Ford Escape Advanced Research Fleet

Number of vehicles: 20
Reporting period: Jan 12 - July 12
Date range of data received: 01/01/2012 to 07/31/2012
Number of vehicle days driven: 1,922

All Trips Combined

Overall gasoline fuel economy (mpg)	38
Overall AC electrical energy consumption (AC Wh/mi)[1]	108
Overall DC electrical energy consumption (DC Wh/mi)[2]	75
Total number of trips	10,798
Total distance traveled (mi)	118,394

Trips in Charge Depleting (CD) mode[3]

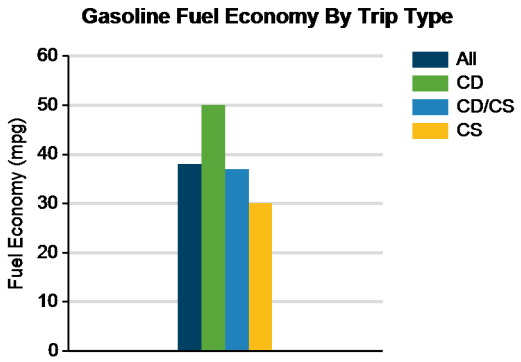
Gasoline fuel economy (mpg)	50
DC electrical energy consumption (DC Wh/mi)[4]	158
Number of trips	6,675
Percent of trips city | highway	80% | 20%
Distance traveled (mi)	40,845
Percent of total distance traveled	34%

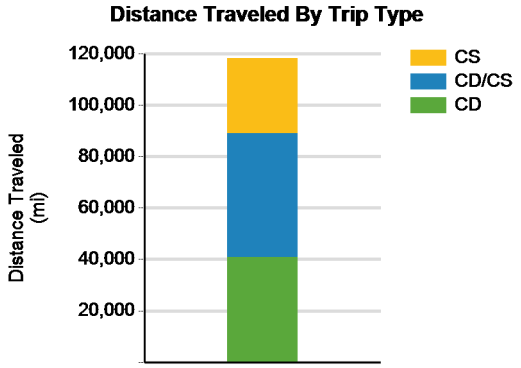
Trips in both Charge Depleting & Charge Sustaining (CD/CS) modes[5]

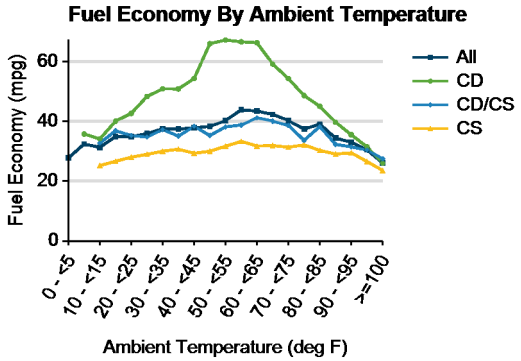
Gasoline fuel economy (mpg)	37
DC electrical energy consumption (DC Wh/mi)[6]	55
Number of trips	1,916
Percent of trips city | highway	38% | 62%
Distance traveled (mi)	48,296
Percent of total distance traveled	41%

Trips in Charge Sustaining (CS) mode[7]

Gasoline fuel economy (mpg)	30
Number of trips	2,206
Percent of trips city | highway	67% | 33%
Distance traveled (mi)	29,253
Percent of total distance traveled	25%







Notes: 1 - 7. Please see http://avt.inl.gov/pdf/phev/fordreportnotes.pdf for an explanation of all PHEV Fleet Testing Report notes.

Since these vehicles are flex-fuel capable, some driving events are conducted with E-85, which may decrease fuel economy results

"The Ford Escape Advanced Research Fleet was designed as a demonstration of customer duty cycles related to plug-in electric vehicles. The vehicles used in this demonstration have not been optimized to provide the maximum potential fuel economy."

