Howard County, Maryland
2007 Greenhouse Gas Inventory
Entity Summary

Direct Emissions (tonnes/yr)	CO2e	CO2	CH4	N2O	HFCs	PFCs	SF6	% Total
Mobile Combustion	12,510.45	12,390.35	0.95	0.32	0.00	0.00	0.00	
Stationary Combustion	18,938.24	18,885.58	1.65	0.06	0.00	0.00	0.00	
Process Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Fugitive Emissions	7,618.62	0.00	0.00	0.00	5.86	0.00	0.00	
Total Direct Emissions	**39,067.30**	**31,275.93**	**2.59**	**0.38**	**5.86**	**0.00**	**0.00**	**13.28**

Indirect Emissions (tonnes/yr)	CO2e	CO2	CH4	N2O	% Total
Purchased Electricity	93,189.15	92,688.99	2.34	1.46	
Purchased Heating	0.00	0.00	0.00	0.00	
Purchased Cooling	0.00	0.00	0.00	0.00	
Purchased Steam	0.00	0.00	0.00	0.00	
Total Indirect Emissions	**93,189.15**	**92,688.99**	**2.34**	**1.46**	**31.7**

Estimated Emissions (tonnes/yr)	CO2e	CO2	CH4	N2O	HFCs	PFCs	SF6	% Total
Specify: _____	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Specify: _____	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Specify: _____	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Estimated Emissions	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Biological Emissions (tonnes/yr)	CO2e	CO2	CH4	N2O	HFCs	PFCs	SF6	% Total
Specify: *Biological - Wastewater Treatment*	923.00	0.00	0.00	2.98	0.00	0.00	0.00	
Specify: *Biological - Alpha Ridge Landfill Gas*	51,421.24	0.00	2,448.63	0.00	0.00	0.00	0.00	
Specify: *Biological - BioSolids Land Management*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Biological Emissions	**52,344.24**	**0.00**	**2,448.63**	**2.98**	**0.00**	**0.00**	**0.00**	**17.80**

Optional Emissions (tonnes/yr)	CO2e	CO2	CH4	N2O	HFCs	PFCs	SF6	% Total
Specify: *Employee Commuting*	33,442.66	10,468.59	4.12	0.46	0.00	0.00	0.00	
Specify: *Contracted Services - School Buses*	11,414.97	11,401.54	0.04	0.04	0.00	0.00	0.00	
Specify: *Contracted Services - Municipal Solid Wastes Collection and Disposal*	4,190.75	4,188.31	0.01	0.01	0.00	0.00	0.00	
Specify: *Contracted Services - Municipal Solid Wastes Landfill Exports*	60,481.41	-44,398.30	4,994.27	0.00	0.00	0.00	0.00	
Specify: *Contracted Services - Biosolids Transport*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Optional	**109,529.79**	**-18,339.86**	**9,895.71**	**6.46**	**0.00**	**0.00**	**0.00**	**37.24**

Total Entity-Wide Emissions (tonnes/yr)	**294,130.49**	**105,625.06**	**12,349.27**	**11.27**	**37.54**	**0.00**	**0.00**

Howard County, Maryland
2007 Greenhouse Gas Inventory
Entity Summary

Government Operations

Scope 1

Direct Emissions (tonnes/yr)	CO2e	CO2	CH4	N2O	HFCs	PFCs	SF6	% Total
Mobile Combustion	12,510.45	12,390.35	0.95	0.32	0.00	0.00	0.00	
Stationary Combustion	18,938.24	18,885.58	1.65	0.06	0.00	0.00	0.00	
Process Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Fugitive Emissions	7,618.62	0.00	0.00	0.00	5.86	0.00	0.00	
Total Direct	**39,067.30**	**31,275.93**	**2.59**	**0.38**	**5.86**	**0.00**	**0.00**	**17.92%**

Scope 2

Indirect Emissions (tonnes/yr)	CO2e	CO2	CH4	N2O	% Total
Purchased Electricity	93,189.15	92,688.99	2.34	1.46	
Purchased Heating	0.00	0.00	0.00	0.00	
Purchased Cooling	0.00	0.00	0.00	0.00	
Purchased Steam	0.00	0.00	0.00	0.00	
Total Indirect	**93,189.15**	**92,688.99**	**2.34**	**1.46**	**42.74%**

Scope 3

Optional Emissions (tonnes/yr)	CO2e	CO2	CH4	N2O	HFCs	PFCs	SF6	% Total
Specify: *Employee Commuting*	33,442.66	0.00	0.00	0.00	0.00	0.00	0.00	
Total Optional	**33,442.66**							**15.34%**

Information Items

Optional Emissions (tonnes/yr)	CO2e	CO2	CH4	N2O	HFCs	PFCs	SF6	% Total
Specify: *Biological - Wastewater Treatment*	923.00	0.00	0.00	2.98	0.00	0.00	0.00	
Specify: *Biological - Alpha Ridge Landfill Gas*	51,421.24	0.00	0.00	0.00	0.00	0.00	0.00	
Specify: *Biological - BioSolids Land Management*	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Biogenic	**52,344.24**							**24.01%**

Total County Emissions	**218,043.36**							

Howard County, Maryland
2007 Greenhouse Gas Inventory
Entity Summary

Community

Scope 1

Direct Emissions (tonnes/yr)	CO2e	CO2	CH4	N2O	HFCs	PFCs	SF6	% Total
Mobile Combustion	2,117,807.31	2,329,588.05	0.00	0.00	0.00	0.00	0.00	
Stationary Combustion	376,376,436,887.88	375,414,199,211.80	35,376,385.15	707,527.70	0.00	0.00	0.00	
Process Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Fugitive Emissions	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Direct	**376,378,554,695.19**	**375,416,528,799.85**	**35,376,385.15**	**707,527.70**	**0.00**	**0.00**	**0.00**	100.00

Scope 2

Indirect Emissions (tonnes/yr)	CO2e	CO2	CH4	N2O
Purchased Electricity	1,666,373.32	1,657,429.65	41.76	26.02
Purchased Heating	0.00	0.00	41.76	26.02
Purchased Cooling	0.00	0.00	0.00	0.00
Purchased Steam	0.00	0.00	0.00	0.00
Total Indirect	**1,666,373.32**	**1,657,429.65**	**83.51**	**52.04**

Scope 3

Optional Emissions (tonnes/yr)	CO2e	CO2	CH4	N2O	HFCs	PFCs	SF6	% Total
Specify: *Contracted Services - School Buses*	11,414.97							
Specify: *Contracted Services - Municipal Solid Wastes Collection and Disposal*	4,190.75							
Specify: *Contracted Services - Municipal Solid Wastes Landfill Exports*	60,481.41							
Specify: *Contracted Services - Biosolids Transport*	0.00							
Total Optional	**76,087.13**							

Total Community Emissions	**376,380,297,155.65**							

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
County-Owned																											
Department of Central Administration - Fleet	114809	FORD	C&C	UT2; REG, 250, 8', UTILITY, PLOW, HITCH	2003	Diesel	12882	1103.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.12E+01	6.40E-04	2.87E-04	11.31
Department of Central Administration - Fleet	114723	HUSTLER	TRACT	MOWER, 72"	2002	Diesel	87	130.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.32E+00	4.44E-07	4.18E-07	1.32
Department of Central Administration - Fleet	114724	HUSTLER	TRACT	MOWER, 72"	2002	Diesel	185	231	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.34E+00	9.44E-07	8.88E-07	2.34
Department of Central Administration - Fleet	114725	HUSTLER	TRACT	MOWER, 72"	2002	Diesel	500	135.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.37E+00	2.55E-06	2.40E-06	1.37
Department of Central Administration - Fleet	114749	CHEVROLET	VAN	TV2/0;FULL,10+2/6+4PASS,CUTAWAY,WHEELCHAIR LIFT	2003	Diesel	2984	295.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	3.00E+00	2.98E-06	4.48E-06	3.00
Department of Central Administration - Fleet	114777	CHEVROLET	SUV	SUV1; FULL,4DR,4W,TAHOE (OFF LEASE)	2003	Gas	21381	1500.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	1.32E+01	3.31E-04	2.44E-04	13.30
Department of Central Administration - Fleet	114805	DODGE	VAN	TV3; COMPACT, 7 PASS, CARAVAN	2003	Gas	13465	668.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	5.89E+00	2.09E-04	1.54E-04	5.94
Department of Central Administration - Fleet	114806	CHEVROLET	VAN	TV0/1; FULL,CARGO,EXT,2500,HITCH	2003	Gas	7676	567.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	5.00E+00	1.19E-04	8.75E-05	5.03
Department of Central Administration - Fleet	114890	HONDA	AUTO	ACCORD	2000	Gas	10365	547.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	4.82E+00	1.84E-04	2.83E-04	4.91
Department of Central Administration - Fleet	114808	FORD	SUV	SUV1; FULL,4DR,4W,EXCURSION	2003	Gas	5078	594.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	5.24E+00	7.87E-05	5.79E-05	5.26
Department of Central Administration - Fleet	114695	FORD	AUTO	CROWN VICTORIA	2003	Gas	20391	1235.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.09E+01	2.32E-04	2.75E-04	10.97
Department of Central Administration - Fleet	114810	CHEVROLET	P/U	PU0; COMPACT,EXT,6' BOD	2003	Gas	10768	716.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	6.32E+00	1.67E-04	1.23E-04	6.36
Department of Central Administration - Fleet	114811	CHEVROLET	P/U	PU0; COMPACT,EXT,6' BOD	2003	Gas	10923	572.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	5.04E+00	1.69E-04	1.25E-04	5.08
Department of Central Administration - Fleet	114812	CHEVROLET	P/U	PU0; COMPACT,EXT,6' BOD	2003	Gas	8257	558.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	4.92E+00	1.28E-04	9.41E-05	4.95
Department of Central Administration - Fleet	114813	FORD	P/U	PU2; FULL,REG,250,8' BOD	2003	Diesel	8905	586.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	5.95E+00	8.91E-06	1.34E-05	5.96
Department of Central Administration - Fleet	114814	FORD	P/U	PU2/4W; FULL,REG,4X4,250,8' BOD,PLOW,HITCH	2003	Diesel	15498	1022.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.04E+01	1.55E-05	2.32E-05	10.38
Department of Central Administration - Fleet	114815	FORD	P/U	PU2/4W; FULL,CREW,4X4,250,8' BOD,PLOW,HITCH	2003	Diesel	14779	1142.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.16E+01	1.48E-05	2.22E-05	11.61
Department of Central Administration - Fleet	114861	MAZDA	AUTO	MILLENIA	2002	Gas	1467	22.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.97E-01	1.57E-05	2.24E-05	0.20
Department of Central Administration - Fleet	118433	FORD	AUTO	CROWN VICTORIA	2004	Gas	26940	2563.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	2.26E+01	3.91E-04	2.24E-04	22.66
Department of Central Administration - Fleet	114807	DODGE	P/U	PU0/4W; COMPACT; REG; 4WD; 6' BOD,	2003	Gas	12488	879.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	7.75E+00	1.94E-04	1.42E-04	7.79
Department of Central Administration - Fleet	114687	FORD	AUTO	CROWN VICTORIA	2003	Gas	18105	1969.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.74E+01	2.06E-04	2.44E-04	17.43
Department of Central Administration - Fleet	114676	FORD	AUTO	CROWN VICTORIA	2003	Gas	23663	1725.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.52E+01	2.70E-04	3.19E-04	15.31
Department of Central Administration - Fleet	114677	FORD	AUTO	CROWN VICTORIA	2003	Gas	21227	2064.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.82E+01	2.42E-04	2.87E-04	18.28
Department of Central Administration - Fleet	114679	FORD	AUTO	CROWN VICTORIA	2003	Gas	24998	2628.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	2.32E+01	2.85E-04	3.37E-04	23.27
Department of Central Administration - Fleet	114680	FORD	AUTO	CROWN VICTORIA	2003	Gas	22512	1871.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.65E+01	2.57E-04	3.04E-04	16.58
Department of Central Administration - Fleet	114681	FORD	AUTO	CROWN VICTORIA	2003	Gas	27566	2654.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	2.34E+01	3.14E-04	3.72E-04	23.50
Department of Central Administration - Fleet	114682	FORD	AUTO	CROWN VICTORIA	2003	Gas	19690	1375.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.21E+01	2.24E-04	2.66E-04	12.20
Department of Central Administration - Fleet	114683	FORD	AUTO	CROWN VICTORIA	2003	Gas	19543	2030.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.79E+01	2.23E-04	2.64E-04	17.97
Department of Central Administration - Fleet	114684	FORD	AUTO	CROWN VICTORIA	2003	Gas	15833	1218.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.07E+01	1.80E-04	2.14E-04	10.80
Department of Central Administration - Fleet	114718	NISSAN	AUTO	MAXIMA	2002	Gas	18778	890.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	7.85E+00	2.01E-04	2.87E-04	7.94
Department of Central Administration - Fleet	114686	FORD	AUTO	CROWN VICTORIA	2003	Gas	10660	848.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	7.48E+00	1.22E-04	1.44E-04	7.52
Department of Central Administration - Fleet	114710	FORD	SUV	SUV1; EXPLORER	2000	Gas	13771	1067	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	9.40E+00	4.76E-04	8.55E-04	9.68
Department of Central Administration - Fleet	114688	FORD	AUTO	CROWN VICTORIA	2003	Gas	27213	1946.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.71E+01	3.10E-04	3.67E-04	17.27
Department of Central Administration - Fleet	114689	FORD	AUTO	CROWN VICTORIA	2003	Gas	18053	1814.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.60E+01	2.06E-04	2.44E-04	16.07
Department of Central Administration - Fleet	114690	FORD	AUTO	CROWN VICTORIA	2003	Gas	23122	1957.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.72E+01	2.64E-04	3.12E-04	17.35
Department of Central Administration - Fleet	114691	FORD	AUTO	CROWN VICTORIA	2003	Gas	14235	1127.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	9.94E+00	1.62E-04	1.92E-04	10.00
Department of Central Administration - Fleet	114692	FORD	AUTO	CROWN VICTORIA	2003	Gas	19174	1184.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.04E+01	2.19E-04	2.59E-04	10.52
Department of Central Administration - Fleet	114693	FORD	AUTO	CROWN VICTORIA	2003	Gas	17306	909.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	8.01E+00	1.97E-04	2.34E-04	8.09
Department of Central Administration - Fleet	114694	FORD	AUTO	CROWN VICTORIA	2003	Gas	16702	947.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	8.35E+00	1.90E-04	2.25E-04	8.42
Department of Central Administration - Fleet	114891	MAZDA	AUTO	MILLENIA	2002	Gas	5013	229.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	2.02E+00	5.36E-05	7.67E-05	2.04
Department of Central Administration - Fleet	114685	FORD	AUTO	CROWN VICTORIA	2003	Gas	8693	707.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	6.23E+00	9.91E-05	1.17E-04	6.27
Department of Central Administration - Fleet	118424	FORD	AUTO	CROWN VICTORIA	2004	Gas	21944	1395.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.23E+01	3.18E-04	1.82E-04	12.35
Department of Central Administration - Fleet	118286	DODGE	AUTO	IMPALA	2004	Gas	22726	1238	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.09E+01	3.30E-04	1.89E-04	10.97
Department of Central Administration - Fleet	118287	DODGE	AUTO	INTREPID	2004	Gas	13377	770.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	6.79E+00	1.94E-04	1.11E-04	6.83
Department of Central Administration - Fleet	118314	FORD	SUV	SUV1; EXPLORER	2004	Gas	5100	411.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2004	8.81	kg/gallon	B/C	0.0152	g/mile	B/C	0.0132	g/mile	B/C	3.63E+00	7.75E-05	6.73E-05	3.65
Department of Central Administration - Fleet	118399	FORD	SUV	SUV1; EXPLORER; 4 DOOR, PARK RANGER	2003	Gas	4475	302.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	2.66E+00	6.94E-05	5.10E-05	2.68
Department of Central Administration - Fleet	118400	FORD	SUV	SUV1; EXPLORER; 4 DOOR; PARK RANGER,	2003	Gas	10945	702.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	6.19E+00	1.70E-04	1.25E-04	6.23

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Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
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CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	118417	CADILLAC	AUTO	CATERA	2000	Gas	4323	191	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.68E+00	7.69E-05	1.18E-04	1.72
Department of Central Administration - Fleet	118421	FORD	AUTO	CROWN VICTORIA	2004	Gas	12015	1179.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.04E+01	1.74E-04	9.97E-05	10.43
Department of Central Administration - Fleet	114862	MITSUBISHI	AUTO	DIAMANTE	2002	Gas	52164	780.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	6.88E+00	5.58E-04	7.98E-04	7.14
Department of Central Administration - Fleet	118423	FORD	AUTO	CROWN VICTORIA	2004	Gas	15625	1045.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	9.21E+00	2.27E-04	1.30E-04	9.26
Department of Central Administration - Fleet	117578	PIERCE	PUMPER	EFP1; PUMPER; ENFORCER; 730 GAL.;	2004	Diesel	17264	4124.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	4.19E+01	8.80E-05	8.29E-05	41.89
Department of Central Administration - Fleet	118425	FORD	AUTO	CROWN VICTORIA	2004	Gas	19494	1749.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.54E+01	2.83E-04	1.62E-04	15.47
Department of Central Administration - Fleet	118426	FORD	AUTO	CROWN VICTORIA	2004	Gas	18493	1732.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.53E+01	2.68E-04	1.53E-04	15.32
Department of Central Administration - Fleet	118427	FORD	AUTO	CROWN VICTORIA	2004	Gas	15410	1314.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.16E+01	2.23E-04	1.28E-04	11.62
Department of Central Administration - Fleet	118428	FORD	AUTO	CROWN VICTORIA	2004	Gas	3128	211.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.86E+00	4.54E-05	2.60E-05	1.87
Department of Central Administration - Fleet	118429	FORD	AUTO	CROWN VICTORIA	2004	Gas	35864	2652.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	2.34E+01	5.20E-04	2.98E-04	23.47
Department of Central Administration - Fleet	118430	FORD	AUTO	CROWN VICTORIA	2004	Gas	7399	626.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	5.52E+00	1.07E-04	6.14E-05	5.54
Department of Central Administration - Fleet	118431	FORD	AUTO	CROWN VICTORIA	2004	Gas	25636	1483.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.31E+01	3.72E-04	2.13E-04	13.14
Department of Central Administration - Fleet	120663	FORD	AUTO	CROWN VICTORIA	2005	Gas	23235	2024.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.78E+01	3.42E-04	1.84E-04	17.90
Department of Central Administration - Fleet	118422	FORD	AUTO	CROWN VICTORIA	2004	Gas	15500	971.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	8.56E+00	2.25E-04	1.29E-04	8.61
Department of Central Administration - Fleet	117486	FORD	C&C	UT2; REG,4W,250,8', UTILITY,PLOW,HITCH	2004	Diesel	9537	796.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.09E+00	4.62E-04	2.07E-04	8.16
Department of Central Administration - Fleet	114943	ALL AMERICAN	BUS	CT1; BUS; MTA STYLE	1992	Diesel	795	156.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.59E+00	4.05E-06	3.82E-06	1.59
Department of Central Administration - Fleet	114980	HORTON	AMBULANCE	AMB2; AMBULANCE; HORTON	2004	Diesel	23354	1128.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.15E+01	1.19E-04	1.12E-04	11.49
Department of Central Administration - Fleet	117003	FORD	SUV	SUV1; EXPLORER	2004	Gas	12594	766	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2004	8.81	kg/gallon	B/C	0.0152	g/mile	B/C	0.0132	g/mile	B/C	6.75E+00	1.91E-04	1.66E-04	6.80
Department of Central Administration - Fleet	117218	FORD	AUTO	CROWN VICTORIA	2003	Gas	28355	1362.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.20E+01	3.23E-04	3.83E-04	12.13
Department of Central Administration - Fleet	117260	DODGE	AUTO	INTREPID	2004	Gas	9955	526.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	4.64E+00	1.44E-04	8.26E-05	4.67
Department of Central Administration - Fleet	117261	PONTIAC	VAN	TV3; COMPACT,7 PASS,EXT,MONTANA	2000	Gas	8935	465.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	4.10E+00	3.09E-04	5.55E-04	4.28
Department of Central Administration - Fleet	117281	FORD	P/U	PU2/SP; FULL,CREW,4X4,250,8' BED,PLOW,HITCH	2003	Diesel	4622	385.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	3.92E+00	4.62E-06	6.93E-06	3.92
Department of Central Administration - Fleet	117483	CHEVROLET	SUV	SUV1; COMPACT,4DR,4W,S-10 BLAZER	2004	Gas	10737	600.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2004	8.81	kg/gallon	B/C	0.0152	g/mile	B/C	0.0132	g/mile	B/C	5.29E+00	1.63E-04	1.42E-04	5.34
Department of Central Administration - Fleet	118285	DODGE	AUTO	INTREPID	2004	Gas	15368	738.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	6.51E+00	2.23E-04	1.28E-04	6.55
Department of Central Administration - Fleet	117485	FORD	C&C	UT2; REG,4W,250,8', UTILITY,PLOW,HITCH	2004	Diesel	16677	1354.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.37E+01	7.86E-04	3.52E-04	13.87
Department of Central Administration - Fleet	117580	CHEVROLET	VAN	TV3; COMPACT,AWD,8 PASS,ASTRO,HITCH	2004	Gas	4454	382.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2004	8.81	kg/gallon	B/C	0.0152	g/mile	B/C	0.0132	g/mile	B/C	3.37E+00	6.77E-05	5.88E-05	3.39
Department of Central Administration - Fleet	117487	FORD	P/U	PU2/4W; FULL; CREW; 4X4; 250; 6' BODY;	2003	Diesel	2575	214.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	2.18E+00	2.58E-06	3.86E-06	2.18
Department of Central Administration - Fleet	117490	DODGE	P/U	PU0/4W; COMPACT,EXT,4W,6' BOD	2003	Gas	14905	1006.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	8.87E+00	2.31E-04	1.70E-04	8.93
Department of Central Administration - Fleet	117544	FORD	P/U	PU2/4W; FULL; CREW; 4WD; 250; 6' BODY	2004	Diesel	4734	382.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	3.88E+00	4.73E-06	7.10E-06	3.89
Department of Central Administration - Fleet	117572	CHEVROLET	SUV	SUV0; COMPACT; 4DR; 4WD; S-10 BLAZER;	2004	Gas	7170	392.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2004	8.81	kg/gallon	B/C	0.0152	g/mile	B/C	0.0132	g/mile	B/C	3.45E+00	1.09E-04	9.46E-05	3.49
Department of Central Administration - Fleet	117573	FORD	C&C	UT2; CREW,4W,250,96" UTILITY,PLOW	2004	Diesel	8705	825.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.38E+00	4.79E-04	2.15E-04	8.45
Department of Central Administration - Fleet	117575	FORD	C&C	UT1; REG,DRW,4W,350,9', UTILITY,CVR	2004	Diesel	10013	1172.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.19E+01	6.80E-04	3.05E-04	12.01
Department of Central Administration - Fleet	117576	STERLING	TRUCK	ST1/RO; REG,64 GW,TANDEM,LANDFILL ROLLOFF CONV	2004	Diesel	10795	3464.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.52E+01	5.51E-05	5.18E-05	35.18
Department of Central Administration - Fleet	114672	FORD	AUTO	CROWN VICTORIA	2003	Gas	23486	2182.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.92E+01	2.68E-04	3.17E-04	19.33
Department of Central Administration - Fleet	117484	FORD	C&C	UT2; REG,4W,250,8', UTILITY,PLOW,HITCH	2004	Diesel	6629	827.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.40E+00	4.80E-04	2.15E-04	8.48
Department of Central Administration - Fleet	113709	FREIGHTLINER	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2003	Diesel	7574	1387.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.41E+01	8.05E-04	3.61E-04	14.22
Department of Central Administration - Fleet	113583	DODGE	P/U	PU2; FULL,REG,2500,8' BOD,HITCH	2002	Diesel	5065	308.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	3.13E+00	5.07E-06	7.60E-06	3.13
Department of Central Administration - Fleet	113584	DODGE	C&C	UT2/0; FULL,REG,2500,8',UTIL,HITCH,PLOW,SLIDE ROOF	2002	Diesel	17268	1183.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.20E+01	6.86E-04	3.08E-04	12.12
Department of Central Administration - Fleet	113585	DODGE	C&C	UT2/0; FULL,REG,2500,8',UTIL,HITCH,PLOW,SLIDE ROOF	2002	Diesel	12759	828.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.41E+00	4.80E-04	2.15E-04	8.48
Department of Central Administration - Fleet	113642	CHEVROLET	AUTO	MONTE CARLO	2001	Gas	9972	470.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	4.15E+00	1.10E-04	1.58E-04	4.20
Department of Central Administration - Fleet	113646	DODGE	AUTO	INTREPID	2002	Gas	6833	465.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	4.11E+00	7.31E-05	1.05E-04	4.14
Department of Central Administration - Fleet	113650	FORD	AUTO	CROWN VICTORIA	2003	Gas	12089	745.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	6.57E+00	1.38E-04	1.63E-04	6.62
Department of Central Administration - Fleet	113704	FORD	AUTO	TAURUS	2002	Gas	5270	253.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	2.23E+00	5.64E-05	8.06E-05	2.26
Department of Central Administration - Fleet	114675	FORD	AUTO	CROWN VICTORIA	2003	Gas	20088	2109.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.86E+01	2.29E-04	2.71E-04	18.68
Department of Central Administration - Fleet	113706	FORD	AUTO	TAURUS	2002	Gas	4254	190.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.68E+00	4.55E-05	6.51E-05	1.70
Department of Central Administration - Fleet	113432	DODGE	AUTO	INTREPID	2002	Gas	7651	397.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	3.50E+00	8.19E-05	1.17E-04	3.54

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Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	113710	FREIGHTLINER	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2003	Diesel	3875	804.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.17E+00	4.67E-04	2.09E-04	8.24
Department of Central Administration - Fleet	113711	FREIGHTLINER	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2003	Diesel	8050	1423.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.44E+01	8.25E-04	3.70E-04	14.58
Department of Central Administration - Fleet	113712	STERLING	TRUCK	ST1/RO;ROLL-OFF;TRI-AXLE;65-84GVW IN/OUTSIDE RAIL	2002	Diesel	4543	1693.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.72E+01	2.32E-05	2.18E-05	17.19
Department of Central Administration - Fleet	113713	STERLING	TRUCK	TTT1; TRACTOR; REG,TANDEM; GVW 52,000	2003	Diesel	6094	951.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	9.66E+00	3.11E-05	2.93E-05	9.67
Department of Central Administration - Fleet	113714	STERLING	TRUCK	TTT1; TRACTOR; REG,TANDEM	2002	Diesel	1399	440.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	4.47E+00	7.13E-06	6.72E-06	4.48
Department of Central Administration - Fleet	113936	FORD	AUTO	CROWN VICTORIA	2003	Gas	6409	347.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	3.06E+00	7.31E-05	8.65E-05	3.09
Department of Central Administration - Fleet	114035	FORD	SUV	SUV1; EXPLORER	2003	Gas	8954	633.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	5.58E+00	1.39E-04	1.02E-04	5.62
Department of Central Administration - Fleet	114036	CHEVROLET	SUV	SUV1; FULL,4DR,4W,TAHOE (OFF LEASE)	2001	Gas	17808	1461.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	1.29E+01	2.69E-04	2.92E-04	12.97
Department of Central Administration - Fleet	113705	FORD	AUTO	TAURUS	2002	Gas	5755	292.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	2.57E+00	6.16E-05	8.81E-05	2.60
Department of Central Administration - Fleet	113238	DODGE	C&C	UT2; FULL,REG,2500,8' UTILITY,HITCH,PLOW	2002	Diesel	9469	638.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	6.48E+00	3.70E-04	1.66E-04	6.54
Department of Central Administration - Fleet	113217	CHEVROLET	C&C	UT1; REG,DRW,3500,9',UTILITY,HITCH	2002	Diesel	5741	673.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	6.84E+00	3.91E-04	1.75E-04	6.90
Department of Central Administration - Fleet	113218	DODGE	AUTO	INTREPID	2004	Gas	6437	383.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	3.38E+00	9.33E-05	5.34E-05	3.39
Department of Central Administration - Fleet	113219	CHEVROLET	DUMP	3/4 TON 2500 DRW 8.5' DUMP BODY W/PLOW, SPRD 8 CYL	2002	Diesel	1546	190.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.94E+00	1.11E-04	4.96E-05	1.95
Department of Central Administration - Fleet	113231	DODGE	P/U	PU0/4W; COMPACT,REG,4W,6.5' BOD	2002	Gas	9180	555.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2002	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0228	g/mile	B/C	4.89E+00	1.63E-04	2.09E-04	4.96
Department of Central Administration - Fleet	113232	DODGE	P/U	PU2; FULL,REG,2500,8' BOD,HITCH	2002	Diesel	1934	147.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.50E+00	1.93E-06	2.90E-06	1.50
Department of Central Administration - Fleet	113233	DODGE	P/U	PU2; FULL,REG,2500,8' BOD,HITCH	2002	Diesel	7334	529.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	5.37E+00	7.33E-06	1.10E-05	5.37
Department of Central Administration - Fleet	113234	DODGE	P/U	PU2; FULL,REG,2500,8' BOD,HITCH	2002	Diesel	15590	1318.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.34E+01	1.56E-05	2.34E-05	13.39
Department of Central Administration - Fleet	113235	DODGE	P/U	PU2; FULL,REG,2500,8' BOD,HITCH	2002	Diesel	22856	1372.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.39E+01	2.29E-05	3.43E-05	13.94
Department of Central Administration - Fleet	113434	DODGE	AUTO	INTREPID	2002	Gas	16880	721.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	6.36E+00	1.81E-04	2.58E-04	6.44
Department of Central Administration - Fleet	113237	DODGE	C&C	UT2; FULL,REG,2500,8',UTILITY,HITCH,	2002	Diesel	14766	913.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	9.27E+00	5.30E-04	2.38E-04	9.36
Department of Central Administration - Fleet	113433	DODGE	AUTO	INTREPID	2002	Gas	13192	648.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	5.71E+00	1.41E-04	2.02E-04	5.78
Department of Central Administration - Fleet	113239	DODGE	C&C	UT2/0; FULL,REG,2500,8',UTIL,HITCH,PLOW,SLIDE ROOF	2002	Diesel	11873	877.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.90E+00	5.09E-04	2.28E-04	8.98
Department of Central Administration - Fleet	113240	DODGE	DUMP	1 TON 3500 DRW 8.5' DUMP BODY W/PLOW, SPRD 8 CYL	2002	Diesel	7485	871.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.85E+00	5.06E-04	2.27E-04	8.93
Department of Central Administration - Fleet	113241	DODGE	C&C	ST3/LG; REG,DRW,3500,12'FLAT,40"STAKE,HITCH&LIFT	2002	Diesel	1199	83.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.47E-01	4.84E-05	2.17E-05	0.85
Department of Central Administration - Fleet	113242	DODGE	DUMP	1 TON 3500 DRW 8.5' DUMP BODY W/PLOW, SPRD 8 CYL	2002	Diesel	3280	447	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.54E+00	2.59E-04	1.16E-04	4.58
Department of Central Administration - Fleet	113293	FORD	AUTO	CROWN VICTORIA	2003	Gas	4039	369.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	3.26E+00	4.60E-05	5.45E-05	3.28
Department of Central Administration - Fleet	113417	DODGE	DUMP	1 TON 3500 DRW 8.5' DUMP BODY W/PLOW, SPRD 8 CYL	2002	Diesel	6737	675.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	6.86E+00	3.92E-04	1.76E-04	6.92
Department of Central Administration - Fleet	113419	CHEVROLET	VAN	TV0/1; COMPACT,CARGO,AWD	2002	Gas	12962	909.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2002	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0228	g/mile	B/C	8.01E+00	2.31E-04	2.96E-04	8.11
Department of Central Administration - Fleet	114213	NEW HOLLAND	TRACT	TRACTOR; TC33D; HP;	2002	Diesel	259	198.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.01E+00	1.15E-04	5.15E-05	2.03
Department of Central Administration - Fleet	113236	DODGE	C&C	UT2; REG,2500,8', UTILITY,HITCH,PLOW	2002	Diesel	9319	700	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	7.11E+00	4.06E-04	1.82E-04	7.17
Department of Central Administration - Fleet	114647	CHEVROLET	AUTO	IMPALA	2003	Gas	14499	728.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	6.42E+00	1.65E-04	1.96E-04	6.48
Department of Central Administration - Fleet	114188	FORD	VAN	TV0; VAN; WINDSTAR	2003	Gas	3726	215.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	1.90E+00	5.78E-05	4.25E-05	1.91
Department of Central Administration - Fleet	114525	FREIGHTLINER	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2003	Diesel	9706	1698.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.72E+01	9.85E-04	4.42E-04	17.40
Department of Central Administration - Fleet	114538	CHEVROLET	SUV	SUV0; COMPACT,4DR,4W,BLAZER (OFF LEASE)	2002	Gas	12009	658.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2002	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0228	g/mile	B/C	5.80E+00	2.14E-04	2.74E-04	5.89
Department of Central Administration - Fleet	114607	DODGE	AUTO	INTREPID	2003	Gas	15153	686.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	6.05E+00	1.73E-04	2.05E-04	6.11
Department of Central Administration - Fleet	114608	DODGE	AUTO	INTREPID	2003	Gas	9668	528.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	4.65E+00	1.10E-04	1.31E-04	4.70
Department of Central Administration - Fleet	114609	DODGE	AUTO	INTREPID	2003	Gas	19283	985.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	8.68E+00	2.20E-04	2.60E-04	8.77
Department of Central Administration - Fleet	114610	DODGE	AUTO	INTREPID	2003	Gas	15047	801.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	7.06E+00	1.72E-04	2.03E-04	7.13
Department of Central Administration - Fleet	114611	DODGE	AUTO	INTREPID	2003	Gas	16768	863.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	7.61E+00	1.91E-04	2.26E-04	7.68
Department of Central Administration - Fleet	114510	DODGE	AUTO	INTREPID	2003	Gas	16247	864.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	7.62E+00	1.85E-04	2.19E-04	7.69
Department of Central Administration - Fleet	114646	CHEVROLET	AUTO	IMPALA	2003	Gas	19092	921.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	8.12E+00	2.18E-04	2.58E-04	8.21
Department of Central Administration - Fleet	114506H	CHEVROLET	AUTO	IMPALA	2002	Gas	2900	150.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.33E+00	3.10E-05	4.44E-05	1.34
Department of Central Administration - Fleet	114665	FORD	AUTO	CROWN VICTORIA	2003	Gas	23106	2214.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.95E+01	2.63E-04	3.12E-04	19.62
Department of Central Administration - Fleet	114666	FORD	AUTO	CROWN VICTORIA	2003	Gas	13173	1223.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.08E+01	1.50E-04	1.78E-04	10.84

