HEV Fleet Testing

2011 Honda CRZ

VIN: 2982

Fleet Testing Results To Date

Operating Statistics

Distance Driven[1]: 158,644

Average Trip Distance[2]: 8.4 mi

Stop Time with Engine Idling[2]: 89%

Trip Type City/Highway[2]: 85%/15%

Operating Performance

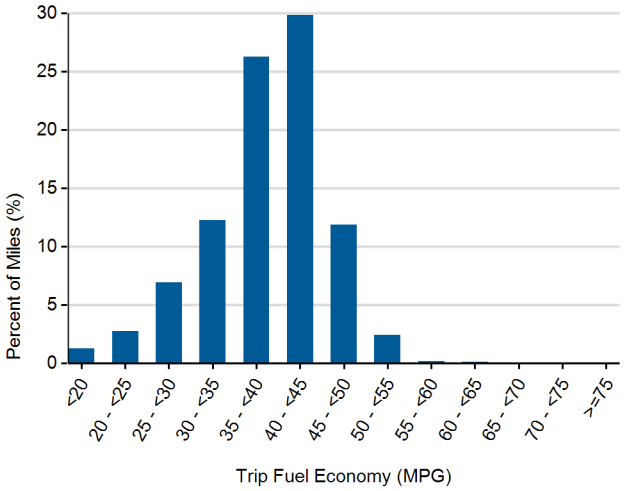
Cumulative MPG[1]: 34.8

See HEV America Baseline Performance and Fleet Testing Fuel Economy fact sheets for more information on vehicle specifications and fuel usage reporting, available at http://avt.inl.gov/

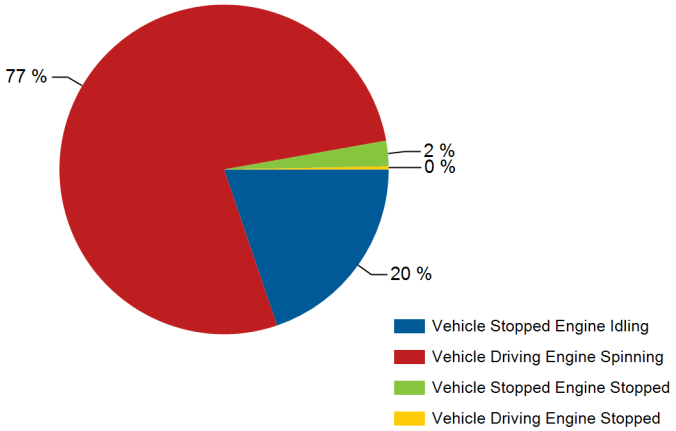
Test Notes

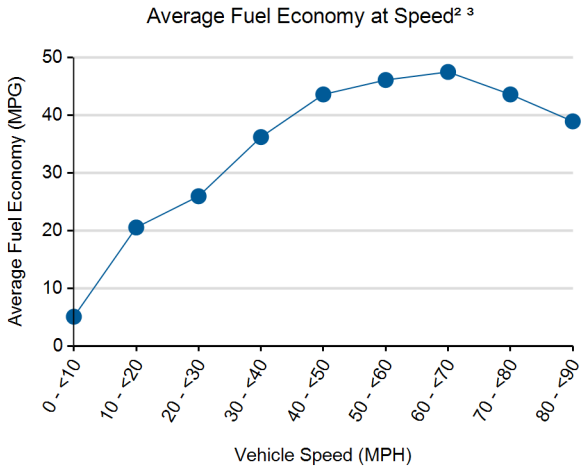
1. Calculated over the life of the vehicle based on odometer reading and fuel logs. More information available in Fleet Testing Fuel Economy sheet.
2. Calculated from electronic data logged over a subset of total miles traveled equal to 129,655 miles.
3. Fuel economy calculated for this figure using mass air flow over dynamic vehicle operation.
4. Calculated from battery power data logged over a subset of total miles traveled, equal to 129,655 miles.

