



G3: 1.1.a: Reduce the average emissions of greenhouse gases for each vehicle mile traveled in Washington by 25% from 1.15 lbs in 2010 to 0.85 lbs. by 2020

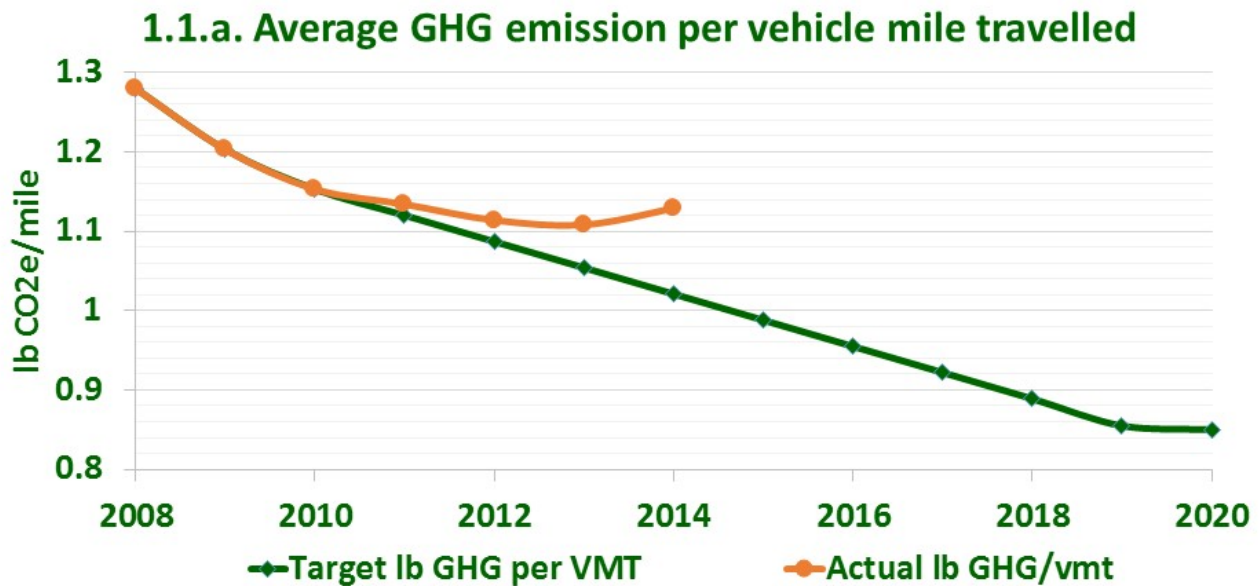


SUSTAINABLE ENERGY & A CLEAN ENVIRONMENT CLEAN TRANSPORTATION

Department of Ecology
Stu Clark
Air Quality Program Manager
July 10, 2017



Current State: The state is not currently on target to meet the 2020 goal.



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Challenges/Opportunities



Incentives to encourage smart growth and development of livable communities.



Improvements in transportation system efficiency.



Promote alternative modes of travel.



Transportation planning and funding.

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Strategies

State Law		Baseline	Goals Set by State Laws		
			2020	2035	2050
RCW 70.235.020	Greenhouse gases Emission Reduction Goals in MMt CO2/y	Actual 1990 level	1990 level	25% below 1990 level	50% below 1990 level
	Statewide GHG emission reduction goals in MMt CO2e/year	88.4	88.4	66.3	44.2
RCW 47.01.440	Per Capita Annual Vehicle Miles Travelled (VMT) Reduction Goals	Projected 2020 level	18% below 2020 projection	30% below 2020 projection	50% below 2020 projection
	Statewide Per Capita Annual Vehicle Miles Travelled (VMT) Reduction Goals for vehicle weighing less than 10000 pounds ("Light duty vehicles")	8616	7065	6031	4308

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Action Plan

1.1.a: Reduce the average emissions of greenhouse gases for each vehicle mile traveled in Washington by 25% from 1.15 lbs in 2010 to 0.85 lbs in 2020.

Tasks	Lead	Partners	Expected Outcome	Status	Due Date
Finalize Transportation Efficiency Communities program, which is a joint agency technical assistance web-hub for resources.	WSDOT	ECY, COM, DOH	Provide local jurisdictions with information to develop local plans that include transportation efficiency considerations.	On-Track	08/31/2017
Protect the federal vehicle fuel economy and greenhouse gas emission standards.	ECY	Governor's Office; WSDOT; AGO	The federal fuel economy and greenhouse gas emission standards remain strong and continue to reduce the GHG emission from transportation sector.	On-Track	12/31/2019
Revise 3.1.1.a indicator to reflect latest information from 2014 VMT Forecast Model.	WSDOT	ECY	Indicator more accurately reflects latest data.		

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