EV Project Chevrolet Volt Vehicle Summary Report

THE EV Project

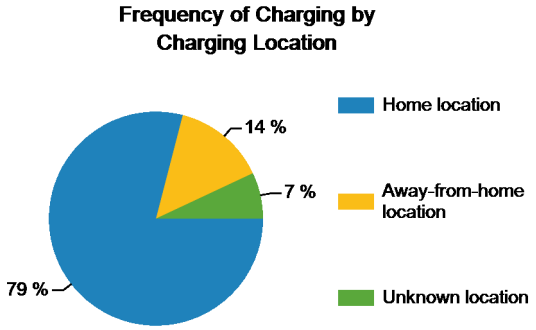
Region: ALL

Number of vehicles: 408

Reporting period: April 2012 through June 2012

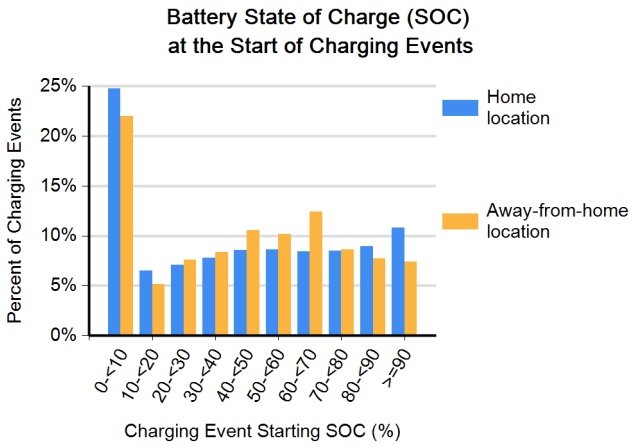
Vehicle Usage

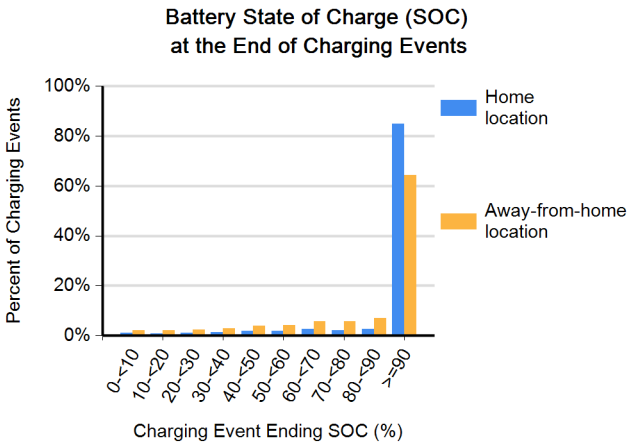
Overall fuel economy (mpg)	155
Overall electrical energy consumption (AC Wh/mi)	242
Number of trips[1]	147,886
Total distance traveled (mi)	1,184,265
Avg trip distance (mi)	8.0
Avg distance traveled per day when the vehicle was driven (mi)	39.6
Avg number of trips between charging events	3.2
Avg distance traveled between charging events (mi)	26.0
Avg number of charging events per day when the vehicle was driven	1.5



Charging Location and Type

	Home charging location[2]	Away-from-home charging locations[3]	Unknown charging locations[4]
Number of charging events	36,015	6,374	3,179
Percent of all charging events	79%	14%	7%





1 A trip is defined as all the driving done between consecutive "key-on" and "key-off" events when some distance was traveled.

2 Charging events at the “home charging location” refer to charging events performed at the location where the vehicle owner’s home charging unit is installed.

3 Charging events at “away-from-home charging locations” refer to charging events performed at any location other than the vehicle's "home charging location."

4 Charging events at “unknown charging locations” were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

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EV Project Chevrolet Volt Vehicle Summary Report

