North American PHEV Demonstration

Fleet Summary Report - Hymotion Prius (V2Green datalogger)

Number of vehicles: 14

Reporting Period: Seattle Vehicles
Mar - Dec 2008

Date range of data received:
4/24/2008 to 12/31/2008

Number of days the vehicles were driven: 171

All Trips Combined

Overall gasoline fuel economy (mpg)	51
Total number of trips	2975
Total distance traveled (mi)	17636

Trips in Charge Depleting (CD) mode *

Gasoline fuel economy (mpg)	59
Number of trips	1864
Percent of trips city / highway	90.20% / 9.80%
Distance traveled (mi)	8886
Percent of total distance traveled	50.38%

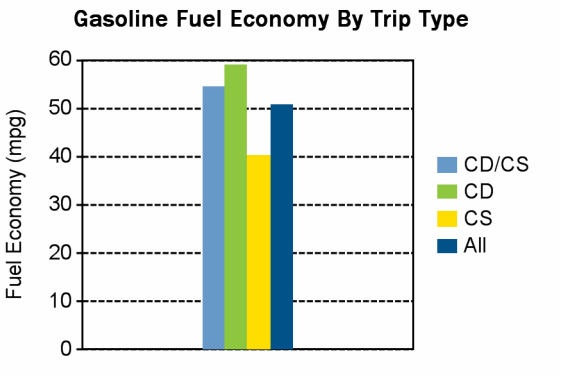
Trips in combined Charge Depleting and Charge Sustaining (CD/CS) modes**

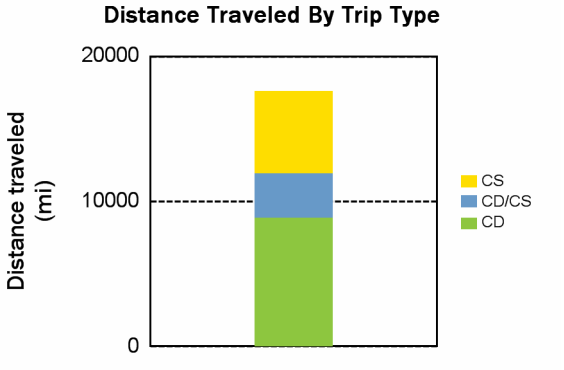
Gasoline fuel economy (mpg)	54
Number of trips	236
Percent of trips city / highway	71.60% / 28.40%
Distance traveled (mi)	2977
Percent of total distance traveled	16.88%

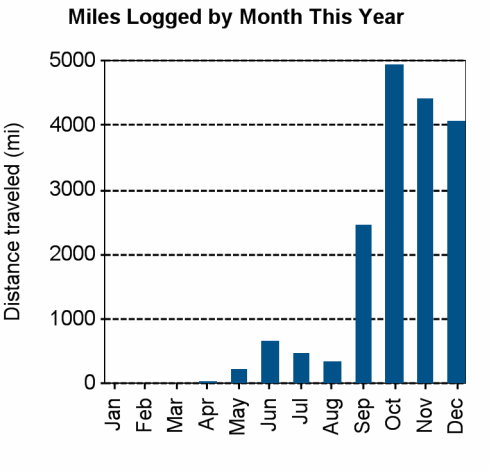
Trips in Charge Sustaining (CS) mode***

Gasoline fuel economy (mpg)	40
Number of trips	875
Percent of trips city / highway	88.80% / 11.20%
Distance traveled (mi)	5774
Percent of total distance traveled	32.74%

Number of trips when the plug-in battery pack was turned off^	21
Distance traveled with plug-in battery pack turned off (mi)^^	173







* Trips when the plug-in battery pack charge is depeleted to propel the vehicle throughout entire trip