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	114667	FORD	AUTO	CROWN VICTORIA	2003	Gas	20226	1477.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.30E+01	2.31E-04	2.73E-04	13.11
Department of Central Administration - Fleet	114668	FORD	AUTO	CROWN VICTORIA	2003	Gas	22755	1709.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.51E+01	2.59E-04	3.07E-04	15.16
Department of Central Administration - Fleet	114669	FORD	AUTO	CROWN VICTORIA	2003	Gas	17133	1798.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.58E+01	1.95E-04	2.31E-04	15.92
Department of Central Administration - Fleet	114670	FORD	AUTO	CROWN VICTORIA	2003	Gas	12993	1145.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.01E+01	1.48E-04	1.75E-04	10.15
Department of Central Administration - Fleet	114671	FORD	AUTO	CROWN VICTORIA	2003	Gas	16981	1588.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.40E+01	1.94E-04	2.29E-04	14.07
Department of Central Administration - Fleet	118434	FORD	AUTO	CROWN VICTORIA	2004	Gas	23034	1651.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.45E+01	3.34E-04	1.91E-04	14.62
Department of Central Administration - Fleet	114642	JEEP	SUV	SUV0; COMPACT,4DR,4W,CHEROKEE (OFF LEASE)	2000	Gas	9683	527.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	4.65E+00	3.35E-04	6.01E-04	4.84
Department of Central Administration - Fleet	114488	CHEVROLET	P/U	PU0; COMPACT,EXT,6' BOD,HITCH	2003	Gas	5533	335.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	2.96E+00	8.58E-05	6.31E-05	2.98
Department of Central Administration - Fleet	114673	FORD	AUTO	CROWN VICTORIA	2003	Gas	16072	1535.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2003	8.81	kg/gallon	B/C	0.0114	g/mile	B/C	0.0135	g/mile	B/C	1.35E+01	1.83E-04	2.17E-04	13.60
Department of Central Administration - Fleet	114393	INTERNATIONAL	AMBULANCE	AMB2; AMBULANCE; FIRE; INT'L HORTON; 4300;	2003	Diesel	24975	3443.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.50E+01	1.27E-04	1.20E-04	34.99
Department of Central Administration - Fleet	114397	DODGE	P/U	PU2/SP; FIRE; FULL,REG,2500,8' BED,PLOW,HITCH	2003	Diesel	3783	372.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	3.78E+00	3.78E-06	5.67E-06	3.78
Department of Central Administration - Fleet	114398	DODGE	P/U	PU2/SP; FIRE; FULL,REG,2500,8' BED,PLOW,HITCH	2003	Diesel	5353	359.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	3.65E+00	5.35E-06	8.03E-06	3.65
Department of Central Administration - Fleet	114399	DODGE	C&C	UT2; FULL,REG,2500,8'UTILITY,HITCH,	2003	Diesel	13396	853.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.66E+00	4.95E-04	2.22E-04	8.74
Department of Central Administration - Fleet	114431	FORD	SUV	SUV1; EXPLORER	1999	Gas	5723	350.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	3.09E+00	1.84E-04	3.23E-04	3.19
Department of Central Administration - Fleet	114450	BUICK	AUTO	CENTURY	2001	Gas	13201	312.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	2.75E+00	1.45E-04	2.09E-04	2.82
Department of Central Administration - Fleet	114473H	FORD	SUV	SUV0; EXPLORER	2004	Gas	3325	372.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2004	8.81	kg/gallon	B/C	0.0152	g/mile	B/C	0.0132	g/mile	B/C	3.28E+00	5.05E-05	4.39E-05	3.29
Department of Central Administration - Fleet	114523	CHEVROLET	VAN	TV0; VAN; VENTURE	2002	Gas	8929	573.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2002	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0228	g/mile	B/C	5.05E+00	1.59E-04	2.04E-04	5.12
Department of Central Administration - Fleet	114486	BUICK	AUTO	CENTURY	2002	Gas	13281	526.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	4.64E+00	1.42E-04	2.03E-04	4.71
Department of Central Administration - Fleet	114197	FORD	TRUCK	MCSV3; EURO-LINER MEDICAL UNIT	2003	Gas	320	125.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 2003	8.81	kg/gallon	B/C	0.0533	g/mile	B/C	0.1240	g/mile	B/C	1.11E+00	1.71E-05	3.97E-05	1.12
Department of Central Administration - Fleet	114489	CHEVROLET	SUV	EMS1; SUBURBAN; PARAMEDIC;	2003	Gas	25509	2354.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	2.07E+01	3.95E-04	2.91E-04	20.84
Department of Central Administration - Fleet	114490	CHEVROLET	SUV	EMS1; SUBURBAN; PARAMEDIC;	2003	Gas	21868	2205.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	1.94E+01	3.39E-04	2.49E-04	19.51
Department of Central Administration - Fleet	114491	FORD	SUV	SUV1; EXPLORER	2003	Gas	8283	552.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	4.87E+00	1.28E-04	9.44E-05	4.90
Department of Central Administration - Fleet	114492	FORD	SUV	SUV1; EXPLORER	2003	Gas	14874	930.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	8.20E+00	2.31E-04	1.70E-04	8.26
Department of Central Administration - Fleet	114493	FORD	SUV	SUV1; EXPLORER	2003	Gas	8289	569.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	5.02E+00	1.28E-04	9.45E-05	5.05
Department of Central Administration - Fleet	114494	CHEVROLET	AUTO	IMPALA	2002	Gas	9510	498.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	4.39E+00	1.02E-04	1.46E-04	4.44
Department of Central Administration - Fleet	114499	CHEVROLET	SUV	SUV0; COMPACT,4DR,4W,S-10 BLAZER (OFF LEASE)	2002	Gas	14075	784.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2002	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0228	g/mile	B/C	6.91E+00	2.51E-04	3.21E-04	7.01
Department of Central Administration - Fleet	114505	CHEVROLET	AUTO	IMPALA	2002	Gas	13213	711.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	6.27E+00	1.41E-04	2.02E-04	6.34
Department of Central Administration - Fleet	114476	DODGE	AUTO	INTREPID	2002	Gas	8369	496.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	4.37E+00	8.95E-05	1.28E-04	4.41
Department of Central Administration - Fleet	120281	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	4925	380.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	3.35E+00	7.73E-05	4.97E-05	3.37
Department of Central Administration - Fleet	120272	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	8395	582.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.13E+00	1.32E-04	8.48E-05	5.16
Department of Central Administration - Fleet	120273	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	4990	313.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	2.76E+00	7.83E-05	5.04E-05	2.78
Department of Central Administration - Fleet	120274	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	18043	989.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	8.71E+00	2.83E-04	1.82E-04	8.78
Department of Central Administration - Fleet	120275	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	8728	633.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.58E+00	1.37E-04	8.82E-05	5.61
Department of Central Administration - Fleet	120276	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	12706	748.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	6.59E+00	1.99E-04	1.28E-04	6.64
Department of Central Administration - Fleet	120277	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	10105	718.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	6.33E+00	1.59E-04	1.02E-04	6.37
Department of Central Administration - Fleet	120278	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	12416	627.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.53E+00	1.95E-04	1.25E-04	5.57
Department of Central Administration - Fleet	120437	FORD	AUTO	MUSTANG GT	2005	Gas	8969	715.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.30E+00	1.32E-04	7.09E-05	6.33
Department of Central Administration - Fleet	120280	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	6471	395.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	3.49E+00	1.02E-04	6.54E-05	3.51
Department of Central Administration - Fleet	120269	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	9366	605.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.34E+00	1.47E-04	9.46E-05	5.37
Department of Central Administration - Fleet	120282	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	6051	459.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	4.05E+00	9.50E-05	6.11E-05	4.07
Department of Central Administration - Fleet	120283	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	7510	453.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	4.00E+00	1.18E-04	7.59E-05	4.02
Department of Central Administration - Fleet	120285	HONDA	AUTO	ACCORD	2005	Gas	10681	501	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	4.41E+00	1.57E-04	8.44E-05	4.44
Department of Central Administration - Fleet	120286	NISSAN	VAN	TV0; QUEST, 4D WAGON	2005	Gas	1395	113.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.00E+00	2.19E-05	1.41E-05	1.01
Department of Central Administration - Fleet	120287	NISSAN	SUV	SUV1; XTERRA, SPORT UTIL, 4WD	2004	Gas	13624	914	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2004	8.81	kg/gallon	B/C	0.0152	g/mile	B/C	0.0132	g/mile	B/C	8.05E+00	2.07E-04	1.80E-04	8.11
Department of Central Administration - Fleet	120401	CHEVROLET	SUV	SUV0; CHEVROLET EQUINOX LS, SPORT UTIL	2005	Gas	18693	1163.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.03E+01	2.93E-04	1.89E-04	10.32
Department of Central Administration - Fleet	120407	PONTIAC	AUTO	G6 SEDAN	2005	Gas	4080	185.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.63E+00	6.00E-05	3.22E-05	1.64

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	118432	FORD	AUTO	CROWN VICTORIA	2004	Gas	15051	1252.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.10E+01	2.18E-04	1.25E-04	11.08
Department of Central Administration - Fleet	120279	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	11482	904.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	7.97E+00	1.80E-04	1.16E-04	8.01
Department of Central Administration - Fleet	120261	CHEVROLET	SUV	SUV1; TAHOE, FULL SIZE UTILITY, SSP	2005	Gas	15482	1055.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	9.30E+00	2.43E-04	1.56E-04	9.35
Department of Central Administration - Fleet	120250	NISSAN	AUTO	ALTIMA	2005	Gas	11718	532.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	4.69E+00	1.72E-04	9.26E-05	4.72
Department of Central Administration - Fleet	120251	CHEVROLET	SUV	SUV1; TAHOE, FULL SIZE UTILITY, SSP	2005	Gas	25227	1690.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.49E+01	3.96E-04	2.55E-04	14.98
Department of Central Administration - Fleet	120252	CHEVROLET	SUV	SUV1; TAHOE, FULL SIZE UTILITY, SSP 4WD	2005	Gas	28131	2054.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.81E+01	4.42E-04	2.84E-04	18.19
Department of Central Administration - Fleet	120253	CHEVROLET	SUV	SUV1; TAHOE; FULL SIZE; UTILITY; 4X4;	2005	Gas	11575	792.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	6.98E+00	1.82E-04	1.17E-04	7.02
Department of Central Administration - Fleet	120254	CHEVROLET	SUV	SUV1; TAHOE, FULL SIZE; UTILITY; 4X4;	2005	Gas	8048	574.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.06E+00	1.26E-04	8.13E-05	5.09
Department of Central Administration - Fleet	120255	CHEVROLET	SUV	SUV1; TAHOE, UTILITY, 4X4, SPEC SVC VEH	2005	Gas	17809	1100.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	9.70E+00	2.80E-04	1.80E-04	9.76
Department of Central Administration - Fleet	120257	CHEVROLET	SUV	SUV1; TAHOE, UTILITY, 4X4, SPEC SVC VEH	2005	Gas	13248	863.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	7.61E+00	2.08E-04	1.34E-04	7.65
Department of Central Administration - Fleet	120258	CHEVROLET	SUV	SUV1; TAHOE, UTILITY, 4X4, SPEC SVC VEH	2005	Gas	14093	912.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	8.04E+00	2.21E-04	1.42E-04	8.08
Department of Central Administration - Fleet	120271	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	9592	561.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	4.95E+00	1.51E-04	9.69E-05	4.98
Department of Central Administration - Fleet	120260	CHEVROLET	SUV	SUV1; TAHOE, FULL SIZE UTILITY, SSP	2005	Gas	11304	890.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	7.84E+00	1.77E-04	1.14E-04	7.88
Department of Central Administration - Fleet	120270	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	4498	250.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	2.21E+00	7.06E-05	4.54E-05	2.23
Department of Central Administration - Fleet	120262	CHEVROLET	SUV	SUV1; TAHOE, FULL SIZE UTILITY, SSP	2005	Gas	24415	1922.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.69E+01	3.83E-04	2.47E-04	17.03
Department of Central Administration - Fleet	120263	CHEVROLET	SUV	SUV1; TAHOE, FULL SIZE UTILITY, SSP	2005	Gas	9294	666.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.87E+00	1.46E-04	9.39E-05	5.90
Department of Central Administration - Fleet	120264	CHEVROLET	SUV	SUV1; TAHOE, 2WD	2005	Gas	16147	1380.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.22E+01	2.54E-04	1.63E-04	12.22
Department of Central Administration - Fleet	120265	CHEVROLET	SUV	SUV1; TAHOE, 2WD	2005	Gas	22186	1597.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.41E+01	3.48E-04	2.24E-04	14.15
Department of Central Administration - Fleet	120266	CHEVROLET	VAN	TV0/1; VAN, ASTRO CARGO, AWD	2005	Gas	7132	571.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.03E+00	1.12E-04	7.20E-05	5.06
Department of Central Administration - Fleet	120267	CHEVROLET	VAN	TV0/1; VAN, ASTRO CARGO, AWD	2005	Gas	13302	911.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	8.03E+00	2.09E-04	1.34E-04	8.08
Department of Central Administration - Fleet	120268	CHEVROLET	VAN	TV3; VAN, ASTRO; 7 PASSENGER, AWD	2005	Gas	4974	343.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	3.03E+00	7.81E-05	5.02E-05	3.04
Department of Central Administration - Fleet	120439	FORD	P/U	PU1/SP; F350 XL SD P/U, W/SNOW PLOW PREP PKG	2005	Diesel	28853	2319.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	2.35E+01	2.89E-05	4.33E-05	23.56
Department of Central Administration - Fleet	120259	CHEVROLET	SUV	SUV1; TAHOE, FULL SIZE UTILITY, SSP	2005	Gas	19701	1407.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.24E+01	3.09E-04	1.99E-04	12.47
Department of Central Administration - Fleet	120653	FORD	AUTO	CROWN VICTORIA	2005	Gas	18257	1693.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.49E+01	2.68E-04	1.44E-04	14.97
Department of Central Administration - Fleet	120643	FORD	AUTO	CROWN VICTORIA	2005	Gas	5283	361.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	3.18E+00	7.77E-05	4.17E-05	3.20
Department of Central Administration - Fleet	120644	FORD	AUTO	CROWN VICTORIA	2005	Gas	20874	1735.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.53E+01	3.07E-04	1.65E-04	15.35
Department of Central Administration - Fleet	120645	FORD	AUTO	CROWN VICTORIA	2005	Gas	20451	1715.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.51E+01	3.01E-04	1.62E-04	15.17
Department of Central Administration - Fleet	120646	FORD	AUTO	CROWN VICTORIA	2005	Gas	12926	1150	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.01E+01	1.90E-04	1.02E-04	10.17
Department of Central Administration - Fleet	120647	FORD	AUTO	CROWN VICTORIA	2005	Gas	18366	1377.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.21E+01	2.70E-04	1.45E-04	12.18
Department of Central Administration - Fleet	120648	FORD	AUTO	CROWN VICTORIA	2005	Gas	23982	2014.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.77E+01	3.53E-04	1.89E-04	17.81
Department of Central Administration - Fleet	120650	FORD	AUTO	CROWN VICTORIA	2005	Gas	13606	1258.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.11E+01	2.00E-04	1.07E-04	11.13
Department of Central Administration - Fleet	120408	PONTIAC	AUTO	G6 SEDAN	2005	Gas	22242	1046.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.22E+00	3.27E-04	1.76E-04	9.28
Department of Central Administration - Fleet	120652	FORD	AUTO	CROWN VICTORIA	2005	Gas	10979	1071.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.44E+00	1.61E-04	8.67E-05	9.47
Department of Central Administration - Fleet	120640	FORD	AUTO	CROWN VICTORIA	2005	Gas	16853	1133.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.99E+00	2.48E-04	1.33E-04	10.04
Department of Central Administration - Fleet	120654	FORD	AUTO	CROWN VICTORIA	2005	Gas	12412	1241.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.09E+01	1.82E-04	9.81E-05	10.97
Department of Central Administration - Fleet	120655	FORD	AUTO	CROWN VICTORIA	2005	Gas	16736	1428.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.26E+01	2.46E-04	1.32E-04	12.63
Department of Central Administration - Fleet	120656	FORD	AUTO	CROWN VICTORIA	2005	Gas	25372	1741.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.53E+01	3.73E-04	2.00E-04	15.42
Department of Central Administration - Fleet	120657	FORD	AUTO	CROWN VICTORIA	2005	Gas	16027	1358.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.20E+01	2.36E-04	1.27E-04	12.01
Department of Central Administration - Fleet	120658	FORD	AUTO	CROWN VICTORIA	2005	Gas	17137	1538.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.36E+01	2.52E-04	1.35E-04	13.60
Department of Central Administration - Fleet	120659	FORD	AUTO	CROWN VICTORIA	2005	Gas	17510	1501.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.32E+01	2.57E-04	1.38E-04	13.28
Department of Central Administration - Fleet	120660	FORD	AUTO	CROWN VICTORIA	2005	Gas	11885	756.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.66E+00	1.75E-04	9.39E-05	6.70
Department of Central Administration - Fleet	120661	FORD	AUTO	CROWN VICTORIA	2005	Gas	16459	1031.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.09E+00	2.42E-04	1.30E-04	9.13
Department of Central Administration - Fleet	120651	FORD	AUTO	CROWN VICTORIA	2005	Gas	28218	2495.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.20E+01	4.15E-04	2.23E-04	22.07
Department of Central Administration - Fleet	120588	FORD	AUTO	CROWN VICTORIA	2005	Gas	12760	918.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.10E+00	1.88E-04	1.01E-04	8.13
Department of Central Administration - Fleet	120440	FORD	P/U	PU1/SP; F350 XL SD P/U, W/SNOW PLOW PREP PKG	2005	Diesel	27884	2127.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	2.16E+01	2.79E-05	4.18E-05	21.60
Department of Central Administration - Fleet	120441	FORD	P/U	PU1/SP; F350 XL SD P/U, W/SNOW PLOW PREP PKG	2005	Diesel	14202	1258.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.28E+01	1.42E-05	2.13E-05	12.78
Department of Central Administration - Fleet	120442	FORD	P/U	PU1/SP; F350 XL SD P/U, W/SNOW PLOW PREP PKG	2005	Diesel	13354	1171.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.19E+01	1.34E-05	2.00E-05	11.90
Department of Central Administration - Fleet	120443	FORD	P/U	PU1/SP; F350 XL SD P/U, W/SNOW PLOW PREP PKG	2005	Diesel	14835	1382.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.40E+01	1.48E-05	2.23E-05	14.04

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	120444	FORD	P/U	PU1/SP; F350 XL SD P/U, W/SNOW PLOW PREP PKG	2005	Diesel	14425	1317.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.34E+01	1.44E-05	2.16E-05	13.38
Department of Central Administration - Fleet	120445	FORD	P/U	PU1/SP; F350 XL SD P/U, W/SNOW PLOW PREP PKG	2005	Diesel	8918	779.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	7.91E+00	8.92E-06	1.34E-05	7.91
Department of Central Administration - Fleet	120446	FORD	P/U	PU1/SP; F350 XL SD P/U, W/SNOW PLOW PREP PKG	2005	Diesel	9243	717.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	7.29E+00	9.24E-06	1.39E-05	7.29
Department of Central Administration - Fleet	120447	FORD	P/U	PU1/SP; F350 XL SD P/U, W/SNOW PLOW PREP PKG	2005	Diesel	4237	433.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	4.40E+00	4.24E-06	6.36E-06	4.40
Department of Central Administration - Fleet	120642	FORD	AUTO	CROWN VICTORIA	2005	Gas	10732	793.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.99E+00	1.58E-04	8.48E-05	7.02
Department of Central Administration - Fleet	120587	FORD/LENCO	TRUCK	APC1; 4X4;	2005	Diesel	736	112.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.14E+00	3.75E-06	3.53E-06	1.14
Department of Central Administration - Fleet	120641	FORD	AUTO	CROWN VICTORIA	2005	Gas	26172	2432.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.14E+01	3.85E-04	2.07E-04	21.50
Department of Central Administration - Fleet	120595	CHEVROLET	SUV	SUV1; TAHOE, FULL SIZE UTILITY, SSP, 4X4	2005	Gas	34927	2372.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	2.09E+01	5.48E-04	3.53E-04	21.03
Department of Central Administration - Fleet	120596	KAWASAKI	ATV	ATV0/B; UTILITY TRUCK 4X4 MULE; BED	2005	Gas	135	37.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Other Small Utility	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	3.33E-01	1.89E-05	8.32E-06	0.34
Department of Central Administration - Fleet	120619	HONDA	AUTO	CIVIC, HYBRID, 4D	2005	Gas	12923	336.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	2.96E+00	1.36E-04	1.94E-04	3.02
Department of Central Administration - Fleet	Z42166	GM	P/U	PU0; COMPACT,EXT,6' BOD	1999	Gas	12161	702.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	6.19E+00	3.90E-04	6.86E-04	6.41
Department of Central Administration - Fleet	120637	FORD	AUTO	CROWN VICTORIA	2005	Gas	22190	2138.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.88E+01	3.26E-04	1.75E-04	18.90
Department of Central Administration - Fleet	120638	FORD	AUTO	CROWN VICTORIA	2005	Gas	11688	918.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.09E+00	1.72E-04	9.23E-05	8.12
Department of Central Administration - Fleet	120639	FORD	AUTO	CROWN VICTORIA	2005	Gas	12942	1072.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.45E+00	1.90E-04	1.02E-04	9.48
Department of Central Administration - Fleet	120247	FORD	VAN	TV0; FREESTAR MINIVAN	2005	Gas	28780	1708.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.50E+01	4.52E-04	2.91E-04	15.15
Department of Central Administration - Fleet	120448	FORD	P/U	PU1/SP; F350 XL SD, W/SNOW PLOW PREP PKG	2005	Diesel	20030	1530.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.55E+01	2.00E-05	3.00E-05	15.55
Department of Central Administration - Fleet	119273	EXMARK	SMEQP	MOWER; LAZER Z; 60" DECK, LZ27LKA604	2004	Gas	202	210.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Other Small Utility	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	1.86E+00	1.05E-04	4.64E-05	1.87
Department of Central Administration - Fleet	118882	FORD	AUTO	CROWN VICTORIA	2004	Gas	25772	2359.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	2.08E+01	3.74E-04	2.14E-04	20.86
Department of Central Administration - Fleet	118890	FORD	AUTO	CROWN VICTORIA	2004	Gas	23346	1892.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.67E+01	3.39E-04	1.94E-04	16.74
Department of Central Administration - Fleet	118947	GEHL	HVYEQ	WL4; LOADER; SKID STEER; 6635; HP;	2004	Diesel	145	131.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.33E+00	7.61E-05	3.41E-05	1.34
Department of Central Administration - Fleet	118964	FORD	AUTO	CROWN VICTORIA	2005	Gas	14906	1412.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.24E+01	2.19E-04	1.18E-04	12.49
Department of Central Administration - Fleet	118965	FORD	SUV	SUV1; EXCURSION	2003	Gas	25988	2222.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	1.96E+01	4.03E-04	2.96E-04	19.68
Department of Central Administration - Fleet	119155	FORD	SUV	SUV1; EXPLORER	2004	Gas	18700	1174.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2004	8.81	kg/gallon	B/C	0.0152	g/mile	B/C	0.0132	g/mile	B/C	1.04E+01	2.84E-04	2.47E-04	10.43
Department of Central Administration - Fleet	119181	HONDA	AUTO	ACCORD	2004	Gas	8723	376.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	3.32E+00	1.26E-04	7.24E-05	3.34
Department of Central Administration - Fleet	120249	FORD	VAN	TV0; FREESTAR MINIVAN	2005	Gas	27027	1873.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.65E+01	4.24E-04	2.73E-04	16.60
Department of Central Administration - Fleet	119184	NISSAN	AUTO	ALTIMA	2005	Gas	12957	648.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	5.72E+00	1.90E-04	1.02E-04	5.75
Department of Central Administration - Fleet	118538	KAWASAKI	ATV	ATV0/B; UTILITY TRUCK,MODEL 3010; 4X4 MULE; BED	2004	Gas	214	56.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Other Small Utility	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	4.94E-01	2.80E-05	1.23E-05	0.50
Department of Central Administration - Fleet	119297	YAMAHA	ATV	ATV0; 4WD GRIZZLY 660	2004	Gas	14	1.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Other Small Utility	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	1.15E-02	6.50E-07	2.86E-07	0.01
Department of Central Administration - Fleet	119404	CHEVROLET	AUTO	IMPALA	2004	Gas	21874	1023.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	9.02E+00	3.17E-04	1.82E-04	9.08
Department of Central Administration - Fleet	119816	FORD	VAN	TV1; VAN; E350 ECONOLINE SUPER CARGO	2005	Gas	6406	704.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	6.20E+00	1.01E-04	6.47E-05	6.23
Department of Central Administration - Fleet	119951	PIERCE	TRUCK	FTA1; TOWER; DASH; PLATFORM;	2005	Diesel	14501	6040.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	6.13E+01	7.40E-05	6.96E-05	61.34
Department of Central Administration - Fleet	120008	PIERCE	PUMPER	WTF1; ENGINE/TANKER; PUMPER; 7600; SBA 6X4	2006	Diesel	1992	10.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.05E-01	1.02E-05	9.56E-06	0.11
Department of Central Administration - Fleet	120010	PIERCE	TRUCK	BAS1; AIR UNIT; PIERCE; 4400;	2005	Diesel	378	44.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	4.55E-01	1.93E-06	1.81E-06	0.46
Department of Central Administration - Fleet	120186	CHEVROLET	AUTO	IMPALA	2005	Gas	21058	1159.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.02E+01	3.10E-04	1.66E-04	10.27
Department of Central Administration - Fleet	120187	CHEVROLET	AUTO	IMPALA	2005	Gas	11107	602.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	5.30E+00	1.63E-04	8.77E-05	5.34
Department of Central Administration - Fleet	119183	NISSAN	AUTO	ALTIMA	2005	Gas	39228	904.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	7.97E+00	5.77E-04	3.10E-04	8.08
Department of Central Administration - Fleet	118475	HUSTLER	TRACT	MOWER	2003	Diesel	193	185.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.88E+00	9.84E-07	9.26E-07	1.88
Department of Central Administration - Fleet	118435	FORD	AUTO	CROWN VICTORIA	2004	Gas	23102	2054.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.81E+01	3.35E-04	1.92E-04	18.17
Department of Central Administration - Fleet	118436	FORD	AUTO	CROWN VICTORIA	2004	Gas	28831	2851.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	2.51E+01	4.18E-04	2.39E-04	25.20
Department of Central Administration - Fleet	118437	FORD	AUTO	CROWN VICTORIA	2004	Gas	18507	1843.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.62E+01	2.68E-04	1.54E-04	16.29
Department of Central Administration - Fleet	118438	FORD	AUTO	CROWN VICTORIA	2004	Gas	20863	1493.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.32E+01	3.03E-04	1.73E-04	13.22
Department of Central Administration - Fleet	118439	FORD	AUTO	CROWN VICTORIA	2004	Gas	17827	1088	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	9.59E+00	2.58E-04	1.48E-04	9.64
Department of Central Administration - Fleet	118440	FORD	AUTO	CROWN VICTORIA	2004	Gas	15410	921	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	8.11E+00	2.23E-04	1.28E-04	8.16
Department of Central Administration - Fleet	118441	FORD	AUTO	CROWN VICTORIA	2004	Gas	13071	932.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	8.21E+00	1.90E-04	1.08E-04	8.25
Department of Central Administration - Fleet	118442	FORD	AUTO	CROWN VICTORIA	2004	Gas	19647	1278.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.13E+01	2.85E-04	1.63E-04	11.32
Department of Central Administration - Fleet	118540	TOYOTA	AUTO	CAMRY	2004	Gas	23736	957.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	8.43E+00	3.44E-04	1.97E-04	8.50
Department of Central Administration - Fleet	118474	YAMAHA	ATV	ATV0; 4WD	2004	Gas	97	40.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Other Small Utility	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	3.53E-01	2.01E-05	8.82E-06	0.36
Department of Central Administration - Fleet	118539	TOYOTA	AUTO	CAMRY	2004	Gas	11940	521.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	4.60E+00	1.73E-04	9.91E-05	4.63

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	118510	TORO	HVYEQ	MOWER, 580-D; 15' SWATH; GROUNDMASTER	2003	Diesel	170	622.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	6.31E+00	8.67E-07	8.16E-07	6.31
Department of Central Administration - Fleet	118517	CHEVROLET	P/U	PU0; COMPACT,REG,6' BOD	2004	Gas	4478	198.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2004	8.81	kg/gallon	B/C	0.0152	g/mile	B/C	0.0132	g/mile	B/C	1.75E+00	6.81E-05	5.91E-05	1.77
Department of Central Administration - Fleet	118518	FORD	P/U	PU2; FULL,REG,250,8' BOD,	2004	Diesel	10163	687	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	6.97E+00	1.02E-05	1.52E-05	6.98
Department of Central Administration - Fleet	118519	GM	VAN	TV0/1; FULL,CARGO,EXT,2500	2004	Gas	5804	499.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2004	8.81	kg/gallon	B/C	0.0152	g/mile	B/C	0.0132	g/mile	B/C	4.40E+00	8.82E-05	7.66E-05	4.42
Department of Central Administration - Fleet	118520	DODGE	VAN	TV0; VAN; COMPACT; CARGO; REG; CARAVAN;	2005	Gas	26106	1564.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.38E+01	4.10E-04	2.64E-04	13.87
Department of Central Administration - Fleet	118521	FORD	P/U	PU2/SP; FULL,REG,4X4,250,8' BOD,HITCH,PLOW	2004	Diesel	6494	527.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	5.35E+00	6.49E-06	9.74E-06	5.35
Department of Central Administration - Fleet	118522	FORD	P/U	PU1/4W; FULL,CREW,4X4,DRW,350,8' BOD,HITCH	2004	Diesel	6200	607.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	6.16E+00	6.20E-06	9.30E-06	6.17
Department of Central Administration - Fleet	120190	CHEVROLET	SUV	SUV0; EQUINOX LS SPORT UTIL	2005	Gas	4158	231.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	2.04E+00	6.53E-05	4.20E-05	2.05
Department of Central Administration - Fleet	118445	CATERPILLAR	HVYEQ	WL4; LOADER; SKID STEER; 227 MULTI-TERRAIN; HP;	2004	Diesel	153	234.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.38E+00	1.36E-04	6.11E-05	2.41
Department of Central Administration - Fleet	120231	FORD	AUTO	FIVE HUNDRED SE, 4D	2005	Gas	12767	655.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	5.78E+00	1.88E-04	1.01E-04	5.81
Department of Central Administration - Fleet	120188	CHEVROLET	AUTO	IMPALA	2005	Gas	19000	896.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	7.90E+00	2.79E-04	1.50E-04	7.95
Department of Central Administration - Fleet	120222	FORD	AUTO	FIVE HUNDRED SE, 4D	2005	Gas	8832	478.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	4.21E+00	1.30E-04	6.98E-05	4.24
Department of Central Administration - Fleet	120223	FORD	AUTO	FIVE HUNDRED SE, 4D	2005	Gas	17566	739.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.51E+00	2.58E-04	1.39E-04	6.56
Department of Central Administration - Fleet	120224	FORD	AUTO	FIVE HUNDRED SE, 4D	2005	Gas	10188	449	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	3.96E+00	1.50E-04	8.05E-05	3.98
Department of Central Administration - Fleet	120225	FORD	AUTO	FIVE HUNDRED SE, 4D	2005	Gas	14507	745.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.57E+00	2.13E-04	1.15E-04	6.61
Department of Central Administration - Fleet	120226	FORD	AUTO	FIVE HUNDRED SE, 4D	2005	Gas	16326	765.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.75E+00	2.40E-04	1.29E-04	6.79
Department of Central Administration - Fleet	120227	FORD	AUTO	FIVE HUNDRED SE, 4D	2005	Gas	14090	827.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	7.29E+00	2.07E-04	1.11E-04	7.33
Department of Central Administration - Fleet	120228	FORD	AUTO	FIVE HUNDRED SE, 4D	2005	Gas	19549	914.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.05E+00	2.87E-04	1.54E-04	8.11
Department of Central Administration - Fleet	120217	FORD	P/U	PU1/4W; F350 PICKUP 1 TON 4X4	2005	Diesel	7142	527.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	5.36E+00	7.14E-06	1.07E-05	5.36
Department of Central Administration - Fleet	120230	FORD	AUTO	FIVE HUNDRED SE, 4D	2005	Gas	10871	463.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	4.09E+00	1.60E-04	8.59E-05	4.12
Department of Central Administration - Fleet	120216	FORD	P/U	PU1/SP; F350 P/U,1 TON 4X4 W/SNOW PLOW PKG	2005	Diesel	4165	379.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	3.85E+00	4.17E-06	6.25E-06	3.85
Department of Central Administration - Fleet	120240	FORD	AUTO	CROWN VICTORIA	2004	Gas	20361	1239.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	1.09E+01	2.95E-04	1.69E-04	10.98
Department of Central Administration - Fleet	120241	FORD	P/U	PU3; F150, XL PICKUP	2005	Gas	931	256.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	2.26E+00	1.46E-05	9.40E-06	2.26
Department of Central Administration - Fleet	120242	FORD	AUTO	CROWN VICTORIA	2005	Gas	19640	1125	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.91E+00	2.89E-04	1.55E-04	9.97
Department of Central Administration - Fleet	120243	FORD	AUTO	CROWN VICTORIA	2005	Gas	19559	1216.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.07E+01	2.88E-04	1.55E-04	10.77
Department of Central Administration - Fleet	120244	FORD	AUTO	CROWN VICTORIA	2005	Gas	13960	854	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	7.52E+00	2.05E-04	1.10E-04	7.56
Department of Central Administration - Fleet	120245	FORD	AUTO	CROWN VICTORIA	2005	Gas	17822	1036.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.13E+00	2.62E-04	1.41E-04	9.18
Department of Central Administration - Fleet	120246	FORD	AUTO	CROWN VICTORIA	2005	Gas	24406	1558.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.37E+01	3.59E-04	1.93E-04	13.80
Department of Central Administration - Fleet	113201	DODGE	AUTO	INTREPID	2004	Gas	15088	811.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2004	8.81	kg/gallon	B/C	0.0145	g/mile	B/C	0.0083	g/mile	B/C	7.15E+00	2.19E-04	1.25E-04	7.19
Department of Central Administration - Fleet	120229	FORD	AUTO	FIVE HUNDRED SE, 4D	2005	Gas	28115	1130.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.96E+00	4.13E-04	2.22E-04	10.03
Department of Central Administration - Fleet	120204	FORD	P/U	PU2/4W; F250 SD XLT; CREW CAB PICK-UP; 4X4	2005	Diesel	13704	1072.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.09E+01	1.37E-05	2.06E-05	10.89
Department of Central Administration - Fleet	120248	FORD	VAN	TV0; FREESTAR MINIVAN	2005	Gas	8160	542.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	4.78E+00	2.62E-04	4.60E-04	4.92
Department of Central Administration - Fleet	120191	CHEVROLET	SUV	SUV0; EQUINOX LS SPORT UTIL	2005	Gas	4771	269.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	2.37E+00	7.49E-05	4.82E-05	2.39
Department of Central Administration - Fleet	120192	CHEVROLET	SUV	SUV0; EQUINOX LS SPORT UTIL	2005	Gas	10721	597.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.27E+00	1.68E-04	1.08E-04	5.30
Department of Central Administration - Fleet	120193	CHEVROLET	SUV	SUV0; EQUINOX LS SPORT UTIL	2005	Gas	4220	245.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	2.16E+00	6.63E-05	4.26E-05	2.18
Department of Central Administration - Fleet	120197	FORD	AUTO	CROWN VICTORIA	2005	Gas	6495	396.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	3.49E+00	9.55E-05	5.13E-05	3.51
Department of Central Administration - Fleet	120198	FORD	AUTO	CROWN VICTORIA	2005	Gas	26319	1514.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.33E+01	3.87E-04	2.08E-04	13.41
Department of Central Administration - Fleet	120199	FORD	AUTO	CROWN VICTORIA	2005	Gas	17604	1126.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.92E+00	2.59E-04	1.39E-04	9.97
Department of Central Administration - Fleet	120200	FORD	AUTO	CROWN VICTORIA	2005	Gas	17962	1075.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.47E+00	2.64E-04	1.42E-04	9.52
Department of Central Administration - Fleet	120221	FORD	AUTO	FIVE HUNDRED SE, 4D	2005	Gas	6767	332.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.93E+00	9.95E-05	5.35E-05	2.95
Department of Central Administration - Fleet	120202	FORD	AUTO	CROWN VICTORIA	2005	Gas	11534	699.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.16E+00	1.70E-04	9.11E-05	6.19
Department of Central Administration - Fleet	120189	CHEVROLET	AUTO	IMPALA	2005	Gas	8267	417.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	3.68E+00	1.22E-04	6.53E-05	3.70
Department of Central Administration - Fleet	120205	FORD	P/U	PU2/4W; F250 SD XLT; CREW CAB PICK-UP; 4X4	2005	Diesel	22631	1649.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.67E+01	2.26E-05	3.39E-05	16.75
Department of Central Administration - Fleet	120206	FORD	P/U	PU2/4W; F250 SD XLT; CREW CAB PICK-UP; 4X4	2005	Diesel	18345	1378.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.40E+01	1.83E-05	2.75E-05	14.00
Department of Central Administration - Fleet	120209	FORD	P/U	PU1/4W; F350 PICKUP 1 TON 4X4	2005	Diesel	8934	798.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	8.10E+00	8.93E-06	1.34E-05	8.11
Department of Central Administration - Fleet	120210	FORD	P/U	PU1/4W; F350 PICKUP 1 TON 4X4	2005	Diesel	9587	886.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	8.99E+00	9.59E-06	1.44E-05	9.00
Department of Central Administration - Fleet	120211	FORD	P/U	PU1/4W; F350 PICKUP 1 TON 4X4	2005	Diesel	6445	568	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	5.77E+00	6.45E-06	9.67E-06	5.77
Department of Central Administration - Fleet	120213	FORD	P/U	PU1/4W; F350 XL, CREW CAB, 1 TON 4X4	2005	Diesel	17101	1461.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.48E+01	1.71E-05	2.57E-05	14.84