THE EV Project

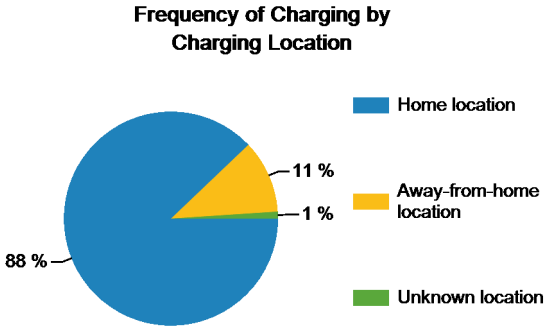
Region: Phoenix, AZ Metropolitan Area

Number of vehicles: 22

Reporting period: April 2012 through June 2012

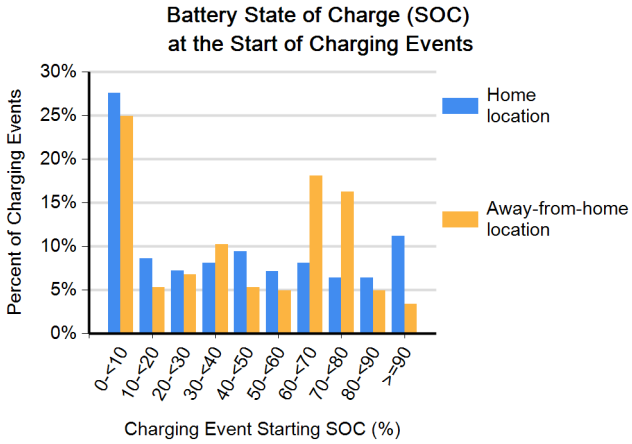
Vehicle Usage

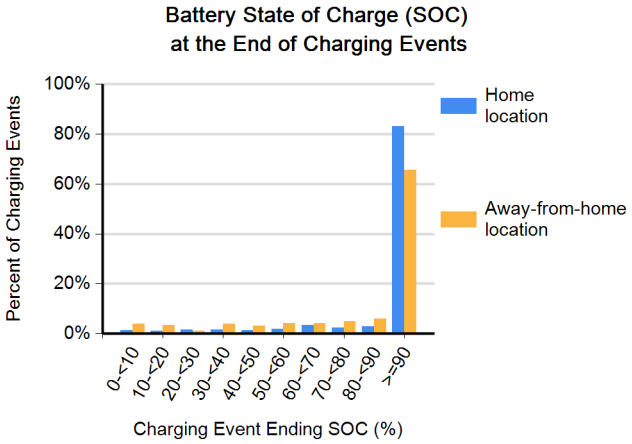
Overall fuel economy (mpg)	155
Overall electrical energy consumption (AC Wh/mi)	268
Number of trips[1]	8,355
Total distance traveled (mi)	61,762
Avg trip distance (mi)	7.4
Avg distance traveled per day when the vehicle was driven (mi)	36.9
Avg number of trips between charging events	3.5
Avg distance traveled between charging events (mi)	25.8
Avg number of charging events per day when the vehicle was driven	1.4



Charging Location and Type

	Home charging location[2]	Away-from-home charging locations[3]	Unknown charging locations[4]
Number of charging events	2,102	265	25
Percent of all charging events	88%	11%	1%





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EV Project Chevrolet Volt Vehicle Summary Report