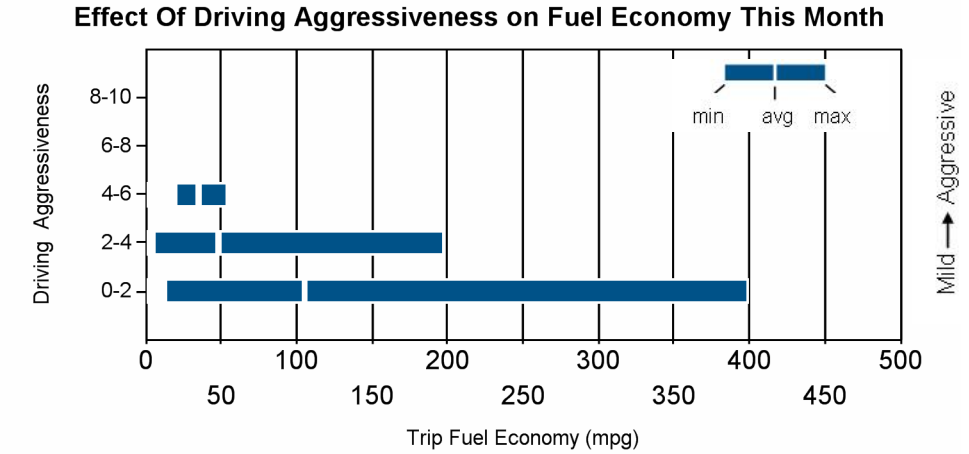
** Trips when the plug-in battery pack is depleted to propel the vehicle for a portion of the trip, but is fully depleted prior to the end of the trip

*** Trips when the plug-in battery pack is not used to propel the vehicle - either the plug-in battery is fully depleted before the beginning of the trip, or the plug-in battery pack is turned off

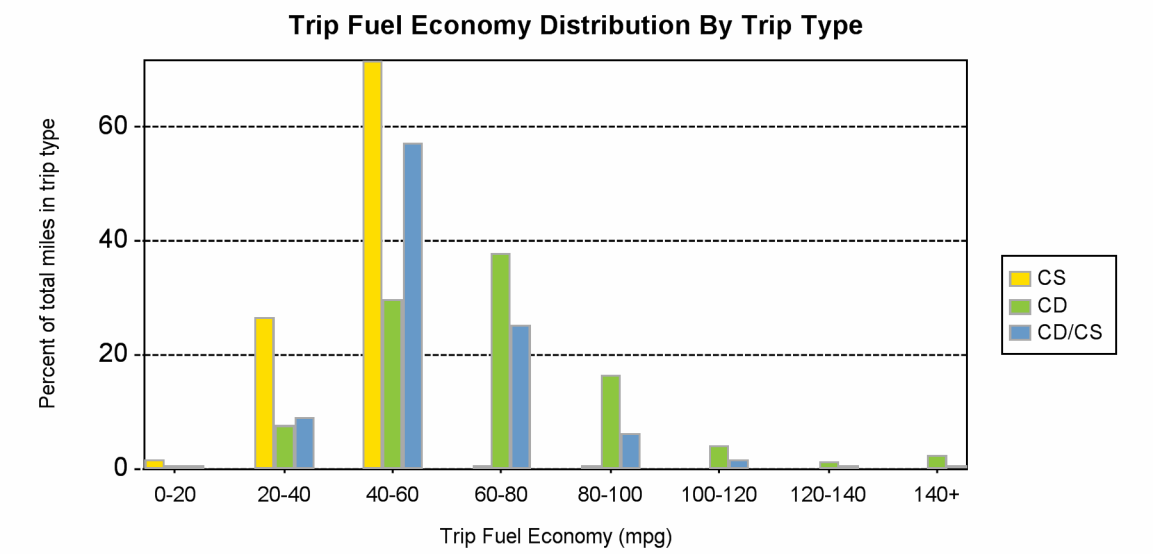
^ "Number of trips with plug-in battery pack turned off" is a subset of number of trips in combined CD/CS and CS mode

^^ "Distance traveled with plug-in battery pack turned off" is a subset of distance traveled in combinecd CD/CD and CS modes