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	120214	FORD	P/U	PU1/4W; F350 XL, CREW CAB, 1TON 4X4	2005	Diesel	2274	209.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	2.13E+00	2.27E-06	3.41E-06	2.13
Department of Central Administration - Fleet	120215	FORD	P/U	PU1/4W; F350 XL, CREW CAB, P/U, 1 TON 4X4	2005	Diesel	12138	1105.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.12E+01	1.21E-05	1.82E-05	11.23
Department of Central Administration - Fleet	120201	FORD	AUTO	CROWN VICTORIA	2005	Gas	30162	1841.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.62E+01	4.43E-04	2.38E-04	16.31
Department of Central Administration - Fleet	107988	FORD	AUTO	CROWN VICTORIA	2000	Gas	10147	851.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	7.50E+00	1.81E-04	2.77E-04	7.59
Department of Central Administration - Fleet	107972	FORD	AUTO	CROWN VICTORIA	2000	Gas	24243	2453.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	2.16E+01	4.32E-04	6.62E-04	21.83
Department of Central Administration - Fleet	107973	FORD	AUTO	CROWN VICTORIA	2000	Gas	14646	1449.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.28E+01	2.61E-04	4.00E-04	12.90
Department of Central Administration - Fleet	107976	FORD	AUTO	CROWN VICTORIA	2000	Gas	13208	1334.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.18E+01	2.35E-04	3.61E-04	11.87
Department of Central Administration - Fleet	107977	FORD	AUTO	CROWN VICTORIA	2000	Gas	2120	190.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.68E+00	3.77E-05	5.79E-05	1.69
Department of Central Administration - Fleet	107978	FORD	AUTO	CROWN VICTORIA	2000	Gas	10095	1031.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	9.09E+00	1.80E-04	2.76E-04	9.18
Department of Central Administration - Fleet	107981	FORD	AUTO	CROWN VICTORIA	2000	Gas	4443	305.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	2.69E+00	7.91E-05	1.21E-04	2.73
Department of Central Administration - Fleet	107983	FORD	AUTO	CROWN VICTORIA	2000	Gas	13484	879.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	7.75E+00	2.40E-04	3.68E-04	7.87
Department of Central Administration - Fleet	108097	CHEVROLET	SUV	SUV1; FULL,4DR,4W,2500 SUBURBAN	2000	Gas	8192	823.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	7.26E+00	2.83E-04	5.09E-04	7.42
Department of Central Administration - Fleet	107985	FORD	AUTO	CROWN VICTORIA	2000	Gas	5656	589.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	5.19E+00	1.01E-04	1.54E-04	5.24
Department of Central Administration - Fleet	107964	FORD	AUTO	CROWN VICTORIA	2000	Gas	8896	630.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	5.55E+00	1.58E-04	2.43E-04	5.63
Department of Central Administration - Fleet	107996	FORD	AUTO	CROWN VICTORIA	2000	Gas	26658	1427.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.26E+01	4.75E-04	7.28E-04	12.81
Department of Central Administration - Fleet	107997	FORD	AUTO	CROWN VICTORIA	2000	Gas	26046	1701.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.50E+01	4.64E-04	7.11E-04	15.22
Department of Central Administration - Fleet	107999	FORD	AUTO	CROWN VICTORIA	2000	Gas	11714	857.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	7.55E+00	2.09E-04	3.20E-04	7.66
Department of Central Administration - Fleet	108000	FORD	AUTO	CROWN VICTORIA	2000	Gas	6135	562.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	4.95E+00	1.09E-04	1.67E-04	5.01
Department of Central Administration - Fleet	108002	FORD	AUTO	CROWN VICTORIA	2000	Gas	14633	976.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	8.60E+00	2.60E-04	3.99E-04	8.73
Department of Central Administration - Fleet	108065	CHRYSLER	AUTO	CONCORDE	1998	Gas	514	40.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars -1998	8.81	kg/gallon	B/C	0.0249	g/mile	B/C	0.0393	g/mile	B/C	3.60E-01	1.28E-05	2.02E-05	0.37
Department of Central Administration - Fleet	108067H	FORD	BUS	TB0; BUS; 16 PASSENGER CUTAWAY	2000	Diesel	9611	3141	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.19E+01	4.90E-05	4.61E-05	31.90
Department of Central Administration - Fleet	113204	CHEVROLET	C&C	UT1; CREW,DRW,350,96" UTILITY,HITCH,PLOW	2002	Diesel	7883	807.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.20E+00	4.68E-04	2.10E-04	8.27
Department of Central Administration - Fleet	107984	FORD	AUTO	CROWN VICTORIA	2000	Gas	4614	300.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	2.64E+00	8.21E-05	1.26E-04	2.68
Department of Central Administration - Fleet	107859	CHEVROLET	C&C	UT1; REG,3500,8', UTILITY,HITCH	2000	Diesel	6546	462.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.69E+00	2.68E-04	1.20E-04	4.73
Department of Central Administration - Fleet	106696	FORD	SUV	SUV1; EXPLORER	2000	Gas	7125	459.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	4.05E+00	2.47E-04	4.42E-04	4.19
Department of Central Administration - Fleet	106697	FORD	SUV	SUV1; EXPLORER	2000	Gas	10438	667.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	5.88E+00	3.61E-04	6.48E-04	6.09
Department of Central Administration - Fleet	106833	FORD	VAN	TV3; COMPACT,7 PASS,WINDSTAR	1999	Gas	5733	353.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	3.11E+00	1.84E-04	3.23E-04	3.22
Department of Central Administration - Fleet	106874H	CHEVROLET	AUTO	MALIBU	1999	Gas	13047	830.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1999	8.81	kg/gallon	B/C	0.0216	g/mile	B/C	0.0337	g/mile	B/C	7.32E+00	2.82E-04	4.40E-04	7.46
Department of Central Administration - Fleet	107210	GM	TRUCK	BBT4; REG, 36 GW, FORESTRY CONV, AERIAL LIFT	2000	Diesel	8015	2065.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.10E+01	4.09E-05	3.85E-05	20.98
Department of Central Administration - Fleet	107211	GM	TRUCK	BBT4; REG, 36 GW, FORESTRY CONV, AERIAL LIFT	2000	Diesel	7686	1956.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.99E+01	3.92E-05	3.69E-05	19.87
Department of Central Administration - Fleet	107296H	FORD	BUS	TB0/WC; BUS; 16 PASSENGER w/WHEELCHAIR	2000	Diesel	10165	3322.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.37E+01	5.18E-05	4.88E-05	33.74
Department of Central Administration - Fleet	107349	PIERCE	PUMPER	EFP1; PUMPER	2000	Diesel	31036	76.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	7.80E-01	1.58E-04	1.49E-04	0.83
Department of Central Administration - Fleet	107970	FORD	AUTO	CROWN VICTORIA	2000	Gas	12117	1195.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.05E+01	2.16E-04	3.31E-04	10.64
Department of Central Administration - Fleet	107855	CHEVROLET	AUTO	MALIBU	2000	Gas	10638	448.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	3.95E+00	1.89E-04	2.90E-04	4.05
Department of Central Administration - Fleet	107969	FORD	AUTO	CROWN VICTORIA	2000	Gas	16426	1807.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.59E+01	2.92E-04	4.48E-04	16.07
Department of Central Administration - Fleet	107860	CHEVROLET	C&C	UT1; REG,DRW,3500,9', UTILITY,HITCH,TANK	2000	Diesel	12904	1386.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.41E+01	8.04E-04	3.61E-04	14.20
Department of Central Administration - Fleet	107862	CHEVROLET	C&C	UT1; REG,3500,8', UTILITY,HITCH	2000	Diesel	11444	1110.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.13E+01	6.44E-04	2.89E-04	11.38
Department of Central Administration - Fleet	107863	FORD	AUTO	CROWN VICTORIA	2000	Gas	14406	856.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	7.55E+00	2.56E-04	3.93E-04	7.67
Department of Central Administration - Fleet	107864	FORD	AUTO	CROWN VICTORIA	2000	Gas	17391	892.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	7.86E+00	3.10E-04	4.75E-04	8.01
Department of Central Administration - Fleet	107865	FORD	AUTO	CROWN VICTORIA	2000	Gas	6546	359.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	3.17E+00	1.17E-04	1.79E-04	3.22
Department of Central Administration - Fleet	107951	FORD	AUTO	CROWN VICTORIA	2000	Gas	7829	619.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	5.46E+00	1.39E-04	2.14E-04	5.53
Department of Central Administration - Fleet	107959	FORD	AUTO	CROWN VICTORIA	2000	Gas	5285	500.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	4.41E+00	9.41E-05	1.44E-04	4.46
Department of Central Administration - Fleet	108099	CHEVROLET	SUV	SUV1; SUBURBAN	2000	Gas	15645	997.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	8.79E+00	5.41E-04	9.72E-04	9.10
Department of Central Administration - Fleet	107350	PIERCE	PUMPER	EFP1; PUMPER; DASH; 750 GAL.;	2000	Diesel	8365	1884.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.91E+01	4.27E-05	4.02E-05	19.14
Department of Central Administration - Fleet	108262	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	4247	844.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.57E+00	4.90E-04	2.20E-04	8.65
Department of Central Administration - Fleet	108253	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	8256	1466.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.49E+01	8.51E-04	3.81E-04	15.03
Department of Central Administration - Fleet	108254	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	4407	1115.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.13E+01	6.47E-04	2.90E-04	11.43

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	108255	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	8978	1794.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.82E+01	1.04E-03	4.67E-04	18.38
Department of Central Administration - Fleet	108256	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	7893	1501.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.52E+01	8.71E-04	3.90E-04	15.38
Department of Central Administration - Fleet	108257	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	5043	1252.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.27E+01	7.26E-04	3.26E-04	12.83
Department of Central Administration - Fleet	108258	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	5225	1287.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.31E+01	7.47E-04	3.35E-04	13.18
Department of Central Administration - Fleet	108259	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	2001	Diesel	2667	733.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	7.44E+00	4.25E-04	1.91E-04	7.51
Department of Central Administration - Fleet	108068H	FORD	BUS	TB0; BUS; 16 PASSENGER CUTAWAY	2000	Diesel	9590	3134.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.18E+01	4.89E-05	4.60E-05	31.83
Department of Central Administration - Fleet	108261	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	2001	Diesel	3717	901.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	9.15E+00	5.23E-04	2.34E-04	9.23
Department of Central Administration - Fleet	108250	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	2905	672.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	6.83E+00	3.90E-04	1.75E-04	6.89
Department of Central Administration - Fleet	108263	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	5319	1101.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.12E+01	6.39E-04	2.86E-04	11.28
Department of Central Administration - Fleet	108264	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	2780	680.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	6.91E+00	3.95E-04	1.77E-04	6.97
Department of Central Administration - Fleet	108265	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	2001	Diesel	4607	987.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.00E+01	5.73E-04	2.57E-04	10.11
Department of Central Administration - Fleet	108266	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	2001	Diesel	5047	1059.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.08E+01	6.15E-04	2.75E-04	10.85
Department of Central Administration - Fleet	108267	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	2001	Diesel	9264	2252.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.29E+01	1.31E-03	5.86E-04	23.07
Department of Central Administration - Fleet	108268	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	2001	Diesel	3314	1868.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.90E+01	1.08E-03	4.86E-04	19.14
Department of Central Administration - Fleet	108269	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	2001	Diesel	6606	1882.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.91E+01	1.09E-03	4.89E-04	19.28
Department of Central Administration - Fleet	108270	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	2001	Diesel	4918	1005.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.02E+01	5.83E-04	2.61E-04	10.30
Department of Central Administration - Fleet	108260	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	2001	Diesel	4330	1007.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.02E+01	5.85E-04	2.62E-04	10.32
Department of Central Administration - Fleet	108179	FORD	P/U	PU2; FULL,REG,250,8' BOD	2000	Diesel	7561	544.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	5.53E+00	7.56E-06	1.13E-05	5.53
Department of Central Administration - Fleet	108100	FORD	TRUCK	BBT4; REG, 15 GW,450,11' UTIL,30' AERIAL LIFT CONV	2000	Diesel	5153	726.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	7.38E+00	2.63E-05	2.47E-05	7.38
Department of Central Administration - Fleet	108121	DODGE	VAN	TV2; FULL, 15 PASS, EXT, 3500, HITCH	2000	Gas	4157	350.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	3.09E+00	1.44E-04	2.58E-04	3.17
Department of Central Administration - Fleet	108122	DODGE	VAN	TV2; FULL, 12 PASS, REG, 2500	2000	Gas	4469	343.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	3.03E+00	1.55E-04	2.78E-04	3.12
Department of Central Administration - Fleet	108123	DODGE	VAN	TV2; FULL,12 PASS,REG,PRISONER CONV	2000	Gas	1226	117.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	1.04E+00	4.24E-05	7.61E-05	1.06
Department of Central Administration - Fleet	108124	DODGE	P/U	PU2/4W; FULL,REG,4W,2500,8' BOD,HITCH	2001	Diesel	11528	880.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	8.94E+00	1.15E-05	1.73E-05	8.94
Department of Central Administration - Fleet	108125	DODGE	P/U	PU2/4W; FULL,REG,4W,2500,8' BOD	2001	Diesel	5502	536.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	5.44E+00	5.50E-06	8.25E-06	5.44
Department of Central Administration - Fleet	108126	DODGE	P/U	PU0/4W; COMPACT,REG,4W,6' BOD	2000	Gas	8066	574.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	5.06E+00	2.79E-04	5.01E-04	5.22
Department of Central Administration - Fleet	108127	DODGE	P/U	PU0/4W; COMPACT,REG,4W,6' BOD	2000	Gas	5241	329.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	2.90E+00	1.81E-04	3.25E-04	3.01
Department of Central Administration - Fleet	108252	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	6985	1272.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.29E+01	7.38E-04	3.31E-04	13.03
Department of Central Administration - Fleet	108178	FORD	P/U	PU2; FULL,REG,250,8' BOD	2000	Diesel	9185	654.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	6.64E+00	9.19E-06	1.38E-05	6.65
Department of Central Administration - Fleet	108251	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	6685	1371.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.39E+01	7.95E-04	3.57E-04	14.05
Department of Central Administration - Fleet	108180	CHEVROLET	C&C	UT1; REG,DRW,3500,9', UTILITY,HITCH	2001	Diesel	13810	1251.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.27E+01	7.26E-04	3.25E-04	12.82
Department of Central Administration - Fleet	108181	CHEVROLET	C&C	UT1/0;REG,DRW,3500,9', UTILITY,60" PANEL TOP,HITCH	2001	Diesel	8526	994.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.01E+01	5.77E-04	2.59E-04	10.19
Department of Central Administration - Fleet	108229	JEEP	SUV	SUV0; COMPACT,4DR,4W,CHEROKEE	2001	Gas	10077	737.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	6.49E+00	1.52E-04	1.65E-04	6.55
Department of Central Administration - Fleet	108230	JEEP	SUV	SUV0; COMPACT,4DR,4W,CHEROKEE	2001	Gas	5249	393.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	3.47E+00	7.93E-05	8.61E-05	3.50
Department of Central Administration - Fleet	108231	INTERNATIONAL	TRUCK	ST1; REG,26 GW,14' FLAT	2001	Diesel	575	102.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.04E+00	2.93E-06	2.76E-06	1.04
Department of Central Administration - Fleet	108232	INTERNATIONAL	TRUCK	ST1; CREW,26 GW,14' FLAT,COMPRESSOR CONV	2001	Diesel	2186	417.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	4.23E+00	1.11E-05	1.05E-05	4.24
Department of Central Administration - Fleet	108249	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	6565	1463.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.49E+01	8.49E-04	3.81E-04	14.99
Department of Central Administration - Fleet	106636	CHEVROLET	P/U	PU2/SP; FULL,EXT,4W,2500,8' BOD,PLOW,SPRD,HITCH	2000	Diesel	3866	299.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	3.04E+00	3.87E-06	5.80E-06	3.05
Department of Central Administration - Fleet	108169	FORD	P/U	PU0; COMPACT,EXT,6' BOD	2000	Gas	9960	711.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	6.27E+00	3.45E-04	6.19E-04	6.47

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CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	105708	FORD	P/U	PU1/4W; FULL,CREW,4X4,DRW,F350,8' BOD,HITCH	1999	Diesel	6461	632.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	6.42E+00	6.46E-06	9.69E-06	6.42
Department of Central Administration - Fleet	105695	CHRYSLER	SUV	SUV0; COMPACT,4DR,4W,CHEROKEE	1999	Gas	14724	992.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	8.74E+00	4.73E-04	8.30E-04	9.01
Department of Central Administration - Fleet	105696	FORD	P/U	PU3/4W; FULL,REG,4W,150,6' BOD	1999	Gas	8567	658.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	5.80E+00	2.75E-04	4.83E-04	5.95
Department of Central Administration - Fleet	105697	FORD	P/U	PU3/4W; FULL,REG,4W,150,6' BOD	1999	Gas	10047	788.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	6.94E+00	3.23E-04	5.67E-04	7.13
Department of Central Administration - Fleet	105701	FORD	P/U	PU3/4W; FULL,REG,4W,150,6' BOD	1999	Gas	4768	479.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	4.22E+00	1.53E-04	2.69E-04	4.31
Department of Central Administration - Fleet	105702	FORD	P/U	PU3/4W; FULL,REG,4W,150,6' BOD	1999	Gas	2228	168.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.49E+00	7.15E-05	1.26E-04	1.53
Department of Central Administration - Fleet	105703	FORD	P/U	PU2/4W; FULL,EXT,4X4,250,8' BOD	1999	Diesel	7669	700.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	7.11E+00	7.67E-06	1.15E-05	7.11
Department of Central Administration - Fleet	105704	FORD	P/U	PU2/4W; FULL,EXT,4X4 ,F250,8' BOD,HITCH	1999	Diesel	5706	447.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	4.54E+00	5.71E-06	8.56E-06	4.54
Department of Central Administration - Fleet	106639	OLDSMOBILE	AUTO	INTRIGUE	1998	Gas	3860	177.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars -1998	8.81	kg/gallon	B/C	0.0249	g/mile	B/C	0.0393	g/mile	B/C	1.56E+00	9.61E-05	1.52E-04	1.61
Department of Central Administration - Fleet	105707	FORD	P/U	PU1/4W; FULL,CREW,4X4,DRW,F350,8' BOD,HITCH	1999	Diesel	9890	1123.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.14E+01	9.89E-06	1.48E-05	11.41
Department of Central Administration - Fleet	105682	FORD	P/U	PU0; COMPACT,EXT,6' BOD	1999	Gas	7461	489.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	4.32E+00	2.39E-04	4.21E-04	4.45
Department of Central Administration - Fleet	105709	FORD	P/U	PU1/4W; FULL,CREW,4X4,DRW,350,8' BOD,PLOW,HITCH	1999	Diesel	12122	1146.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.16E+01	1.21E-05	1.82E-05	11.65
Department of Central Administration - Fleet	105723	FORD	C&C	UT1; REG,350,8', UTILITY	1999	Diesel	9236	903.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	9.17E+00	5.24E-04	2.35E-04	9.25
Department of Central Administration - Fleet	105724	FORD	C&C	UT1; REG,350,8', UTILITY	1999	Diesel	9387	959.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	9.74E+00	5.57E-04	2.50E-04	9.83
Department of Central Administration - Fleet	105725	FORD	C&C	UT1; REG,350,8', UTILITY	1999	Diesel	16923	1298.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.32E+01	7.53E-04	3.38E-04	13.30
Department of Central Administration - Fleet	105727	FORD	C&C	UT1; REG,350,8', UTILITY	1999	Diesel	14056	1210.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.23E+01	7.02E-04	3.15E-04	12.40
Department of Central Administration - Fleet	105728	FORD	C&C	UT1; REG,350,8', UTILITY	1999	Diesel	10942	886.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.99E+00	5.14E-04	2.30E-04	9.08
Department of Central Administration - Fleet	105731	FORD	DUMP	1 TON F350 DRW 9" DUMP BODY W/PLOW, SPRD 8 CYL	1999	Diesel	4171	466.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.74E+00	2.71E-04	1.21E-04	4.78
Department of Central Administration - Fleet	105734	FORD	VAN	TV0/1; FULL,CARGO,REG,250	1999	Gas	11503	1082.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	9.54E+00	3.69E-04	6.49E-04	9.75
Department of Central Administration - Fleet	105705	FORD	P/U	PU2/4W; FULL,EXT,4X4,F250,8' BOD,HITCH	1999	Diesel	10001	800.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	8.13E+00	1.00E-05	1.50E-05	8.13
Department of Central Administration - Fleet	105432	FORD	AUTO	CROWN VICTORIA	1999	Gas	8335	567.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1999	8.81	kg/gallon	B/C	0.0216	g/mile	B/C	0.0337	g/mile	B/C	5.00E+00	1.80E-04	2.81E-04	5.09
Department of Central Administration - Fleet	104890	CHEVROLET	DUMP	1 TON 3500 DRW 8.5' DUMP BODY W/PLOW, SPRD 8 CYL	1999	Diesel	1090	111.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.13E+00	6.44E-05	2.89E-05	1.14
Department of Central Administration - Fleet	104922	FORD	SUV	SUV1; EXPLORER	1999	Gas	14734	1035.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	9.13E+00	4.73E-04	8.31E-04	9.39
Department of Central Administration - Fleet	105067	INTERNATIONAL	AMBULANCE	AMB2; AMBULANCE; 2000 INT'L; 4700	2000	Diesel	6981	1077.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.09E+01	3.56E-05	3.35E-05	10.95
Department of Central Administration - Fleet	105211	FORD	AUTO	CROWN VICTORIA	1999	Gas	12475	891.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1999	8.81	kg/gallon	B/C	0.0216	g/mile	B/C	0.0337	g/mile	B/C	7.86E+00	2.69E-04	4.20E-04	7.99
Department of Central Administration - Fleet	105227	CHEVROLET	VAN	ST3/PT; STEP VAN,14 GW,18' BOX,TACTICAL CONV	1999	Gas	1796	343.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	3.02E+00	5.77E-05	1.01E-04	3.05
Department of Central Administration - Fleet	105408	FORD	AUTO	CROWN VICTORIA	1999	Gas	27888	582.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1999	8.81	kg/gallon	B/C	0.0216	g/mile	B/C	0.0337	g/mile	B/C	5.13E+00	6.02E-04	9.40E-04	5.44
Department of Central Administration - Fleet	105411	FORD	AUTO	CROWN VICTORIA	1999	Gas	11924	846.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1999	8.81	kg/gallon	B/C	0.0216	g/mile	B/C	0.0337	g/mile	B/C	7.46E+00	2.58E-04	4.02E-04	7.59
Department of Central Administration - Fleet	105421	FORD	AUTO	CROWN VICTORIA	1999	Gas	9643	637.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1999	8.81	kg/gallon	B/C	0.0216	g/mile	B/C	0.0337	g/mile	B/C	5.61E+00	2.08E-04	3.25E-04	5.72
Department of Central Administration - Fleet	105686	FORD	P/U	PU0; COMPACT,EXT,6' BOD	1999	Gas	8636	478.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	4.21E+00	2.77E-04	4.87E-04	4.37
Department of Central Administration - Fleet	105426	FORD	AUTO	CROWN VICTORIA	1999	Gas	11960	889.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1999	8.81	kg/gallon	B/C	0.0216	g/mile	B/C	0.0337	g/mile	B/C	7.83E+00	2.58E-04	4.03E-04	7.96
Department of Central Administration - Fleet	105685	FORD	P/U	PU0; COMPACT,EXT,6' BOD	1999	Gas	4112	259.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	2.28E+00	1.32E-04	2.32E-04	2.36
Department of Central Administration - Fleet	105433	FORD	AUTO	CROWN VICTORIA	1999	Gas	9273	610.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1999	8.81	kg/gallon	B/C	0.0216	g/mile	B/C	0.0337	g/mile	B/C	5.38E+00	2.00E-04	3.13E-04	5.48
Department of Central Administration - Fleet	105498	FORD	AUTO	CROWN VICTORIA	2000	Gas	9693	664.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	5.86E+00	1.73E-04	2.65E-04	5.94
Department of Central Administration - Fleet	105499	FORD	AUTO	CROWN VICTORIA	2000	Gas	8865	499.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	4.40E+00	1.58E-04	2.42E-04	4.48
Department of Central Administration - Fleet	105500	FORD	AUTO	CROWN VICTORIA	1999	Gas	4786	293.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1999	8.81	kg/gallon	B/C	0.0216	g/mile	B/C	0.0337	g/mile	B/C	2.58E+00	1.03E-04	1.61E-04	2.64
Department of Central Administration - Fleet	105536	CHEVROLET	SUV	SUV1; FULL,4DR,4W,2500 SUBURBAN	1999	Diesel	2013	160.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.63E+00	2.01E-06	3.02E-06	1.63
Department of Central Administration - Fleet	105537	CHEVROLET	SUV	SUV1; FULL,4DR,4W,2500 SUBURBAN	1999	Diesel	4254	319.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	3.24E+00	4.25E-06	6.38E-06	3.24
Department of Central Administration - Fleet	105680	FORD	P/U	PU0; COMPACT,EXT,6' BOD,CAP	1999	Gas	3348	250.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	2.21E+00	1.07E-04	1.89E-04	2.27
Department of Central Administration - Fleet	105740	FORD	VAN	TV0/1; FULL,CARGO,REG,250	1999	Gas	6550	714.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	6.29E+00	2.10E-04	3.69E-04	6.41
Department of Central Administration - Fleet	105424	FORD	AUTO	CROWN VICTORIA	1999	Gas	6697	460.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1999	8.81	kg/gallon	B/C	0.0216	g/mile	B/C	0.0337	g/mile	B/C	4.06E+00	1.45E-04	2.26E-04	4.13
Department of Central Administration - Fleet	106625	INTERNATIONAL	DUMP	DTN3;REG,26 GW,8' BOD,CVR,PLW,SPD,HTH,T-BOX; 7CY	2000	Diesel	4485	907.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	9.21E+00	5.26E-04	2.36E-04	9.29
Department of Central Administration - Fleet	105735	FORD	VAN	TV0/1; FULL,CARGO,REG,250	1999	Gas	8278	1006.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	8.86E+00	2.66E-04	4.67E-04	9.01
Department of Central Administration - Fleet	106001	GM	P/U	PU2/4W; FULL,EXT,4W,2500,8' BOD	1998	Diesel	3532	245	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	2.49E+00	3.53E-06	5.30E-06	2.49
Department of Central Administration - Fleet	106287	CHEVROLET	AUTO	MALIBU	1998	Gas	2173	119.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars -1998	8.81	kg/gallon	B/C	0.0249	g/mile	B/C	0.0393	g/mile	B/C	1.05E+00	5.41E-05	8.54E-05	1.08
Department of Central Administration - Fleet	106507	TORO	HVYEQ	MOWER; 580-D; 15'	1999	Diesel	56	123.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.26E+00	2.86E-07	2.69E-07	1.26

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	106508	GM	P/U	PU3; FULL,REG,1500,8' BOD	1998	Gas	5923	318.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1998	8.81	kg/gallon	B/C	0.0391	g/mile	B/C	0.0728	g/mile	B/C	2.81E+00	2.32E-04	4.31E-04	2.95
Department of Central Administration - Fleet	106511	INTERNATIONAL	AMBULANCE	AMB2; AMBULANCE; FIRE; INT'L; HORTON; 4700	2000	Diesel	9511	677.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	6.88E+00	4.85E-05	4.57E-05	6.89
Department of Central Administration - Fleet	106512	INTERNATIONAL	AMBULANCE	AMB2; AMBULANCE CONV; HORTON; 4700	2000	Diesel	11692	968.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	9.83E+00	5.96E-05	5.61E-05	9.85
Department of Central Administration - Fleet	106530	DODGE	VAN	TV0; RAM VAN (CONFISCATED)	1989	Gas	174	20.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1987-1993	8.81	kg/gallon	B/C	0.0813	g/mile	B/C	0.1035	g/mile	B/C	1.80E-01	1.41E-05	1.80E-05	0.19
Department of Central Administration - Fleet	105822	FORD	VAN	TV0/1; FULL,CARGO,REG,250,PRISONER CONV	1999	Gas	6731	642.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	5.66E+00	2.16E-04	3.80E-04	5.79
Department of Central Administration - Fleet	106619H	CHEVROLET	AUTO	MALIBU	1998	Gas	3084	171.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars -1998	8.81	kg/gallon	B/C	0.0249	g/mile	B/C	0.0393	g/mile	B/C	1.51E+00	7.68E-05	1.21E-04	1.55
Department of Central Administration - Fleet	105821	FORD	VAN	TV0/1; FULL,CARGO,REG,250,FULL GLASS	1999	Gas	14039	1260.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.11E+01	4.51E-04	7.92E-04	11.36
Department of Central Administration - Fleet	106626	INTERNATIONAL	DUMP	DTN3;REG,26 GW,8' BOD,CVR,PLW,SPD,HTH,T-BOX; 7CY	2000	Diesel	5007	903	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	9.17E+00	5.24E-04	2.35E-04	9.25
Department of Central Administration - Fleet	106627	INTERNATIONAL	DUMP	DTN3;REG,26 GW,8' BOD,CVR,PLW,SPD,HTH,T-BOX; 7CY	2000	Diesel	4252	764.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	7.76E+00	4.43E-04	1.99E-04	7.83
Department of Central Administration - Fleet	106628	INTERNATIONAL	DUMP	DTN3;REG,26 GW,8' BOD,CVR,PLW,SPD,HTH,T-BOX; 7CY	2000	Diesel	8042	1282.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.30E+01	7.44E-04	3.33E-04	13.13
Department of Central Administration - Fleet	106629	INTERNATIONAL	DUMP	DTN3;REG,26 GW,8' BOD,CVR,PLW,SPD,HTH,T-BOX; 7CY	2000	Diesel	10098	1646.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.67E+01	9.55E-04	4.28E-04	16.86
Department of Central Administration - Fleet	106630	INTERNATIONAL	DUMP	DTN3;REG,26 GW,8' BOD,CVR,PLW,SPD,HTH,T-BOX; 7CY	2000	Diesel	4688	900.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	9.14E+00	5.22E-04	2.34E-04	9.23
Department of Central Administration - Fleet	106631	INTERNATIONAL	DUMP	DTN3;REG,26 GW,8' BOD,CVR,PLW,SPD,HTH,T-BOX; 7CY	2000	Diesel	4393	823.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.36E+00	4.78E-04	2.14E-04	8.44
Department of Central Administration - Fleet	106632	INTERNATIONAL	DUMP	DTN3;REG,26 GW,8' BOD,CVR,PLW,SPD,HTH,T-BOX; 7CY	2000	Diesel	4641	861.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.74E+00	5.00E-04	2.24E-04	8.82
Department of Central Administration - Fleet	108297	PIERCE	PUMPER	EFP1; PUMPER; DASH(R)-2000; 750 GAL.;	2001	Diesel	9987	1177.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.20E+01	5.09E-05	4.79E-05	11.97
Department of Central Administration - Fleet	106577	CHEVROLET	P/U	PU0; COMPACT,REG,6.5' BOD	2000	Gas	3495	221.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	1.95E+00	1.21E-04	2.17E-04	2.02
Department of Central Administration - Fleet	105752	FORD	VAN	TV0/1; COMPACT,CARGO,WINDSTAR,FULL GLASS	1999	Gas	5033	350.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	3.09E+00	1.62E-04	2.84E-04	3.18
Department of Central Administration - Fleet	106637	CHEVROLET	P/U	PU0/4W; COMPACT,EXT,4W,6' BOD	2000	Gas	4816	327.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	2.89E+00	1.67E-04	2.99E-04	2.98
Department of Central Administration - Fleet	105741	FORD	VAN	TV0/1; FULL,CARGO,REG,250,ANIMAL CONV	1999	Gas	12133	1058.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	9.33E+00	3.89E-04	6.84E-04	9.55
Department of Central Administration - Fleet	105742	FORD	VAN	TV0/1; FULL,CARGO,REG,250,PROPERTY ROOM	1999	Gas	3244	252.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	2.22E+00	1.04E-04	1.83E-04	2.28
Department of Central Administration - Fleet	105743	FORD	VAN	TV0/1; FULL,CARGO,REG,250,ANIMAL CONV	1999	Gas	12835	1240.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.09E+01	4.12E-04	7.24E-04	11.16
Department of Central Administration - Fleet	105744	FORD	VAN	TV0/1; FULL,CARGO,REG,250,ANIMAL CONV	1999	Gas	16160	1484.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.31E+01	5.19E-04	9.11E-04	13.37
Department of Central Administration - Fleet	105746	FORD	VAN	TV0/1; FULL,CARGO,REG,250,ANIMAL CONV	1999	Gas	9214	817.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	7.21E+00	2.96E-04	5.20E-04	7.37
Department of Central Administration - Fleet	105748	FORD	VAN	TV0/1; COMPACT,CARGO,WINDSTAR,FULL GLASS	1999	Gas	1236	85.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	7.53E-01	3.97E-05	6.97E-05	0.78
Department of Central Administration - Fleet	105749	FORD	VAN	TV0/1; COMPACT,CARGO,WINDSTAR,FULL GLASS	1999	Gas	2577	209.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.85E+00	8.27E-05	1.45E-04	1.89
Department of Central Administration - Fleet	105958	BUICK	AUTO	CENTURY	1998	Gas	4505	197.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars -1998	8.81	kg/gallon	B/C	0.0249	g/mile	B/C	0.0393	g/mile	B/C	1.74E+00	1.12E-04	1.77E-04	1.80
Department of Central Administration - Fleet	105751	FORD	VAN	TV0/1; COMPACT,CARGO,WINDSTAR,FULL GLASS	1999	Gas	8448	470.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	4.14E+00	2.71E-04	4.76E-04	4.30
Department of Central Administration - Fleet	105737	FORD	VAN	TV0/1; FULL,CARGO,REG,250	1999	Gas	3622	401.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	3.53E+00	1.16E-04	2.04E-04	3.60
Department of Central Administration - Fleet	105753	FORD	VAN	TV0/1; COMPACT,CARGO,WINDSTAR,FULL GLASS	1999	Gas	12197	905.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	7.97E+00	3.92E-04	6.88E-04	8.19
Department of Central Administration - Fleet	105754	FORD	VAN	TV0/1; COMPACT,CARGO,WINDSTAR,FULL GLASS	1999	Gas	10442	640.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	5.65E+00	3.35E-04	5.89E-04	5.83
Department of Central Administration - Fleet	105755	FORD	VAN	TV0/1; COMPACT,CARGO,WINDSTAR,FULL GLASS	1999	Gas	9325	717.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	6.32E+00	2.99E-04	5.26E-04	6.49
Department of Central Administration - Fleet	105757	FORD	VAN	TV0/1; COMPACT,CARGO,WINDSTAR,FULL GLASS	1999	Gas	12674	730.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	6.44E+00	4.07E-04	7.15E-04	6.67
Department of Central Administration - Fleet	105758	FORD	VAN	TV0/1; COMPACT,CARGO,WINDSTAR,FULL GLASS	1999	Gas	5588	337.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	2.97E+00	1.79E-04	3.15E-04	3.07
Department of Central Administration - Fleet	105818	FORD	VAN	TV3; FULL, 8 PASS, REG, E150, CARGO	1999	Gas	3599	250.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	2.21E+00	1.16E-04	2.03E-04	2.27
Department of Central Administration - Fleet	105819	FORD	VAN	TV3; FULL,8 PASS,REG,150	1999	Gas	1574	103.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	9.13E-01	5.05E-05	8.88E-05	0.94
Department of Central Administration - Fleet	105820	FORD	VAN	TV3; FULL,8 PASS,REG,150	1999	Gas	10571	1147.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.01E+01	3.39E-04	5.96E-04	10.30