THE EV Project

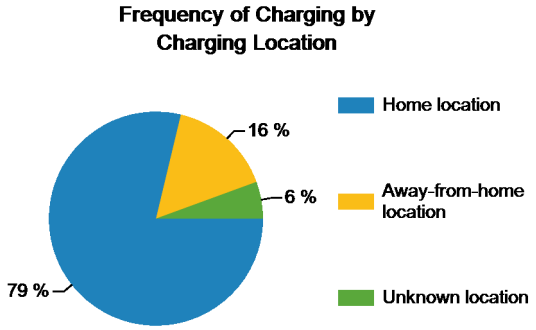
Region: San Diego, CA Metropolitan Area

Number of vehicles: 82

Reporting period: April 2012 through June 2012

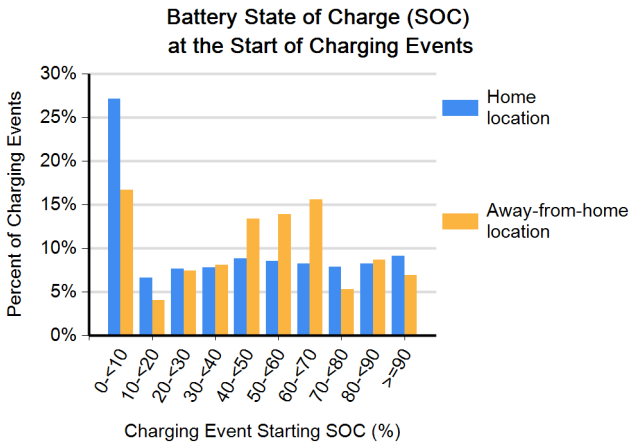
Vehicle Usage

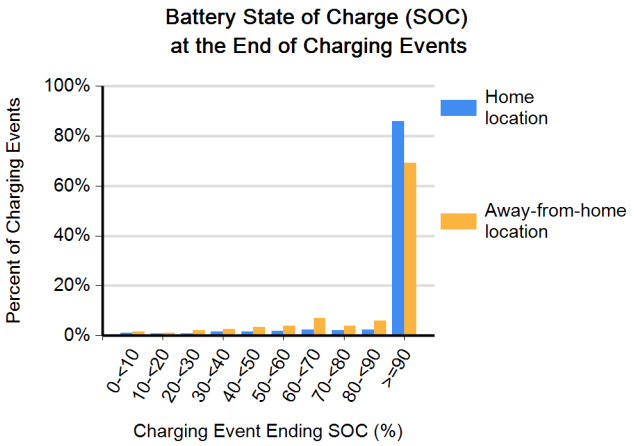
Overall fuel economy (mpg)	133
Overall electrical energy consumption (AC Wh/mi)	238
Number of trips[1]	28,333
Total distance traveled (mi)	216,809
Avg trip distance (mi)	7.7
Avg distance traveled per day when the vehicle was driven (mi)	37.9
Avg number of trips between charging events	3.5
Avg distance traveled between charging events (mi)	27.1
Avg number of charging events per day when the vehicle was driven	1.4



Charging Location and Type

	Home charging location[2]	Away-from-home charging locations[3]	Unknown charging locations[4]
Number of charging events	6,295	1,253	446
Percent of all charging events	79%	16%	6%





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EV Project Chevrolet Volt Vehicle Summary Report

THE EV Project

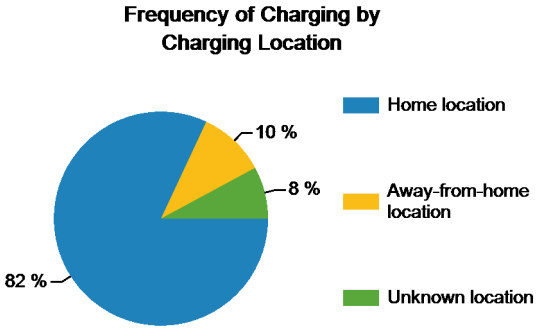
Region: Washington, D.C. Metropolitan Area

Number of vehicles: 88

Reporting period: April 2012 through June 2012

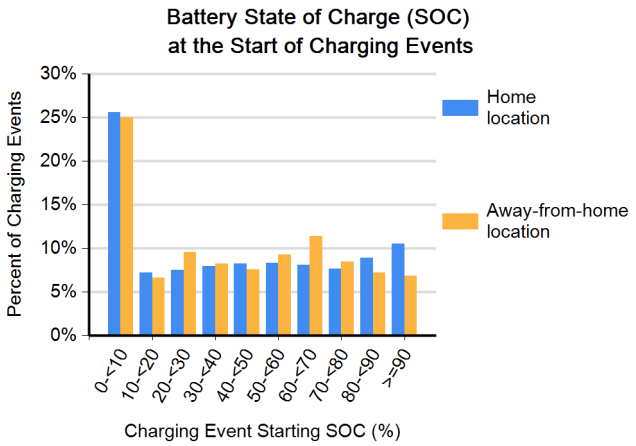
Vehicle Usage

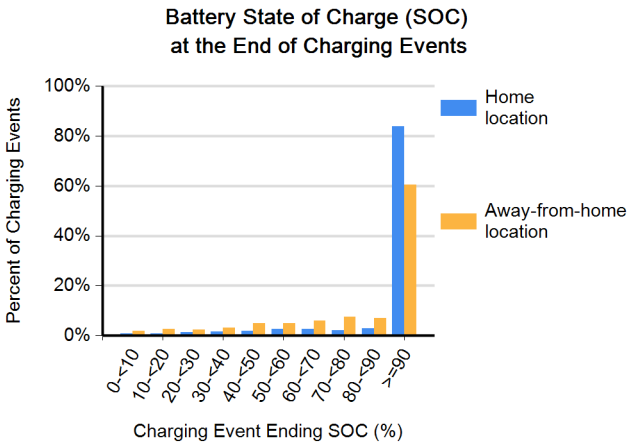
Overall fuel economy (mpg)	175
Overall electrical energy consumption (AC Wh/mi)	235
Number of trips[1]	31,978
Total distance traveled (mi)	273,045
Avg trip distance (mi)	8.5
Avg distance traveled per day when the vehicle was driven (mi)	41.6
Avg number of trips between charging events	3.2
Avg distance traveled between charging events (mi)	27.0
Avg number of charging events per day when the vehicle was driven	1.5