Trips in Charge Depleting (CD) mode	City	Highway
Gasoline fuel economy (mpg)	55	67
Percent of miles in electric-only mode	27.00%	9.00%
Average trip aggressiveness (on scale 0 - 10)	1.9	1.6
Average trip distance (mi)	3.3	17.9
Trips in combined Charge Depleting and Charge Sustaining (CD/CS) modes		
Gasoline fuel economy (mpg)	51	58
Percent of miles in electric-only mode	25.00%	8.00%
Average trip aggressiveness (on scale 0 - 10)	2.0	1.6
Average trip distance (mi)	8.2	23.8
Trips in Charge Sustaining (CS) mode		
Gasoline fuel economy (mpg)	37	46
Percent of miles in electric-only mode	23.00%	6.00%
Average trip aggressiveness (on scale 0 - 10)	1.8	1.6
Average trip distance (mi)	4.2	25.6

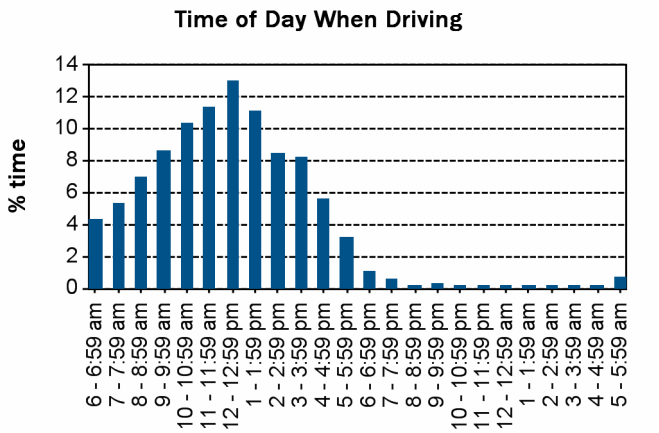


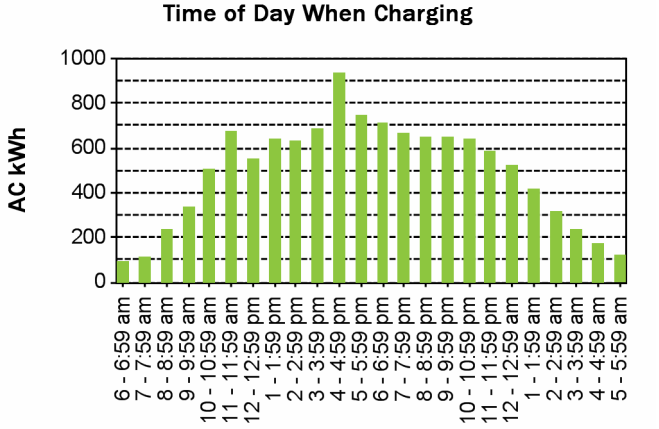
Aggressiveness factor is based on accelerator pedal position. The more time spent during a trip at higher accelerator pedal position, the higher the trip agressiveness.

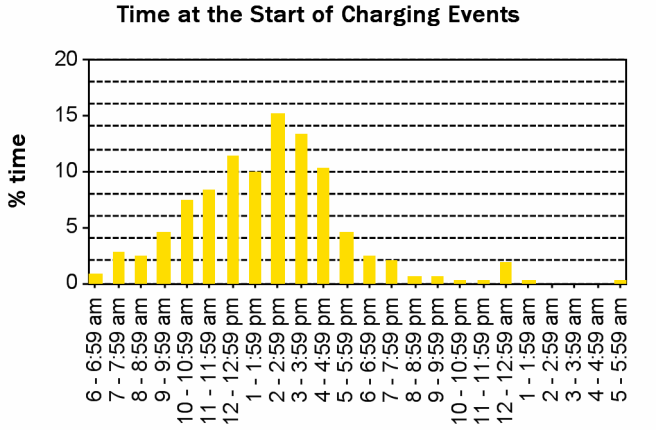


Plug-in charging

Average number of charging events per vehicle per month when driven	0
Average number of charging events per vehicle per day when vehicle driven	0
Average distance between charging events	22.1
Average number of trips between charging events	3.7
Average duration of charging event (hr) *	25.5
Average energy per charging event (AC kWh)	2.6
Average charging energy per vehicle per month (AC kWh)	0.0
Total number of charging events	797.0
Total charging energy (AC kWh)	2081.8







*Average duration of charging event is the average length of time per charging event when the vehicle was plugged into the electrical grid. Electrical energy was not necessarily drawn during the entire period when the vehicle was plugged in.