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	105750	FORD	VAN	TV0/1; COMPACT,CARGO,WINDSTAR,FULL GLASS	1999	Gas	5742	344.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	3.03E+00	1.84E-04	3.24E-04	3.14
Department of Central Administration - Fleet	112594	CHEVROLET	VAN	TV0/1; FULL,CARGO,EXT,2500	2003	Gas	5127	443.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	3.91E+00	7.95E-05	5.84E-05	3.93
Department of Central Administration - Fleet	112154	GM	SUV	SUV1; SUBURBAN; LS	1999	Gas	4771	480.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	4.23E+00	1.53E-04	2.69E-04	4.32
Department of Central Administration - Fleet	112155	FORD	VAN	TV0; VAN; WINDSTAR	1999	Gas	2599	174.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.54E+00	8.34E-05	1.47E-04	1.58
Department of Central Administration - Fleet	112161	PIERCE	TOWER	FTA1; TOWER; DASH; PLATFORM;	2002	Diesel	13468	5088.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	5.16E+01	2.95E-03	1.32E-03	52.12
Department of Central Administration - Fleet	112387	INTERNATIONAL	AMBULANCE	AMB2; AMBULANCE; FIRE; INT'L HORTON; 4300; RESERVE	2002	Diesel	2508	334.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.39E+00	1.28E-05	1.20E-05	3.40
Department of Central Administration - Fleet	112388	INTERNATIONAL	AMBULANCE	AMB2; AMBULANCE; FIRE; INT'L HORTON; 4300; 603A;	2002	Diesel	14132	1810.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.84E+01	7.21E-05	6.78E-05	18.40
Department of Central Administration - Fleet	112389	INTERNATIONAL	AMBULANCE	AMB2; AMBULANCE; FIRE; INT'L HORTON; 4300; 603A;	2002	Diesel	26388	3872.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.93E+01	1.35E-04	1.27E-04	39.35
Department of Central Administration - Fleet	112560	CHEVROLET	SUV	SUV1; FULL, 4DR, 4WD, TAHOE	2003	Gas	7574	585	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	5.15E+00	1.17E-04	8.63E-05	5.18
Department of Central Administration - Fleet	110800	FREIGHTLINER	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	4037	826.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.39E+00	4.79E-04	2.15E-04	8.46
Department of Central Administration - Fleet	112584	DODGE	P/U	BPF6; DAKOTA; COMPACT, EXT, 4WD, 6' BOD; BRUSH TK.	2003	Gas	1782	120.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	1.06E+00	2.76E-05	2.03E-05	1.07
Department of Central Administration - Fleet	112116	DODGE	SUV	SUV0; DURANGO	1999	Gas	6661	714	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	6.29E+00	2.14E-04	3.76E-04	6.41
Department of Central Administration - Fleet	112620	CHEVROLET	P/U	PU0; COMPACT,EXT,6' BOD	2003	Gas	18157	1086.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	8.81	kg/gallon	B/C	0.0155	g/mile	B/C	0.0114	g/mile	B/C	9.57E+00	2.81E-04	2.07E-04	9.64
Department of Central Administration - Fleet	112684	MERCURY	AUTO	MARQUIS	2000	Gas	9174	564	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	4.97E+00	1.63E-04	2.50E-04	5.05
Department of Central Administration - Fleet	112742	PONTIAC	AUTO	GRAND PRIX	2001	Gas	3958	220.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	1.94E+00	4.35E-05	6.25E-05	1.96
Department of Central Administration - Fleet	112743	FORD	VAN	TV0; VAN; WINDSTAR	2000	Gas	6601	398.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	3.51E+00	2.28E-04	4.10E-04	3.64
Department of Central Administration - Fleet	112795	CHEVROLET	VAN	TV3; CHEVY VENTURE PASSENGER VAN (OFF LEASE)	2001	Gas	6264	401.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	3.54E+00	9.46E-05	1.03E-04	3.57
Department of Central Administration - Fleet	112931	INTERNATIONAL	DUMP	DTN1/0; TRI AXLE DUMP; 77GW, CVR, 24CY,	2002	Diesel	6118	1211.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.23E+01	7.03E-04	3.15E-04	12.41
Department of Central Administration - Fleet	112952	FORD	AUTO	CROWN VICTORIA	2002	Gas	18590	1222.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.08E+01	1.99E-04	2.84E-04	10.86
Department of Central Administration - Fleet	112953	FORD	AUTO	CROWN VICTORIA	2002	Gas	11429	764.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	6.74E+00	1.22E-04	1.75E-04	6.79
Department of Central Administration - Fleet	112562	STERLING	TRUCK	HM0; TRUCK, MASS EMERG. RECOVERY; CRANE/POD;	2004	Diesel	5374	1645.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.67E+01	2.74E-05	2.58E-05	16.71
Department of Central Administration - Fleet	111488	FORD	AUTO	CROWN VICTORIA	2002	Gas	21424	2045.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.80E+01	2.29E-04	3.28E-04	18.13
Department of Central Administration - Fleet	108273	CHEVROLET	C&C	UT1/0;REG,DRW,3500HD,11' UTIL,60" PANEL,SLIDE ROOF	2000	Diesel	1333	197.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.01E+00	1.15E-04	5.14E-05	2.03
Department of Central Administration - Fleet	110802	FREIGHTLINER	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	3757	802.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.14E+00	4.65E-04	2.09E-04	8.22
Department of Central Administration - Fleet	110803	FREIGHTLINER	TRUCK	ST1; REG,26 GW, 16',DRY FREIGHT, LIFT	2001	Diesel	4579	390.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.97E+00	2.34E-05	2.20E-05	3.97
Department of Central Administration - Fleet	110804	INTERNATIONAL	TRUCK	BBT3; REG, 36 GW, 11' FORESTRY, 60' AERIAL	2001	Diesel	5684	2276.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.31E+01	2.90E-05	2.73E-05	23.12
Department of Central Administration - Fleet	110844	DODGE	P/U	PU0/4W; COMPACT,REG,4W,6.5' BOD	2001	Gas	16077	996.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	8.78E+00	2.43E-04	2.64E-04	8.86
Department of Central Administration - Fleet	111154	FORD	AUTO	TAURUS	2001	Gas	7945	254.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	2.24E+00	8.74E-05	1.26E-04	2.28
Department of Central Administration - Fleet	111155	FORD	AUTO	TAURUS	2001	Gas	4808	226.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	2.00E+00	5.29E-05	7.60E-05	2.02
Department of Central Administration - Fleet	111156	FORD	AUTO	TAURUS	2001	Gas	10257	436.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	3.84E+00	1.13E-04	1.62E-04	3.90
Department of Central Administration - Fleet	112124	FORD	VAN	TV0; VAN; WINDSTAR	2000	Gas	6252	366.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	3.23E+00	2.16E-04	3.88E-04	3.36
Department of Central Administration - Fleet	111485	FORD	AUTO	CROWN VICTORIA	2002	Gas	17737	1530.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.35E+01	1.90E-04	2.71E-04	13.57
Department of Central Administration - Fleet	112117	FORD	SUV	SUV1; EXPLORER	2000	Gas	4902	324.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	2.86E+00	1.70E-04	3.04E-04	2.96
Department of Central Administration - Fleet	111489	FORD	AUTO	CROWN VICTORIA	2002	Gas	4471	462.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	4.07E+00	4.78E-05	6.84E-05	4.10
Department of Central Administration - Fleet	111491	FORD	AUTO	CROWN VICTORIA	2002	Gas	20862	1133.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	9.99E+00	2.23E-04	3.19E-04	10.09
Department of Central Administration - Fleet	111492	JEEP	SUV	SUV0; COMPACT,4DR,4W,CHEROKEE	2001	Gas	5625	350.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	3.08E+00	8.49E-05	9.23E-05	3.12
Department of Central Administration - Fleet	111493	CHEVROLET	P/U	PU0; 2500 REG,COMPACT,2WD,EXT CAB	2001	Gas	8664	595.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	5.24E+00	1.31E-04	1.42E-04	5.29
Department of Central Administration - Fleet	111534	CHEVROLET	AUTO	CAVALIER	2001	Gas	3662	158.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	1.40E+00	4.03E-05	5.79E-05	1.42
Department of Central Administration - Fleet	111731	FORD	AUTO	CROWN VICTORIA	2002	Gas	36345	2910.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	2.56E+01	3.89E-04	5.56E-04	25.82
Department of Central Administration - Fleet	111882	CHRYSLER	SUV	SUV0; JEEP CHEROKEE 4WD	2001	Gas	13225	730.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	6.43E+00	2.00E-04	2.17E-04	6.50
Department of Central Administration - Fleet	112975	CHEVROLET	SUV	MCB0; FULL; 4DR; 4WD; 2500; SUBURBAN; BATT. CHF.	2002	Gas	12633	1271.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2002	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0228	g/mile	B/C	1.12E+01	2.25E-04	2.88E-04	11.29
Department of Central Administration - Fleet	111157	FORD	AUTO	TAURUS	2001	Gas	6163	322.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	2.84E+00	6.78E-05	9.74E-05	2.87
Department of Central Administration - Fleet	113185	NEW HOLLAND	BHOE	BL2; BACKHOE/LOADER; LB-75-B; 90 HP;	2002	Diesel	128	148.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.50E+00	8.60E-05	3.85E-05	1.52
Department of Central Administration - Fleet	112954	FORD	AUTO	CROWN VICTORIA	2002	Gas	16640	1018.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	8.97E+00	1.78E-04	2.55E-04	9.05
Department of Central Administration - Fleet	113144	FORD	AUTO	CROWN VICTORIA	2002	Gas	12026	724.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	6.39E+00	1.29E-04	1.84E-04	6.45
Department of Central Administration - Fleet	113145	FORD	AUTO	CROWN VICTORIA	2002	Gas	11780	855.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	7.54E+00	1.26E-04	1.80E-04	7.60

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	113148	FORD	AUTO	CROWN VICTORIA	2002	Gas	32120	2496.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	2.20E+01	3.44E-04	4.91E-04	22.15
Department of Central Administration - Fleet	113149	FORD	AUTO	CROWN VICTORIA	2002	Gas	20196	1278.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.13E+01	2.16E-04	3.09E-04	11.37
Department of Central Administration - Fleet	113150	FORD	AUTO	CROWN VICTORIA	2002	Gas	20579	1255.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.11E+01	2.20E-04	3.15E-04	11.16
Department of Central Administration - Fleet	113154	FORD	AUTO	CROWN VICTORIA	2002	Gas	12787	851.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	7.50E+00	1.37E-04	1.96E-04	7.56
Department of Central Administration - Fleet	113155	FORD	AUTO	CROWN VICTORIA	2002	Gas	24365	1376.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.21E+01	2.61E-04	3.73E-04	12.25
Department of Central Administration - Fleet	113142	FORD	AUTO	CROWN VICTORIA	2002	Gas	16982	1673.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.47E+01	1.82E-04	2.60E-04	14.83
Department of Central Administration - Fleet	113169	TORO	HVYEQ	MOWER; 580-D; 16' SWATH; GROUNDMASTER	2002	Diesel	260	704.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	7.15E+00	1.33E-06	1.25E-06	7.15
Department of Central Administration - Fleet	113141	FORD	AUTO	CROWN VICTORIA	2002	Gas	12908	848.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	7.48E+00	1.38E-04	1.97E-04	7.54
Department of Central Administration - Fleet	113186	NEW HOLLAND	TRACT	MOWER; TRACTOR; ___; 90 HP; REAR FLAIL W/BOOM	2002	Diesel	90	136.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.39E+00	4.59E-07	4.32E-07	1.39
Department of Central Administration - Fleet	113187	CHEVROLET	SUV	SUV0; COMPACT,4DR,4W,S-10 BLAZER (OFF LEASE)	2001	Gas	13105	733.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	6.46E+00	1.98E-04	2.15E-04	6.53
Department of Central Administration - Fleet	113188	GRADALL	HVYEQ	HET1; EXCAVATOR; XL4100; HP; 6X4	2002	Diesel	1440	359.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.65E+00	2.09E-04	9.35E-05	3.68
Department of Central Administration - Fleet	113188A	GRADALL	HVYEQ	EXCAVATOR; XL4100; HP; 6X4; (SEE PARENT)	2002	Diesel	30	456.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.63E+00	2.65E-04	1.19E-04	4.67
Department of Central Administration - Fleet	113197	CHEVROLET	SUV	SUV0; COMPACT,4DR,4W,S-10 BLAZER	2002	Gas	13207	820.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2002	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0228	g/mile	B/C	7.23E+00	2.35E-04	3.01E-04	7.33
Department of Central Administration - Fleet	113198	CHEVROLET	SUV	SUV1; COMPACT,4DR,4W,S-10 BLAZER	2002	Gas	11557	707.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2002	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0228	g/mile	B/C	6.24E+00	2.06E-04	2.63E-04	6.32
Department of Central Administration - Fleet	113200	CHEVROLET	VAN	TV0/1; FULL,CARGO,REG,2500	2002	Gas	6353	656.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2002	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0228	g/mile	B/C	5.78E+00	1.13E-04	1.45E-04	5.83
Department of Central Administration - Fleet	120636	FORD	AUTO	CROWN VICTORIA	2005	Gas	9464	579.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	5.10E+00	1.39E-04	7.48E-05	5.13
Department of Central Administration - Fleet	113157	FORD	AUTO	CROWN VICTORIA	2002	Gas	17238	1100.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	9.69E+00	1.84E-04	2.64E-04	9.78
Department of Central Administration - Fleet	113128	FORD	AUTO	CROWN VICTORIA	2002	Gas	4829	369.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	3.26E+00	5.17E-05	7.39E-05	3.28
Department of Central Administration - Fleet	110799	FREIGHTLINER	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	7229	1437.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.46E+01	8.34E-04	3.74E-04	14.73
Department of Central Administration - Fleet	112977	CHEVROLET	SUV	MCB0; FULL; 4DR; 4WD; 2500; SUBURBAN; BATT. CHF	2002	Gas	11878	1195.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2002	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0228	g/mile	B/C	1.05E+01	2.11E-04	2.71E-04	10.62
Department of Central Administration - Fleet	112978	FORD	P/U	PU2/4W; FULL,REG,4X4,250,8' BOD,HITCH	2002	Diesel	15550	1283.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.30E+01	1.56E-05	2.33E-05	13.04
Department of Central Administration - Fleet	112979	FORD	P/U	PU2/4W; FULL,REG,4X4,250,8' BOD,HITCH	2002	Diesel	6838	720.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	7.31E+00	6.84E-06	1.03E-05	7.31
Department of Central Administration - Fleet	112980	FORD	P/U	PU2/4W; FULL,REG,4X4,250,8' BOD,HITCH	2002	Diesel	14735	967.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	9.82E+00	1.47E-05	2.21E-05	9.83
Department of Central Administration - Fleet	112993	CUES	VAN	ST3; STEP VAN,14 GW,14' BOX,SEWER CAMERA CONV	2002	Diesel	6502	1432.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.45E+01	6.50E-06	9.75E-06	14.55
Department of Central Administration - Fleet	113018	CHEVROLET	AUTO	IMPALA	2000	Gas	5067	216.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.91E+00	9.02E-05	1.38E-04	1.95
Department of Central Administration - Fleet	113074	CHEVROLET	SUV	SUV1; FULL,4DR,4W,TAHOE (OFF LEASE)	2000	Gas	21393	1671.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	1.47E+01	7.40E-04	1.33E-03	15.15
Department of Central Administration - Fleet	113143	FORD	AUTO	CROWN VICTORIA	2002	Gas	19086	1803.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.59E+01	2.04E-04	2.92E-04	15.98
Department of Central Administration - Fleet	113127	FORD	AUTO	CROWN VICTORIA	2002	Gas	10179	820.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	7.23E+00	1.09E-04	1.56E-04	7.28
Department of Central Administration - Fleet	112955	FORD	AUTO	CROWN VICTORIA	2002	Gas	14212	845.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	7.45E+00	1.52E-04	2.17E-04	7.52
Department of Central Administration - Fleet	113130	FORD	AUTO	CROWN VICTORIA	2002	Gas	7037	488.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	4.30E+00	7.53E-05	1.08E-04	4.34
Department of Central Administration - Fleet	113132	FORD	AUTO	CROWN VICTORIA	2002	Gas	10697	787.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	6.94E+00	1.14E-04	1.64E-04	6.99
Department of Central Administration - Fleet	113133	FORD	AUTO	CROWN VICTORIA	2002	Gas	7937	551.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	4.86E+00	8.49E-05	1.21E-04	4.89
Department of Central Administration - Fleet	113135	FORD	AUTO	CROWN VICTORIA	2002	Gas	12437	1035.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	9.12E+00	1.33E-04	1.90E-04	9.18
Department of Central Administration - Fleet	113136	FORD	AUTO	CROWN VICTORIA	2002	Gas	14330	1469.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.29E+01	1.53E-04	2.19E-04	13.02
Department of Central Administration - Fleet	113137	FORD	AUTO	CROWN VICTORIA	2002	Gas	28903	2220	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.96E+01	3.09E-04	4.42E-04	19.70
Department of Central Administration - Fleet	113138	FORD	AUTO	CROWN VICTORIA	2002	Gas	11623	935.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	8.24E+00	1.24E-04	1.78E-04	8.30
Department of Central Administration - Fleet	113140	FORD	AUTO	CROWN VICTORIA	2002	Gas	7644	676.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	5.96E+00	8.18E-05	1.17E-04	6.00
Department of Central Administration - Fleet	113098	FREIGHTLINER	VAN	TV0; FULL,CARGO,REG,DRW,SPRINTER,9900	2002	Diesel	13559	921.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	9.36E+00	1.36E-05	2.03E-05	9.36
Department of Central Administration - Fleet	109930	FORD	AUTO	CROWN VICTORIA	2001	Gas	18937	1839.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	1.62E+01	2.08E-04	2.99E-04	16.30
Department of Central Administration - Fleet	109914	FORD	AUTO	CROWN VICTORIA	2001	Gas	21514	1761	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	1.55E+01	2.37E-04	3.40E-04	15.62
Department of Central Administration - Fleet	109915	FORD	AUTO	CROWN VICTORIA	2001	Gas	2112	161.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	1.42E+00	2.32E-05	3.34E-05	1.43
Department of Central Administration - Fleet	109919	FORD	AUTO	CROWN VICTORIA	2001	Gas	19001	2010.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	1.77E+01	2.09E-04	3.00E-04	17.81
Department of Central Administration - Fleet	109920	FORD	AUTO	CROWN VICTORIA	2001	Gas	20712	2071.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	1.82E+01	2.28E-04	3.27E-04	18.35
Department of Central Administration - Fleet	109922	FORD	AUTO	CROWN VICTORIA	2001	Gas	18016	1836.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	1.62E+01	1.98E-04	2.85E-04	16.27
Department of Central Administration - Fleet	109923	FORD	AUTO	CROWN VICTORIA	2001	Gas	4555	288.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	2.54E+00	5.01E-05	7.20E-05	2.56
Department of Central Administration - Fleet	109924	FORD	AUTO	CROWN VICTORIA	2001	Gas	16090	985.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	8.68E+00	1.77E-04	2.54E-04	8.76
Department of Central Administration - Fleet	110801	FREIGHTLINER	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	5788	1151.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.17E+01	6.68E-04	2.99E-04	11.80

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	109926	FORD	AUTO	CROWN VICTORIA	2001	Gas	5348	532.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	4.69E+00	5.88E-05	8.45E-05	4.72
Department of Central Administration - Fleet	109911	FORD	AUTO	CROWN VICTORIA	2001	Gas	19941	1245.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	1.10E+01	2.19E-04	3.15E-04	11.07
Department of Central Administration - Fleet	109963	FORD	AUTO	CROWN VICTORIA	2001	Gas	10557	651.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	5.74E+00	1.16E-04	1.67E-04	5.80
Department of Central Administration - Fleet	109968	INTERNATIONAL	DUMP	DTN3; REG,4WD,26 GW,8' BOD,CVR,PLOW,SPRD,T-BOX	2001	Diesel	5225	1196.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.21E+01	6.94E-04	3.11E-04	12.25
Department of Central Administration - Fleet	109980	FORD	C&C	ST3/D; REG,13GVW,4W,DRW,12'X8'STAKE,DUMP,CVR,HITCH	2001	Diesel	3949	436.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.43E+00	2.53E-04	1.14E-04	4.47
Department of Central Administration - Fleet	109981	FORD	DUMP	1 TON F350 DRW 9" DUMP BODY W/PLOW, SPRD 8 CYL	2001	Diesel	4111	507.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	5.15E+00	2.95E-04	1.32E-04	5.20
Department of Central Administration - Fleet	109984H	OLDSMOBILE	AUTO	INTRIGUE	2000	Gas	5726	478.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	4.22E+00	1.02E-04	1.56E-04	4.27
Department of Central Administration - Fleet	110023	FORD	P/U	PU2; FIRE; F250; W/CREWCAB;	2001	Diesel	14283	962.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	9.77E+00	1.43E-05	2.14E-05	9.78
Department of Central Administration - Fleet	110122	JEEP	SUV	SUV1; COMPACT,4DR,4W,CHEROKEE	2001	Gas	7470	442.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	3.90E+00	1.13E-04	1.23E-04	3.94
Department of Central Administration - Fleet	110124	JEEP	SUV	SUV0; COMPACT,4DR,4W,CHEROKEE	2001	Gas	21975	1235.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	1.09E+01	3.32E-04	3.60E-04	11.01
Department of Central Administration - Fleet	109925	FORD	AUTO	CROWN VICTORIA	2001	Gas	8755	546.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	4.82E+00	9.63E-05	1.38E-04	4.86
Department of Central Administration - Fleet	109747	KAWASAKI	ATV	ATV0; UTILITY TRUCK 4X4 MULE 2510; BED	2000	Gas	255	25.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Other Small Utility	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	2.21E-01	1.26E-05	5.52E-06	0.22
Department of Central Administration - Fleet	113203	DODGE	C&C	UT1; REG,3500,8',UTILITY,PLOW,HITCH	2002	Diesel	6415	624.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	6.34E+00	3.62E-04	1.62E-04	6.40
Department of Central Administration - Fleet	108300	PIERCE	PUMPER	EFP1; PUMPER; DASH; (R)-2000; 750 GAL.	2001	Diesel	8590	1796.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.82E+01	4.38E-05	4.12E-05	18.25
Department of Central Administration - Fleet	108301	PIERCE	PUMPER	EFP1; PUMPER; DASH; (R)-2000; 1,000 GAL.	2001	Diesel	11910	3212.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.26E+01	6.07E-05	5.72E-05	32.63
Department of Central Administration - Fleet	108369	DAEWOO	FORKL	FL1; FORKLIFT; D30	2000	Diesel	142	76.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	7.74E-01	4.43E-05	1.98E-05	0.78
Department of Central Administration - Fleet	108921	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	2001	Diesel	6418	1358.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.38E+01	7.88E-04	3.53E-04	13.92
Department of Central Administration - Fleet	108999	CHEVROLET	AUTO	CAVALIER	2001	Gas	5262	243.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	2.14E+00	5.79E-05	8.31E-05	2.17
Department of Central Administration - Fleet	109538	GEHL	HVYEQ	WL4; LOADER; SKID STEER; 6635; HP;	2000	Diesel	37	76.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	7.80E-01	4.46E-05	2.00E-05	0.79
Department of Central Administration - Fleet	109546	GRADALL	HVYEQ	HET1; EXCAVATOR; XL4100; HP; TRUCK MOUNTED	2000	Diesel	1800	298.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.03E+00	1.73E-04	7.77E-05	3.06
Department of Central Administration - Fleet	109913	FORD	AUTO	CROWN VICTORIA	2001	Gas	16105	1627.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	1.43E+01	1.77E-04	2.54E-04	14.42
Department of Central Administration - Fleet	109681	CATERPILLAR	HVYEQ	BL3; BACKHOE/LOADER; 426-C; IT; 70 HP; RUB. TIRE	2000	Diesel	77	74.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	7.60E-01	4.34E-05	1.95E-05	0.77
Department of Central Administration - Fleet	109912	FORD	AUTO	CROWN VICTORIA	2001	Gas	20322	1976.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	1.74E+01	2.24E-04	3.21E-04	17.52
Department of Central Administration - Fleet	109753	KUBOTA	TRACT	TRACTOR; B-7500; 19.5 HP;	2000	Diesel	70	67.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	6.89E-01	3.94E-05	1.77E-05	0.70
Department of Central Administration - Fleet	109760	NEW HOLLAND	TRACT	TRACTOR; ; 65 HP W/IMPLEMENTS;	2000	Diesel	76	144.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.47E+00	8.40E-05	3.77E-05	1.48
Department of Central Administration - Fleet	109761	NEW HOLLAND	TRACT	TRACTOR; ; 65 HP W/IMPLEMENTS; FLAIL;	2000	Diesel	110	176.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.79E+00	1.02E-04	4.59E-05	1.81
Department of Central Administration - Fleet	109786	INTERNATIONAL	TRUCK	SFT0; SEWER FLUSH, REG,36 GW,SEWER FLUSH,CONV	2001	Diesel	6460	2084.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.12E+01	3.29E-05	3.10E-05	21.17
Department of Central Administration - Fleet	109787	INTERNATIONAL	TRUCK	SFT0; SEWER FLUSH, REG,36 GW,SEWER FLUSH,CONV	2001	Diesel	7535	2255.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.29E+01	3.84E-05	3.62E-05	22.91
Department of Central Administration - Fleet	109843	INTERNATIONAL	TRUCK	SFT0; SEWER FLUSH, REG,36 GW,SEWER FLUSH CONV	2001	Diesel	8708	2759.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.80E+01	4.44E-05	4.18E-05	28.02
Department of Central Administration - Fleet	109859	FORD	AUTO	CROWN VICTORIA	2001	Gas	13364	1111.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	9.79E+00	1.47E-04	2.11E-04	9.86
Department of Central Administration - Fleet	110194	CHEVROLET	P/U	PU0; COMPACT,REG,6' BOD	2001	Gas	2351	420.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	3.71E+00	3.55E-05	3.86E-05	3.72
Department of Central Administration - Fleet	109549	FORD	VAN	TV3; FULL,BRAUN HC CONV,350,_ PASS;PRISONER;WC	2000	Diesel	5149	464.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	4.71E+00	5.15E-06	7.72E-06	4.72
Department of Central Administration - Fleet	110574	FORD	C&C	UT1; REG,4W,DRW,350,9', UTILITY,HITCH	2001	Diesel	14381	1306.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.33E+01	7.58E-04	3.40E-04	13.38
Department of Central Administration - Fleet	110126	JEEP	SUV	SUV0; COMPACT,4DR,4W,CHEROKEE	2001	Gas	2705	172.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	1.52E+00	4.08E-05	4.44E-05	1.54
Department of Central Administration - Fleet	110240	GM	C&C	UT1/0; REG,DRW,3500HD,11' UTIL,5' PANEL,SLIDE ROOF	2001	Diesel	1103	188.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.91E+00	1.09E-04	4.90E-05	1.93
Department of Central Administration - Fleet	110241	GM	C&C	UT1/0; REG,DRW,3500HD,11' UTIL,5' PANEL,SLIDE ROOF	2001	Diesel	2510	329.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.35E+00	1.91E-04	8.57E-05	3.38
Department of Central Administration - Fleet	110242	GM	C&C	UT1/0; REG,DRW,3500HD,11' UTIL,5' PANEL,SLIDE ROOF	2001	Diesel	2819	368.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.74E+00	2.14E-04	9.58E-05	3.77
Department of Central Administration - Fleet	110242A		SMEQP	WELDER/AIR COMP	2001	Gas	0	6.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1998	8.81	kg/gallon	B/C	0.0391	g/mile	B/C	0.0728	g/mile	B/C	6.03E-02	0.00E+00	0.00E+00	0.06
Department of Central Administration - Fleet	110243	GM	C&C	UT1/0; REG,DRW,3500HD,11' UTIL,5' PANEL,SLIDE ROOF	2001	Diesel	5942	829.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.42E+00	4.81E-04	2.16E-04	8.49
Department of Central Administration - Fleet	110261	CLARK	FORKL	FL1; FORKLIFT; CMP30 G	2001	Gas	40	36.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Construction Equipment	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	3.22E-01	1.83E-05	8.03E-06	0.32
Department of Central Administration - Fleet	110270	JEEP	SUV	SUV0; CHEROKEE GRAND 4/4	1998	Gas	5536	342.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1998	8.81	kg/gallon	B/C	0.0391	g/mile	B/C	0.0728	g/mile	B/C	3.01E+00	2.16E-04	4.03E-04	3.14
Department of Central Administration - Fleet	110217	DODGE	C&C	UT2; REG,2500,8', UTILITY,PLOW,HITCH,SLIDE ROOF	2001	Diesel	10961	796.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.08E+00	4.62E-04	2.07E-04	8.16
Department of Central Administration - Fleet	110568	EXMARK	SMEQP	MOWER; RIDING LZ272KA724	2001	Gas	10	5.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 2005	8.81	kg/gallon	B/C	0.0326	g/mile	B/C	0.0177	g/mile	B/C	4.85E-02	3.26E-07	1.77E-07	0.05
Department of Central Administration - Fleet	110216	DODGE	C&C	UT2/0; REG,2500,8', UTILITY,SLIDE ROOF	2001	Diesel	1924	303.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.08E+00	1.76E-04	7.88E-05	3.11
Department of Central Administration - Fleet	110630	DODGE	SUV	SUV0; DURANGO	2001	Gas	10639	688.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	6.06E+00	1.61E-04	1.74E-04	6.12
Department of Central Administration - Fleet	110666	FORD	P/U	PU2/4W; FULL,CREW,4X4,250,8' BOD, HITCH	2001	Diesel	18179	1570.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.59E+01	1.82E-05	2.73E-05	15.95

Mobile Combustion Sources

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Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	110690	BUICK	AUTO	CENTURY	2000	Gas	11805	565.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	4.98E+00	2.10E-04	3.22E-04	5.08
Department of Central Administration - Fleet	110794	FREIGHTLINER	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	6888	1381.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.40E+01	8.01E-04	3.59E-04	14.15
Department of Central Administration - Fleet	110795	FREIGHTLINER	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	8112	1468.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.49E+01	8.52E-04	3.82E-04	15.04
Department of Central Administration - Fleet	110796	FREIGHTLINER	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	6335	1232.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.25E+01	7.15E-04	3.20E-04	12.62
Department of Central Administration - Fleet	110797	FREIGHTLINER	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	8933	1651.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.68E+01	9.58E-04	4.30E-04	16.92
Department of Central Administration - Fleet	110798	FREIGHTLINER	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	2001	Diesel	7388	1471.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.49E+01	8.53E-04	3.83E-04	15.07
Department of Central Administration - Fleet	110566	GRADALL	HVYEQ	HET1; EXCAVATOR; XL4100; HP; TRUCK MOUNT; HYD.	2001	Diesel	2697	646.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	6.56E+00	3.75E-04	1.68E-04	6.62
Department of Central Administration - Fleet	110207	DODGE	VAN	TV0/1; FULL,CARGO,REG,2500	2001	Gas	5522	645.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	5.69E+00	8.34E-05	9.06E-05	5.72
Department of Central Administration - Fleet	108274	CHEVROLET	C&C	UT1/0; REG,DRW,3500HD,11' UTIL,5' PANEL,SLIDE ROOF	2000	Diesel	6492	862.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.75E+00	5.00E-04	2.24E-04	8.83
Department of Central Administration - Fleet	110195	DODGE	P/U	PU0/4W; COMPACT,REG,4W,6.5' BOD	2001	Gas	19537	1413.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	1.24E+01	2.95E-04	3.20E-04	12.55
Department of Central Administration - Fleet	110196	DODGE	P/U	PU0/4W; COMPACT,REG,4W,6.5' BOD	2001	Gas	1245	97.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	8.58E-01	1.88E-05	2.04E-05	0.86
Department of Central Administration - Fleet	110197	DODGE	P/U	PU0/4W; COMPACT,REG,4W,6.5' BOD	2001	Gas	18794	1164.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	1.03E+01	2.84E-04	3.08E-04	10.36
Department of Central Administration - Fleet	110199	DODGE	P/U	PU3; FULL,REG,1500,8' BOD	2001	Gas	3446	215.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	1.89E+00	5.20E-05	5.65E-05	1.91
Department of Central Administration - Fleet	110200	DODGE	P/U	PU2; FULL,REG,2500,8' BOD	2001	Diesel	6115	436.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	4.43E+00	6.12E-06	9.17E-06	4.43
Department of Central Administration - Fleet	110201	DODGE	P/U	PU2; FULL,REG,2500,8' BOD	2001	Diesel	8362	507.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	5.15E+00	8.36E-06	1.25E-05	5.16
Department of Central Administration - Fleet	110202	FORD	P/U	PU1/4W; FULL,EXT,4X4,350,8' BOD,PLOW,HITCH	2001	Diesel	18767	1573.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.60E+01	1.88E-05	2.82E-05	15.98
Department of Central Administration - Fleet	110218	FORD	AUTO	CROWN VICTORIA	2001	Gas	22140	1649.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	1.45E+01	2.44E-04	3.50E-04	14.65
Department of Central Administration - Fleet	110204	DODGE	P/U	PU1/4W; FULL,EXT,4W,DRW,3500,8' BOD,HITCH	2001	Diesel	8859	678.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	6.89E+00	8.86E-06	1.33E-05	6.89
Department of Central Administration - Fleet	110172	FORD	AUTO	CROWN VICTORIA	2001	Gas	10120	578	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	5.09E+00	1.11E-04	1.60E-04	5.14
Department of Central Administration - Fleet	110208	DODGE	C&C	UT2; REG,2500,8', UTILITY	2001	Diesel	12595	869.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.83E+00	5.04E-04	2.26E-04	8.91
Department of Central Administration - Fleet	110209	DODGE	C&C	UT2; REG,2500,8', UTILITY	2001	Diesel	12050	1160.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.18E+01	6.73E-04	3.02E-04	11.88
Department of Central Administration - Fleet	110210	DODGE	C&C	UT2; REG,2500,8', UTILITY	2001	Diesel	16185	1222.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.24E+01	7.09E-04	3.18E-04	12.52
Department of Central Administration - Fleet	110211	DODGE	C&C	UT2; REG,2500,8', UTILITY	2001	Diesel	10431	1012.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.03E+01	5.87E-04	2.63E-04	10.37
Department of Central Administration - Fleet	110212	DODGE	C&C	UT2; REG,2500,8', UTILITY	2001	Diesel	12911	1210.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.23E+01	7.02E-04	3.15E-04	12.39
Department of Central Administration - Fleet	110213	DODGE	C&C	UT2; REG,2500,8', UTILITY	2001	Diesel	16987	1231.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.25E+01	7.14E-04	3.20E-04	12.62
Department of Central Administration - Fleet	110214	DODGE	C&C	UT2/0; REG,2500,8', UTILITY,SLIDE ROOF	2001	Diesel	8641	700.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	7.11E+00	4.06E-04	1.82E-04	7.18
Department of Central Administration - Fleet	110215	DODGE	C&C	UT2/0; REG,2500,8', UTILITY,SLIDE ROOF	2001	Diesel	3507	264.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.69E+00	1.53E-04	6.88E-05	2.71
Department of Central Administration - Fleet	110203	FORD	P/U	PU2/4W; FULL,CREW,4X4,250,8' BOD, HITCH	2001	Diesel	11072	1067.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.08E+01	1.11E-05	1.66E-05	10.84
Department of Central Administration - Fleet	125648	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	1908	52.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	4.62E-01	2.00E-05	2.86E-05	0.47
Department of Central Administration - Fleet	125639	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	764	20.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	1.80E-01	8.02E-06	1.15E-05	0.18
Department of Central Administration - Fleet	125640	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	1335	36.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	3.21E-01	1.40E-05	2.00E-05	0.33
Department of Central Administration - Fleet	125641	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	2888	77.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	6.82E-01	3.03E-05	4.33E-05	0.70
Department of Central Administration - Fleet	125642	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	959	28.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	2.48E-01	1.01E-05	1.44E-05	0.25
Department of Central Administration - Fleet	125643	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	2912	72.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	6.40E-01	3.06E-05	4.37E-05	0.65
Department of Central Administration - Fleet	125644	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	1562	38.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	3.41E-01	1.64E-05	2.34E-05	0.35
Department of Central Administration - Fleet	125645	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	2783	79	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	6.96E-01	2.92E-05	4.17E-05	0.71
Department of Central Administration - Fleet	124139H	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	4605	107.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	9.44E-01	4.84E-05	6.91E-05	0.97
Department of Central Administration - Fleet	125647	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	2332	62.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	5.52E-01	2.45E-05	3.50E-05	0.56
Department of Central Administration - Fleet	124934	PIERCE	TANKER	WTF; TANKER, WATER, INTL 7400, FIRE	2007	Diesel	268	809.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	8.22E+00	1.37E-06	1.29E-06	8.22
Department of Central Administration - Fleet	125649	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	1785	52.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	4.60E-01	1.87E-05	2.68E-05	0.47
Department of Central Administration - Fleet	125650	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	1609	47.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	4.17E-01	1.69E-05	2.41E-05	0.42
Department of Central Administration - Fleet	125651	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	1376	34.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	3.02E-01	1.44E-05	2.06E-05	0.31
Department of Central Administration - Fleet	125652	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	1683	39.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	3.51E-01	1.77E-05	2.52E-05	0.36
Department of Central Administration - Fleet	125653	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	1800	46.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	4.06E-01	1.89E-05	2.70E-05	0.41
Department of Central Administration - Fleet	125654	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	2802	68.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	6.06E-01	2.94E-05	4.20E-05	0.62

