

2022 Light-Duty Vehicle Populations and CNG/Biogas Used in Oregon LCFS Compliance Scenarios

Light-Duty Vehicle Populations (Thousands of Vehicles)									Volume of CNG derived from Biogas
Vehicles in Thousands	Gasoline Internal Combustion Engine	Diesel Internal Combustion Engine	Gasoline Hybrid	Diesel Hybrid	Electric Vehicle	Gasoline Plug-In Hybrid Electric Vehicle	Ethanol (Flex-Fuel Vehicle)	CNG	Heavy-Duty Biogas CNG Used (MMBtu)
Business As Usual	1,780	125	343	2	19	22	367	1	0
Scenario A: Cellulosic Biofuels with ILUC	1,780	125	343	2	19	22	367	1	2,150,000
Scenario B: Mixed Biofuels with ILUC	1,780	125	343	2	19	22	367	1	2,150,000
Scenario C: Mixed Biofuels WITHOUT ILUC	1,780	125	343	2	19	22	367	1	921,000
Scenario D: Electricity, CNG, and Cellulosic Biofuels with ILUC	1,580	125	343	2	35	206	367	1	4,300,000
Scenario E: One Pool	1,725	140	343	2	22	60	367	1	2,150,000
Scenario F: Mixed Biofuels, WITHOUT ILUC, High Oil Prices	1,780	125	343	2	19	22	367	1	914,000
Scenario G: Mixed Biofuels, WITHOUT ILUC, Low Oil Prices	1,780	125	343	2	19	22	367	1	985,000
Scenario H: Cellulosic Biofuels with ILUC, Out-of-State Production	1,780	125	343	2	19	22	367	1	2,150,000