Charging Location and Type

	Home charging location[2]	Away-from-home charging locations[3]	Unknown charging locations[4]
Number of charging events	8,299	1,029	797
Percent of all charging events	82%	10%	8%





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EV Project Chevrolet Volt Vehicle Summary Report

THE EV Project

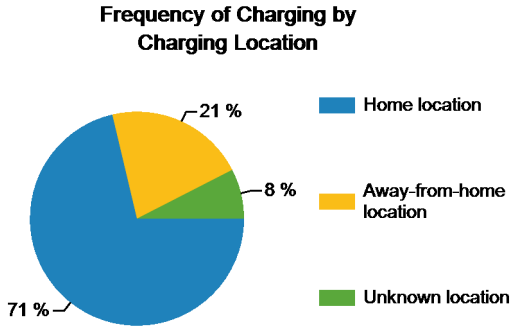
Region: Oregon

Number of vehicles: 39

Reporting period: April 2012 through June 2012

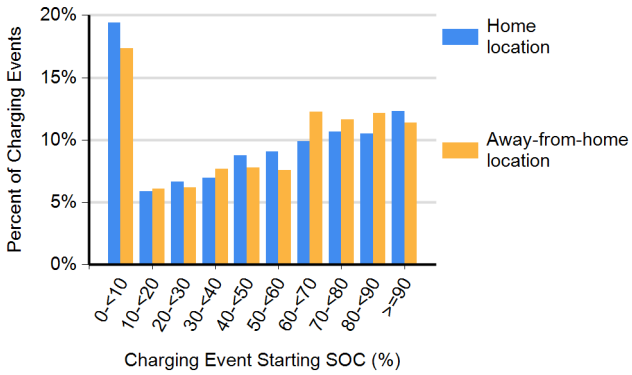
Vehicle Usage

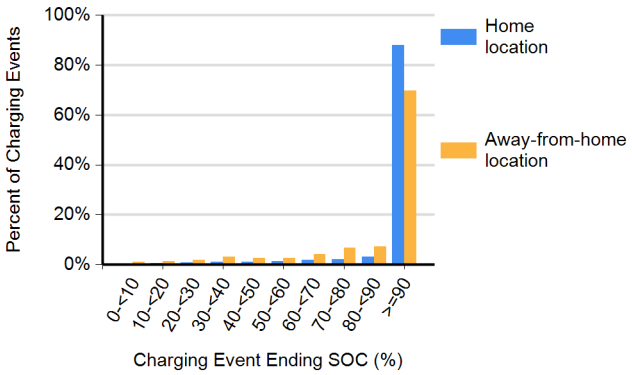
Overall fuel economy (mpg)	160
Overall electrical energy consumption (AC Wh/mi)	246
Number of trips[1]	13,911
Total distance traveled (mi)	105,290
Avg trip distance (mi)	7.6
Avg distance traveled per day when the vehicle was driven (mi)	37.5
Avg number of trips between charging events	3.1
Avg distance traveled between charging events (mi)	23.7
Avg number of charging events per day when the vehicle was driven	1.6



Charging Location and Type

	Home charging location[2]	Away-from-home charging locations[3]	Unknown charging locations[4]
Number of charging events	3,162	939	334
Percent of all charging events	71%	21%	8%





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EV Project Chevrolet Volt Vehicle Summary Report