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CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	125655	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	1639	45.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	4.05E-01	1.72E-05	2.46E-05	0.41
Department of Central Administration - Fleet	125656	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	1228	32.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	2.87E-01	1.29E-05	1.84E-05	0.29
Department of Central Administration - Fleet	125646	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	2135	53.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	4.73E-01	2.24E-05	3.20E-05	0.48
Department of Central Administration - Fleet	124212	JOHN DEERE	TRACT	TRACTOR, JOHN DEERE 6415 W/BOOMFLAIL MOWER	2007	Diesel	94	180.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.83E+00	1.05E-04	4.69E-05	1.85
Department of Central Administration - Fleet	35584	BRUSH BANDIT	HVYEQ	CHT1; CHIPPER BRUSH 150	1993	Diesel	47	52.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	5.37E-01	2.40E-07	2.26E-07	0.54
Department of Central Administration - Fleet	124141H	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2008	Gas	5298	120.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	1.06E+00	5.56E-05	7.95E-05	1.09
Department of Central Administration - Fleet	124142	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	1222	35.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	3.16E-01	1.28E-05	1.83E-05	0.32
Department of Central Administration - Fleet	124143	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	1318	33	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	2.91E-01	1.38E-05	1.98E-05	0.30
Department of Central Administration - Fleet	124144	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	2590	56.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	4.99E-01	2.72E-05	3.89E-05	0.51
Department of Central Administration - Fleet	124145	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2008	Gas	542	13.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	1.18E-01	5.69E-06	8.13E-06	0.12
Department of Central Administration - Fleet	124192	ASV	HVYEQ	TD2; LOADER, TRACK, ASC RC100 POSI	2006	Diesel	117	108.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.10E+00	6.28E-05	2.82E-05	1.11
Department of Central Administration - Fleet	124206	BOBCAT	TRACT	WL4; LOADER, UTIL, 5600-T TURBO "C", W/SNOW BLADE	2006	Diesel	164	191.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.94E+00	1.11E-04	4.97E-05	1.96
Department of Central Administration - Fleet	125502	BOBCAT	HVYEQ	LOADER, SKID STEER	2007	Diesel	15	23.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.43E-01	1.39E-05	6.23E-06	0.25
Department of Central Administration - Fleet	124210	CATERPILLAR	HVYEQ	WL3; LOADER/INTEGRATED TOOL CARRIER, 930G	2007	Diesel	1416	838.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.51E+00	4.87E-04	2.18E-04	8.59
Department of Central Administration - Fleet	124971	CATERPILLAR	HVYEQ	WL4; LOADER, SKID STEER, MODEL JAA 262C, WHEELED	2007	Diesel	50	57.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	5.80E-01	3.31E-05	1.49E-05	0.59
Department of Central Administration - Fleet	124468	HONDA	AUTO	ACCORD	2007	Gas	16718	771.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.80E+00	2.46E-04	1.32E-04	6.84
Department of Central Administration - Fleet	124469	CATERPILLAR	HVYEQ	HEM0; EXCAVATOR; 303CR MHEX TRACKED	2007	Diesel	2	79.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.02E-01	4.58E-05	2.06E-05	0.81
Department of Central Administration - Fleet	124477	YAMAHA	ATV	ATV0; RHINO 660CC, M305E	2006	Gas	95	9.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Other Small Utility	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	8.19E-02	4.65E-06	2.05E-06	0.08
Department of Central Administration - Fleet	124501	HONDA	VAN	TV3; MINIVAN, ODYSSEY LX; 7 PASS.	2007	Gas	16682	902.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	7.95E+00	2.62E-04	1.68E-04	8.01
Department of Central Administration - Fleet	124578	DODGE	P/U	PU2; RAM 3500 ST QUAD CAB, 4X2, LADDER RACKS	2005	Diesel	5251	435.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	4.42E+00	5.25E-06	7.88E-06	4.42
Department of Central Administration - Fleet	124579	HONDA	AUTO	ACCORD	2007	Gas	5550	258.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.28E+00	8.16E-05	4.38E-05	2.29
Department of Central Administration - Fleet	124615	HONDA	AUTO	ACCORD	2007	Gas	9208	476.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	4.20E+00	1.35E-04	7.27E-05	4.22
Department of Central Administration - Fleet	125659	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	977	28.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	2.52E-01	1.03E-05	1.47E-05	0.26
Department of Central Administration - Fleet	124209	CATERPILLAR	HVYEQ	WL3/T; LOADER; 277B, TRACK	2007	Diesel	80	130	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.32E+00	7.54E-05	3.38E-05	1.33
Department of Central Administration - Fleet	23995	FORD	P/U	PU1/4W; FULL; REG; 4X4; F-350; 8' BODY	1990	Diesel	1771	138.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1983-1995	10.15	kg/gallon	B/C	0.0009	g/mile	B/C	0.0014	g/mile	B/C	1.40E+00	1.59E-06	2.48E-06	1.41
Department of Central Administration - Fleet	125657	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	993	33.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	2.93E-01	1.04E-05	1.49E-05	0.30
Department of Central Administration - Fleet	125789	CHEVROLET	SUV	SUV; TAHOE, 4D, 4WD,FIRE	2007	Gas	825	41.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	3.69E-01	1.30E-05	8.33E-06	0.37
Department of Central Administration - Fleet	125807	BOBCAT	TRACT	TRACK LOADER, MODEL T300K, HYDRAULICS	2007	Diesel	77	47.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.80E-01	2.74E-05	1.23E-05	0.48
Department of Central Administration - Fleet	125832	NISSAN	VAN	QUEST, 4D WAGON	2008	Gas	10	11.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.00E-01	1.57E-07	1.01E-07	0.10
Department of Central Administration - Fleet	23624	T.C.M.	FORKL	FL1; FORKLIFT; 40Z2	1989	Diesel	37	30.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.11E-01	1.77E-05	7.96E-06	0.31
Department of Central Administration - Fleet	23724	FORD	C&C	ST3; REG,4W,DRW,350,120" DRY FREIGHT,ROLL DOOR	1989	Gas	760	127.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 1988-1989	8.81	kg/gallon	B/C	0.3492	g/mile	B/C	0.0933	g/mile	B/C	1.12E+00	2.65E-04	7.09E-05	1.15
Department of Central Administration - Fleet	23867	FORD	P/U	BAS0; F350; PICKUP; 1 TON; 4X4; AIR UNIT	1990	Diesel	1089	83.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1983-1995	10.15	kg/gallon	B/C	0.0009	g/mile	B/C	0.0014	g/mile	B/C	8.45E-01	9.80E-07	1.52E-06	0.85
Department of Central Administration - Fleet	23873	AMERICAN	PUMPER	EFP1; PUMPER; E-1; HURRICANE; 1,000 GAL.	1990	Diesel	1480	258.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.63E+00	7.55E-06	7.10E-06	2.63
Department of Central Administration - Fleet	125784	DODGE	VAN	CARAVAN, GRAND, SXT	2008	Gas	575	47.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	4.22E-01	9.03E-06	5.81E-06	0.42
Department of Central Administration - Fleet	23977	INTERNATIONAL	HVYEQ	ASPHALT DIST; 2500 SAM; ETNYRE	1990	Diesel	1930	584.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	5.93E+00	3.39E-04	1.52E-04	5.99
Department of Central Administration - Fleet	125783	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2008	Gas	456	9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	7.93E-02	4.79E-06	6.84E-06	0.08
Department of Central Administration - Fleet	23996	FORD	P/U	PU1/4W; FIRE; FULL,REG,4X4,350,8' BOD; LG. CAP	1990	Diesel	100	30	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1983-1995	10.15	kg/gallon	B/C	0.0009	g/mile	B/C	0.0014	g/mile	B/C	3.05E-01	9.00E-08	1.40E-07	0.30
Department of Central Administration - Fleet	24842	EMERGENCY 1	PUMPER	EFP1; PUMPER; HURRICANE; 500 GAL.	1988	Diesel	0	297.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.02E+00	0.00E+00	0.00E+00	3.02
Department of Central Administration - Fleet	28250	INTERNATIONAL	TRUCK	BBT0/B; REG,26 GW,10' UTILITY,AERIAL LIFT	1990	Diesel	675	195.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.98E+00	3.44E-06	3.24E-06	1.98
Department of Central Administration - Fleet	29740	INTERNATIONAL	BUS	CT1; BUS; INT'L; 3800; BUS; FIRE TRAINING	1991	Diesel	2326	363.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.69E+00	1.19E-05	1.12E-05	3.70
Department of Central Administration - Fleet	31188	EMERGENCY 1	PUMPER	EFP1; PUMPER; HUSH CYCLONE; 500 GAL.	1991	Diesel	3279	665.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	6.75E+00	1.67E-05	1.57E-05	6.76
Department of Central Administration - Fleet	32120	FORD	TRUCK	HM0; HAZMAT UNIT; SIDE ROLL-UP DOORS;	1991	Diesel	4629	889.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	9.03E+00	2.36E-05	2.22E-05	9.04
Department of Central Administration - Fleet	32450	INTERNATIONAL	TRUCK	WT1; CREW, 26 GW, 14' FLAT, ROLLBACK	1991	Diesel	816	121.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.24E+00	4.16E-06	3.92E-06	1.24
Department of Central Administration - Fleet	124033	FORD	AUTO	EXPLORER	2007	Gas	18352	1167	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.03E+01	2.70E-04	1.45E-04	10.33
Department of Central Administration - Fleet	23874	AMERICAN	PUMPER	EFP1; PUMPER; E-1; HURRICANE; 1,000 GAL.	1990	Diesel	5170	632.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	6.42E+00	2.64E-05	2.48E-05	6.43
Department of Central Administration - Fleet	125733	FORD	AUTO	CROWN VICTORIA	2007	Gas	4541	240.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.12E+00	6.68E-05	3.59E-05	2.13
Department of Central Administration - Fleet	124138H	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	4983	116.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	1.02E+00	5.23E-05	7.47E-05	1.05
Department of Central Administration - Fleet	125660	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2008	Gas	2460	62.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	5.48E-01	2.58E-05	3.69E-05	0.56

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	125662	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2008	Gas	1232	30.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	2.71E-01	1.29E-05	1.85E-05	0.28
Department of Central Administration - Fleet	125663	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2008	Gas	1595	45.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	4.04E-01	1.67E-05	2.39E-05	0.41
Department of Central Administration - Fleet	125669	FORD	VAN	MCHN; HOSTAGE NEGOTIATION UNIT DODGEN, E350	2006	Gas	516	75.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	6.62E-01	8.10E-06	5.21E-06	0.66
Department of Central Administration - Fleet	125699	CHEVROLET	SUV	SUV; SUBURBAN, MODEL CK20906, 3/4T, FIRE	2008	Gas	474	280	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	2.47E+00	7.44E-06	4.79E-06	2.47
Department of Central Administration - Fleet	125702	CHEVROLET	VAN	SUV; UPLANDER LS, PASSENGER, EXTENDED,V6	2008	Gas	29	17.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.58E-01	4.55E-07	2.93E-07	0.16
Department of Central Administration - Fleet	125703	CHEVROLET	VAN	SUV; UPLANDER LS, PASSENGER, EXTENDED, V6	2008	Gas	29	18.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.65E-01	4.55E-07	2.93E-07	0.16
Department of Central Administration - Fleet	125788H	ELDORADO	BUS	BUS, AEROTECH 240, 18 PASSENGER	2007	Diesel	7876	264.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.69E+00	4.02E-05	3.78E-05	2.70
Department of Central Administration - Fleet	125721	BUICK	AUTO	LACROSSE	2008	Gas	2789	128.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	1.14E+00	2.93E-05	4.18E-05	1.15
Department of Central Administration - Fleet	125658	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	324	8.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	7.09E-02	3.40E-06	4.86E-06	0.07
Department of Central Administration - Fleet	125741	FORD	SUV	SUV0; ESCAPE HYBRID, 4WD, U59/700A	2008	Gas	823	36.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - Low Emission Vehicle (Hybrid)	8.81	kg/gallon	B/C	0.0148	g/mile	B/C	0.0157	g/mile	B/C	3.25E-01	1.22E-05	1.29E-05	0.33
Department of Central Administration - Fleet	125742	FORD	SUV	SUV0; ESCAPE HYBRID, 4WD, U59/700A	2008	Gas	65	12.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - Low Emission Vehicle (Hybrid)	8.81	kg/gallon	B/C	0.0148	g/mile	B/C	0.0157	g/mile	B/C	1.11E-01	9.62E-07	1.02E-06	0.11
Department of Central Administration - Fleet	125743	FORD	SUV	SUV0; ESCAPE HYBRID, 4WD, U59/700A	2008	Gas	2	8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - Low Emission Vehicle (Hybrid)	8.81	kg/gallon	B/C	0.0148	g/mile	B/C	0.0157	g/mile	B/C	7.05E-02	2.96E-08	3.14E-08	0.07
Department of Central Administration - Fleet	125753	INTERNATIONAL	TRUCK	ST1; BOX/FREIGHT TRUCK, MODEL 4300, 24' BOX	2005	Diesel	389	96.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	9.78E-01	1.98E-06	1.87E-06	0.98
Department of Central Administration - Fleet	125778	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2008	Gas	1909	50.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	4.41E-01	2.00E-05	2.86E-05	0.45
Department of Central Administration - Fleet	125779	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2008	Gas	308	7.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	6.78E-02	3.23E-06	4.62E-06	0.07
Department of Central Administration - Fleet	125781	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2008	Gas	1168	25.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	2.26E-01	1.23E-05	1.75E-05	0.23
Department of Central Administration - Fleet	125782	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2008	Gas	754	19.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	1.71E-01	7.92E-06	1.13E-05	0.18
Department of Central Administration - Fleet	125707	CHEVROLET	P/U	PU3; COLORADO P/U, EXT CAB, CT15653, 6' BED	2008	Gas	170	20.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.80E-01	2.67E-06	1.72E-06	0.18
Department of Central Administration - Fleet	124063	FORD	SUV	SUV0; ESCAPE XLT, SPORT UTIL, 4WD,4D	2007	Gas	13812	821.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	7.24E+00	2.17E-04	1.40E-04	7.29
Department of Central Administration - Fleet	120664	FORD	AUTO	CROWN VICTORIA	2005	Gas	15565	1586.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.40E+01	2.29E-04	1.23E-04	14.02
Department of Central Administration - Fleet	124056	BUICK	AUTO	LACROSSE	2007	Gas	6353	346.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	3.05E+00	9.34E-05	5.02E-05	3.07
Department of Central Administration - Fleet	120618	HONDA	AUTO	CIVIC, HYBRID, 4D	2005	Gas	6213	161.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	1.42E+00	6.52E-05	9.32E-05	1.45
Department of Central Administration - Fleet	124057	BUICK	AUTO	LACROSSE	2007	Gas	4965	337.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.97E+00	7.30E-05	3.92E-05	2.99
Department of Central Administration - Fleet	124058	BUICK	AUTO	LACROSSE	2007	Gas	9404	528.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	4.66E+00	1.38E-04	7.43E-05	4.68
Department of Central Administration - Fleet	124059	PONTIAC	AUTO	GRAND PRIX	2007	Gas	28937	1290	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.14E+01	4.25E-04	2.29E-04	11.44
Department of Central Administration - Fleet	124060	PONTIAC	AUTO	G6 SEDAN	2007	Gas	15420	734.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.47E+00	2.27E-04	1.22E-04	6.51
Department of Central Administration - Fleet	124140H	TOYOTA	AUTO	PRIUS, HYBRID, HATCHBACK 4D	2007	Gas	5659	139.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	1.23E+00	5.94E-05	8.49E-05	1.26
Department of Central Administration - Fleet	124062	FORD	SUV	SUV0; ESCAPE XLT, SPORT UTIL, 4WD,4D	2007	Gas	7577	538.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	4.74E+00	1.19E-04	7.65E-05	4.77
Department of Central Administration - Fleet	124052	GM	VAN	TV3; VAN; SAVANA 1500, CARGO,AWD	2007	Gas	10042	739.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	6.51E+00	1.58E-04	1.01E-04	6.55
Department of Central Administration - Fleet	124064	CHEVROLET	SUV	SUV0; ESCAPE XLT, SPORT UTIL, 4WD,4D	2007	Gas	2987	177.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.56E+00	4.69E-05	3.02E-05	1.57
Department of Central Administration - Fleet	124065	CHEVROLET	SUV	SUV0; ESCAPE XLT, SPORT UTIL, 4WD,4D	2007	Gas	4210	226.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.99E+00	6.61E-05	4.25E-05	2.01
Department of Central Administration - Fleet	124066	FORD	P/U	PU3; F150 XL SUPER CAB, STYLESIDE W/TOW PKG	2007	Gas	13662	1024.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	9.03E+00	2.14E-04	1.38E-04	9.07
Department of Central Administration - Fleet	124067	FORD	P/U	PU3; F150 XLT SUPER CAB, STYLESIDE W/TOW PKG	2007	Gas	10468	741.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	6.53E+00	1.64E-04	1.06E-04	6.57
Department of Central Administration - Fleet	124068	FORD	P/U	PU3; F150 XL SUPER CAB, STYLESIDE W/TOW PKG.	2007	Gas	16974	1186.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.05E+01	2.66E-04	1.71E-04	10.51
Department of Central Administration - Fleet	124069	FORD	P/U	PU3; F150 XL SUPER CAB, STYLESIDE W/TOW PKG	2007	Gas	7595	590.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.20E+00	1.19E-04	7.67E-05	5.23
Department of Central Administration - Fleet	124070	FORD	P/U	PU3; F150 XL SUPER CAB, STYLESIDE W/TOW PKG	2007	Gas	5847	574.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.06E+00	9.18E-05	5.91E-05	5.08
Department of Central Administration - Fleet	124071	FORD	P/U	PU3; F150 XL SUPER CAB, STYLESIDE W/TOW PKG	2007	Gas	11228	764.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	6.73E+00	1.76E-04	1.13E-04	6.77
Department of Central Administration - Fleet	124061	CHEVROLET	SUV	SUV1; FULL,TAHOE SSP, 4WD	2007	Gas	16573	1453.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.28E+01	2.60E-04	1.67E-04	12.86
Department of Central Administration - Fleet	124044	FORD	P/U	PU1/SP; F350 XL SD, CREW CAB, SRW, W/SNOW PLOW	2007	Diesel	4820	409.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	4.16E+00	4.82E-06	7.23E-06	4.16
Department of Central Administration - Fleet	124034	CHEVROLET	VAN	TV0/1; FULL,EXPRESS 2500, CARGO,REG	2007	Gas	13175	1289.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.14E+01	2.07E-04	1.33E-04	11.41
Department of Central Administration - Fleet	124035	CHEVROLET	VAN	TV0/1; FULL,EXPRESS 2500, CARGO,REG	2007	Gas	22364	1496.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.32E+01	3.51E-04	2.26E-04	13.26
Department of Central Administration - Fleet	124036	CHEVROLET	VAN	TV0/1; FULL,EXPRESS 2500, CARGO,REG	2007	Gas	12258	1011.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	8.91E+00	1.92E-04	1.24E-04	8.96
Department of Central Administration - Fleet	124037	CHEVROLET	VAN	TV0; VAN; MINI; UPLANDER, CARGO	2007	Gas	14957	599.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.28E+00	2.35E-04	1.51E-04	5.34
Department of Central Administration - Fleet	124038	CHEVROLET	SUV	SUV1; TRAILBLAZER LS, REG	2007	Gas	8948	607.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.36E+00	1.40E-04	9.04E-05	5.39
Department of Central Administration - Fleet	124039	CHEVROLET	SUV	SUV1; TRAILBLAZER LS, REG	2007	Gas	8930	573.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.05E+00	1.40E-04	9.02E-05	5.08
Department of Central Administration - Fleet	124040	CHEVROLET	SUV	SUV1; TRAILBLAZER LS, REG	2007	Gas	18541	1133.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	9.99E+00	2.91E-04	1.87E-04	10.05
Department of Central Administration - Fleet	124041	CHEVROLET	SUV	SUV1; TRAILBLAZER LS, REG	2007	Gas	1779	120.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.06E+00	2.79E-05	1.80E-05	1.07
Department of Central Administration - Fleet	124054	BUICK	AUTO	LACROSSE	2007	Gas	6280	341.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	3.00E+00	9.23E-05	4.96E-05	3.02

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	124043	FORD	SUV	SUV0; ESCAPE HYBRID, 4WD,4D (EXEC)	2007	Gas	5245	230.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - Low Emission Vehicle (Hybrid)	8.81	kg/gallon	B/C	0.0148	g/mile	B/C	0.0157	g/mile	B/C	2.03E+00	7.76E-05	8.23E-05	2.06
Department of Central Administration - Fleet	124053	GM	VAN	TV3; VAN; SAVANA 1500, CARGO, AWD	2007	Gas	5300	410.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	3.61E+00	8.32E-05	5.35E-05	3.63
Department of Central Administration - Fleet	124045	GM	P/U	PU0/4W; CANYON, PICKUP, EXT CAB, 4WD	2007	Gas	14703	862.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	7.60E+00	2.31E-04	1.49E-04	7.65
Department of Central Administration - Fleet	124046	GM	P/U	PU0/4W; CANYON, PICKUP, EXT CAB, 4WD	2007	Gas	11990	857.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	7.56E+00	1.88E-04	1.21E-04	7.60
Department of Central Administration - Fleet	124047	GM	P/U	PU0/4W; CANYON, PICKUP, EXT CAB, 4WD	2007	Gas	17653	1064.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	9.38E+00	2.77E-04	1.78E-04	9.44
Department of Central Administration - Fleet	124048	GM	P/U	PU0; CANYON, PICKUP, EXT CAB, 4WD	2007	Gas	4668	316.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	2.79E+00	7.33E-05	4.71E-05	2.80
Department of Central Administration - Fleet	124049	GM	P/U	PU0/4W; CANYON, PICKUP, EXT CAB, 4WD	2007	Gas	7220	579.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.11E+00	1.13E-04	7.29E-05	5.13
Department of Central Administration - Fleet	124050	GM	P/U	PU0/4W; CANYON, PICKUP, EXT CAB, 4WD	2007	Gas	6678	511.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	4.51E+00	1.05E-04	6.74E-05	4.53
Department of Central Administration - Fleet	124051	GM	P/U	PU0/4W; CANYON, PICKUP, EXT CAB, 4WD	2007	Gas	10271	774.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	6.82E+00	1.61E-04	1.04E-04	6.86
Department of Central Administration - Fleet	124074	FORD	P/U	PU2/4W; FULL,REG,F250 SD XL,4WD,8' BOD,HITCH	2008	Diesel	2604	239.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	2.43E+00	2.60E-06	3.91E-06	2.43
Department of Central Administration - Fleet	124042	CHEVROLET	SUV	SUV1; TRAILBLAZER LS, REG	2007	Gas	7029	473.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	4.17E+00	1.10E-04	7.10E-05	4.19
Department of Central Administration - Fleet	124125	FORD	AUTO	CROWN VICTORIA	2007	Gas	2813	208.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.83E+00	4.14E-05	2.22E-05	1.84
Department of Central Administration - Fleet	124072	FORD	P/U	PU3; F150 XLT SUPER CREW CAB, STYLESIDE W/TOW PKG	2007	Gas	11790	1096.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	9.66E+00	1.85E-04	1.19E-04	9.70
Department of Central Administration - Fleet	124115	CHEVROLET	VAN	TV0/1; CARGO VAN, EXPRESS, 3/4T	2007	Gas	13420	1167.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.03E+01	2.11E-04	1.36E-04	10.33
Department of Central Administration - Fleet	124116	CHEVROLET	P/U	PU2; FIRE; SILVERADO, CREW, 2500	2007	Gas	17101	1521.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.34E+01	2.68E-04	1.73E-04	13.46
Department of Central Administration - Fleet	124117	CHEVROLET	P/U	PU2; FIRE; SILVERADO, CREW, 2500	2007	Gas	23903	2035.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.79E+01	3.75E-04	2.41E-04	18.01
Department of Central Administration - Fleet	124118H	FORD	BUS	TB0; BUS; SUPREME; 20 PASSENGER	2006	Diesel	12019	4254.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	4.32E+01	6.13E-05	5.77E-05	43.20
Department of Central Administration - Fleet	124119H	FORD	BUS	TB0; BUS; SUPREME; 20 PASSENGER	2006	Diesel	11159	4375.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	4.44E+01	5.69E-05	5.36E-05	44.43
Department of Central Administration - Fleet	124120H	FORD	BUS	TB0; BUS; SUPREME; 20 PASSENGER	2006	Diesel	13801	3955.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	4.01E+01	7.04E-05	6.62E-05	40.17
Department of Central Administration - Fleet	124121	FORD	AUTO	CROWN VICTORIA	2007	Gas	3367	315.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.78E+00	4.95E-05	2.66E-05	2.79
Department of Central Administration - Fleet	124113	FORD	P/U	PU2/4W; FIRE; F250,SD SUP CAB 4X4 P/U	2006	Diesel	17944	1369.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.39E+01	1.79E-05	2.69E-05	13.91
Department of Central Administration - Fleet	124123	INTERNATIONAL	AMBULANCE	AMB2; AMBULANCE; HORTON 623, FIRE	2007	Diesel	21311	4873.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	4.95E+01	1.09E-04	1.02E-04	49.50
Department of Central Administration - Fleet	124112	FORD	SUV	SUV1; FIRE, EXPLORER XLT, 4X4	2006	Gas	8097	579.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.11E+00	1.27E-04	8.18E-05	5.13
Department of Central Administration - Fleet	124128	CHEVROLET	SUV	SUV1; SUBURBAN, 3/4T, V8, 4WD, FIRE	2007	Gas	12186	1226.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.08E+01	1.91E-04	1.23E-04	10.85
Department of Central Administration - Fleet	124129	CHEVROLET	SUV	SUV1; SUBURBAN, 3/4t, 4WD, V8, FIRE	2007	Gas	7117	716.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	6.31E+00	1.12E-04	7.19E-05	6.33
Department of Central Administration - Fleet	124130	HORTON	AMBULANCE	AMB2; AMBULANCE; FIRE	2007	Diesel	15591	3564.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.62E+01	7.95E-05	7.48E-05	36.21
Department of Central Administration - Fleet	124131	FORD	AUTO	CROWN VICTORIA	2007	Gas	21245	1159	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.02E+01	3.12E-04	1.68E-04	10.27
Department of Central Administration - Fleet	124132	CHEVROLET	VAN	SUV; UPLANDER	2007	Gas	9106	422.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	3.72E+00	1.43E-04	9.20E-05	3.75
Department of Central Administration - Fleet	124133	FORD	AUTO	CROWN VICTORIA	2007	Gas	9480	617.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	5.44E+00	1.39E-04	7.49E-05	5.47
Department of Central Administration - Fleet	124135	CHEVROLET	SUV	SUV1; SUBURBAN, 4WD	2007	Gas	1560	157.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.38E+00	2.45E-05	1.58E-05	1.39
Department of Central Administration - Fleet	124136	CHEVROLET	SUV	SUV1; SUBURBAN, 4WD	2007	Gas	1194	120.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.06E+00	1.87E-05	1.21E-05	1.06
Department of Central Administration - Fleet	124122	CHEVROLET	SUV	SUV1; SUBURBAN, 4WD	2007	Gas	14383	1447.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.28E+01	2.26E-04	1.45E-04	12.80
Department of Central Administration - Fleet	124102	DODGE	P/U	PU2; RAM 2500; FULL; QUAD CAB;	2006	Gas	14420	1354.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.19E+01	2.26E-04	1.46E-04	11.99
Department of Central Administration - Fleet	35724	TOYOTA	C&C	ST3/LG; REG,DRW,3500,114" DRY FRGT,ROLL DOOR,LIFT	1993	Gas	1296	122.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 1990-1995	8.81	kg/gallon	B/C	0.3246	g/mile	B/C	0.1142	g/mile	B/C	1.08E+00	4.21E-04	1.48E-04	1.13
Department of Central Administration - Fleet	124075	FORD	P/U	PU2/4W; FULL,REG,F250 SD XL,4WD,8' BOD,HITCH	2008	Diesel	2121	184.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.87E+00	2.12E-06	3.18E-06	1.87
Department of Central Administration - Fleet	124076	FORD	P/U	PU1/SP; F350 XL SD, SUPER CAB, W/SNOW PLOW, KNAP	2007	Diesel	6421	606.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	6.16E+00	6.42E-06	9.63E-06	6.16
Department of Central Administration - Fleet	124077	FORD	P/U	PU1/SP; F350 XL SD, SUPER CAB, SRW, W/SNOW PLOW	2007	Diesel	7718	623.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	6.33E+00	7.72E-06	1.16E-05	6.34
Department of Central Administration - Fleet	124078	FORD	P/U	PU1/SP; F350 XL SD, SUPER CAB,SRW, W/SNOW PLOW	2007	Diesel	8553	711.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	7.22E+00	8.55E-06	1.28E-05	7.22
Department of Central Administration - Fleet	124079	FORD	P/U	PU2/SP; F350 XL SD, REG CAB, SRW, W/SNOW PLOW PREP	2007	Diesel	15709	1192.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.21E+01	1.57E-05	2.36E-05	12.11
Department of Central Administration - Fleet	124080	FORD	P/U	PU1/SP; F350 XL SD, REG CAB, SRW, W/SNOW PLOW PREP	2007	Diesel	11415	1057.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.07E+01	1.14E-05	1.71E-05	10.74
Department of Central Administration - Fleet	124081	FORD	P/U	PU1/SP; F350 XL SD, REG CAB W/SNOW PLOW PREP PKG	2007	Diesel	19505	1711.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.74E+01	1.95E-05	2.93E-05	17.38
Department of Central Administration - Fleet	124114	MERCURY	SUV	SUV0; MARINER, HYBRID	2006	Gas	8849	352.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	3.10E+00	1.39E-04	8.94E-05	3.13
Department of Central Administration - Fleet	124101	FORD	P/U	PU2/4W; F250 SD; PICK-UP; SUP CAB; 4X4;	2006	Diesel	16389	1297.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.32E+01	1.64E-05	2.46E-05	13.18
Department of Central Administration - Fleet	124073	FORD	P/U	PU2/4W; FULL,REG,F250 SD XL,4WD,8' BOD,HITCH	2007	Diesel	2667	194.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.98E+00	2.67E-06	4.00E-06	1.98
Department of Central Administration - Fleet	124103	HONDA	AUTO	CIVIC	2000	Gas	466	25.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	2.25E-01	8.29E-06	1.27E-05	0.23
Department of Central Administration - Fleet	124104	GM	P/U	PU0; CANYON, PICKUP, EXTEND CAB,6'BED	2007	Gas	15734	1163.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.02E+01	2.47E-04	1.59E-04	10.30
Department of Central Administration - Fleet	124105	FORD	P/U	UT1; F350, SRW, REG CAB, UTIL BODY	2007	Diesel	2426	263.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	2.67E+00	2.43E-06	3.64E-06	2.67
Department of Central Administration - Fleet	124106	FORD	P/U	ST3; F350, SD,REG CAB, STAKE BODY	2007	Diesel	457	70.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	7.15E-01	4.57E-07	6.86E-07	0.71

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	124107	FORD	P/U	UT1; F350 XL SD, REG CAB, SRW,KNAPHEIDE UTIL BODY	2007	Diesel	9935	823.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	8.36E+00	9.94E-06	1.49E-05	8.36
Department of Central Administration - Fleet	124108	CHEVROLET	SUV	SUV1; TAHOE, FULL SIZE UTILITY, 4X4	2007	Gas	15287	1078.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	9.50E+00	2.40E-04	1.54E-04	9.56
Department of Central Administration - Fleet	124109	FORD	P/U	PU2; F350, XL CREW CAB P/U, 4X4	2008	Diesel	3608	543.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	5.52E+00	3.61E-06	5.41E-06	5.52
Department of Central Administration - Fleet	124111	CHEVROLET	SUV	SUV1; FIRE, TAHOE, FULL SIZE, 4X4, CK10706	2007	Gas	13970	985.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	8.68E+00	2.19E-04	1.41E-04	8.73
Department of Central Administration - Fleet	124082	FORD	P/U	PU1/SP; F350 XL SD, REG CAB W/SNOW PLOW PREP PKG	2007	Diesel	8916	785.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	7.97E+00	8.92E-06	1.34E-05	7.98
Department of Central Administration - Fleet	Z109988	BUICK	AUTO	REGAL	2000	Gas	12224	701.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	6.18E+00	2.18E-04	3.34E-04	6.29
Department of Central Administration - Fleet	Z109853	FORD	AUTO	CROWN VICTORIA	2001	Gas	749	53.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	4.74E-01	8.24E-06	1.18E-05	0.48
Department of Central Administration - Fleet	Z109916	FORD	AUTO	CROWN VICTORIA	2001	Gas	9441	622.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	5.49E+00	1.04E-04	1.49E-04	5.54
Department of Central Administration - Fleet	Z109917	FORD	AUTO	CROWN VICTORIA	2001	Gas	2045	130.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	1.15E+00	2.25E-05	3.23E-05	1.16
Department of Central Administration - Fleet	Z109918	FORD	AUTO	CROWN VICTORIA	2001	Gas	1153	112.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	9.93E-01	1.27E-05	1.82E-05	1.00
Department of Central Administration - Fleet	Z109921	FORD	AUTO	CROWN VICTORIA	2001	Gas	5486	548.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	4.83E+00	6.03E-05	8.67E-05	4.86
Department of Central Administration - Fleet	Z109929	FORD	AUTO	CROWN VICTORIA	2001	Gas	2288	179.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	1.58E+00	2.52E-05	3.62E-05	1.59
Department of Central Administration - Fleet	Z109931	FORD	AUTO	CROWN VICTORIA	2001	Gas	3213	186.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	1.64E+00	3.53E-05	5.08E-05	1.66
Department of Central Administration - Fleet	Z107955	FORD	AUTO	CROWN VICTORIA	2000	Gas	5327	460.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	4.06E+00	9.48E-05	1.45E-04	4.11
Department of Central Administration - Fleet	Z109987	CHEVROLET	AUTO	LUMINA	2000	Gas	13482	771.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	6.80E+00	2.40E-04	3.68E-04	6.92
Department of Central Administration - Fleet	Z109779	CHEVROLET	SUV	SUV0; COMPACT,4DR,4W,S-10 BLAZER	2000	Gas	14808	830.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	7.31E+00	5.12E-04	9.20E-04	7.61
Department of Central Administration - Fleet	Z110121	JEEP	UTIL	SUV1; COMPACT,4DR,4W,CHEROKEE	2001	Gas	848	61.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	5.38E-01	1.28E-05	1.39E-05	0.54
Department of Central Administration - Fleet	Z110123	JEEP	SUV	SUV0; COMPACT,4DR,4W,CHEROKEE	2001	Gas	4372	382.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	3.37E+00	6.60E-05	7.17E-05	3.39
Department of Central Administration - Fleet	Z110125	JEEP	SUV	SUV0; COMPACT,4DR,4W,CHEROKEE	2001	Gas	17228	1008.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	8.88E+00	2.60E-04	2.83E-04	8.98
Department of Central Administration - Fleet	Z110198	FORD	P/U	PU0/4W; COMPACT,EXT,4W,6' BOD	2001	Gas	16941	1319.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	1.16E+01	2.56E-04	2.78E-04	11.72
Department of Central Administration - Fleet	Z110205	DODGE	VAN	TV0/1; FULL,CARGO,REG,2500	2001	Gas	3801	130.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	1.15E+00	5.74E-05	6.23E-05	1.17
Department of Central Administration - Fleet	Z110206	DODGE	VAN	TV0/1; FULL,CARGO,REG,2500	2001	Gas	16744	1718.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	1.51E+01	2.53E-04	2.75E-04	15.23
Department of Central Administration - Fleet	Z110221	CHEVROLET	UTIL	SUV0; COMPACT,4DR,4W,S-10 BLAZER	2000	Gas	2019	150.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	1.33E+00	6.99E-05	1.25E-04	1.37
Department of Central Administration - Fleet	Z110271	OLDSMOBILE	AUTO	INTRIGUE	2000	Gas	5207	326.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	2.87E+00	9.27E-05	1.42E-04	2.92
Department of Central Administration - Fleet	Z109986	BUICK	AUTO	CENTURY	2000	Gas	6288	318.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	2.80E+00	1.12E-04	1.72E-04	2.86
Department of Central Administration - Fleet	Z107992	FORD	AUTO	CROWN VICTORIA	2000	Gas	6256	469.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	4.14E+00	1.11E-04	1.71E-04	4.19
Department of Central Administration - Fleet	33105	GM	VAN	ST3; STEP VAN,14 GW,18' BOX	1991	Gas	415	60.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1987-1993	8.81	kg/gallon	B/C	0.0813	g/mile	B/C	0.1035	g/mile	B/C	5.30E-01	3.37E-05	4.30E-05	0.54
Department of Central Administration - Fleet	Z107957	FORD	AUTO	CROWN VICTORIA	2000	Gas	10558	665.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	5.86E+00	1.88E-04	2.88E-04	5.96
Department of Central Administration - Fleet	Z107960	FORD	AUTO	CROWN VICTORIA	2000	Gas	5613	583	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	5.14E+00	9.99E-05	1.53E-04	5.19
Department of Central Administration - Fleet	Z107965	FORD	AUTO	CROWN VICTORIA	2000	Gas	6578	411.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	3.63E+00	1.17E-04	1.80E-04	3.68
Department of Central Administration - Fleet	Z107967	FORD	AUTO	CROWN VICTORIA	2000	Gas	1206	108.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	9.59E-01	2.15E-05	3.29E-05	0.97
Department of Central Administration - Fleet	Z107968	FORD	AUTO	CROWN VICTORIA	2000	Gas	7377	727.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	6.41E+00	1.31E-04	2.01E-04	6.48
Department of Central Administration - Fleet	Z107971	FORD	AUTO	CROWN VICTORIA	2000	Gas	1601	194.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.72E+00	2.85E-05	4.37E-05	1.73
Department of Central Administration - Fleet	Z107979	FORD	AUTO	CROWN VICTORIA	2000	Gas	5003	329.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	2.90E+00	8.91E-05	1.37E-04	2.94
Department of Central Administration - Fleet	Z109852	FORD	AUTO	CROWN VICTORIA	2001	Gas	3165	294.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	2.59E+00	3.48E-05	5.00E-05	2.61
Department of Central Administration - Fleet	Z107990	FORD	AUTO	CROWN VICTORIA	2000	Gas	2900	311.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	2.75E+00	5.16E-05	7.92E-05	2.77
Department of Central Administration - Fleet	Z109851	FORD	AUTO	CROWN VICTORIA	2001	Gas	4263	395.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2001	8.81	kg/gallon	B/C	0.0110	g/mile	B/C	0.0158	g/mile	B/C	3.49E+00	4.69E-05	6.74E-05	3.51
Department of Central Administration - Fleet	Z107994	FORD	AUTO	CROWN VICTORIA	2000	Gas	5382	565.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	4.98E+00	9.58E-05	1.47E-04	5.03
Department of Central Administration - Fleet	Z107995	FORD	AUTO	CROWN VICTORIA	2000	Gas	4273	287.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	2.53E+00	7.61E-05	1.17E-04	2.57
Department of Central Administration - Fleet	Z107998	FORD	AUTO	CROWN VICTORIA	2000	Gas	12842	926.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	8.16E+00	2.29E-04	3.51E-04	8.28
Department of Central Administration - Fleet	Z108001	FORD	AUTO	CROWN VICTORIA	2000	Gas	4991	341.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	3.01E+00	8.88E-05	1.36E-04	3.06
Department of Central Administration - Fleet	Z108004	FORD	AUTO	CROWN VICTORIA	2000	Gas	10435	663.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	5.84E+00	1.86E-04	2.85E-04	5.94
Department of Central Administration - Fleet	Z108177	FORD	VAN	TV0; FULL,CARGO,REG,350,SIDE GLASS	2000	Gas	7288	1198.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	1.06E+01	2.52E-04	4.53E-04	10.71
Department of Central Administration - Fleet	Z109778	BUICK	AUTO	CENTURY	2000	Gas	12380	453.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	4.00E+00	2.20E-04	3.38E-04	4.11
Department of Central Administration - Fleet	Z113131	FORD	AUTO	CROWN VICTORIA	2002	Gas	1200	95.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	8.40E-01	1.28E-05	1.84E-05	0.85
Department of Central Administration - Fleet	Z107982	FORD	AUTO	CROWN VICTORIA	2000	Gas	1719	124.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.10E+00	3.06E-05	4.69E-05	1.12
Department of Central Administration - Fleet	Z41813	CHEVROLET	P/U	PU2/4W; FULL,EXT,4W,2500,8' BOD,HITCH	1998	Diesel	1618	158.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.60E+00	1.62E-06	2.43E-06	1.61
Department of Central Administration - Fleet	Z111494	CHEVROLET	VAN	TV0/1; FULL,CARGO,REG,2500 W/GLASS	2001	Gas	4727	361.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	8.81	kg/gallon	B/C	0.0151	g/mile	B/C	0.0164	g/mile	B/C	3.18E+00	7.14E-05	7.75E-05	3.21

