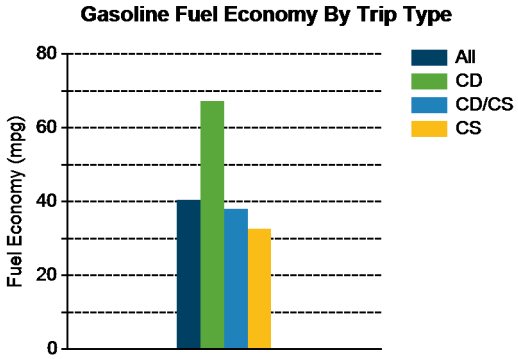
Ford Escape Advanced Research Fleet

Number of vehicles: 21
Reporting period: May 2010
Date range of data received: 05/01/2010 to 05/31/2010
Number of vehicle days driven: 371

All Trips Combined

Overall gasoline fuel economy (mpg)	40
Overall AC electrical energy consumption (AC Wh/mi)[1]	93
Overall DC electrical energy consumption (DC Wh/mi)[2]	65
Total number of trips	1,811
Total distance traveled (mi)	24,662

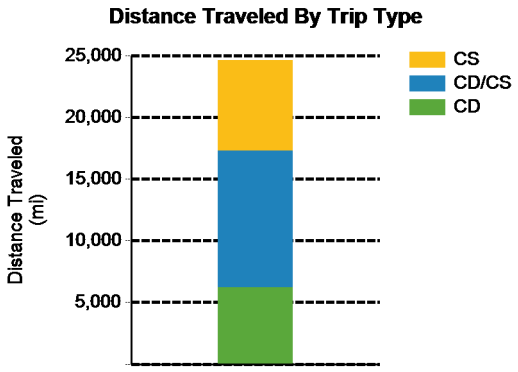


Trips in Charge Depleting (CD) mode[3]

Gasoline fuel economy (mpg)	67
DC electrical energy consumption (DC Wh/mi)[4]	181
Number of trips	1,062
Percent of trips city | highway	82% | 18%
Distance traveled (mi)	6,249
Percent of total distance traveled	25%

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

Gasoline fuel economy (mpg)	38
DC electrical energy consumption (DC Wh/mi)[6]	45
Number of trips	365
Percent of trips city | highway	31% | 69%
Distance traveled (mi)	11,048
Percent of total distance traveled	45%



Trips in Charge Sustaining (CS) mode[7]

Gasoline fuel economy (mpg)	33
Number of trips	384
Percent of trips city | highway	60% | 40%
Distance traveled (mi)	7,364
Percent of total distance traveled	30%

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)	66	69
DC electrical energy consumption (DC Wh/mi)	177	184
Percent of miles with internal combustion engine off	45%	18%
Average trip driving intensity (Wh/mi)	267	306
Average trip distance (mi)	3	17

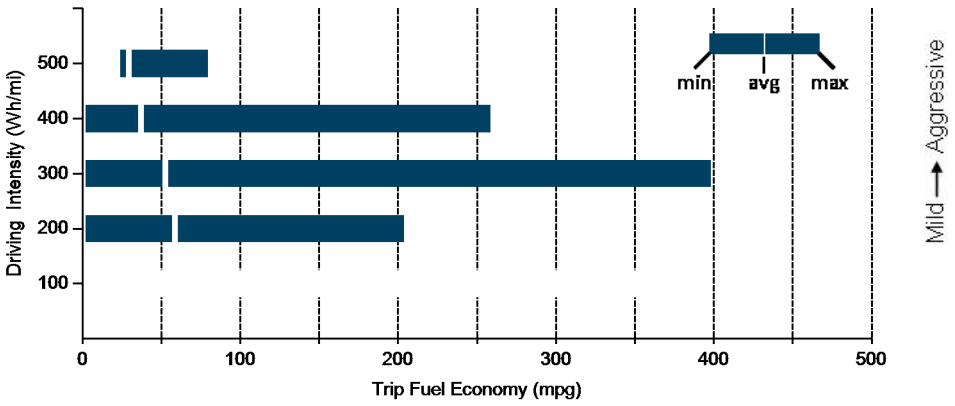
Trips in Charge Depleting and Charge Sustaining (CD/CS) mode

Gasoline fuel economy (mpg)	49	37
DC electrical energy consumption (DC Wh/mi)	77	42
Percent of miles with internal combustion engine off	34%	5%
Average trip driving intensity (Wh/mi)	280	327
Average trip distance (mi)	8	41

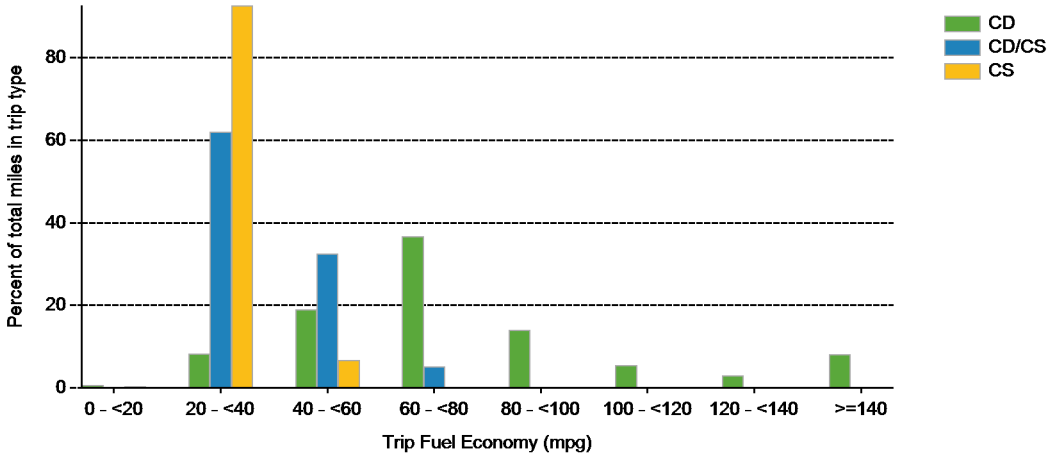
Trips in Charge Sustaining (CS) mode

Gasoline fuel economy (mpg)	34	32
Percent of miles with internal combustion engine off	24%	4%
Average trip driving intensity (Wh/mi)	264	326
Average trip distance (mi)	4	41

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	65
Average number of charging events per vehicle per day when driven	3.5
Average distance driven between charging events (mi)	19.1
Average number of trips between charging events	1.4
Average time plugged in per charging event (hr)	5.1
Average time charging per charging event (hr)	1.2
Average energy per charging event (AC kWh)	1.8
Average charging energy per vehicle per month (AC kWh)	114.4
Total number of charging events	1,291
Total charging energy (AC kWh)	2,288