Trips in Charge Depleting (CD) mode

	City	Highway
Gasoline fuel economy (mpg)	44	57
DC electrical energy consumption (DC Wh/mi)	144	169
Percent of miles with internal combustion engine off	30%	10%
Average trip driving intensity (Wh/mi)	289	326
Average trip distance (mi)	4	17

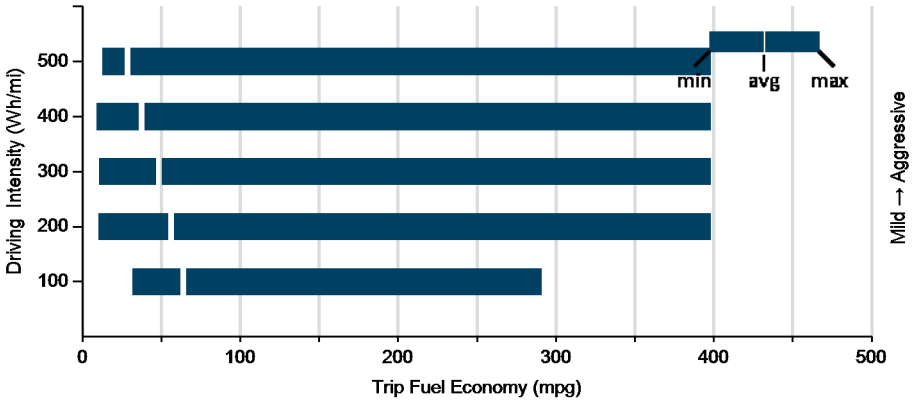
Trips in Charge Depleting and Charge Sustaining (CD/CS) mode

Gasoline fuel economy (mpg)	43	36
DC electrical energy consumption (DC Wh/mi)	78	52
Percent of miles with internal combustion engine off	29%	5%
Average trip driving intensity (Wh/mi)	287	342
Average trip distance (mi)	9	35

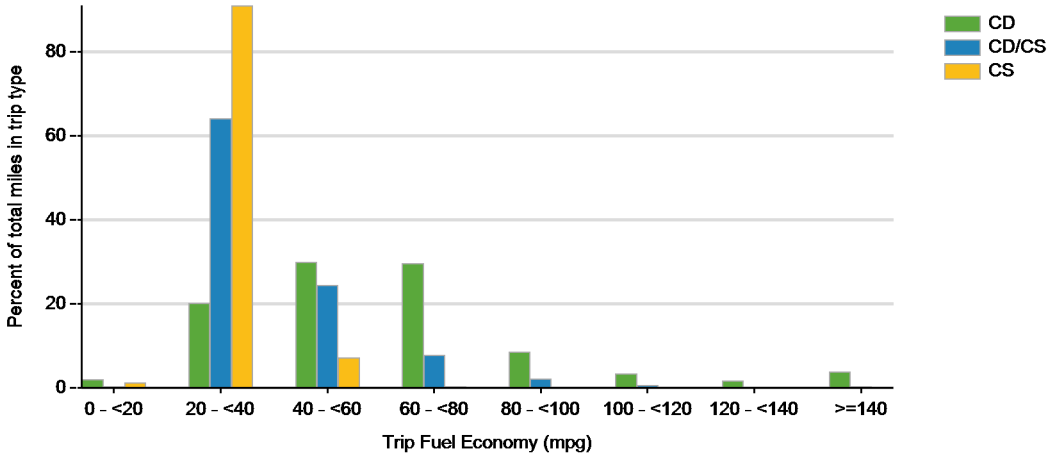
Trips in Charge Sustaining (CS) mode

Gasoline fuel economy (mpg)	30	31
Percent of miles with internal combustion engine off	24%	4%
Average trip driving intensity (Wh/mi)	285	344
Average trip distance (mi)	3	33

Effect Of Driving Intensity (Wheel Energy) on Fuel Economy This Month



Trip Fuel Economy Distribution By Trip Type



Plug-in charging

Average number of charging events per vehicle per month when driven	32
Average number of charging events per vehicle per day when driven	2.1
Average distance driven between charging events (mi)	29.0
Average number of trips between charging events	2.6
Average time plugged in per charging event (hr)	6.2
Average time charging per charging event (hr)	2.2
Average energy per charging event (AC kWh)	3.1
Average charging energy per vehicle per month (AC kWh)	99.9
Total number of charging events	4,079
Total charging energy (AC kWh)	12,782