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	Z39921	FORD	AUTO	CROWN VICTORIA	1996	Gas	725	51.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1996	8.81	kg/gallon	B/C	0.0272	g/mile	B/C	0.0426	g/mile	B/C	4.54E-01	1.97E-05	3.09E-05	0.46
Department of Central Administration - Fleet	Z41552	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	1999	Diesel	757	244.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.48E+00	1.42E-04	6.36E-05	2.50
Department of Central Administration - Fleet	Z41554	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	1999	Diesel	930	275.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.79E+00	1.60E-04	7.16E-05	2.82
Department of Central Administration - Fleet	Z41555	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	1999	Diesel	861	266.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.71E+00	1.55E-04	6.93E-05	2.73
Department of Central Administration - Fleet	Z41556	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	1999	Diesel	850	324.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.29E+00	1.88E-04	8.43E-05	3.32
Department of Central Administration - Fleet	Z41558	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	1999	Diesel	2510	551.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	5.59E+00	3.20E-04	1.43E-04	5.65
Department of Central Administration - Fleet	Z41559	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	1999	Diesel	1269	432.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.39E+00	2.51E-04	1.12E-04	4.43
Department of Central Administration - Fleet	Z39363	CHEVROLET	P/U	PU1; FULL,REG,3500,8' BOD,HITCH	1996	Diesel	4258	254.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	2.59E+00	4.26E-06	6.39E-06	2.59
Department of Central Administration - Fleet	Z41562	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	1999	Diesel	1594	378.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.84E+00	2.20E-04	9.85E-05	3.88
Department of Central Administration - Fleet	Z39353	CHEVROLET	P/U	PU0; COMPACT,EXT,6' BOD,CAP	1996	Gas	1984	118.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1996	8.81	kg/gallon	B/C	0.0452	g/mile	B/C	0.0871	g/mile	B/C	1.04E+00	8.97E-05	1.73E-04	1.10
Department of Central Administration - Fleet	Z41842	CHEVROLET	AUTO	LUMINA	1998	Gas	186	8.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars -1998	8.81	kg/gallon	B/C	0.0249	g/mile	B/C	0.0393	g/mile	B/C	7.84E-02	4.63E-06	7.31E-06	0.08
Department of Central Administration - Fleet	Z41845	CHEVROLET	AUTO	LUMINA	1998	Gas	1130	40.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars -1998	8.81	kg/gallon	B/C	0.0249	g/mile	B/C	0.0393	g/mile	B/C	3.56E-01	2.81E-05	4.44E-05	0.37
Department of Central Administration - Fleet	Z41993	CHEVROLET	P/U	PU0; COMPACT,EXT,6' BOD,CAP	1998	Gas	11151	666.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1998	8.81	kg/gallon	B/C	0.0391	g/mile	B/C	0.0728	g/mile	B/C	5.87E+00	4.36E-04	8.12E-04	6.13
Department of Central Administration - Fleet	Z42034	CHEVROLET	P/U	PU1; FULL,CREW,DRW,3500,8' BOD,HITCH	1998	Diesel	3646	295.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	3.00E+00	3.65E-06	5.47E-06	3.00
Department of Central Administration - Fleet	Z42055	FORD	UTIL	SUV0; EXPLORER	1996	Gas	536	34.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1996	8.81	kg/gallon	B/C	0.0452	g/mile	B/C	0.0871	g/mile	B/C	3.01E-01	2.42E-05	4.67E-05	0.32
Department of Central Administration - Fleet	Z42094H	FORD	BUS	TB0; BUS; 16 PASSENGER	1998	Gas	8864	2897.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 1998	8.81	kg/gallon	B/C	0.0641	g/mile	B/C	0.1693	g/mile	B/C	2.55E+01	5.68E-04	1.50E-03	26.00
Department of Central Administration - Fleet	Z42117	FORD	VAN	TV0/1; FULL,CARGO,REG,250,FULL GLASS	1999	Gas	3537	368.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	3.25E+00	1.14E-04	1.99E-04	3.31
Department of Central Administration - Fleet	Z42163	GM	P/U	PU2/SP; FULL,EXT,4W,2500,8' BOD,PLOW,SPRD,HITCH	1999	Diesel	1263	99.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.01E+00	1.26E-06	1.89E-06	1.01
Department of Central Administration - Fleet	Z41560	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	1999	Diesel	1263	393.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.99E+00	2.28E-04	1.02E-04	4.03
Department of Central Administration - Fleet	Z23339	T.C.M.	FORKL	FL1; FORKLIFT; FD40Z6	1988	Diesel	25	24.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.45E-01	1.40E-05	6.27E-06	0.25
Department of Central Administration - Fleet	Z107953	FORD	AUTO	CROWN VICTORIA	2000	Gas	394	39.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	3.45E-01	7.01E-06	1.08E-05	0.35
Department of Central Administration - Fleet	Z113134	FORD	AUTO	CROWN VICTORIA	2002	Gas	9462	592	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	5.22E+00	1.01E-04	1.45E-04	5.26
Department of Central Administration - Fleet	Z113139	FORD	AUTO	CROWN VICTORIA	2002	Gas	6652	423.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	3.73E+00	7.12E-05	1.02E-04	3.76
Department of Central Administration - Fleet	Z113146	FORD	AUTO	CROWN VICTORIA	2002	Gas	1992	127	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.12E+00	2.13E-05	3.05E-05	1.13
Department of Central Administration - Fleet	Z113147	FORD	AUTO	CROWN VICTORIA	2002	Gas	3788	247.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	2.18E+00	4.05E-05	5.80E-05	2.20
Department of Central Administration - Fleet	Z113151	FORD	AUTO	CROWN VICTORIA	2002	Gas	9222	711.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	6.27E+00	9.87E-05	1.41E-04	6.31
Department of Central Administration - Fleet	Z113152	FORD	AUTO	CROWN VICTORIA	2002	Gas	16794	1182.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.04E+01	1.80E-04	2.57E-04	10.50
Department of Central Administration - Fleet	Z113158	FORD	AUTO	CROWN VICTORIA	2002	Gas	1425	87.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	7.74E-01	1.52E-05	2.18E-05	0.78
Department of Central Administration - Fleet	Z39365	CHEVROLET	P/U	PU1; FULL,REG,3500,8' BOD,HITCH	1996	Diesel	307	17.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.78E-01	3.07E-07	4.61E-07	0.18
Department of Central Administration - Fleet	Z121873H	FORD	AUTO	TAURUS	2000	Gas	24003	1143.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.01E+01	4.27E-04	6.55E-04	10.28
Department of Central Administration - Fleet	Z112148	PONTIAC	AUTO	GRAND PRIX	2000	Gas	10808	513.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	4.52E+00	1.92E-04	2.95E-04	4.62
Department of Central Administration - Fleet	Z30060	INTERNATIONAL	DUMP	ST2/WT; REG,21.5 GW,9' BOD,T-BOX,TANK	1991	Diesel	880	150.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.53E+00	8.73E-05	3.91E-05	1.54
Department of Central Administration - Fleet	Z33348	CHEVROLET	AUTO	CAPRICE	1991	Gas	350	43.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1984-1993	8.81	kg/gallon	B/C	0.0704	g/mile	B/C	0.0647	g/mile	B/C	3.81E-01	2.46E-05	2.26E-05	0.39
Department of Central Administration - Fleet	Z33543	EMERGENCY 1	TRUCK	TOWER; FIRE; HURRICANE	1991	Diesel	435	35.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.56E-01	2.22E-06	2.09E-06	0.36
Department of Central Administration - Fleet	Z37642	NEW HOLLAND	HVYEQ	WL4; LOADER; SKID STEER; HP;	1994	Diesel	56	64.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	6.54E-01	3.74E-05	1.67E-05	0.66
Department of Central Administration - Fleet	Z38924	BOBCAT	HVYEQ	WL4; SKIDLOADER; MELROE/BOBCAT MODEL 853H	1995	Diesel	6	26.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.67E-01	1.53E-05	6.85E-06	0.27
Department of Central Administration - Fleet	Z39348	CHEVROLET	P/U	PU0; COMPACT,REG,6' BOD	1996	Gas	3932	233.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1996	8.81	kg/gallon	B/C	0.0452	g/mile	B/C	0.0871	g/mile	B/C	2.05E+00	1.78E-04	3.42E-04	2.16
Department of Central Administration - Fleet	Z39350	CHEVROLET	P/U	PU0; COMPACT,EXT,6' BOD,CAP	1996	Gas	184	11.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1996	8.81	kg/gallon	B/C	0.0452	g/mile	B/C	0.0871	g/mile	B/C	1.01E-01	8.32E-06	1.60E-05	0.11
Department of Central Administration - Fleet	Z39352	CHEVROLET	P/U	PU0; COMPACT,EXT,6' BOD,CAP	1996	Gas	1900	185.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1996	8.81	kg/gallon	B/C	0.0452	g/mile	B/C	0.0871	g/mile	B/C	1.63E+00	8.59E-05	1.65E-04	1.68
Department of Central Administration - Fleet	Z117512	FORD	P/U	PU0/4W; COMPACT,EXT,4W,6' BOD (OFF LEASE)	2002	Gas	27213	1743.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2002	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0228	g/mile	B/C	1.54E+01	4.84E-04	6.20E-04	15.56
Department of Central Administration - Fleet	41401	INTERNATIONAL	AMBULANCE	AMB2; AMBULANCE; HORTON; 4700 DS;	1997	Diesel	302	65.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	6.63E-01	1.54E-06	1.45E-06	0.66
Department of Central Administration - Fleet	40964	CATERPILLAR	HVYEQ	WL3; LOADER/IT; IT-14-G; 90 HP; CY	1998	Diesel	3	349.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.55E+00	2.03E-04	9.08E-05	3.58
Department of Central Administration - Fleet	40972	DODGE	HVYEQ	APC0; PEACE KEEPER (APC)	1980	Gas	282	68.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 1985-1986	8.81	kg/gallon	B/C	0.4090	g/mile	B/C	0.0515	g/mile	B/C	6.01E-01	1.15E-04	1.45E-05	0.61
Department of Central Administration - Fleet	41003	GM	DUMP	ST1; REG,37 GW,16' STAKE DUMP,CVR,HITCH,WINCH	1998	Diesel	2203	267.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.71E+00	1.55E-04	6.95E-05	2.74

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	41004	GM	TRUCK	ST1; CREW,37 GW,14' FLAT,COMPRESSOR CONV	1998	Diesel	3224	914	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	9.28E+00	1.64E-05	1.55E-05	9.28
Department of Central Administration - Fleet	41005	GM	TRUCK	ST1; CREW,37 GW,14' FLAT,COMPRESSOR CONV	1998	Diesel	2686	707.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	7.19E+00	1.37E-05	1.29E-05	7.19
Department of Central Administration - Fleet	41045	BRUSH BANDIT	TRAIL	CHT1; CHIPPER	1997	Diesel	125	217.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.21E+00	6.38E-07	6.00E-07	2.21
Department of Central Administration - Fleet	41237	JEEP	SUV	SUV0; COMPACT,4DR,4W,CHEROKEE	1997	Gas	4632	303.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1997	8.81	kg/gallon	B/C	0.0452	g/mile	B/C	0.0871	g/mile	B/C	2.67E+00	2.09E-04	4.03E-04	2.80
Department of Central Administration - Fleet	Z107956	FORD	AUTO	CROWN VICTORIA	2000	Gas	7650	649.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	5.72E+00	1.36E-04	2.09E-04	5.79
Department of Central Administration - Fleet	41337	JEEP	SUV	SUV0; COMPACT,4DR,4W,CHEROKEE	1998	Gas	9772	684.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1998	8.81	kg/gallon	B/C	0.0391	g/mile	B/C	0.0728	g/mile	B/C	6.03E+00	3.82E-04	7.11E-04	6.26
Department of Central Administration - Fleet	40840	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	1998	Diesel	3872	941.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	9.56E+00	5.46E-04	2.45E-04	9.64
Department of Central Administration - Fleet	41553	INTERNATIONAL	DUMP	DTN3; REG,35 GW,9' BOD,CVR,VIB,PLW,SPD; 8CY; S-AX	1999	Diesel	1777	501.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	5.09E+00	2.91E-04	1.30E-04	5.13
Department of Central Administration - Fleet	41557	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	1999	Diesel	2398	585.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	5.95E+00	3.40E-04	1.52E-04	6.00
Department of Central Administration - Fleet	41561	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	1999	Diesel	2515	670.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	6.81E+00	3.89E-04	1.74E-04	6.87
Department of Central Administration - Fleet	41740	FORD	SUV	PU0; UTIL, FIRE	1998	Gas	100	15.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1998	8.81	kg/gallon	B/C	0.0391	g/mile	B/C	0.0728	g/mile	B/C	1.34E-01	3.91E-06	7.28E-06	0.14
Department of Central Administration - Fleet	41749	CHEVROLET	P/U	PU2/4W; FULL,REG,4W,2500,8' BOD	1998	Diesel	1665	326.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	3.31E+00	1.67E-06	2.50E-06	3.31
Department of Central Administration - Fleet	41774	CHEVROLET	C&C	UT1; REG,3500,8', UTILITY	1998	Diesel	3687	265.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.69E+00	1.54E-04	6.89E-05	2.71
Department of Central Administration - Fleet	41793	JOHN DEERE	ATV	ATV0/B; JOHN DEER GATOR TURF TRUCK; BED	1998	Gas	267	76.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Other Small Utility	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	6.71E-01	3.81E-05	1.68E-05	0.68
Department of Central Administration - Fleet	41843	CHEVROLET	AUTO	LUMINA	1998	Gas	4351	220	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars -1998	8.81	kg/gallon	B/C	0.0249	g/mile	B/C	0.0393	g/mile	B/C	1.94E+00	1.08E-04	1.71E-04	1.99
Department of Central Administration - Fleet	41238	JEEP	SUV	SUV0; COMPACT,4DR,4W,CHEROKEE	1997	Gas	2271	142.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1997	8.81	kg/gallon	B/C	0.0452	g/mile	B/C	0.0871	g/mile	B/C	1.26E+00	1.03E-04	1.98E-04	1.32
Department of Central Administration - Fleet	39622	CHEVROLET	VAN	TV3; VAN; FULL; 8 PASS.; REG; 2500; HITCH	1997	Gas	7261	524	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1997	8.81	kg/gallon	B/C	0.0452	g/mile	B/C	0.0871	g/mile	B/C	4.62E+00	3.28E-04	6.32E-04	4.82
Department of Central Administration - Fleet	36024	CHEVROLET	P/U	PU1; FULL,REG,3500,8' BOD	1994	Gas	1881	383.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1994	8.81	kg/gallon	B/C	0.0646	g/mile	B/C	0.0982	g/mile	B/C	3.38E+00	1.22E-04	1.85E-04	3.44
Department of Central Administration - Fleet	36156	MYERS	HVYEQ	PEABODY MYERS VAC SEWER UNIT	1994	Diesel	1512	166	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.68E+00	7.71E-06	7.26E-06	1.69
Department of Central Administration - Fleet	36355	FORD	P/U	BPF6; FULL; REG; 4X4; F250; 8' BODY; LG. CAPACITY	1994	Diesel	811	81.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1983-1995	10.15	kg/gallon	B/C	0.0009	g/mile	B/C	0.0014	g/mile	B/C	8.29E-01	7.30E-07	1.14E-06	0.83
Department of Central Administration - Fleet	36889	INTERNATIONAL	BUS	MC2; INT L HARVESTER COMMAND VEHIC	1994	Diesel	860	216.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.20E+00	4.39E-06	4.13E-06	2.20
Department of Central Administration - Fleet	37113	CHEVROLET	AUTO	CAVALIER	1995	Gas	6306	240.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars -1995	8.81	kg/gallon	B/C	0.0358	g/mile	B/C	0.0473	g/mile	B/C	2.12E+00	2.26E-04	2.98E-04	2.22
Department of Central Administration - Fleet	37871	FORD	TRUCK	PAINT STRIPE; REG CABOVER,LDI CONV	1995	Diesel	2679	726.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	7.38E+00	1.37E-05	1.29E-05	7.38
Department of Central Administration - Fleet	39140	FORD	AUTO	CROWN VICTORIA	1996	Gas	10137	574.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1996	8.81	kg/gallon	B/C	0.0272	g/mile	B/C	0.0426	g/mile	B/C	5.06E+00	2.76E-04	4.32E-04	5.20
Department of Central Administration - Fleet	39141	FORD	AUTO	CROWN VICTORIA	1996	Gas	4206	378.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1996	8.81	kg/gallon	B/C	0.0272	g/mile	B/C	0.0426	g/mile	B/C	3.33E+00	1.14E-04	1.79E-04	3.39
Department of Central Administration - Fleet	40842	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	1998	Diesel	2300	511.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	5.19E+00	2.97E-04	1.33E-04	5.24
Department of Central Administration - Fleet	39616A	GRADALL	HVYEQ	HET1; EXCAVATOR XL4100	1995	Diesel	33	496.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	5.04E+00	2.88E-04	1.29E-04	5.08
Department of Central Administration - Fleet	40841	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	1998	Diesel	6498	1624.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.65E+01	9.42E-04	4.22E-04	16.64
Department of Central Administration - Fleet	39623	CHEVROLET	VAN	TV3; VAN; FULL; 8 PASS.; REG; 2500; HITCH	1997	Gas	932	352.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1997	8.81	kg/gallon	B/C	0.0452	g/mile	B/C	0.0871	g/mile	B/C	3.11E+00	4.21E-05	8.12E-05	3.13
Department of Central Administration - Fleet	40067	FORD	AUTO	CROWN VICTORIA	1996	Gas	4036	248.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1996	8.81	kg/gallon	B/C	0.0272	g/mile	B/C	0.0426	g/mile	B/C	2.19E+00	1.10E-04	1.72E-04	2.25
Department of Central Administration - Fleet	40525	EXCEL	TRACT	MOWER, EXCEL 4600; 72";	1997	Diesel	339	177	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.80E+00	1.73E-06	1.63E-06	1.80
Department of Central Administration - Fleet	40526	HUSTLER	TRACT	MOWER, EXCEL 4600; 72";	1997	Diesel	51	56.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	5.77E-01	2.60E-07	2.45E-07	0.58
Department of Central Administration - Fleet	40527	HUSTLER	TRACT	MOWER, EXCEL 4600; 72";	1997	Diesel	41	26.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.69E-01	2.09E-07	1.97E-07	0.27
Department of Central Administration - Fleet	40838	INTERNATIONAL	TRUCK	SFT0; SEWER FLUSH, REG,36 GW,SEWER FLUSH CONV	1998	Diesel	3010	787.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	8.00E+00	1.54E-05	1.44E-05	8.00
Department of Central Administration - Fleet	40839	INTERNATIONAL	DUMP	DTN3; REG,36 GW,9' BOD,CVR,VIB,PLW,SPD,HTH,8CY, S-A	1998	Diesel	1617	501.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	5.09E+00	2.91E-04	1.30E-04	5.14
Department of Central Administration - Fleet	41990	YAMAHA	ATV	ATV0; 4WD BIG BEAR 350	1998	Gas	28	2.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Other Small Utility	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	2.42E-02	1.38E-06	6.05E-07	0.02
Department of Central Administration - Fleet	39616	GRADALL	HVYEQ	HET1; EXCAVATOR; XL4100; HP;	1995	Diesel	1145	296.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.01E+00	1.72E-04	7.72E-05	3.04
Department of Central Administration - Fleet	Z105738	FORD	VAN	TV0/1; FULL,CARGO,REG,250	1999	Gas	255	21.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.93E-01	8.19E-06	1.44E-05	0.20
Department of Central Administration - Fleet	41966	FORD	AUTO	CROWN VICTORIA	1997	Gas	4702	281.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars -1997	8.81	kg/gallon	B/C	0.0268	g/mile	B/C	0.0422	g/mile	B/C	2.48E+00	1.26E-04	1.98E-04	2.55
Department of Central Administration - Fleet	Z105692	JEEP	UTIL	SUV0; COMPACT,4DR,4W,CHEROKEE	1999	Gas	1506	102.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	9.07E-01	4.83E-05	8.49E-05	0.93
Department of Central Administration - Fleet	Z105698	FORD	P/U	PU3/4W; FULL,REG,4W,150,6' BOD	1999	Gas	10994	1202.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.06E+01	3.53E-04	6.20E-04	10.80
Department of Central Administration - Fleet	Z105699	FORD	P/U	PU3/4W; FULL,REG,4W,150,6' BOD	1999	Gas	5647	611.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	5.38E+00	1.81E-04	3.18E-04	5.49
Department of Central Administration - Fleet	Z105700	FORD	P/U	PU3/4W; FULL,REG,4W,150,6' BOD	1999	Gas	16385	1358.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.20E+01	5.26E-04	9.24E-04	12.26
Department of Central Administration - Fleet	Z105706	FORD	P/U	PU2/4W; FULL,EXT,4X4,F250,8' BOD,HITCH	1999	Diesel	14506	1082.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.10E+01	1.45E-05	2.18E-05	11.00

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	Z105729	FORD	C&C	UT1; REG,F350SD,4W,DRW,9',UTIL,PLOW,HITCH,FUELTANK	1999	Diesel	11952	1076.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.09E+01	6.25E-04	2.80E-04	11.03
Department of Central Administration - Fleet	Z105730	FORD	C&C	DTN4; EXT,4W,DRW,350,9' DUMP,CVR,PLOW,HITCH	1999	Diesel	6830	780.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	7.93E+00	4.53E-04	2.03E-04	8.00
Department of Central Administration - Fleet	Z105681	FORD	P/U	PU0; COMPACT,EXT,6' BOD	1999	Gas	4257	315.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	2.78E+00	1.37E-04	2.40E-04	2.86
Department of Central Administration - Fleet	Z105736	FORD	VAN	TV0/1; FULL,CARGO,REG,250	1999	Gas	30310	1093	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	9.63E+00	9.73E-04	1.71E-03	10.18
Department of Central Administration - Fleet	Z105678	FORD	P/U	PU0; COMPACT,EXT,6' BOD	1999	Gas	1473	65.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	5.77E-01	4.73E-05	8.31E-05	0.60
Department of Central Administration - Fleet	Z105739	FORD	VAN	TV0/1; FULL,CARGO,REG,250	1999	Gas	713	117.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.03E+00	2.29E-05	4.02E-05	1.04
Department of Central Administration - Fleet	Z105745	FORD	VAN	TV0/1; FULL,CARGO,REG,250,ANIMAL CONV	1999	Gas	489	40.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	3.60E-01	1.57E-05	2.76E-05	0.37
Department of Central Administration - Fleet	Z105756	FORD	VAN	TV0/1; COMPACT,CARGO,WINDSTAR,FULL GLASS	1999	Gas	600	225.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.98E+00	1.93E-05	3.38E-05	1.99
Department of Central Administration - Fleet	Z105817	BUICK	AUTO	CENTURY	1998	Gas	3051	132.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars -1998	8.81	kg/gallon	B/C	0.0249	g/mile	B/C	0.0393	g/mile	B/C	1.17E+00	7.60E-05	1.20E-04	1.21
Department of Central Administration - Fleet	Z107295 H	FORD	BUS	TB0/WC; BUS; 16 PASSENGER w/WHEELCHAIR	1999	Gas	6949	2270.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 1999	8.81	kg/gallon	B/C	0.0578	g/mile	B/C	0.1435	g/mile	B/C	2.00E+01	4.02E-04	9.97E-04	20.32
Department of Central Administration - Fleet	Z107299 H	FORD	BUS	TB0; BUS	1999	Gas	8607	2813.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 1999	8.81	kg/gallon	B/C	0.0578	g/mile	B/C	0.1435	g/mile	B/C	2.48E+01	4.97E-04	1.24E-03	25.18
Department of Central Administration - Fleet	Z107861	CHEVROLET	C&C	UT1; REG,3500,8', UTILITY,PLOW	2000	Diesel	443	42.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.33E-01	2.47E-05	1.11E-05	0.44
Department of Central Administration - Fleet	Z107952	FORD	AUTO	CROWN VICTORIA	2000	Gas	11116	899.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	7.92E+00	1.98E-04	3.03E-04	8.02
Department of Central Administration - Fleet	Z105732	CHEVROLET	P/U	PU0/4W; COMPACT,REG,4W,6.5' BOD,CAP (OFF LEASE)	1996	Gas	833	62.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1996	8.81	kg/gallon	B/C	0.0452	g/mile	B/C	0.0871	g/mile	B/C	5.54E-01	3.77E-05	7.26E-05	0.58
Department of Central Administration - Fleet	42164	GM	P/U	PU2/4W; FULL,EXT,4W,2500,8' BOD,CAP,DRILL RIG CONV	1999	Diesel	8691	660.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	6.70E+00	8.69E-06	1.30E-05	6.70
Department of Central Administration - Fleet	124055	BUICK	AUTO	LACROSSE	2007	Gas	5579	291	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.56E+00	8.20E-05	4.41E-05	2.58
Department of Central Administration - Fleet	41991	CHEVROLET	P/U	PU1; FULL,CREW,DRW,3500,8' BOD	1998	Diesel	2437	357.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	3.63E+00	2.44E-06	3.66E-06	3.63
Department of Central Administration - Fleet	42115	FORD	P/U	PU3/SP; FULL,REG,4W,150,6.5' BOD,PLOW	1999	Gas	6067	697.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	6.14E+00	1.95E-04	3.42E-04	6.25
Department of Central Administration - Fleet	42116	FORD	P/U	PU3/SP; FULL,REG,4W,F150,6' BOD,PLOW,HITCH	1999	Gas	10522	1008.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	8.88E+00	3.38E-04	5.93E-04	9.07
Department of Central Administration - Fleet	42157	GM	DUMP	1 TON 3500 DRW 8.5' DUMP BODY W/PLOW, SPRD 8 CYL	1999	Diesel	7775	829.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.42E+00	4.81E-04	2.16E-04	8.50
Department of Central Administration - Fleet	42158	GM	DUMP	1 TON 3500 DRW 8.5' DUMP BODY W/PLOW, SPRD 8 CYL	1999	Diesel	3600	434.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.41E+00	2.52E-04	1.13E-04	4.45
Department of Central Administration - Fleet	42159	GM	DUMP	1 TON 3500 DRW 8.5' DUMP BODY W/PLOW, SPRD 8 CYL	1999	Diesel	4379	451.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.58E+00	2.62E-04	1.17E-04	4.62
Department of Central Administration - Fleet	42160	GM	DUMP	1 TON 3500 DRW 10' DUMP BODY W/PLOW, SPRD 8 CYL	1999	Diesel	2978	328.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.33E+00	1.90E-04	8.53E-05	3.36
Department of Central Administration - Fleet	Z105689	FORD	P/U	PU0/4W; COMPACT,EXT,4W,6' BOD,CAP	1999	Gas	2659	195.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.72E+00	8.54E-05	1.50E-04	1.77
Department of Central Administration - Fleet	42162	GM	P/U	PU2/SP; FULL,EXT,4W,2500,8' BOD,PLOW,HITCH	1999	Diesel	5344	448.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	4.56E+00	5.34E-06	8.02E-06	4.56
Department of Central Administration - Fleet	41988	JEEP	SUV	SUV0; COMPACT,4DR,4W,CHEROKEE (OFF LEASE)	1996	Gas	6199	388.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1996	8.81	kg/gallon	B/C	0.0452	g/mile	B/C	0.0871	g/mile	B/C	3.42E+00	2.80E-04	5.40E-04	3.59
Department of Central Administration - Fleet	42165	GM	P/U	PU0; COMPACT,EXT,6' BOD	1999	Gas	5956	517.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	4.56E+00	1.91E-04	3.36E-04	4.67
Department of Central Administration - Fleet	42190	EMERGENCY 1	TOWER	FTA1; TOWER; HURRICANE; PLATFORM	1999	Diesel	6355	3081.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.13E+01	3.24E-05	3.05E-05	31.29
Department of Central Administration - Fleet	Z.39144	FORD	AUTO	CROWN VICTORIA	1996	Gas	1568	98.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1996	8.81	kg/gallon	B/C	0.0272	g/mile	B/C	0.0426	g/mile	B/C	8.65E-01	4.26E-05	6.68E-05	0.89
Department of Central Administration - Fleet	Z104891	CHEVROLET	C&C	UT1/0; REG,3500,4W,DRW,11' UTILITY,GVW12,000	1999	Diesel	90	20.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.07E-01	1.18E-05	5.30E-06	0.21
Department of Central Administration - Fleet	Z104892	CHEVROLET	TRUCK	BBT0; REG, 13 GW, 3500HD,11'UTIL, AERIAL LIFT CONV	1994	Diesel	158	37.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.85E-01	8.06E-07	7.58E-07	0.38
Department of Central Administration - Fleet	Z105405	FORD	AUTO	CROWN VICTORIA	1999	Gas	5518	488.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1999	8.81	kg/gallon	B/C	0.0216	g/mile	B/C	0.0337	g/mile	B/C	4.30E+00	1.19E-04	1.86E-04	4.36
Department of Central Administration - Fleet	Z105420	FORD	AUTO	CROWN VICTORIA	1999	Gas	2655	250.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1999	8.81	kg/gallon	B/C	0.0216	g/mile	B/C	0.0337	g/mile	B/C	2.21E+00	5.73E-05	8.95E-05	2.24
Department of Central Administration - Fleet	Z105428	FORD	AUTO	CROWN VICTORIA	1999	Gas	392	15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 1999	8.81	kg/gallon	B/C	0.0216	g/mile	B/C	0.0337	g/mile	B/C	1.32E-01	8.47E-06	1.32E-05	0.14
Department of Central Administration - Fleet	42161	GM	DUMP	1 TON 3500 DRW 9" DUMP BODY W/PLOW, SPRD 8 CYL	1999	Diesel	2835	292.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.97E+00	1.70E-04	7.62E-05	3.00
Department of Central Administration - Fleet	121062	FORD	AUTO	FIVE HUNDRED SE, 4D	2005	Gas	11050	571.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	5.04E+00	1.62E-04	8.73E-05	5.07
Department of Central Administration - Fleet	122482	BUICK	AUTO	LACROSSE	2006	Gas	773	40.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	3.60E-01	1.14E-05	6.11E-06	0.36
Department of Central Administration - Fleet	121066	STERLING	DUMP	DTN1/0; DUMP, 84GVW, TRIAXLE, STERLING MBE4000-41H	2006	Diesel	8247	1861	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.89E+01	1.08E-03	4.84E-04	19.06
Department of Central Administration - Fleet	121065	CHEVROLET	P/U	PU0/4W; PICKUP, EXT CAB, 4WD, COLORADO	2005	Gas	6704	432.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	3.81E+00	1.05E-04	6.77E-05	3.83
Department of Central Administration - Fleet	122592	CHEVROLET	AUTO	IMPALA	2006	Gas	16581	862.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	7.60E+00	2.44E-04	1.31E-04	7.64
Department of Central Administration - Fleet	122593	CHEVROLET	AUTO	IMPALA	2006	Gas	13671	759.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.69E+00	2.01E-04	1.08E-04	6.73
Department of Central Administration - Fleet	122594	CHEVROLET	AUTO	IMPALA	2006	Gas	11393	827.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	7.29E+00	1.67E-04	9.00E-05	7.32
Department of Central Administration - Fleet	121063	FORD	AUTO	FIVE HUNDRED SE, 4D	2005	Gas	15212	587.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	5.17E+00	2.24E-04	1.20E-04	5.22
Department of Central Administration - Fleet	122591	FORD	P/U	PU2/4W; F250 SD XLT CREW CAB P/U, 4X4	2006	Gas	17660	1695.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.49E+01	2.77E-04	1.78E-04	15.00
Department of Central Administration - Fleet	122596	CHEVROLET	AUTO	IMPALA	2006	Gas	17682	1009	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.89E+00	2.60E-04	1.40E-04	8.94

