

HICE Fleet Testing - Summary Fact Sheet



Advanced Vehicle Testing Activity

**2005 Chevrolet
Silverado 1500HD
Hydrogen ICE¹
Conversion**

Fleet Performance

Operating Statistics²:

- Vehicles in Fleet: 12
- Total Miles: 80,899
- Total Number of Trips: 14,074
- Average Trip Distance (miles): 5.7
- Percent Idle Time: 16%³
- Percent Air Conditioner On Time: 11%³

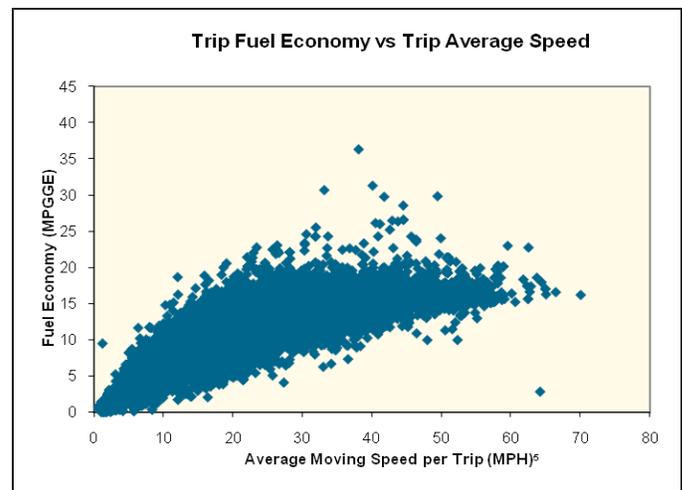
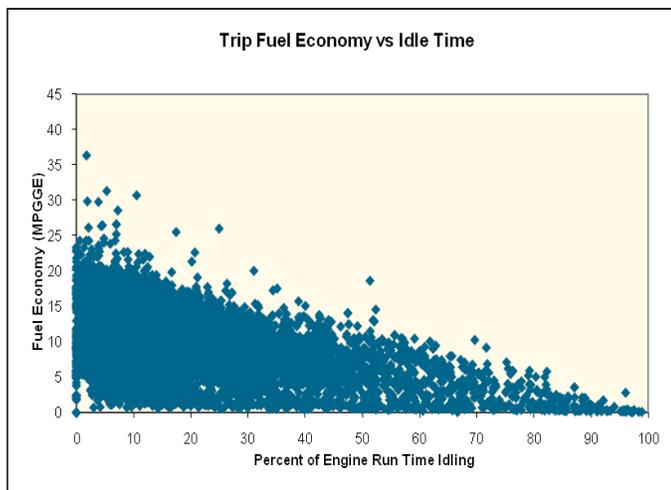
Operating Performance:

