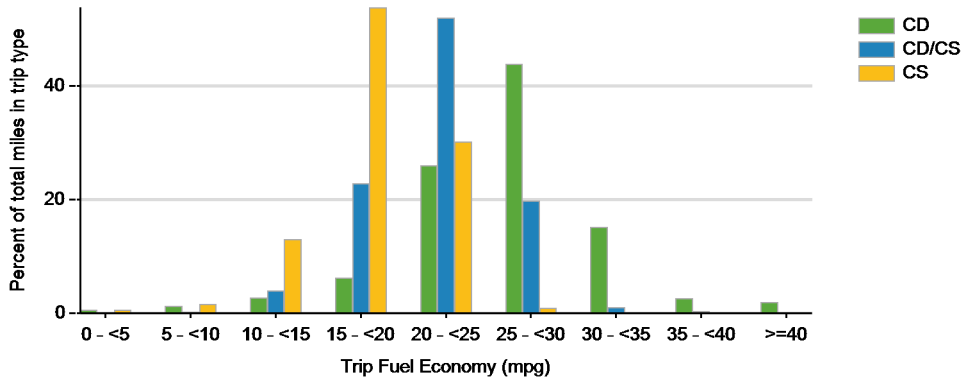
Trips in Charge Depleting and Charge Sustaining (CD/CS) mode		
Gasoline fuel economy (mpg)	19	22
DC electrical energy consumption (DC Wh/mi)	103	54
Percent of miles with internal combustion engine off	10%	1%
Average trip Agressiveness	5.2	2.6
Average trip distance (mi)	12	54

Trips in Charge Sustaining (CS) mode		
Gasoline fuel economy (mpg)	13	19
Percent of miles with internal combustion engine off	8%	1%
Average trip Agressiveness	5.8	2.7
Average trip distance (mi)	4	53

Effect of Driving Aggressiveness on Fuel Economy[8]



Trip Fuel Economy Distribution By Trip Type



Plug-in charging

Average number of charging events per vehicle per month when driven			9.79
Average number of charging events per vehicle per day when driven			0.82
Average distance driven between charging events (mi)			44.58
Average number of trips between charging events			5.23
Average time charging per charging event (hr)			2.54
Average energy per charging event (AC kWh)			5.95
Average charging energy per vehicle per month (AC kWh)			58.21
Total number of charging events			1,008
Number of charging events at Level 1 | Level 2	256	|	749
Total charging energy consumed (AC kWh)			5,996
Charging energy consumed at Level 1 | Level 2 (AC kWh)	1,236	|	4,760
Percent of total charging energy from Level 1 | Level 2	21%	|	79%
Average time to charge from 20% to 100% SOC (hrs) Level 1 | Level 2[9]	14.39	|	3.55