

Washington State Agency Greenhouse Gas Calculator

Greenhouse Gas Emissions Summary #5

Agency Seattle Central College

CY: 2014

Table 14: Total Annual Agency GHG Emissions		Percent of Total Emissions	Total Emissions MT CO2e
BUILDING ENERGY USE			
Stationary Combustion		30.4%	898.0
Purchased Electricity		5.5%	164.2
Purchased Steam		26.5%	784.2
TOTAL BUILDING ENERGY USE GHG EMISSIONS*		62.4%	1,846.4

FLEET ENERGY USE			
On-road light duty		0.9%	28.0
On-road heavy duty		0.0%	0.0
Off-road		0.0%	0.0
Ferry		0.0%	0.0
Boat		0.9%	25.4
Air		0.0%	0.0
TOTAL FLEET GHG EMISSIONS		1.8%	53.4

EMPLOYEE BUSINESS TRAVEL AND COMMUTING			
Employee Business Travel		5.1%	150.7
Employee Commuting***		30.7%	908.0
TOTAL BUSINESS TRAVEL AND COMMUTING EMISSIONS		35.8%	1,058.7

TOTAL EMISSIONS		100%	2,958.6
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* Note this does not include energy use in buildings owned by Dept. of Enterprise Services.

**Biomass CO2 emissions are reported separately and are not included in the total emissions.

***Emissions from commuting are reported in CO2e. Emissions by gas are estimated for CO2, CH4, N2O, and biomass CO2.

Table 15: GHG Emissions by Scope		
Scope	Total (MT CO2e)	%
Scope 1 (Direct)	951.5	32.2%
Scope 2 (Indirect)	948.4	32.1%
Scope 3 (Other Indirect)	1,058.7	35.8%

Table 16: % of GHG Emissions by Source	
Source of Greenhouse Gas Emissions	Percent of Greenhouse Gas Emissions
Stationary Combustion	30%
Purchased Electricity	6%
Purchased Steam	27%
On-road light duty	1%
On-road heavy duty	0%
Off-road	0%
Ferry	0%
Boat	1%
Air	0%
Employee Business Travel	5%
Employee Commuting	31%