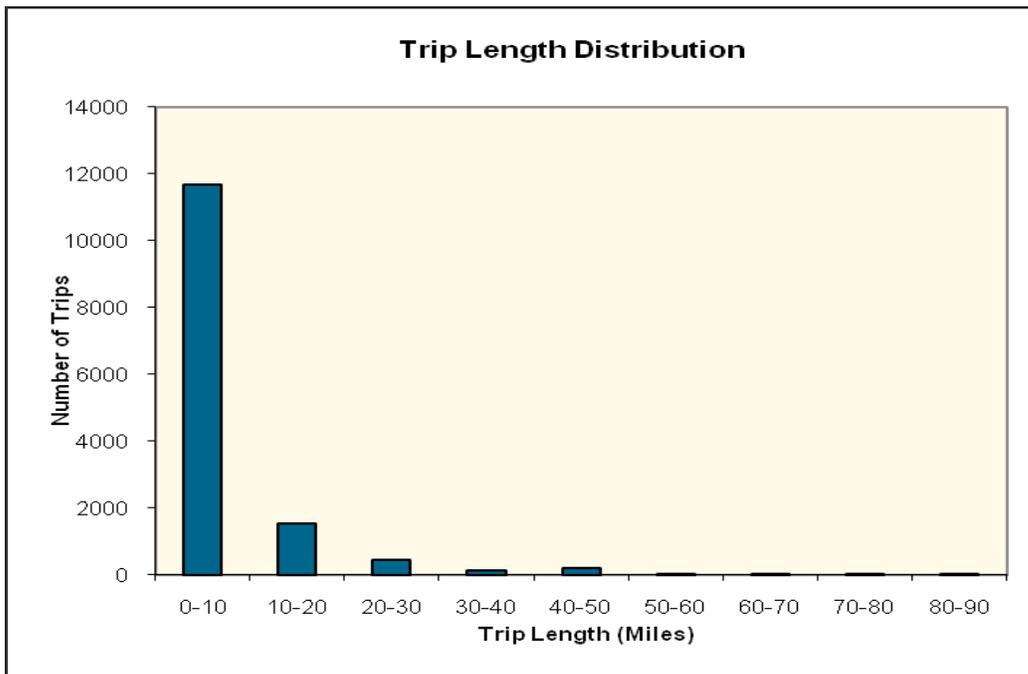
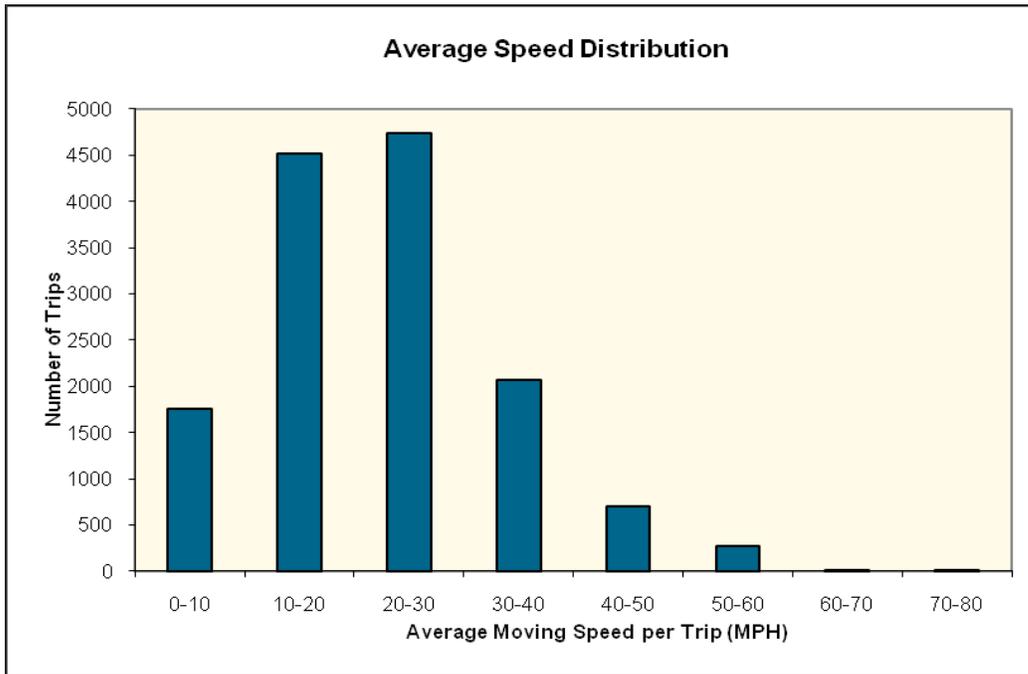
- Cumulative MPGGE: 13.5⁴
- Total Fuel Consumed (kg H₂): 6,072
- Total Engine Run Time (hours): 3,198
- Total Engine Idle Time (hours): 514

Vehicle Specifications

- Engine:** 6.0 L V8
- Fuel Capacity:** 10.5 GGE
- Nominal Tank Pressure:** 5,000 psi
- Seatbelt Positions:** Five
- Payload:** 2,775 lbs
- Features:**
 - Four Speed Automatic Transmission

See HICEVAmerica Baseline Performance Fact Sheet for more information





Notes:

1. Internal Combustion Engine
2. Data presented represents all electronically logged data, which is a subset of the overall fleet mileage
3. Percentage of total engine run hours
4. Miles per gallon gasoline equivalent (1 GGE = 1.012 kg H₂)
5. Average speed of vehicle when moving, idle time not included in calculation