THE EV Project

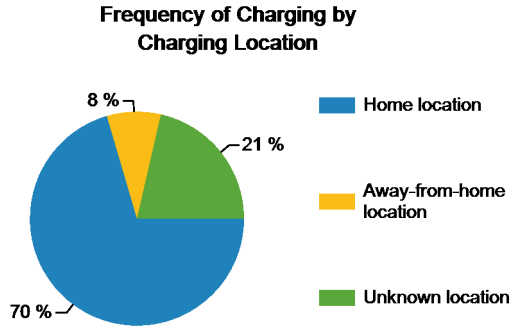
Region: Nashville, TN Metropolitan Area

Number of vehicles: 11

Reporting period: April 2012 through June 2012

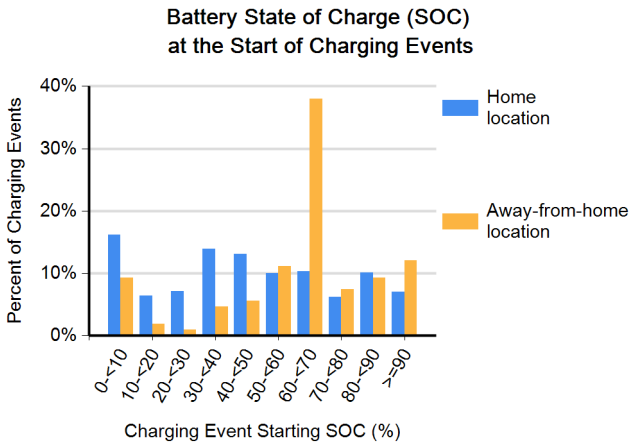
Vehicle Usage

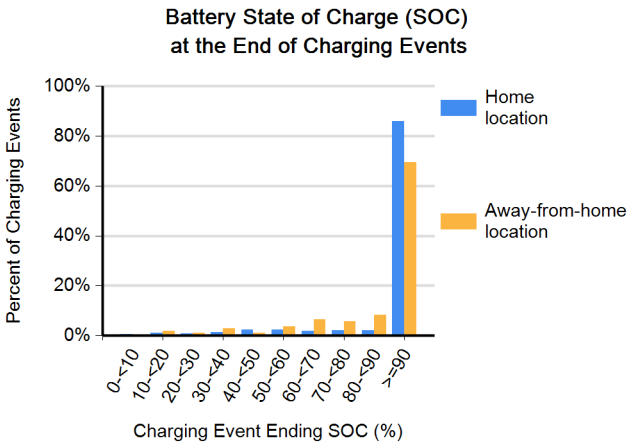
Overall fuel economy (mpg)	187
Overall electrical energy consumption (AC Wh/mi)	245
Number of trips[1]	4,070
Total distance traveled (mi)	33,796
Avg trip distance (mi)	8.3
Avg distance traveled per day when the vehicle was driven (mi)	39.7
Avg number of trips between charging events	3.1
Avg distance traveled between charging events (mi)	25.5
Avg number of charging events per day when the vehicle was driven	1.6



Charging Location and Type

	Home charging location[2]	Away-from-home charging locations[3]	Unknown charging locations[4]
Number of charging events	935	108	284
Percent of all charging events	70%	8%	21%





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EV Project Chevrolet Volt Vehicle Summary Report

THE EV Project

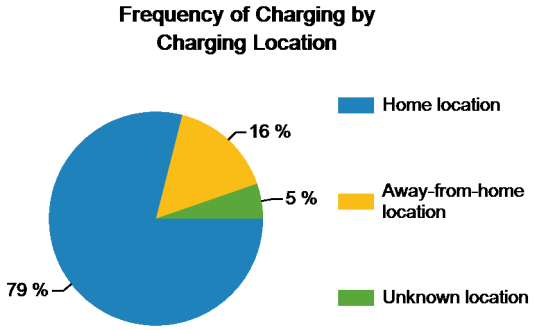
Region: Dallas/Ft. Worth, TX Metropolitan Area