Mobile Combustion Sources

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Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	121189	CHEVROLET	VAN	TV2; VAN, 15 PASS, EXTENDED,	2006	Gas	7200	563.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	4.96E+00	1.13E-04	7.27E-05	4.99
Department of Central Administration - Fleet	121060	FORD	AUTO	FIVE HUNDRED SE, 4D	2005	Gas	9994	455.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	4.01E+00	1.47E-04	7.90E-05	4.04
Department of Central Administration - Fleet	122597	FORD	AUTO	CROWN VICTORIA	2006	Gas	21765	2066.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.82E+01	3.20E-04	1.72E-04	18.26
Department of Central Administration - Fleet	121048	DODGE	VAN	TV2; SPRINTER 2500, 15 PASSENGER BUS/VAN	2004	Diesel	3779	195.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.98E+00	3.78E-06	5.67E-06	1.98
Department of Central Administration - Fleet	122598	FORD	AUTO	CROWN VICTORIA	2006	Gas	17866	1267.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1997	8.81	kg/gallon	B/C	0.0452	g/mile	B/C	0.0871	g/mile	B/C	1.12E+01	8.08E-04	1.56E-03	11.66
Department of Central Administration - Fleet	122599	FORD	AUTO	CROWN VICTORIA	2006	Gas	16855	1348.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.19E+01	5.41E-04	9.51E-04	12.19
Department of Central Administration - Fleet	122600	FORD	AUTO	CROWN VICTORIA	2006	Gas	19783	1109.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	9.77E+00	6.35E-04	1.12E-03	10.13
Department of Central Administration - Fleet	122601	FORD	AUTO	CROWN VICTORIA	2006	Gas	23442	1332.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.17E+01	7.52E-04	1.32E-03	12.17
Department of Central Administration - Fleet	122602	FORD	AUTO	CROWN VICTORIA	2006	Gas	24731	1462.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	8.81	kg/gallon	B/C	0.0321	g/mile	B/C	0.0564	g/mile	B/C	1.29E+01	7.94E-04	1.39E-03	13.34
Department of Central Administration - Fleet	122595	CHEVROLET	AUTO	IMPALA	2006	Gas	8648	608.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	5.36E+00	2.99E-04	5.37E-04	5.53
Department of Central Administration - Fleet	122584	FORD	P/U	PU1; F350, SRW, REG CAB	2006	Diesel	9895	865.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	8.78E+00	9.90E-06	1.48E-05	8.79
Department of Central Administration - Fleet	122629	FORD	AUTO	CROWN VICTORIA	2006	Gas	17966	1796.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	1.58E+01	6.22E-04	1.12E-03	16.18
Department of Central Administration - Fleet	122485	BUICK	AUTO	LACROSSE	2006	Gas	15613	793.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	6.99E+00	5.40E-04	9.70E-04	7.30
Department of Central Administration - Fleet	122545	PONTIAC	AUTO	G6 SEDAN	2006	Gas	14773	785.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	6.92E+00	5.11E-04	9.17E-04	7.21
Department of Central Administration - Fleet	122546	PONTIAC	AUTO	GRAND PRIX	2006	Gas	11078	587.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	5.17E+00	3.83E-04	6.88E-04	5.40
Department of Central Administration - Fleet	122547	PONTIAC	AUTO	GRAND PRIX	2006	Gas	5421	308.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	8.81	kg/gallon	B/C	0.0346	g/mile	B/C	0.0621	g/mile	B/C	2.72E+00	1.88E-04	3.37E-04	2.83
Department of Central Administration - Fleet	122568	STERLING	DUMP	DTN1; DUMP, TRIAXLE, STERLING #LT9500	2007	Diesel	2820	812.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.25E+00	4.71E-04	2.11E-04	8.33
Department of Central Administration - Fleet	122569	STERLING	DUMP	DTN1; DUMP, TRIAXLE, STERLING #LT9500	2007	Diesel	5525	1495.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.52E+01	8.67E-04	3.89E-04	15.32
Department of Central Administration - Fleet	121188	DODGE	VAN	TV0/1; SPRINTER 2500, CARGO VAN	2005	Diesel	3650	177.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.81E+00	3.65E-06	5.48E-06	1.81
Department of Central Administration - Fleet	122583	FORD	P/U	PU1; F350, SRW, REG CAB	2006	Diesel	20275	1495.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.52E+01	2.03E-05	3.04E-05	15.19
Department of Central Administration - Fleet	122605	FORD	AUTO	CROWN VICTORIA	2006	Gas	19990	1211.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.07E+01	3.14E-04	2.02E-04	10.74
Department of Central Administration - Fleet	122585	FORD	P/U	PU1; F350, SRW, REG CAB	2006	Diesel	18172	1636.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.66E+01	1.82E-05	2.73E-05	16.62
Department of Central Administration - Fleet	122586	FORD	P/U	PU1; F350 XL,SD, SUPER CAB	2006	Diesel	5272	471	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	4.78E+00	5.27E-06	7.91E-06	4.78
Department of Central Administration - Fleet	121191	FORD	P/U	PU2; F250 XL SD P/U	2005	Diesel	14373	1227.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	1.25E+01	1.44E-05	2.16E-05	12.46
Department of Central Administration - Fleet	122587	CHEVROLET	VAN	TV1; VAN; 2500 CARGO	2006	Gas	12658	1196.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.05E+01	1.99E-04	1.28E-04	10.58
Department of Central Administration - Fleet	122588	DODGE	AUTO	CHARGER	2006	Gas	19948	1347.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.19E+01	3.13E-04	2.01E-04	11.94
Department of Central Administration - Fleet	122589	FORD	P/U	PU2/4W; F250 XL, FULL,REG,4W,8' BOD,HITCH	2006	Diesel	10677	826.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	8.39E+00	1.07E-05	1.60E-05	8.39
Department of Central Administration - Fleet	122590	FORD	P/U	PU2/4W; F250 SD XLT CREW CAB P/U, 4X4	2006	Gas	16060	1429.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.26E+01	2.52E-04	1.62E-04	12.65
Department of Central Administration - Fleet	121190	CHEVROLET	VAN	TV0/1; CARGO VAN, EXPRESS VAN	2005	Gas	5935	684.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	6.03E+00	9.32E-05	5.99E-05	6.05
Department of Central Administration - Fleet	122582	FORD	P/U	PU1; F350, SRW, REG CAB	2006	Diesel	7858	620.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	6.30E+00	7.86E-06	1.18E-05	6.30
Department of Central Administration - Fleet	122620	FORD	AUTO	CROWN VICTORIA	2006	Gas	18060	1356.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.20E+01	2.84E-04	1.82E-04	12.02
Department of Central Administration - Fleet	120678	FORD	AUTO	CROWN VICTORIA	2005	Gas	20699	1927.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.70E+01	3.04E-04	1.64E-04	17.04
Department of Central Administration - Fleet	122614	FORD	AUTO	CROWN VICTORIA	2006	Gas	19724	1457.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.28E+01	3.10E-04	1.99E-04	12.91
Department of Central Administration - Fleet	120677	FORD	AUTO	CROWN VICTORIA	2005	Gas	14001	1225.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.08E+01	2.06E-04	1.11E-04	10.84
Department of Central Administration - Fleet	120676	FORD	AUTO	CROWN VICTORIA	2005	Gas	23290	2064.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.82E+01	3.42E-04	1.84E-04	18.25
Department of Central Administration - Fleet	122615	FORD	AUTO	CROWN VICTORIA	2006	Gas	18800	1543.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.36E+01	3.35E-04	5.13E-04	13.76
Department of Central Administration - Fleet	122616	FORD	AUTO	CROWN VICTORIA	2006	Gas	15516	1394.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.23E+01	2.76E-04	4.24E-04	12.42
Department of Central Administration - Fleet	122617	FORD	AUTO	CROWN VICTORIA	2006	Gas	21652	1943.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.71E+01	3.85E-04	5.91E-04	17.31
Department of Central Administration - Fleet	122603	FORD	AUTO	CROWN VICTORIA	2006	Gas	20338	1126.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	9.93E+00	3.62E-04	5.55E-04	10.11
Department of Central Administration - Fleet	122619	FORD	AUTO	CROWN VICTORIA	2006	Gas	18577	1366.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.20E+01	3.31E-04	5.07E-04	12.21
Department of Central Administration - Fleet	120680	FORD	AUTO	CROWN VICTORIA	2005	Gas	13799	1209.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.07E+01	2.03E-04	1.09E-04	10.69
Department of Central Administration - Fleet	122621	FORD	AUTO	CROWN VICTORIA	2006	Gas	19785	1515.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2002	8.81	kg/gallon	B/C	0.0107	g/mile	B/C	0.0153	g/mile	B/C	1.34E+01	2.12E-04	3.03E-04	13.45
Department of Central Administration - Fleet	122622	FORD	AUTO	CROWN VICTORIA	2006	Gas	15617	1188.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.05E+01	2.30E-04	1.23E-04	10.51
Department of Central Administration - Fleet	122623	FORD	AUTO	CROWN VICTORIA	2006	Gas	11165	954.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.41E+00	1.64E-04	8.82E-05	8.44
Department of Central Administration - Fleet	121283	FORD	P/U	PU1; F350 XL SUPER DUTY	2005	Diesel	10646	977.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	9.92E+00	1.06E-05	1.60E-05	9.93
Department of Central Administration - Fleet	122625	FORD	AUTO	CROWN VICTORIA	2006	Gas	13423	1374.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.21E+01	1.97E-04	1.06E-04	12.15
Department of Central Administration - Fleet	122627	FORD	AUTO	CROWN VICTORIA	2006	Gas	13843	1179.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.04E+01	2.03E-04	1.09E-04	10.43
Department of Central Administration - Fleet	120675	FORD	AUTO	CROWN VICTORIA	2005	Gas	16364	1159.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.02E+01	2.41E-04	1.29E-04	10.26

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Emission Factor/Constant
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CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	122628	FORD	AUTO	CROWN VICTORIA	2006	Gas	14429	984.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.68E+00	2.12E-04	1.14E-04	8.72
Department of Central Administration - Fleet	122618	FORD	AUTO	CROWN VICTORIA	2006	Gas	21639	1957.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.72E+01	3.18E-04	1.71E-04	17.31
Department of Central Administration - Fleet	120846	CHEVROLET	SUV	SUV0; BLAZER, SPORT UTIL	2005	Gas	6800	385.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	3.40E+00	1.07E-04	6.87E-05	3.42
Department of Central Administration - Fleet	122481	BUICK	AUTO	LACROSSE	2006	Gas	14440	726.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 1997	8.81	kg/gallon	B/C	0.0924	g/mile	B/C	0.1726	g/mile	B/C	6.40E+00	1.33E-03	2.49E-03	7.20
Department of Central Administration - Fleet	120996	CHEVROLET	SUV	SUV1; TAHOE; FULL SIZE; UTILITY; 4X4;	2005	Gas	16151	990.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	8.73E+00	2.54E-04	1.63E-04	8.78
Department of Central Administration - Fleet	120995	CHEVROLET	SUV	SUV1; TAHOE; FULL SIZE; UTILITY; 4X4;	2005	Gas	15366	946.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	8.34E+00	2.41E-04	1.55E-04	8.39
Department of Central Administration - Fleet	122606	FORD	AUTO	CROWN VICTORIA	2006	Gas	23465	1450	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 1997	8.81	kg/gallon	B/C	0.0924	g/mile	B/C	0.1726	g/mile	B/C	1.28E+01	2.17E-03	4.05E-03	14.08
Department of Central Administration - Fleet	122607	FORD	AUTO	CROWN VICTORIA	2006	Gas	22950	1315.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 1999	8.81	kg/gallon	B/C	0.0578	g/mile	B/C	0.1435	g/mile	B/C	1.16E+01	1.33E-03	3.29E-03	12.64
Department of Central Administration - Fleet	122608	FORD	AUTO	CROWN VICTORIA	2006	Gas	10510	587.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 1999	8.81	kg/gallon	B/C	0.0578	g/mile	B/C	0.1435	g/mile	B/C	5.17E+00	6.07E-04	1.51E-03	5.65
Department of Central Administration - Fleet	122610	FORD	AUTO	CROWN VICTORIA	2006	Gas	16501	1386.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 1999	8.81	kg/gallon	B/C	0.0578	g/mile	B/C	0.1435	g/mile	B/C	1.22E+01	9.54E-04	2.37E-03	12.97
Department of Central Administration - Fleet	120992	CHEVROLET	VAN	TV2; VAN, PRISONER TRANSPORT, EXTENDED	2005	Gas	1680	178.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.58E+00	2.64E-05	1.70E-05	1.58
Department of Central Administration - Fleet	120679	FORD	AUTO	CROWN VICTORIA	2005	Gas	14562	1334.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.18E+01	2.14E-04	1.15E-04	11.80
Department of Central Administration - Fleet	120847	FORD	AUTO	CROWN VICTORIA	2005	Gas	14213	852.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	7.51E+00	2.09E-04	1.12E-04	7.55
Department of Central Administration - Fleet	122613	FORD	AUTO	CROWN VICTORIA	2006	Gas	13930	1330	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 2000	8.81	kg/gallon	B/C	0.0493	g/mile	B/C	0.1092	g/mile	B/C	1.17E+01	6.87E-04	1.52E-03	12.20
Department of Central Administration - Fleet	120845	CHEVROLET	SUV	SUV0; BLAZER, SPORT UTIL	2005	Gas	8429	533.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	4.70E+00	1.32E-04	8.51E-05	4.73
Department of Central Administration - Fleet	122612	FORD	AUTO	CROWN VICTORIA	2006	Gas	20196	1400.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 2000	8.81	kg/gallon	B/C	0.0493	g/mile	B/C	0.1092	g/mile	B/C	1.23E+01	9.96E-04	2.21E-03	13.04
Department of Central Administration - Fleet	120838	INTERNATIONAL	HVYEQ	ST1; INT'L FLAT W/KNAPHEIDE, CREW CAB	2006	Diesel	2796	791.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.04E+00	4.59E-04	2.06E-04	8.11
Department of Central Administration - Fleet	120711	CHEVROLET	SUV	SUV0; BLAZER, SPORT UTIL	2005	Gas	17942	1030	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	9.07E+00	2.82E-04	1.81E-04	9.14
Department of Central Administration - Fleet	123971	DODGE	VAN	TV2; FULL, 15 PASS, 3500, HITCH	2007	Gas	6104	610.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.38E+00	9.58E-05	6.17E-05	5.40
Department of Central Administration - Fleet	120682	PIERCE	PUMPER	MC0; RV; WALK-IN; COMMAND UNIT;	2006	Diesel	2491	730.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	7.42E+00	1.27E-05	1.20E-05	7.42
Department of Central Administration - Fleet	120681	FORD	AUTO	CROWN VICTORIA	2005	Gas	11044	655.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	5.77E+00	1.62E-04	8.72E-05	5.80
Department of Central Administration - Fleet	122604	FORD	AUTO	CROWN VICTORIA	2006	Gas	9915	624.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 2003	8.81	kg/gallon	B/C	0.0533	g/mile	B/C	0.1240	g/mile	B/C	5.50E+00	5.28E-04	1.23E-03	5.89
Department of Central Administration - Fleet	122611	FORD	AUTO	CROWN VICTORIA	2006	Gas	14750	1675.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 2003	8.81	kg/gallon	B/C	0.0533	g/mile	B/C	0.1240	g/mile	B/C	1.48E+01	7.86E-04	1.83E-03	15.35
Department of Central Administration - Fleet	121908	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2006	Diesel	10300	2178.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.21E+01	1.26E-03	5.66E-04	22.31
Department of Central Administration - Fleet	122484	BUICK	AUTO	LACROSSE	2006	Gas	18383	896.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 2003	8.81	kg/gallon	B/C	0.0533	g/mile	B/C	0.1240	g/mile	B/C	7.90E+00	9.80E-04	2.28E-03	8.63
Department of Central Administration - Fleet	121891H	FORD	BUS	TV2; VAN; SUPREME BUS 14 PASSENGER	2003	Diesel	12105	3955.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	4.01E+01	6.17E-05	5.81E-05	40.17
Department of Central Administration - Fleet	121901	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2006	Diesel	3871	1106.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.12E+01	6.42E-04	2.88E-04	11.33
Department of Central Administration - Fleet	121902	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2006	Diesel	6448	1475.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.50E+01	8.56E-04	3.84E-04	15.11
Department of Central Administration - Fleet	121903	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2006	Diesel	16297	2988	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.03E+01	1.73E-03	7.77E-04	30.61
Department of Central Administration - Fleet	121904	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2006	Diesel	7070	1620.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.64E+01	9.40E-04	4.21E-04	16.60
Department of Central Administration - Fleet	121905	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2006	Diesel	8338	1856.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.88E+01	1.08E-03	4.83E-04	19.02
Department of Central Administration - Fleet	121889H	FORD	BUS	TV2; VAN; SUPREME BUS 14 PASSENGER	2003	Diesel	14189	4637.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	4.71E+01	7.24E-05	6.81E-05	47.09
Department of Central Administration - Fleet	121907	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2006	Diesel	4305	1066.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.08E+01	6.19E-04	2.77E-04	10.92
Department of Central Administration - Fleet	121888H	FORD	BUS	TV2; VAN; SUPREME BUS 14 PASSENGER	2003	Diesel	284	3348.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.40E+01	1.45E-06	1.36E-06	33.99
Department of Central Administration - Fleet	121909	INTERNATIONAL	TRUCK	ST3/D; TRUCK, 26 GVW; CHIPPER/LEAF/SOIL; DUMP	2006	Diesel	3335	609.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	6.18E+00	1.70E-05	1.60E-05	6.19
Department of Central Administration - Fleet	121968	CHEVROLET	AUTO	IMPALA	2005	Gas	20230	829.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	7.31E+00	2.97E-04	1.60E-04	7.36
Department of Central Administration - Fleet	121969	CHEVROLET	AUTO	IMPALA	2005	Gas	26096	1185.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.04E+01	3.84E-04	2.06E-04	10.52
Department of Central Administration - Fleet	121970	CHEVROLET	AUTO	IMPALA	2005	Gas	21208	907.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.00E+00	3.12E-04	1.68E-04	8.06
Department of Central Administration - Fleet	122015	PONTIAC	AUTO	BONNEVILLE	2005	Gas	27491	1356.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.20E+01	4.04E-04	2.17E-04	12.03
Department of Central Administration - Fleet	122017	CHEVROLET	SUV	SUV1; TRAILBLAZER, SUV, USED	2005	Gas	17991	1162.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.02E+01	2.82E-04	1.82E-04	10.31
Department of Central Administration - Fleet	122029	FORD	SUV	SUV1; EXPLORER, XLS	2005	Gas	17516	1045.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	9.21E+00	2.75E-04	1.77E-04	9.27
Department of Central Administration - Fleet	122039	FORD	SUV	SUV1; EXPEDITION, UTILITY	2006	Gas	4586	367.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	3.24E+00	7.20E-05	4.63E-05	3.26
Department of Central Administration - Fleet	121906	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2006	Diesel	4384	886.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	9.00E+00	5.14E-04	2.30E-04	9.08
Department of Central Administration - Fleet	121874H	FORD	AUTO	TAURUS	2000	Gas	18291	724.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	6.38E+00	3.26E-04	4.99E-04	6.54
Department of Central Administration - Fleet	121289	CHEVROLET	AUTO	IMPALA	2005	Gas	11160	625.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	5.51E+00	1.64E-04	8.82E-05	5.54
Department of Central Administration - Fleet	121478	FORD	P/U	PU1/SP; F350 XL SD P/U, W/SNOW PLOW PREP PKG	2005	Diesel	6494	615.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	6.24E+00	6.49E-06	9.74E-06	6.25
Department of Central Administration - Fleet	121610	YAMAHA	ATV	ATV0; 4WD RHINO YXR66	2005	Gas	48	38.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Other Small Utility	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	3.41E-01	1.94E-05	8.51E-06	0.34
Department of Central Administration - Fleet	121831	FORD	VAN	TV4/0; VAN, PRISONER, CONVERSION, E350; 6 W/LIFT	2006	Gas	385	53.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	4.68E-01	6.04E-06	3.89E-06	0.47

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	121836	FORD	DUMP	DTN4; F450 XL SD P/U, REG CAB & CHAS, DUMP BODY	2006	Diesel	7502	1282.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.30E+01	7.44E-04	3.33E-04	13.13
Department of Central Administration - Fleet	121837	FORD	DUMP	DTN4; F450 XL SD P/U, REG CAB & CHASSIS, DUMP BODY	2006	Diesel	5911	870.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.83E+00	5.05E-04	2.26E-04	8.91
Department of Central Administration - Fleet	121859	KUBOTA	TRACT	TRACTOR; UTILITY, M5700SDC3	2005	Diesel	104	109.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.11E+00	6.33E-05	2.84E-05	1.12
Department of Central Administration - Fleet	121890H	FORD	BUS	TV2; VAN; SUPREME BUS 14 PASSENGER	2003	Diesel	12426	4060.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	4.12E+01	6.34E-05	5.96E-05	41.24
Department of Central Administration - Fleet	121869H	FORD	VAN	TV0; VAN; ECONOLINE E250 138	2002	Gas	331	1561.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2002	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0228	g/mile	B/C	1.38E+01	5.89E-06	7.55E-06	13.76
Department of Central Administration - Fleet	122051	STERLING	HVYEQ	SFT1; LT9500 VACTOR SEWAGE/JET UNIT; GVW 66,000	2006	Diesel	4166	657.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	6.67E+00	2.12E-05	2.00E-05	6.68
Department of Central Administration - Fleet	121875H	FORD	AUTO	TAURUS	2000	Gas	23856	1136.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2000	8.81	kg/gallon	B/C	0.0178	g/mile	B/C	0.0273	g/mile	B/C	1.00E+01	4.25E-04	6.51E-04	10.22
Department of Central Administration - Fleet	121876H	FORD	BUS	TB0; BUS; DIAMOND SD CUTAWAY MODEL 158	2000	Diesel	13402	4380.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	4.45E+01	6.84E-05	6.43E-05	44.48
Department of Central Administration - Fleet	121877H	FORD	BUS	TB0; BUS; MINI	1997	Gas	22456	2057.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 1997	8.81	kg/gallon	B/C	0.0924	g/mile	B/C	0.1726	g/mile	B/C	1.81E+01	2.07E-03	3.88E-03	19.37
Department of Central Administration - Fleet	121882H	CHEVROLET	BUS	TB0; BUS; SUPREME;	2002	Diesel	7503	2452.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.49E+01	3.83E-05	3.60E-05	24.90
Department of Central Administration - Fleet	121883H	CHEVROLET	BUS	TB0; BUS; SUPREME;	2002	Diesel	10299	3365.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.42E+01	5.25E-05	4.94E-05	34.18
Department of Central Administration - Fleet	121884H	CHEVROLET	BUS	TB0; BUS; SUPREME;	2002	Diesel	16199	5294.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	5.37E+01	8.26E-05	7.78E-05	53.77
Department of Central Administration - Fleet	121885H	CHEVROLET	BUS	TB0; BUS; SUPREME;	2002	Diesel	11046	3609.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.66E+01	5.63E-05	5.30E-05	36.66
Department of Central Administration - Fleet	121886H	CHEVROLET	BUS	TB0; BUS; SUPREME;	2002	Diesel	9057	2960.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.00E+01	4.62E-05	4.35E-05	30.06
Department of Central Administration - Fleet	121865H	CHEVROLET	SUV	SUV0; COMPACT,4DR,4W,S-10 BLAZER	2002	Gas	693	1098.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 2002	8.81	kg/gallon	B/C	0.0546	g/mile	B/C	0.1307	g/mile	B/C	9.67E+00	3.78E-05	9.06E-05	9.70
Department of Central Administration - Fleet	122465	CHEVROLET	SUV	SUV1; TAHOE, FULL SIZE UTILITY, 4X4, USED	2005	Gas	19364	1175.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.04E+01	3.04E-04	1.96E-04	10.42
Department of Central Administration - Fleet	122436	CATERPILLAR	HVYEQ	WLM3; LOADER 950G, WHEEL	2006	Diesel	2251	6549.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	6.65E+01	3.80E-03	1.70E-03	67.09
Department of Central Administration - Fleet	122440	GM	VAN	TV3; VAN; 8 PASSENGER, SAVANNAH 1500 LSW/HITCH	2006	Gas	9540	673.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.94E+00	1.50E-04	9.64E-05	5.97
Department of Central Administration - Fleet	122441	GM	VAN	TV3; VAN, 8 PASSENGER, SAVANNAH 1500 LT	2006	Gas	18602	896.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	7.90E+00	2.92E-04	1.88E-04	7.96
Department of Central Administration - Fleet	122455	BOMAG	HVYEQ	ROLLER; BW138AD, VIBRATORY, TANDEM	2005	Diesel	116	31.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.21E-01	1.84E-05	8.23E-06	0.32
Department of Central Administration - Fleet	122458	CHEVROLET	SUV	SUV1; TRAILBLAZER, SUV, USED	2005	Gas	17818	1005.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	8.86E+00	2.80E-04	1.80E-04	8.92
Department of Central Administration - Fleet	122459	CHEVROLET	SUV	SUV1; TRAILBLAZER, SUV, USED	2005	Gas	2164	140.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.24E+00	3.40E-05	2.19E-05	1.24
Department of Central Administration - Fleet	122460	PONTIAC	AUTO	BONNEVILLE	2005	Gas	14298	762.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.71E+00	2.10E-04	1.13E-04	6.75
Department of Central Administration - Fleet	122041	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2006	Diesel	6776	1479.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.50E+01	8.58E-04	3.85E-04	15.15
Department of Central Administration - Fleet	122464	CHEVROLET	VAN	TV1; CARGO VAN, EXPRESS 2500, EXTEND PRISONER	2006	Gas	1498	141.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.25E+00	2.35E-05	1.51E-05	1.25
Department of Central Administration - Fleet	122262	CHEVROLET	P/U	PU0; COLORADO, PICKUP, EXTEND CAB	2006	Gas	18753	1173.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.03E+01	2.94E-04	1.89E-04	10.40
Department of Central Administration - Fleet	122466	CHEVROLET	AUTO	MALIBU	2005	Gas	7887	341.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	3.01E+00	1.16E-04	6.23E-05	3.03
Department of Central Administration - Fleet	122467	CHEVROLET	AUTO	MALIBU	2005	Gas	8652	319.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.82E+00	1.27E-04	6.84E-05	2.84
Department of Central Administration - Fleet	122468	CHEVROLET	AUTO	IMPALA	2005	Gas	16708	794.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	7.00E+00	2.46E-04	1.32E-04	7.04
Department of Central Administration - Fleet	122474	HORTON	AMBULANCE	AMB2; AMBULANCE; FIRE	2007	Diesel	95	9.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	9.49E-02	4.85E-07	4.56E-07	0.10
Department of Central Administration - Fleet	122475	HORTON	AMBULANCE	AMB2; AMBULANCE; HORTON;	2007	Diesel	14302	2184.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.22E+01	7.29E-05	6.86E-05	22.20
Department of Central Administration - Fleet	122477	CHEVROLET	SUV	SUV1; TRAILBLAZER, SUV	2006	Gas	6574	390.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	3.44E+00	1.03E-04	6.64E-05	3.46
Department of Central Administration - Fleet	122479	CHEVROLET	SUV	SUV1; TRAILBLAZER, SUV	2006	Gas	26644	2007.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.77E+01	4.18E-04	2.69E-04	17.78
Department of Central Administration - Fleet	122480	CHEVROLET	SUV	SUV1; TRAILBLAZER, SUV	2006	Gas	6512	454.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	4.01E+00	1.02E-04	6.58E-05	4.03
Department of Central Administration - Fleet	122461	CHEVROLET	SUV	SUV1; TAHOE, FULL SIZE UTILITY, 4X4	2005	Gas	26508	1995.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.76E+01	4.16E-04	2.68E-04	17.67
Department of Central Administration - Fleet	122254	CHEVROLET	P/U	PU0; COLORADO, PICKUP, EXTEND CAB	2006	Gas	25036	1630.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.44E+01	3.93E-04	2.53E-04	14.45
Department of Central Administration - Fleet	122626	FORD	AUTO	CROWN VICTORIA	2006	Gas	18451	1598.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 2005	8.81	kg/gallon	B/C	0.0326	g/mile	B/C	0.0177	g/mile	B/C	1.41E+01	6.02E-04	3.27E-04	14.19
Department of Central Administration - Fleet	122079	CHEVROLET	SUV	SUV1; TAHOE; FULL SIZE; UTILITY; 4X4;	2006	Gas	8826	605.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.33E+00	1.39E-04	8.91E-05	5.36
Department of Central Administration - Fleet	122080	CHEVROLET	SUV	SUV1; TAHOE; FULL SIZE; UTILITY; 4X4;	2006	Gas	17793	1164.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.03E+01	2.79E-04	1.80E-04	10.32
Department of Central Administration - Fleet	122081	CHEVROLET	SUV	SUV1; TAHOE; FULL SIZE; UTILITY; 4X4;	2006	Gas	12512	903.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	7.96E+00	1.96E-04	1.26E-04	8.00
Department of Central Administration - Fleet	122082	CHEVROLET	SUV	SUV1; TAHOE; FULL SIZE; UTILITY; 4X4;	2006	Gas	10058	640.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.65E+00	1.58E-04	1.02E-04	5.68
Department of Central Administration - Fleet	122083	CHEVROLET	SUV	SUV1; TAHOE; FULL SIZE; UTILITY; 4X4;	2006	Gas	14174	1084.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	9.55E+00	2.23E-04	1.43E-04	9.60
Department of Central Administration - Fleet	122101	FORD	AUTO	CROWN VICTORIA	2005	Gas	18527	1114.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.82E+00	2.72E-04	1.46E-04	9.87
Department of Central Administration - Fleet	122219	PIERCE	PUMPER	EFP1; PUMPER; 750 GAL.	2006	Diesel	16032	4160.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	4.22E+01	8.18E-05	7.70E-05	42.26
Department of Central Administration - Fleet	122435	CHEVROLET	VAN	TV2; EXPRESS, 3500, 15 PASS, EXTEND	2006	Gas	9120	813.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	7.16E+00	1.43E-04	9.21E-05	7.20
Department of Central Administration - Fleet	122253	CHEVROLET	P/U	PU0; COLORADO, PICKUP, EXTEND CAB	2006	Gas	8544	611.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.38E+00	1.34E-04	8.63E-05	5.41
Department of Central Administration - Fleet	122263	FORD	P/U	UT2/4W; FIRE; F250 XLT; CREW CAB; UTIL P/U; 4X4;	2006	Diesel	33531	2070.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	2.10E+01	3.35E-05	5.03E-05	21.03
Department of Central Administration - Fleet	122255	CHEVROLET	P/U	PU0; COLORADO, PICKUP, EXTEND CAB	2006	Gas	42538	2331.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	2.05E+01	6.68E-04	4.30E-04	20.69

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	122256	CHEVROLET	P/U	PU0; COLORADO, PICKUP, EXTEND CAB	2006	Gas	24921	1565.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.38E+01	3.91E-04	2.52E-04	13.88
Department of Central Administration - Fleet	122257	CHEVROLET	P/U	PU0; COLORADO, PICKUP, EXTEND CAB	2006	Gas	7598	641.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.65E+00	1.19E-04	7.67E-05	5.68
Department of Central Administration - Fleet	122258	CHEVROLET	P/U	PU0; COLORADO, PICKUP, EXTEND CAB	2006	Gas	8930	595	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.24E+00	1.40E-04	9.02E-05	5.27
Department of Central Administration - Fleet	122259	CHEVROLET	P/U	PU0; COLORADO, PICKUP, EXTEND CAB	2006	Gas	6326	587.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.18E+00	9.93E-05	6.39E-05	5.20
Department of Central Administration - Fleet	122260	CHEVROLET	P/U	PU0; COLORADO, PICKUP, EXTEND CAB	2006	Gas	6297	455.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	4.02E+00	9.89E-05	6.36E-05	4.04
Department of Central Administration - Fleet	122261	CHEVROLET	P/U	PU0; COLORADO, PICKUP, EXTEND CAB	2006	Gas	10134	682.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	6.01E+00	1.59E-04	1.02E-04	6.05
Department of Central Administration - Fleet	122045	DODGE	AUTO	CHARGER	2006	Gas	13692	1141.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.01E+01	2.01E-04	1.08E-04	10.09
Department of Central Administration - Fleet	122220	PIERCE	PUMPER	EFP1; PUMPER; 750 GAL.	2006	Diesel	20255	5376.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	5.46E+01	1.03E-04	9.72E-05	54.60
Department of Central Administration - Fleet	123897	CHEVROLET	AUTO	IMPALA	2007	Gas	15033	811.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	7.15E+00	2.21E-04	1.19E-04	7.19
Department of Central Administration - Fleet	123882	JOHN DEERE	TRACT	TRACTOR, JOHN DEERE 5425 W/FLAIL MOWER	2007	Diesel	291	272.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.76E+00	1.58E-04	7.08E-05	2.79
Department of Central Administration - Fleet	123883	JOHN DEERE	TRACT	TRACTOR, JOHN DEERE 5425 W/FLAIL MOWER	2007	Diesel	170	343.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.49E+00	1.99E-04	8.94E-05	3.52
Department of Central Administration - Fleet	123884	JOHN DEERE	TRACT	TRACTOR, JOHN DEERE 5425 W/FLAIL MOWER	2007	Diesel	595	1047.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.06E+01	6.08E-04	2.72E-04	10.73
Department of Central Administration - Fleet	123887	CHEVROLET	AUTO	IMPALA	2006	Gas	5155	247.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.18E+00	7.58E-05	4.07E-05	2.19
Department of Central Administration - Fleet	123888	CHEVROLET	AUTO	IMPALA	2006	Gas	8706	433.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	3.82E+00	1.28E-04	6.88E-05	3.85
Department of Central Administration - Fleet	123889	CHEVROLET	AUTO	IMPALA	2006	Gas	2361	106.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.37E-01	3.47E-05	1.87E-05	0.94
Department of Central Administration - Fleet	123892	BRUSH BANDIT	HVYEQ	CHT1; CHIPPER BRUSH 1890 INTIMIDATOR	2006	Diesel	107	30.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.05E-01	5.46E-07	5.14E-07	0.31
Department of Central Administration - Fleet	123790	CHEVROLET	AUTO	IMPALA	2006	Gas	6859	362.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Construction Equipment	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	3.19E+00	1.81E-04	7.97E-05	3.22
Department of Central Administration - Fleet	123896	CHEVROLET	AUTO	IMPALA	2007	Gas	17021	916.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.07E+00	2.50E-04	1.34E-04	8.12
Department of Central Administration - Fleet	123834	CHEVROLET	AUTO	IMPALA	2006	Gas	2643	135	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1997	8.81	kg/gallon	B/C	0.0452	g/mile	B/C	0.0871	g/mile	B/C	1.19E+00	1.19E-04	2.30E-04	1.26
Department of Central Administration - Fleet	123898	FORD	AUTO	CROWN VICTORIA	2007	Gas	10168	621.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	5.47E+00	1.49E-04	8.03E-05	5.50
Department of Central Administration - Fleet	123899	FORD	AUTO	CROWN VICTORIA	2007	Gas	22406	1250.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.10E+01	3.29E-04	1.77E-04	11.08
Department of Central Administration - Fleet	120668	FORD	AUTO	CROWN VICTORIA	2005	Gas	16415	1411.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.24E+01	2.41E-04	1.30E-04	12.48
Department of Central Administration - Fleet	123900	FORD	AUTO	CROWN VICTORIA	2007	Gas	14717	785.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.92E+00	2.16E-04	1.16E-04	6.96
Department of Central Administration - Fleet	123901	FORD	AUTO	CROWN VICTORIA	2007	Gas	17736	1043.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.19E+00	2.61E-04	1.40E-04	9.24
Department of Central Administration - Fleet	123902	FORD	AUTO	CROWN VICTORIA	2007	Gas	11149	713.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.29E+00	1.64E-04	8.81E-05	6.32
Department of Central Administration - Fleet	123903	FORD	AUTO	CROWN VICTORIA	2007	Gas	16213	1121.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.88E+00	2.38E-04	1.28E-04	9.92
Department of Central Administration - Fleet	123904	FORD	AUTO	CROWN VICTORIA	2007	Gas	19432	1178.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.04E+01	2.86E-04	1.54E-04	10.43
Department of Central Administration - Fleet	123893	BRUSH BANDIT	HVYEQ	CHT1; CHIPPER BRUSH 1890 INTIMIDATOR	2006	Diesel	52	107.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.10E+00	2.65E-07	2.50E-07	1.10
Department of Central Administration - Fleet	123816	T.C.M.	FORKL	FL1; FORKLIFT; FD40Z6	2006	Diesel	64	53.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	5.40E-01	3.09E-05	1.38E-05	0.54
Department of Central Administration - Fleet	122630	FORD	AUTO	CROWN VICTORIA	2006	Gas	2428	218.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.92E+00	3.57E-05	1.92E-05	1.93
Department of Central Administration - Fleet	120669	FORD	AUTO	CROWN VICTORIA	2005	Gas	15503	1256.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.11E+01	2.28E-04	1.22E-04	11.11
Department of Central Administration - Fleet	122624	FORD	AUTO	CROWN VICTORIA	2006	Gas	9470	558.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	4.92E+00	1.39E-04	7.48E-05	4.94
Department of Central Administration - Fleet	123793	CHEVROLET	AUTO	IMPALA	2006	Gas	3150	163.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.44E+00	4.63E-05	2.49E-05	1.45
Department of Central Administration - Fleet	123794	CHEVROLET	AUTO	IMPALA	2006	Gas	6893	317.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.80E+00	1.01E-04	5.45E-05	2.82
Department of Central Administration - Fleet	123795	CHEVROLET	AUTO	IMPALA	2006	Gas	9328	529.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	4.66E+00	1.37E-04	7.37E-05	4.69
Department of Central Administration - Fleet	123796	CHEVROLET	P/U	PU2; FULL,REG CAB,SILVERADO,2WD	2006	Gas	8321	580.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	5.11E+00	1.31E-04	8.40E-05	5.14
Department of Central Administration - Fleet	123797	HONDA	AUTO	ACCORD	2006	Gas	18054	842.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	7.42E+00	2.65E-04	1.43E-04	7.47
Department of Central Administration - Fleet	123880	TORO	SMEQP	GRADER; INFIELD PRO 5040	2007	Gas	33	33.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Other Small Utility	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	2.91E-01	1.65E-05	7.27E-06	0.29
Department of Central Administration - Fleet	123815	T.C.M.	FORKL	FL1; FORKLIFT; FD40Z6	2006	Diesel	27	25.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.57E-01	1.47E-05	6.58E-06	0.26
Department of Central Administration - Fleet	123875	FORD	DUMP	DTN4; F450 XL SD P/U, REG CAB & CHASSIS, DUMP BODY	2007	Diesel	10390	1184.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.20E+01	6.87E-04	3.08E-04	12.14
Department of Central Administration - Fleet	123817	T.C.M.	FORKL	FL1; FORKLIFT; FD40Z6	2006	Diesel	136	47.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.79E-01	2.73E-05	1.23E-05	0.48
Department of Central Administration - Fleet	123828	CHEVROLET	AUTO	IMPALA	2006	Gas	5242	233.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.06E+00	7.71E-05	4.14E-05	2.07
Department of Central Administration - Fleet	123829	CHEVROLET	AUTO	IMPALA	2006	Gas	4638	209	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.84E+00	6.82E-05	3.66E-05	1.85
Department of Central Administration - Fleet	123830	CHEVROLET	AUTO	IMPALA	2006	Gas	3631	179.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.58E+00	5.34E-05	2.87E-05	1.59
Department of Central Administration - Fleet	123831	CHEVROLET	AUTO	IMPALA	2006	Gas	4665	238.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.10E+00	6.86E-05	3.69E-05	2.11
Department of Central Administration - Fleet	123832	CHEVROLET	AUTO	IMPALA	2006	Gas	5357	263.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.32E+00	7.87E-05	4.23E-05	2.33
Department of Central Administration - Fleet	123833	CHEVROLET	AUTO	IMPALA	2006	Gas	6206	274.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.41E+00	9.12E-05	4.90E-05	2.43
Department of Central Administration - Fleet	123907	FORD	AUTO	CROWN VICTORIA	2007	Gas	15932	1221.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.08E+01	2.34E-04	1.26E-04	10.81

