Ford Escape Advanced Research Fleet

Number of vehicles:	20	Date range of data received:	01/01/2012 to 08/31/2012
Reporting period:	January 12 - August 12	Number of vehicle days driven:	2,212

All Trips Combined

Overall gasoline fuel economy (mpg)	39
Overall AC electrical energy consumption (AC Wh/mi)[1]	112
Overall DC electrical energy consumption (DC Wh/mi)[2]	78
Total number of trips	12,012
Total distance traveled (mi)	130,285

Trips in Charge Depleting (CD) mode[3]

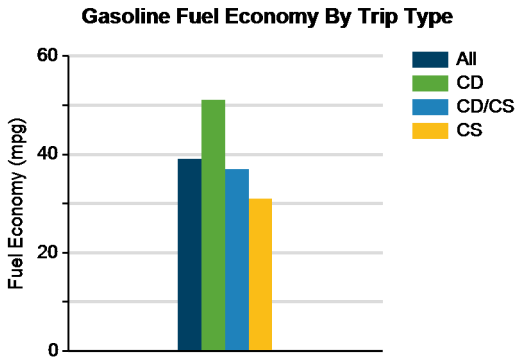
Gasoline fuel economy (mpg)	51
DC electrical energy consumption (DC Wh/mi)[4]	158
Number of trips	7,498
Percent of trips city | highway	80% | 20%
Distance traveled (mi)	46,404
Percent of total distance traveled	36%

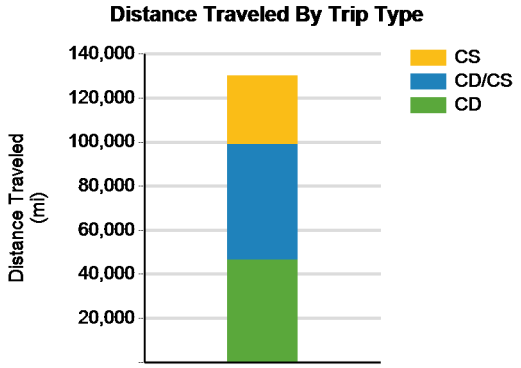
Trips in both Charge Depleting & Charge Sustaining (CD/CS) modes[5]

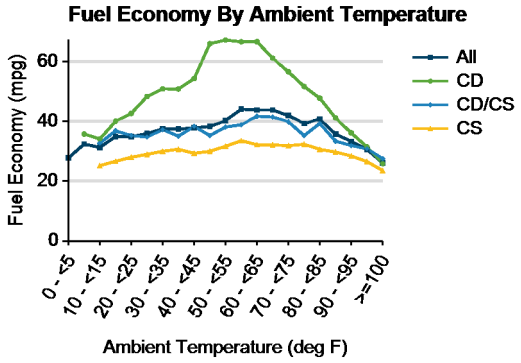
Gasoline fuel economy (mpg)	37
DC electrical energy consumption (DC Wh/mi)[6]	58
Number of trips	2,112
Percent of trips city | highway	38% | 62%
Distance traveled (mi)	52,524
Percent of total distance traveled	40%

Trips in Charge Sustaining (CS) mode[7]

Gasoline fuel economy (mpg)	31
Number of trips	2,401
Percent of trips city | highway	67% | 33%
Distance traveled (mi)	31,357
Percent of total distance traveled	24%







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)	45	58
DC electrical energy consumption (DC Wh/mi)	146	168
Percent of miles with internal combustion engine off	31%	10%
Average trip driving intensity (Wh/mi)	287	325
Average trip distance (mi)	4	17

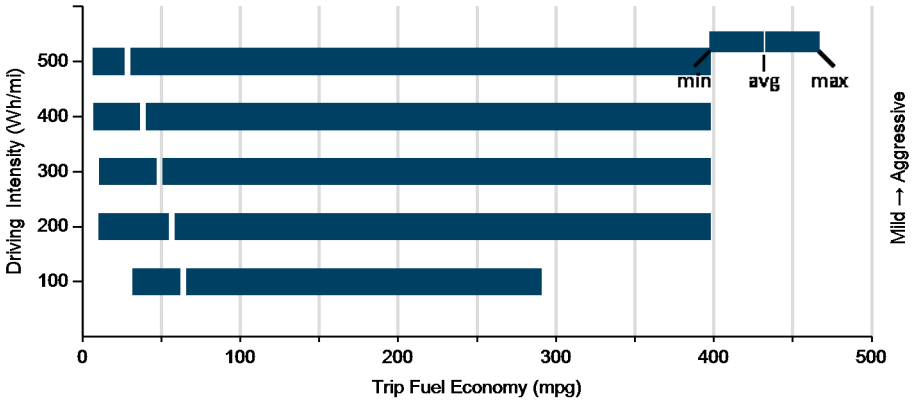
Trips in Charge Depleting and Charge Sustaining (CD/CS) mode

Gasoline fuel economy (mpg)	43	36
DC electrical energy consumption (DC Wh/mi)	79	55
Percent of miles with internal combustion engine off	29%	6%
Average trip driving intensity (Wh/mi)	287	341
Average trip distance (mi)	8	35

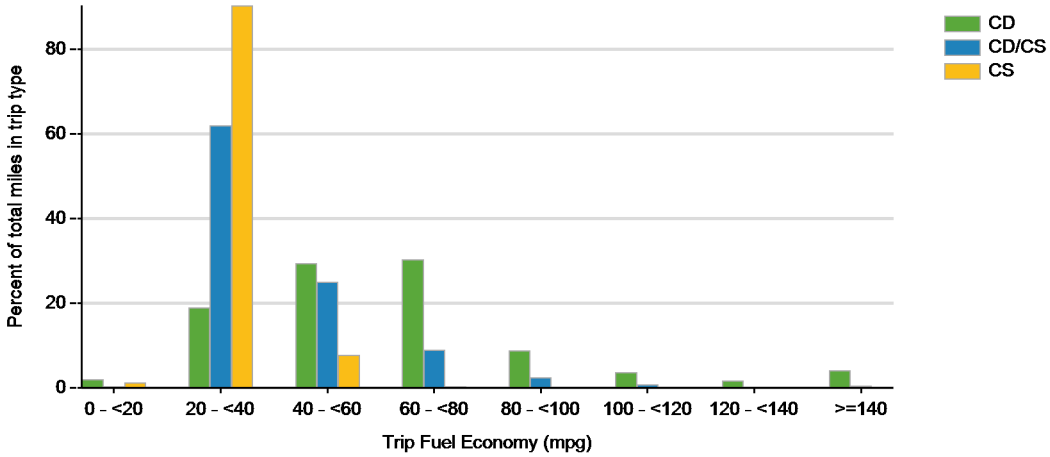
Trips in Charge Sustaining (CS) mode

Gasoline fuel economy (mpg)	30	31
Percent of miles with internal combustion engine off	25%	4%
Average trip driving intensity (Wh/mi)	284	342
Average trip distance (mi)	3	32

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)	27.7
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)	100.2
Total number of charging events	4,696
Total charging energy (AC kWh)	14,535