Number of vehicles: 65

Reporting period: April 2012 through June 2012

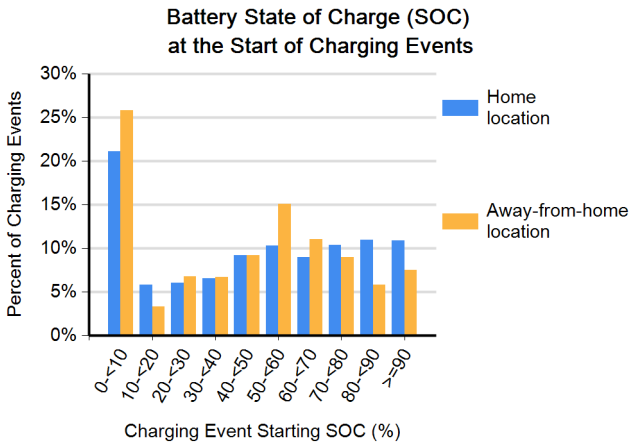
Vehicle Usage

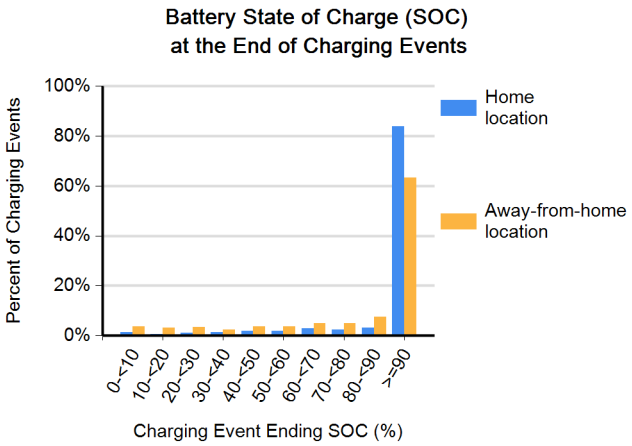
Overall fuel economy (mpg)	158
Overall electrical energy consumption (AC Wh/mi)	250
Number of trips[1]	24,067
Total distance traveled (mi)	180,305
Avg trip distance (mi)	7.5
Avg distance traveled per day when the vehicle was driven (mi)	37.3
Avg number of trips between charging events	3.1
Avg distance traveled between charging events (mi)	23.3
Avg number of charging events per day when the vehicle was driven	1.6



Charging Location and Type

	Home charging location[2]	Away-from-home charging locations[3]	Unknown charging locations[4]
Number of charging events	6,105	1,217	409
Percent of all charging events	79%	16%	5%





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EV Project Chevrolet Volt Vehicle Summary Report