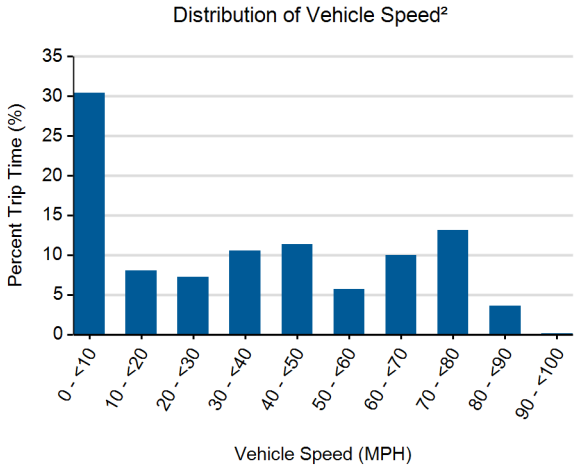
Distribution of Trip Fuel Economy[2 3]

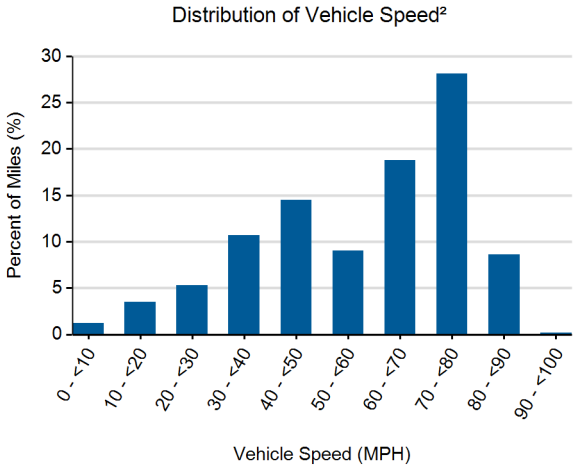


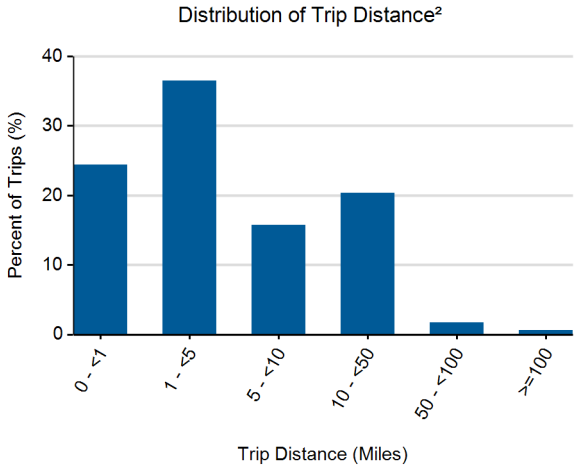
Percent of Drive Time by Operating Mode[2]

