Table 1. Baseline Assumptions for Vehicle Technologies for Use in Land Use and Transportation Scenario Planning

Vehicle Technologies			
Characteristic	**1990 Model Year**	**2005 Model Year**	**2035 Model Year**
Auto fuel economy—internal combustion engine	28 mpg	28 mpg	68 mpg
Light truck fuel economy—internal combustion engine	20 mpg	20 mpg	48 mpg
Auto fuel economy—plug-in hybrids in charge sustaining mode	—	—	81 mpg
Light truck fuel economy—plug-in hybrids in charge sustaining mode	—	—	56 mpg
% of autos that are plug-in hybrids or electric vehicles	—	—	8%
% of light trucks that are plug-in hybrids or electric vehicles	—	—	2%
Plug-in hybrids battery range	—	—	35 miles
Electric vehicles battery range	—	—	175 miles
Vehicle Fuels			
Characteristic	**1990**	**2005**	**2035**
% reduction in fuel carbon intensity from current levels	—	—	20%
Electric power sources compared to current Renewable Portfolio Standard	—	—	Meet
Vehicle Fleet			
Characteristic	**1990**	**2005**	**2035**
Average vehicle replacement rate	10 years	10 years	8 years

Table 2. Additional Metropolitan Area Baseline Assumptions for Use in Land Use and Transportation Scenario Planning

Metropolitan Area	% of Fleet that are Light Trucks			Light Vehicle Emission Rates (grams CO_2e per mile)		
	1990	**2005**	**2035**	**1990**	**2005**	**2035**
Bend	37%	55%	36%	594	513	180
Corvallis	31%	45%	30%	596	494	174
Eugene-Springfield	32%	47%	31%	585	503	173
Portland Metro	30%	43%	29%	590	514	184
Rogue Valley	35%	50%	34%	605	507	181
Salem-Keizer	33%	47%	31%	592	510	177
Weighted Average	—	—	—	590	511	182