Ford Escape Advanced Research Fleet

Number of vehicles: 19
Reporting period: February 2012
Date range of data received: 02/01/2012 to 02/29/2012
Number of vehicle days driven: 294

All Trips Combined

Overall gasoline fuel economy (mpg)	36
Overall AC electrical energy consumption (AC Wh/mi)[1]	97
Overall DC electrical energy consumption (DC Wh/mi)[2]	67
Total number of trips	1,720
Total distance traveled (mi)	19,451

Trips in Charge Depleting (CD) mode[3]

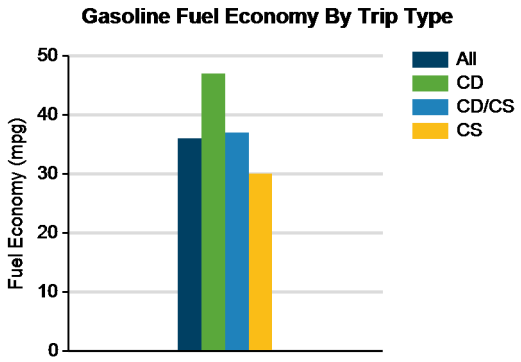
Gasoline fuel economy (mpg)	47
DC electrical energy consumption (DC Wh/mi)[4]	161
Number of trips	977
Percent of trips city | highway	83% | 17%
Distance traveled (mi)	5,420
Percent of total distance traveled	28%

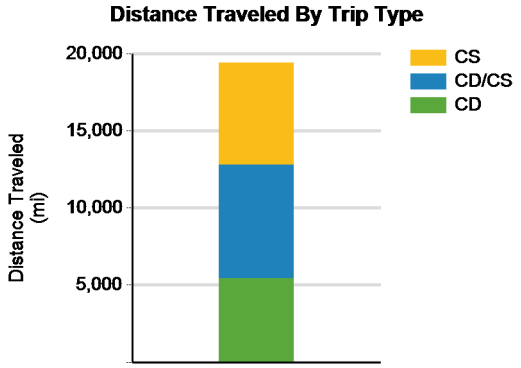
Trips in both Charge Depleting & Charge Sustaining (CD/CS) modes[5]

Gasoline fuel economy (mpg)	37
DC electrical energy consumption (DC Wh/mi)[6]	63
Number of trips	301
Percent of trips city | highway	42% | 58%
Distance traveled (mi)	7,386
Percent of total distance traveled	38%

Trips in Charge Sustaining (CS) mode[7]

Gasoline fuel economy (mpg)	30
Number of trips	442
Percent of trips city | highway	63% | 37%
Distance traveled (mi)	6,645
Percent of total distance traveled	34%





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)	41	57
DC electrical energy consumption (DC Wh/mi)	142	183
Percent of miles with internal combustion engine off	25%	10%
Average trip driving intensity (Wh/mi)	295	330
Average trip distance (mi)	4	16

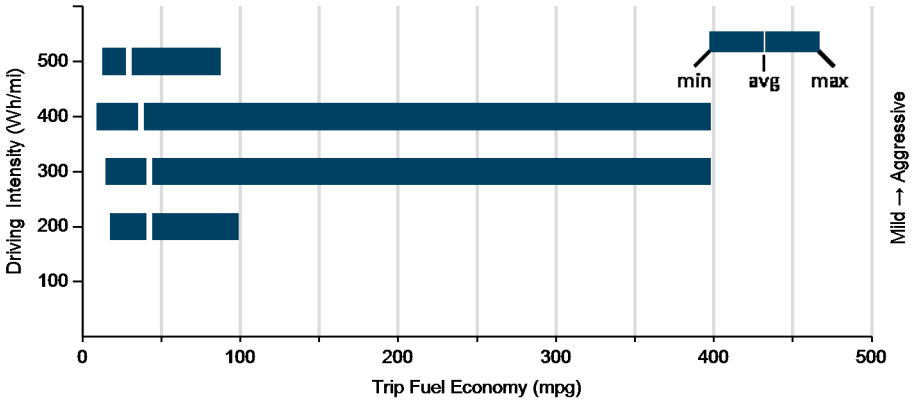
Trips in Charge Depleting and Charge Sustaining (CD/CS) mode

Gasoline fuel economy (mpg)	41	36
DC electrical energy consumption (DC Wh/mi)	72	62
Percent of miles with internal combustion engine off	28%	5%
Average trip driving intensity (Wh/mi)	278	343
Average trip distance (mi)	7	37

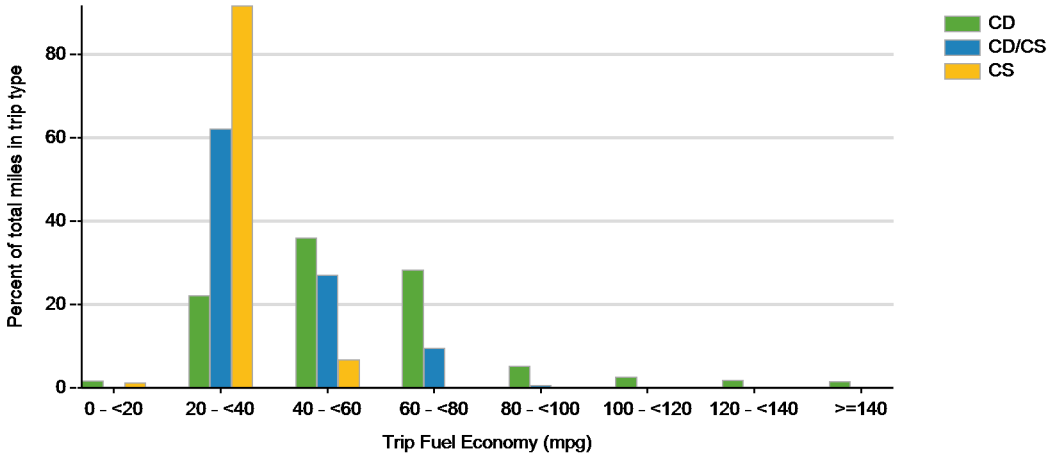
Trips in Charge Sustaining (CS) mode

Gasoline fuel economy (mpg)	30	31
Percent of miles with internal combustion engine off	25%	4%
Average trip driving intensity (Wh/mi)	290	346
Average trip distance (mi)	4	35

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	29
Average number of charging events per vehicle per day when driven	1.9
Average distance driven between charging events (mi)	35.5
Average number of trips between charging events	3.1
Average time plugged in per charging event (hr)	6.7
Average time charging per charging event (hr)	2.5
Average energy per charging event (AC kWh)	3.4
Average charging energy per vehicle per month (AC kWh)	98.9
Total number of charging events	548
Total charging energy (AC kWh)	1,880