Ford Escape Advanced Research Fleet

Number of vehicles: 17
Reporting period: January 2012
Date range of data received: 01/01/2012 to 01/31/2012
Number of vehicle days driven: 280

All Trips Combined

Overall gasoline fuel economy (mpg)	36
Overall AC electrical energy consumption (AC Wh/mi)[1]	110
Overall DC electrical energy consumption (DC Wh/mi)[2]	75
Total number of trips	1,586
Total distance traveled (mi)	16,990

Trips in Charge Depleting (CD) mode[3]

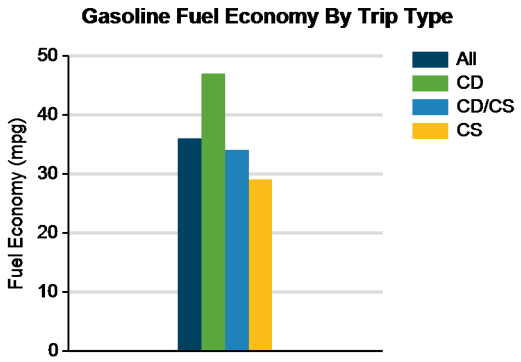
Gasoline fuel economy (mpg)	47
DC electrical energy consumption (DC Wh/mi)[4]	165
Number of trips	908
Percent of trips city | highway	78% | 22%
Distance traveled (mi)	5,610
Percent of total distance traveled	33%

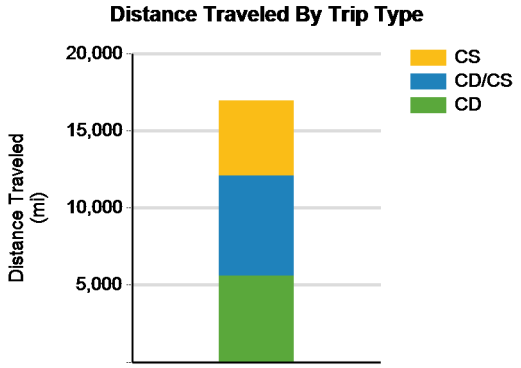
Trips in both Charge Depleting & Charge Sustaining (CD/CS) modes[5]

Gasoline fuel economy (mpg)	34
DC electrical energy consumption (DC Wh/mi)[6]	60
Number of trips	284
Percent of trips city | highway	44% | 56%
Distance traveled (mi)	6,486
Percent of total distance traveled	38%

Trips in Charge Sustaining (CS) mode[7]

Gasoline fuel economy (mpg)	29
Number of trips	394
Percent of trips city | highway	68% | 32%
Distance traveled (mi)	4,893
Percent of total distance traveled	29%





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)	43	52
DC electrical energy consumption (DC Wh/mi)	155	173
Percent of miles with internal combustion engine off	27%	8%
Average trip driving intensity (Wh/mi)	285	320
Average trip distance (mi)	4	16

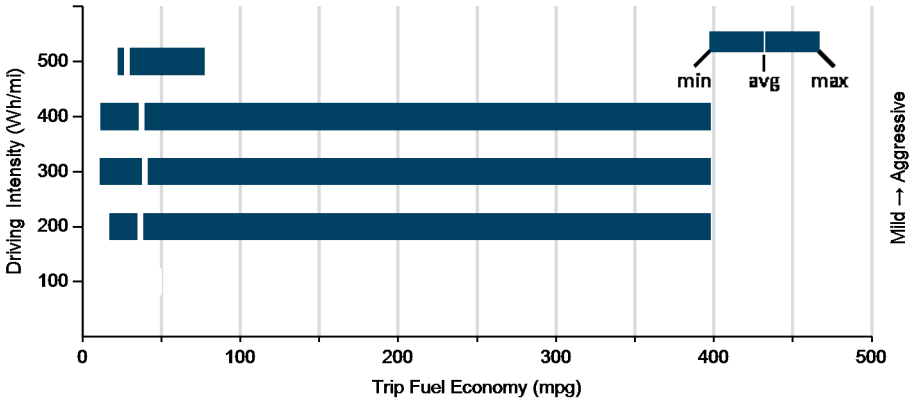
Trips in Charge Depleting and Charge Sustaining (CD/CS) mode

Gasoline fuel economy (mpg)	36	34
DC electrical energy consumption (DC Wh/mi)	53	61
Percent of miles with internal combustion engine off	25%	4%
Average trip driving intensity (Wh/mi)	295	343
Average trip distance (mi)	8	34

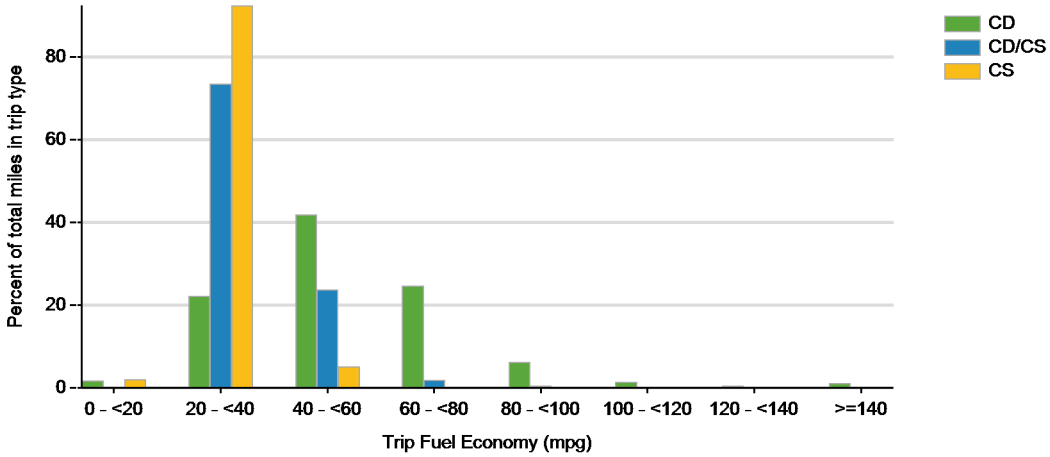
Trips in Charge Sustaining (CS) mode

Gasoline fuel economy (mpg)	27	30
Percent of miles with internal combustion engine off	22%	4%
Average trip driving intensity (Wh/mi)	293	343
Average trip distance (mi)	3	31

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	25
Average number of charging events per vehicle per day when driven	1.5
Average distance driven between charging events (mi)	39.9
Average number of trips between charging events	3.7
Average time plugged in per charging event (hr)	8.8
Average time charging per charging event (hr)	3.0
Average energy per charging event (AC kWh)	4.4
Average charging energy per vehicle per month (AC kWh)	109.5
Total number of charging events	426
Total charging energy (AC kWh)	1,862