THE EV Project

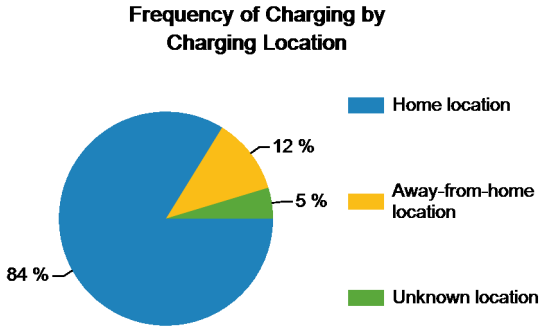
Region: Houston, TX Metropolitan Area

Number of vehicles: 45

Reporting period: April 2012 through June 2012

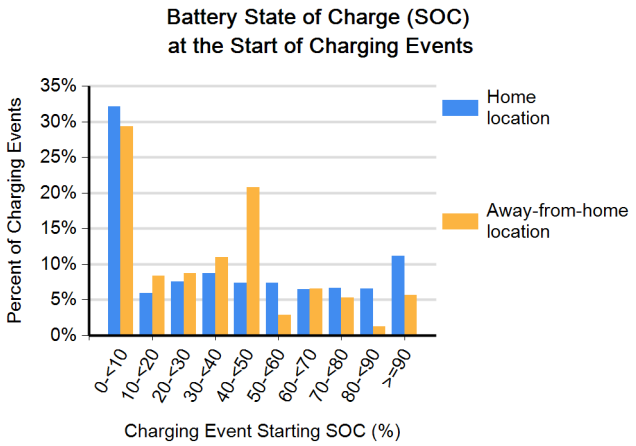
Vehicle Usage

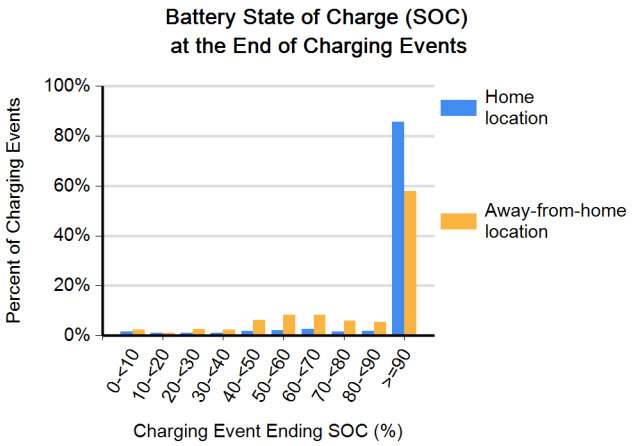
Overall fuel economy (mpg)	132
Overall electrical energy consumption (AC Wh/mi)	226
Number of trips[1]	16,052
Total distance traveled (mi)	152,165
Avg trip distance (mi)	9.5
Avg distance traveled per day when the vehicle was driven (mi)	45.0
Avg number of trips between charging events	3.3
Avg distance traveled between charging events (mi)	31.3
Avg number of charging events per day when the vehicle was driven	1.4



Charging Location and Type

	Home charging location[2]	Away-from-home charging locations[3]	Unknown charging locations[4]
Number of charging events	4,080	562	227
Percent of all charging events	84%	12%	5%





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EV Project Chevrolet Volt Vehicle Summary Report

THE EV Project

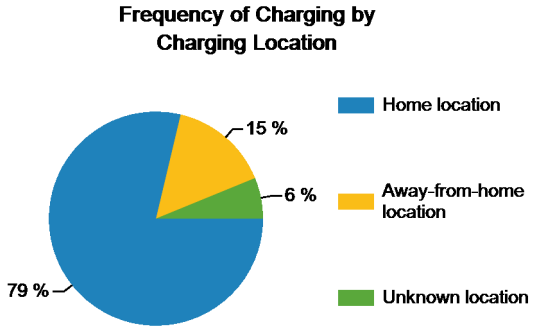
Region: Washington State

Number of vehicles: 34

Reporting period: April 2012 through June 2012

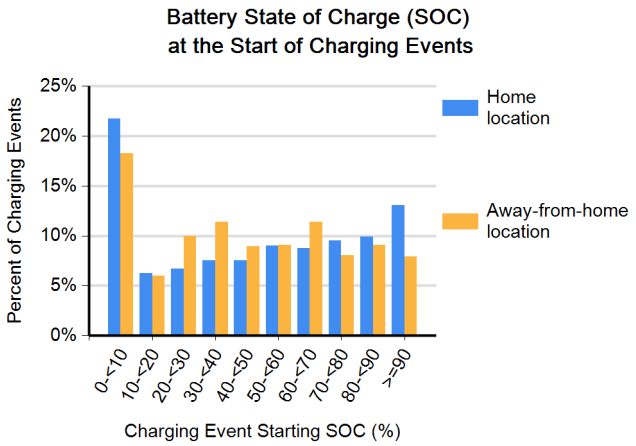
Vehicle Usage

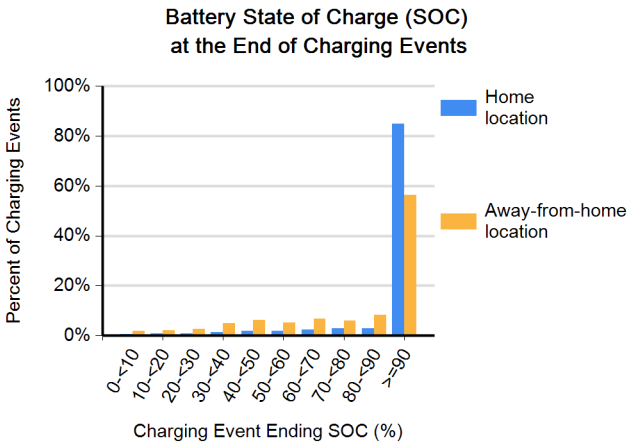
Overall fuel economy (mpg)	225
Overall electrical energy consumption (AC Wh/mi)	263
Number of trips[1]	14,089
Total distance traveled (mi)	98,047
Avg trip distance (mi)	7.0
Avg distance traveled per day when the vehicle was driven (mi)	37.7
Avg number of trips between charging events	3.1
Avg distance traveled between charging events (mi)	21.7
Avg number of charging events per day when the vehicle was driven	1.7



Charging Location and Type

	Home charging location[2]	Away-from-home charging locations[3]	Unknown charging locations[4]
Number of charging events	3,564	684	280
Percent of all charging events	79%	15%	6%





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