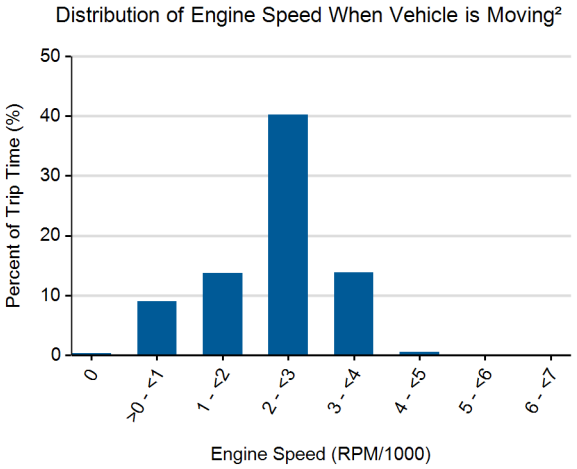


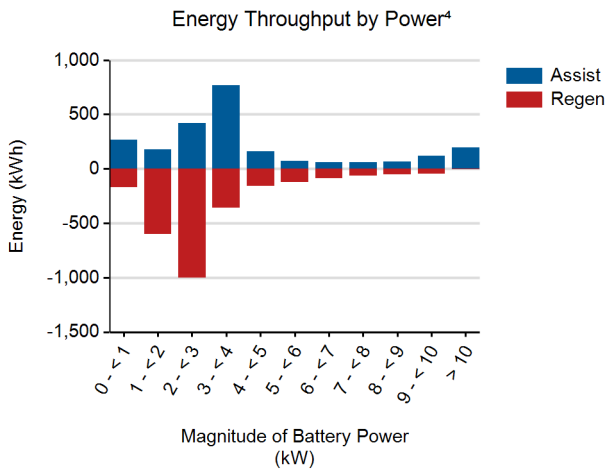

Average Fuel Economy at Speed² ³
Average Fuel Economy (MPG)
50
40
30
20
10
0
0 - <10
10 - <20
20 - <30
30 - <40
40 - <50
50 - <60
60 - <70
70 - <80
80 - <90
Vehicle Speed (MPH)


Distribution of Vehicle Speed²
Percent Trip Time (%)
35
30
25
20
15
10
5
0
0 - <10
10 - <20
20 - <30
30 - <40
40 - <50
50 - <60
60 - <70
70 - <80
80 - <90
90 - <100
Vehicle Speed (MPH)


Distribution of Vehicle Speed²
Percent of Miles (%)
30
25
20
15
10
5
0
0 - <10
10 - <20
20 - <30
30 - <40
40 - <50
50 - <60
60 - <70
70 - <80
80 - <90
90 - <100
Vehicle Speed (MPH)

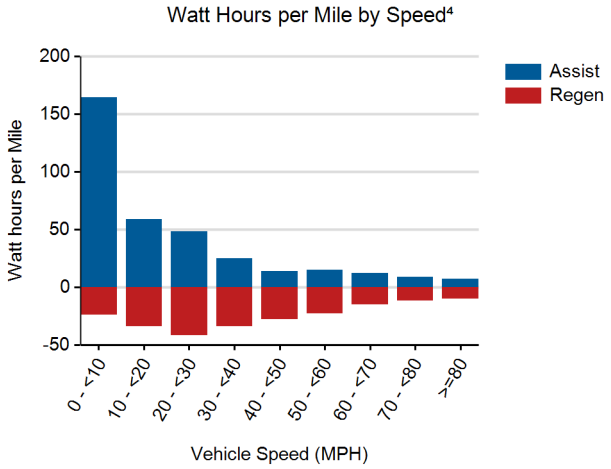

Distribution of Trip Distance²
Percent of Trips (%)
40
30
20
10
0
0 - <1
1 - <5
5 - <10
10 - <50
50 - <100
>=100
Trip Distance (Miles)

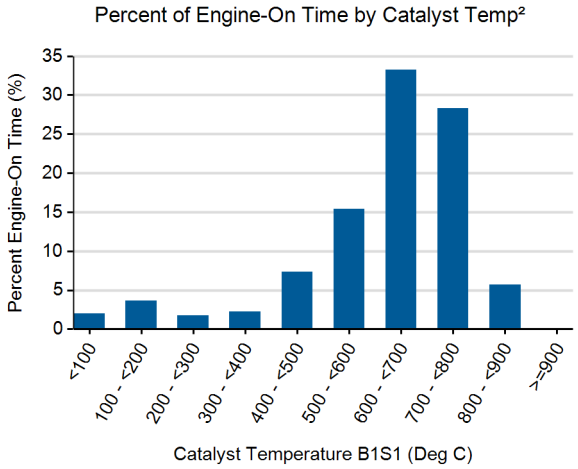

Distribution of Engine Speed When Vehicle is Moving²
Percent of Trip Time (%)
50
40
30
20
10
0
0
>0 - <1
1 - <2
2 - <3
3 - <4
4 - <5
5 - <6
6 - <7
Engine Speed (RPM/1000)



Energy Throughput by Pack Temperature⁴

No Data Available





Total energy into battery pack (kWh)⁴: 2,665
Total energy out of battery pack (kWh)⁴: 2,365
Battery round trip energy efficiency⁴: 89%