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	123810	FORD	TRUCK	BBT0; REG, F450, 15GWV, 11' UTIL, AERIAL LIFT CONV	2007	Diesel	7923	1125.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.14E+01	4.04E-05	3.80E-05	11.43
Department of Central Administration - Fleet	123935	FORD	AUTO	CROWN VICTORIA	2007	Gas	9928	938.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.26E+00	1.46E-04	7.84E-05	8.29
Department of Central Administration - Fleet	123905	FORD	AUTO	CROWN VICTORIA	2007	Gas	17150	1028.65	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.06E+00	2.52E-04	1.35E-04	9.11
Department of Central Administration - Fleet	123927	FORD	AUTO	CROWN VICTORIA	2007	Gas	14894	916.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.07E+00	2.19E-04	1.18E-04	8.11
Department of Central Administration - Fleet	123928	FORD	AUTO	CROWN VICTORIA	2007	Gas	8523	951.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.38E+00	1.25E-04	6.73E-05	8.41
Department of Central Administration - Fleet	123929	FORD	AUTO	CROWN VICTORIA	2007	Gas	27504	2592.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.28E+01	4.04E-04	2.17E-04	22.92
Department of Central Administration - Fleet	123930	FORD	AUTO	CROWN VICTORIA	2007	Gas	14828	1092.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.62E+00	2.18E-04	1.17E-04	9.67
Department of Central Administration - Fleet	123931	FORD	AUTO	CROWN VICTORIA	2007	Gas	10949	1026.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.04E+00	1.61E-04	8.65E-05	9.07
Department of Central Administration - Fleet	123932	FORD	AUTO	CROWN VICTORIA	2007	Gas	16147	1668.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.47E+01	2.37E-04	1.28E-04	14.75
Department of Central Administration - Fleet	120665	FORD	AUTO	CROWN VICTORIA	2005	Gas	18454	1389.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.22E+01	2.71E-04	1.46E-04	12.29
Department of Central Administration - Fleet	123925	FORD	AUTO	CROWN VICTORIA	2007	Gas	12170	1218.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.07E+01	1.79E-04	9.61E-05	10.77
Department of Central Administration - Fleet	123934	FORD	AUTO	CROWN VICTORIA	2007	Gas	2535	186.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.64E+00	3.73E-05	2.00E-05	1.65
Department of Central Administration - Fleet	123924	FORD	AUTO	CROWN VICTORIA	2007	Gas	22218	1447.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.28E+01	3.27E-04	1.76E-04	12.82
Department of Central Administration - Fleet	123936	FORD	AUTO	CROWN VICTORIA	2007	Gas	1471	94.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.33E-01	2.16E-05	1.16E-05	0.84
Department of Central Administration - Fleet	123937	FORD	AUTO	CROWN VICTORIA	2007	Gas	2560	176.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.55E+00	3.76E-05	2.02E-05	1.56
Department of Central Administration - Fleet	123938	FORD	AUTO	CROWN VICTORIA	2007	Gas	16046	1107.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.75E+00	2.36E-04	1.27E-04	9.80
Department of Central Administration - Fleet	123939	FORD	AUTO	CROWN VICTORIA	2007	Gas	1538	135.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.19E+00	2.26E-05	1.22E-05	1.19
Department of Central Administration - Fleet	123940	FORD	AUTO	CROWN VICTORIA	2007	Gas	9923	787	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.93E+00	1.46E-04	7.84E-05	6.96
Department of Central Administration - Fleet	123946	FORD	AUTO	CROWN VICTORIA	2007	Gas	25750	1609.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.42E+01	3.79E-04	2.03E-04	14.25
Department of Central Administration - Fleet	123947	CHEVROLET	VAN	SUV0; UPLANDER	2006	Gas	14121	785.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	6.92E+00	2.22E-04	1.43E-04	6.97
Department of Central Administration - Fleet	123954	TOYOTA	AUTO	CAMRY	2007	Gas	24475	922.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.13E+00	3.60E-04	1.93E-04	8.20
Department of Central Administration - Fleet	123933	FORD	AUTO	CROWN VICTORIA	2007	Gas	10311	909	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.01E+00	1.52E-04	8.15E-05	8.04
Department of Central Administration - Fleet	123917	FORD	AUTO	CROWN VICTORIA	2007	Gas	26404	2128.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.87E+01	3.88E-04	2.09E-04	18.82
Department of Central Administration - Fleet	123791	CHEVROLET	AUTO	IMPALA	2006	Gas	16092	883.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	7.79E+00	2.37E-04	1.27E-04	7.83
Department of Central Administration - Fleet	123908	FORD	AUTO	CROWN VICTORIA	2007	Gas	11122	999.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.80E+00	1.63E-04	8.79E-05	8.84
Department of Central Administration - Fleet	123909	FORD	AUTO	CROWN VICTORIA	2007	Gas	9041	727	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.40E+00	1.33E-04	7.14E-05	6.43
Department of Central Administration - Fleet	123910	FORD	AUTO	CROWN VICTORIA	2007	Gas	12793	1087.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.58E+00	1.88E-04	1.01E-04	9.62
Department of Central Administration - Fleet	123911	FORD	AUTO	CROWN VICTORIA	2007	Gas	11292	1060.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.34E+00	1.66E-04	8.92E-05	9.37
Department of Central Administration - Fleet	123912	FORD	AUTO	CROWN VICTORIA	2007	Gas	11018	981	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.64E+00	1.62E-04	8.70E-05	8.67
Department of Central Administration - Fleet	123913	FORD	AUTO	CROWN VICTORIA	2007	Gas	17982	2027.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.79E+01	2.64E-04	1.42E-04	17.92
Department of Central Administration - Fleet	123914	FORD	AUTO	CROWN VICTORIA	2007	Gas	19887	1533.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.35E+01	2.92E-04	1.57E-04	13.57
Department of Central Administration - Fleet	123926	FORD	AUTO	CROWN VICTORIA	2007	Gas	22909	2215.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.95E+01	3.37E-04	1.81E-04	19.58
Department of Central Administration - Fleet	123916	FORD	AUTO	CROWN VICTORIA	2007	Gas	15243	1538.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.36E+01	2.24E-04	1.20E-04	13.60
Department of Central Administration - Fleet	123906	FORD	AUTO	CROWN VICTORIA	2007	Gas	10557	1172.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.03E+01	1.55E-04	8.34E-05	10.36
Department of Central Administration - Fleet	123918	FORD	AUTO	CROWN VICTORIA	2007	Gas	16458	1580.6	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.39E+01	2.42E-04	1.30E-04	13.97
Department of Central Administration - Fleet	123919	FORD	AUTO	CROWN VICTORIA	2007	Gas	11973	1139	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.00E+01	1.76E-04	9.46E-05	10.07
Department of Central Administration - Fleet	120667	FORD	AUTO	CROWN VICTORIA	2005	Gas	17052	1691.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.49E+01	2.51E-04	1.35E-04	14.95
Department of Central Administration - Fleet	120666	FORD	AUTO	CROWN VICTORIA	2005	Gas	15694	1207.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.06E+01	2.31E-04	1.24E-04	10.68
Department of Central Administration - Fleet	123920	FORD	AUTO	CROWN VICTORIA	2007	Gas	14656	1114.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.82E+00	2.15E-04	1.16E-04	9.86
Department of Central Administration - Fleet	123921	FORD	AUTO	CROWN VICTORIA	2007	Gas	12103	955	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.41E+00	1.78E-04	9.56E-05	8.45
Department of Central Administration - Fleet	123922	FORD	AUTO	CROWN VICTORIA	2007	Gas	12464	935.2	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.24E+00	1.83E-04	9.85E-05	8.27
Department of Central Administration - Fleet	123923	FORD	AUTO	CROWN VICTORIA	2007	Gas	10478	792.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.98E+00	1.54E-04	8.28E-05	7.01
Department of Central Administration - Fleet	123915	FORD	AUTO	CROWN VICTORIA	2007	Gas	11560	990.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.72E+00	1.70E-04	9.13E-05	8.76
Department of Central Administration - Fleet	122634	FORD	AUTO	CROWN VICTORIA	2006	Gas	26817	2402.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.12E+01	3.94E-04	2.12E-04	21.24
Department of Central Administration - Fleet	122720	CHEVROLET	VAN	TV4; VAN; UPLANDER LS EXTENDED; 6 PASS.	2006	Gas	36003	2081.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.83E+01	5.65E-04	3.64E-04	18.47
Department of Central Administration - Fleet	122736	JOHN DEERE	ATV	ATV0/BGATOR HPX 4X4 TURF TRUCK	2007	Gas	259	90.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Other Small Utility	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	7.97E-01	4.52E-05	1.99E-05	0.80
Department of Central Administration - Fleet	122739	CATERPILLAR	HVYEQ	HEM0; EXCAVATOR; 305CR MHEX; MINI	2006	Diesel	173	111.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.13E+00	6.47E-05	2.90E-05	1.14
Department of Central Administration - Fleet	122790	INTERNATIONAL	DUMP	ST1 ; TRUCK, MODEL 4300, STAKE BODY; GVW - 40,000	2006	Diesel	4276	747.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	7.59E+00	4.33E-04	1.94E-04	7.65

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	122791	CHEVROLET	P/U	PU0, PICKUP, SILVERADO, EXT CAB	1998	Gas	31099	2408.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1998	8.81	kg/gallon	B/C	0.0391	g/mile	B/C	0.0728	g/mile	B/C	2.12E+01	1.22E-03	2.26E-03	21.94
Department of Central Administration - Fleet	123792	CHEVROLET	AUTO	IMPALA	2006	Gas	5917	362.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	3.20E+00	8.70E-05	4.67E-05	3.21
Department of Central Administration - Fleet	122640	FORD	AUTO	CROWN VICTORIA	2006	Gas	24764	2341.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	2.06E+01	3.64E-04	1.96E-04	20.70
Department of Central Administration - Fleet	123789	CHEVROLET	AUTO	IMPALA	2006	Gas	2496	116.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.03E+00	3.67E-05	1.97E-05	1.04
Department of Central Administration - Fleet	122711	CATERPILLAR	BHOE	BL2; BACKHOE/LOADER; 430E IT 95 HP; RUB. TIRE	2006	Diesel	522	606.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	6.16E+00	3.52E-04	1.58E-04	6.21
Department of Central Administration - Fleet	122807	CHEVROLET	SUV	SUV1; TRAILBLAZER, SUV	2006	Gas	7241	443.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	3.91E+00	1.14E-04	7.31E-05	3.93
Department of Central Administration - Fleet	122808	CHEVROLET	SUV	SUV1; TRAILBLAZER, SUV	2006	Gas	6988	440.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	3.88E+00	1.10E-04	7.06E-05	3.91
Department of Central Administration - Fleet	122633	FORD	AUTO	CROWN VICTORIA	2006	Gas	12089	767.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.76E+00	1.78E-04	9.55E-05	6.79
Department of Central Administration - Fleet	122886	TORO	SMEQP	TORO SAND/ INFIELD PRO 5040	2006	Gas	107	64.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Other Small Utility	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	5.67E-01	3.22E-05	1.42E-05	0.57
Department of Central Administration - Fleet	122887	HONDA	AUTO	CIVIC, HYBRID, 4D	2006	Gas	6781	177.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	8.81	kg/gallon	B/C	0.0105	g/mile	B/C	0.0150	g/mile	B/C	1.57E+00	7.12E-05	1.02E-04	1.60
Department of Central Administration - Fleet	123084	CHEVROLET	SUV	SUV1; SUBURBAN	2006	Gas	18091	1558.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.37E+01	2.84E-04	1.83E-04	13.79
Department of Central Administration - Fleet	122635	FORD	AUTO	CROWN VICTORIA	2006	Gas	21105	1425.7	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.26E+01	3.10E-04	1.67E-04	12.62
Department of Central Administration - Fleet	122647	DODGE	AUTO	CHARGER	2006	Gas	14069	743.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.55E+00	2.07E-04	1.11E-04	6.59
Department of Central Administration - Fleet	122641	FORD	AUTO	CROWN VICTORIA	2006	Gas	17103	1239.55	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.09E+01	2.51E-04	1.35E-04	10.97
Department of Central Administration - Fleet	122642	FORD	AUTO	CROWN VICTORIA	2006	Gas	27734	1938.35	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.71E+01	4.08E-04	2.19E-04	17.15
Department of Central Administration - Fleet	122643	FORD	AUTO	CROWN VICTORIA	2006	Gas	14098	1216.25	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.07E+01	2.07E-04	1.11E-04	10.75
Department of Central Administration - Fleet	122644	FORD	P/U	PU2/4W; F250 CREW CAB 4X4	2006	Gas	13288	1606	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.41E+01	2.09E-04	1.34E-04	14.19
Department of Central Administration - Fleet	122645	FORD	SUV	SUV1; EXPLORER XLS	2006	Gas	17514	1174.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.04E+01	2.75E-04	1.77E-04	10.41
Department of Central Administration - Fleet	122646	FORD	SUV	SUV1; EXPLORER XLS	2006	Gas	11624	790.45	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	6.96E+00	1.82E-04	1.17E-04	7.00
Department of Central Administration - Fleet	122719	CHEVROLET	VAN	TV4; VAN; UPLANDER LS EXTENDED; 6 PASS.	2006	Gas	2111	119.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.06E+00	3.31E-05	2.13E-05	1.06
Department of Central Administration - Fleet	122638	FORD	AUTO	CROWN VICTORIA	2006	Gas	25950	1658.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.46E+01	3.81E-04	2.05E-04	14.68
Department of Central Administration - Fleet	122636	FORD	AUTO	CROWN VICTORIA	2006	Gas	12132	931.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.21E+00	1.78E-04	9.58E-05	8.24
Department of Central Administration - Fleet	122648	DODGE	AUTO	CHARGER	2006	Gas	14885	1061.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.35E+00	2.19E-04	1.18E-04	9.39
Department of Central Administration - Fleet	122649	FORD	AUTO	FIVE HUNDRED SE, 4D	2006	Gas	7127	405.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	3.57E+00	1.05E-04	5.63E-05	3.59
Department of Central Administration - Fleet	122650	FORD	P/U	PU1; F350 XL, SD SUPER CAB W/GOOSENECK HITCH	2006	Diesel	4314	470.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Light Trucks - 1996-2004	10.15	kg/gallon	B/C	0.0010	g/mile	B/C	0.0015	g/mile	B/C	4.77E+00	4.31E-06	6.47E-06	4.77
Department of Central Administration - Fleet	122709	CATERPILLAR	HVYEQ	WL3; LOADER/TOOL CARRIER, IT14G	2006	Diesel	272	434.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.41E+00	2.52E-04	1.13E-04	4.45
Department of Central Administration - Fleet	122710	CATERPILLAR	BHOE	BL1; BACKHOE/LOADER; 446D; 110 HP; RUB. TIRE	2006	Diesel	95	116.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.19E+00	6.78E-05	3.04E-05	1.20
Department of Central Administration - Fleet	122637	FORD	AUTO	CROWN VICTORIA	2006	Gas	16106	1415.5	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.25E+01	2.37E-04	1.27E-04	12.51
Department of Central Administration - Fleet	123111	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7300	2007	Diesel	2971	584.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	5.93E+00	3.39E-04	1.52E-04	5.99
Department of Central Administration - Fleet	122639	FORD	AUTO	CROWN VICTORIA	2006	Gas	14656	1095.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.65E+00	2.15E-04	1.16E-04	9.70
Department of Central Administration - Fleet	123636	DODGE	VAN	TV3; VAN; USED; GRAND CARAVAN SE, 7 PASSENGER	2006	Gas	33901	1964	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	1.73E+01	5.32E-04	3.42E-04	17.42
Department of Central Administration - Fleet	123085	CHEVROLET	P/U	PU3/4W; COLORADO LT, CREW CAB, 4WD P/U	2006	Gas	7097	426.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	3.75E+00	1.11E-04	7.17E-05	3.78
Department of Central Administration - Fleet	123356	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2007	Diesel	2210	459.45	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.66E+00	2.66E-04	1.19E-04	4.71
Department of Central Administration - Fleet	123357	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2007	Diesel	3469	717.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	7.28E+00	4.16E-04	1.87E-04	7.35
Department of Central Administration - Fleet	123358	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2007	Diesel	1440	217.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.21E+00	1.26E-04	5.66E-05	2.23
Department of Central Administration - Fleet	123359	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2007	Diesel	1672	348.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.54E+00	2.02E-04	9.06E-05	3.57
Department of Central Administration - Fleet	123587	HARPER INDUS	TRACT	MOWER, ALL TERRAIN, 72"	2006	Diesel	23	28.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.94E-01	1.17E-07	1.10E-07	0.29
Department of Central Administration - Fleet	123354	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2007	Diesel	1617	359.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.65E+00	2.09E-04	9.36E-05	3.69
Department of Central Administration - Fleet	122631	FORD	AUTO	CROWN VICTORIA	2006	Gas	22851	1661.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.46E+01	3.36E-04	1.81E-04	14.70
Department of Central Administration - Fleet	120674	FORD	AUTO	CROWN VICTORIA	2005	Gas	10867	1031.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	9.08E+00	1.60E-04	8.58E-05	9.11
Department of Central Administration - Fleet	123637	DODGE	P/U	PU3/4W; USED,FULL,CREW,1500 SLT,4X4,8' BOD	2006	Gas	26416	2362.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	2.08E+01	4.15E-04	2.67E-04	20.91
Department of Central Administration - Fleet	123638	DODGE	VAN	TV3; VAN; USED; GRAND CARAVAN SE, 7 PASSENGER	2006	Gas	19437	1113.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	9.81E+00	3.05E-04	1.96E-04	9.87
Department of Central Administration - Fleet	123781	HONDA	AUTO	ACCORD	2006	Gas	22135	1002.85	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	8.84E+00	3.25E-04	1.75E-04	8.90
Department of Central Administration - Fleet	123782	HONDA	AUTO	ACCORD	2006	Gas	15777	707.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	6.24E+00	2.32E-04	1.25E-04	6.28
Department of Central Administration - Fleet	123783	PIERCE	PUMPER	EFP1; PUMPER; GAL.	2007	Diesel	4613	179.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.82E+00	2.35E-05	2.21E-05	1.82
Department of Central Administration - Fleet	123787	CHEVROLET	SUV	SUV1; TRAILBLAZER, SUV, USED	2006	Gas	15498	1045.05	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	9.21E+00	2.43E-04	1.57E-04	9.26
Department of Central Administration - Fleet	123788	BUICK	AUTO	LACROSSE	2006	Gas	7623	373.4	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	3.29E+00	1.12E-04	6.02E-05	3.31

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	123635	DODGE	P/U	PU2/SP; USED,FULL,CREW,4W,2500,8' BOD,PLOW	2006	Gas	5706	551.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	4.86E+00	8.96E-05	5.76E-05	4.88
Department of Central Administration - Fleet	123226	CHEVROLET	P/U	UT0; COLORADO, EXTEND CAB, UTIL	2006	Gas	4779	280.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	2.47E+00	7.50E-05	4.83E-05	2.48
Department of Central Administration - Fleet	122792	INTERNATIONAL	TRUCK	WT0; FLATBED TOW TRUCK, MODEL 4300, ROLLBACK	2006	Diesel	13125	1629.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.65E+01	6.69E-05	6.30E-05	16.56
Department of Central Administration - Fleet	123138	KAWASAKI	ATV	ATV0; TRANSPORT VEH, MULE 3010, 4X4, W/WINCH	2006	Gas	100	2.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Other Small Utility	8.81	kg/gallon	B/C	0.5000	g/gallon	B/C	0.2200	g/gallon	B/C	2.47E-02	1.40E-06	6.16E-07	0.02
Department of Central Administration - Fleet	123163	CATERPILLAR	HVYEQ	WL2; LOADER; 973C TRACK	2006	Diesel	673	3853.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.91E+01	2.24E-03	1.00E-03	39.47
Department of Central Administration - Fleet	120671	FORD	AUTO	CROWN VICTORIA	2005	Gas	13199	1196.75	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.05E+01	1.94E-04	1.04E-04	10.58
Department of Central Administration - Fleet	123223	PIERCE	TRUCK	MMD1; DECON UNIT; PIERCE; LANCE;	2005	Diesel	4650	1189	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.21E+01	2.37E-05	2.23E-05	12.08
Department of Central Administration - Fleet	120670	FORD	AUTO	CROWN VICTORIA	2005	Gas	18078	1817.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.60E+01	2.66E-04	1.43E-04	16.06
Department of Central Administration - Fleet	123355	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2007	Diesel	1796	294.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.99E+00	1.71E-04	7.66E-05	3.02
Department of Central Administration - Fleet	120672	FORD	AUTO	CROWN VICTORIA	2005	Gas	20902	2017.15	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.78E+01	3.07E-04	1.65E-04	17.83
Department of Central Administration - Fleet	123094	DODGE	AUTO	CHARGER	2006	Gas	16232	1213.9	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.07E+01	2.39E-04	1.28E-04	10.74
Department of Central Administration - Fleet	120673	FORD	AUTO	CROWN VICTORIA	2005	Gas	6676	646.95	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	5.70E+00	9.81E-05	5.27E-05	5.72
Department of Central Administration - Fleet	123350	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2007	Diesel	2265	487.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.95E+00	2.83E-04	1.27E-04	4.99
Department of Central Administration - Fleet	123351	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2007	Diesel	2919	584.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	5.93E+00	3.39E-04	1.52E-04	5.99
Department of Central Administration - Fleet	122632	FORD	AUTO	CROWN VICTORIA	2006	Gas	18105	1387.1	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars - 2005	8.81	kg/gallon	B/C	0.0147	g/mile	B/C	0.0079	g/mile	B/C	1.22E+01	2.66E-04	1.43E-04	12.27
Department of Central Administration - Fleet	123352	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2007	Diesel	1327	284.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.89E+00	1.65E-04	7.39E-05	2.91
Department of Central Administration - Fleet	123353	INTERNATIONAL	DUMP	DTN3; DUMP TRUCK, MODEL 7400	2007	Diesel	864	218	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.21E+00	1.26E-04	5.67E-05	2.23
Department of Central Administration - Fleet	123225	CHEVROLET	SUV	SUV0; TRAILBLAZER, SUV	2006	Gas	11780	830.3	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	8.81	kg/gallon	B/C	0.0157	g/mile	B/C	0.0101	g/mile	B/C	7.31E+00	1.85E-04	1.19E-04	7.36
Department of Central Administration - Fleet	109964	CATERPILLAR	BHOE	BL2; BACKHOE/LOADER; 430-D; IT; 95 HP; RUB. TIRE	2001	Diesel	0	121.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.24E+00	7.07E-05	3.17E-05	1.25
Department of Central Administration - Fleet	108821	BRUSH BANDIT	HVYEQ	CHT1; CHIPPER DRUM MODEL #1890	2000	Diesel	0	34.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.52E-01	0.00E+00	0.00E+00	0.35
Department of Central Administration - Fleet	105362	CATERPILLAR	HVYEQ	WL3; LOADER/IT; IT-28-G; 130 HP; CY	1999	Diesel	0	2436.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.47E+01	1.41E-03	6.33E-04	24.96
Department of Central Administration - Fleet	110575	GEHL	HVYEQ	WL4; LOADER; SKID STEER; 6635-DXT; HP;	2001	Diesel	0	173.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.76E+00	1.01E-04	4.51E-05	1.78
Department of Central Administration - Fleet	113078	GEHL	HVYEQ	WL4; LOADER; SKID STEER; 6635-DXT; HP;	2002	Diesel	0	71.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	7.23E-01	4.13E-05	1.85E-05	0.73
Department of Central Administration - Fleet	109962	NEW HOLLAND	TRACT	TRACTOR 65 HP W/IMPLEMENTS;	2000	Diesel	0	111.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.13E+00	6.47E-05	2.90E-05	1.14
Department of Central Administration - Fleet	118985	BRUSH BANDIT	HVYEQ	CHT1; CHIPPER DRUM MODEL #1890	2004	Diesel	0	67.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	6.85E-01	0.00E+00	0.00E+00	0.69
Department of Central Administration - Fleet	124127	EMERGENCY 1	TOWER	FTA1; TOWER; E-ONE; HURRICANE; PLATFORM	2005	Diesel	0	1430.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.45E+01	0.00E+00	0.00E+00	14.52
Department of Central Administration - Fleet	109691	CATERPILLAR	HVYEQ	WL3; LOADER/IT; IT-14-G; 90 HP; CY	2000	Diesel	0	170.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.73E+00	9.87E-05	4.43E-05	1.74
Department of Central Administration - Fleet	35613	SULLAIR	TRAIL	AC4; SULLAIR TRAILER AIR COMPRESS	1993	Diesel	0	14.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.43E-01	0.00E+00	0.00E+00	0.14
Department of Central Administration - Fleet	109695	CATERPILLAR	HVYEQ	WL3; LOADER/IT; IT-28-G; 130 HP; CY	2000	Diesel	0	298.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.03E+00	1.73E-04	7.75E-05	3.05
Department of Central Administration - Fleet	23955	CATERPILLAR	HVYEQ	G3; GRADER; 12G; 135 HP	1990	Diesel	0	165.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.68E+00	9.62E-05	4.31E-05	1.70
Department of Central Administration - Fleet	113230	CATERPILLAR	BHOE	BL3; BACKHOE/LOADER; 426-C; IT; 70 HP; RUB. TIRE	2002	Diesel	0	205.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.08E+00	1.19E-04	5.34E-05	2.10
Department of Central Administration - Fleet	Z37643	NEW HOLLAND	HVYEQ	WL4; LOADER; SKID STEER; HP;	1994	Diesel	0	8.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.88E-02	5.08E-06	2.28E-06	0.09
Department of Central Administration - Fleet	120838A	INTERNATIONAL	HVYEQ	INT L FLAT W/COMPRESSOR	1991	Diesel	0	384.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.90E+00	2.23E-04	9.99E-05	3.94
Department of Central Administration - Fleet	113445	BOMAG	HVYEQ	ROLLER; BW138AD; VIBRATORY;	2002	Diesel	0	10.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.07E-01	6.12E-06	2.74E-06	0.11
Department of Central Administration - Fleet	109696	CATERPILLAR	HVYEQ	WL3; LOADER/IT; IT-28-G; 130 HP; CY	2000	Diesel	0	344.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.50E+00	2.00E-04	8.95E-05	3.53
Department of Central Administration - Fleet	122373	BRUSH BANDIT	HVYEQ	CHT1; CHIPPER	2005	Diesel	0	37.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	3.81E-01	0.00E+00	0.00E+00	0.38
Department of Central Administration - Fleet	107199	BRUSH BANDIT	HVYEQ	CHT1; CHIPPER DRUM MODEL #1890	1999	Diesel	0	102.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.04E+00	0.00E+00	0.00E+00	1.04
Department of Central Administration - Fleet	114757	CIMLINE MAGNA	HVYEQ	ASPHALT CRACK SEAL	2003	Diesel	0	14.25	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.45E-01	8.27E-06	3.71E-06	0.15
Department of Central Administration - Fleet	109690	CATERPILLAR	HVYEQ	WL3; LOADER/IT; IT-14-G; 90 HP; CY	2000	Diesel	0	333.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.38E+00	1.93E-04	8.66E-05	3.41
Department of Central Administration - Fleet	37338	INGERSOL	SMEQP	AC0; INGERSOLL-RAND; COMPRESSOR; AIR	1994	Diesel	0	14.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.51E-01	8.64E-06	3.87E-06	0.15
Department of Central Administration - Fleet	104721	BOMAG	HVYEQ	ROLLER; BW100AD-3; VIBRATORY; 2 WHEEL;	1999	Diesel	0	9.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	9.29E-02	5.31E-06	2.38E-06	0.09
Department of Central Administration - Fleet	109694	CATERPILLAR	HVYEQ	WL3; LOADER/IT; IT-28-G; 130 HP; CY	2000	Diesel	0	209.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.13E+00	1.22E-04	5.45E-05	2.15
Department of Central Administration - Fleet	109750	KUBOTA	TRACT	LDR0; LOADER/TRACTOR, M-8200; 82 HP; 2WD	2000	Diesel	0	34.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.51E-01	2.01E-05	9.00E-06	0.35
Department of Central Administration - Fleet	109547	CATERPILLAR	HVYEQ	WL3/T; LOADER; 953-C; 127 HP; TRACK;	2000	Diesel	0	172.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.75E+00	1.00E-04	4.49E-05	1.77
Department of Central Administration - Fleet	118563	MITSUI	TRAIL	AC4; AIR COMPRESSOR AIRMAN PDS 185	2004	Diesel	0	96.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	9.75E-01	0.00E+00	0.00E+00	0.98
Department of Central Administration - Fleet	Z23589	CATERPILLAR	HVYEQ	WL2; LOADER; 936-E; 135 HP; WHEELED; CY	1988	Diesel	0	314.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.20E+00	1.83E-04	8.18E-05	3.22
Department of Central Administration - Fleet	118545	CATERPILLAR	HVYEQ	WL3; LOADER/IT; IT-28-G; 130 HP; CY	2004	Diesel	0	2063.3	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.09E+01	1.20E-03	5.36E-04	21.13
Department of Central Administration - Fleet	118931	DEWEZE	HVYEQ	MOWER; 72LC;	2003	Diesel	0	22	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.23E-01	0.00E+00	0.00E+00	0.22

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	109542	BOMAG	HVYEQ	ROLLER; BW12OAD-3; VIBRATORY,	2000	Diesel	0	7.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	7.61E-02	4.35E-06	1.95E-06	0.08
Department of Central Administration - Fleet	109759	NEW HOLLAND	TRACT	TRACTOR; 65 HP W/IMPLEMENTS;	2000	Diesel	0	405.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.12E+00	2.35E-04	1.06E-04	4.16
Department of Central Administration - Fleet	104722	BOMAG	HVYEQ	ROLLER; BW100AD-3; VIBRATORY;	1999	Diesel	0	13.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.33E-01	7.63E-06	3.42E-06	0.13
Department of Central Administration - Fleet	109697	CATERPILLAR	HVYEQ	WL3; LOADER/IT; IT-28-G; 130 HP; CY	2000	Diesel	0	926.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	9.41E+00	5.38E-04	2.41E-04	9.49
Department of Central Administration - Fleet	104723	FERGUSON	HVYEQ	ROLLER; 46-A; HP; STATIC; 2 WHEEL	1999	Diesel	0	14.75	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.50E-01	8.56E-06	3.84E-06	0.15
Department of Central Administration - Fleet	111503	RPM TECH	HVYEQ	SB3; SNOWBLOWER; LM217; ITC IMPLEMENT	2001	Diesel	0	56	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	5.68E-01	0.00E+00	0.00E+00	0.57
Department of Central Administration - Fleet	118476	KUBOTA	TRACT	TRACTOR; L3130DT; HP; W/FINISH MOW, BUSH HOG	2004	Diesel	0	24.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.49E-01	1.42E-05	6.38E-06	0.25
Department of Central Administration - Fleet	110294	ASV	HVYEQ	WL0/T; LOADER;4810; HP; RUBBER POSI-TRACK; R TRAC	2001	Diesel	0	373.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.79E+00	2.17E-04	9.71E-05	3.83
Department of Central Administration - Fleet	105392	NEW HOLLAND	HVYEQ	BL1; BACKHOE/LOADER; 545-D; HP; RUB. TIRE	1999	Diesel	0	10	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.02E-01	5.80E-06	2.60E-06	0.10
Department of Central Administration - Fleet	113749	CATERPILLAR	HVYEQ	G3; GRADER; 120; HP;	2002	Diesel	0	143.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.46E+00	8.33E-05	3.73E-05	1.47
Department of Central Administration - Fleet	109966	CATERPILLAR	BHOE	BL2; BACKHOE/LOADER; 430-D; IT; 95 HP; RUB. TIRE	2001	Diesel	0	544.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	5.53E+00	3.16E-04	1.42E-04	5.58
Department of Central Administration - Fleet	109965	CATERPILLAR	BHOE	BL2; BACKHOE/LOADER; 430-D; IT; 95 HP; RUB. TIRE	2001	Diesel	0	433.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.40E+00	2.51E-04	1.13E-04	4.44
Department of Central Administration - Fleet	Z23590	CATERPILLAR	HVYEQ	WL2; LOADER; 936-E; 135 HP; WHEELED; CY	1988	Diesel	0	123.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.25E+00	7.17E-05	3.21E-05	1.27
Department of Central Administration - Fleet	109961	NEW HOLLAND	TRACT	TRACTOR; 65 HP W/IMPLEMENTS;	2000	Diesel	0	769.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	7.81E+00	4.47E-04	2.00E-04	7.89
Department of Central Administration - Fleet	113750	CATERPILLAR	HVYEQ	HEM4; EXCAVATOR; M318; 150 HP; RUB. WHL. W/ IMP	2002	Diesel	0	844.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	8.57E+00	4.90E-04	2.20E-04	8.65
Department of Central Administration - Fleet	41004A	INGERSOL	SMEQP	AC0; COMPRESSOR	1999	Diesel	0	466.55	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.74E+00	2.71E-04	1.21E-04	4.78
Department of Central Administration - Fleet	109668	GEHL	HVYEQ	PAVER; POWER BOX; SKID STEER ATTACH	2000	Diesel	0	34.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	3.47E-01	1.98E-05	8.88E-06	0.35
Department of Central Administration - Fleet	118984	BRUSH BANDIT	HVYEQ	CHT1; CHIPPER DRUM MODEL #1890	2004	Diesel	0	143.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.46E+00	0.00E+00	0.00E+00	1.46
Department of Central Administration - Fleet	109757	NEW HOLLAND	TRACT	TRACTOR; 65 HP W/IMPLEMENTS;	2000	Diesel	0	59.8	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	6.07E-01	3.47E-05	1.55E-05	0.61
Department of Central Administration - Fleet	119296	GRADALL	HVYEQ	HET0/T; EXCAVATOR XL4200 TRACKED	1996	Diesel	0	163.2	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.66E+00	9.47E-05	4.24E-05	1.67
Department of Central Administration - Fleet	109693	CATERPILLAR	HVYEQ	WL3; LOADER/IT; IT-28-G; 130 HP; CY	2000	Diesel	0	287.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.92E+00	1.67E-04	7.48E-05	2.95
Department of Central Administration - Fleet	40090	LANDA	SMEQP	WASHER; LANDA PRESSURE WASHER, 5DHW5-30621E	1996	Diesel	0	12.15	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.23E-01	7.05E-06	3.16E-06	0.12
Department of Central Administration - Fleet	23595	CATERPILLAR	HVYEQ	G3; GRADER; 12G; 135 HP	1988	Diesel	0	151.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.54E+00	8.80E-05	3.94E-05	1.55
Department of Central Administration - Fleet	119122	TORO	TRACT	INFIELD SAND PRO	2004	Gas	0	375.8	Gallon		Fleet Database	100	Motor Gasoline	Gasoline Heavy-Duty Vehicles - 2004	8.81	kg/gallon	B/C	0.0341	g/mile	B/C	0.0285	g/mile	B/C	3.31E+00	0.00E+00	0.00E+00	3.31
Department of Central Administration - Fleet	41005A	CHEVROLET	SMEQP	ST0/A; FLAT W/COMP	1985	Diesel	0	425.1	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.31E+00	2.47E-04	1.11E-04	4.35
Department of Central Administration - Fleet	110566A	GRADALL	HVYEQ	HET1; TRUCK MOUNTED HYD EXCAVATOR XL4100/REAR MOTO	2001	Diesel	0	1352.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.37E+01	7.85E-04	3.52E-04	13.86
Department of Central Administration - Fleet	105363	CATERPILLAR	TRACT	TD2; DOZER; D6R; 165 HP; TRACK; BLADE;	1999	Diesel	0	487.05	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	4.94E+00	2.82E-04	1.27E-04	4.99
Department of Central Administration - Fleet	108232A	INTERNATIONAL	SMEQP	INT L FLAT W/COMP	1984	Diesel	0	171.65	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Other Large Utility	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.74E+00	9.96E-05	4.46E-05	1.76
Department of Central Administration - Fleet	113202	CATERPILLAR	HVYEQ	DTFO; TRUCK; DUMP; 725; OFF RD; ARTICULATED	2002	Diesel	0	95.9	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	9.73E-01	5.56E-05	2.49E-05	0.98
Department of Central Administration - Fleet	113012	GEHL	HVYEQ	WL4; LOADER; SKID STEER; 6635-DXT; HP;	2002	Diesel	0	16.95	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.72E-01	9.83E-06	4.41E-06	0.17
Department of Central Administration - Fleet	114756	BRUSH BANDIT	HVYEQ	CHT1; CHIPPER DRUM MODEL #1890	2003	Diesel	0	188.35	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.91E+00	1.09E-04	4.90E-05	1.93
Department of Central Administration - Fleet	37374	CATERPILLAR	HVYEQ	WD2; COMPACTOR; TRASH; 826C; 315 HP; BLADE/STL WH	1994	Diesel	0	149.6	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.52E+00	8.68E-05	3.89E-05	1.53
Department of Central Administration - Fleet	113170	CATERPILLAR	HVYEQ	WL3; LOADER; 928-G; 130 HP; WHL; FRT END; CY	2001	Diesel	0	600.5	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	6.10E+00	3.48E-04	1.56E-04	6.15
Department of Central Administration - Fleet	109548	CATERPILLAR	HVYEQ	WL3/T; LOADER;963-C; 158 HP; TRACK W/WASTE HANDLER	2000	Diesel	0	1540.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.56E+01	8.94E-04	4.01E-04	15.78
Department of Central Administration - Fleet	109751	KUBOTA	TRACT	TRACTOR; M8200; 82HP; 4WD	2000	Diesel	0	25.7	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.61E-01	1.49E-05	6.68E-06	0.26
Department of Central Administration - Fleet	109669	GEHL	HVYEQ	PAVER; POWER BOX; SKID STEER ATTACH	2000	Diesel	0	100.4	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	1.02E+00	5.82E-05	2.61E-05	1.03
Department of Central Administration - Fleet	109692	CATERPILLAR	HVYEQ	WL3; LOADER/IT; IT-14-G; 90 HP; CY	2000	Diesel	0	211.85	Gallon		Fleet Database	100	Diesel Fuel No.1 and 2	Diesel Construction Equipment	10.15	kg/gallon	B/C	0.5800	g/gallon	B/C	0.2600	g/gallon	B/C	2.15E+00	1.23E-04	5.51E-05	2.17
Howard Community College		VARIOUS	VARIOUS	VARIOUS	VARIOUS	Gas		5,185.00	Gallon	19.50	HCC	100	Motor Gasoline	Gasoline Passenger Cars-Uncontrolled	8.81	kg/gallon	B/C	0.1780	g/mile	B/C	0.0197	g/mile	B/C	4.57E+01	1.80E-02	1.99E-03	46.68
Howard County Public Schools		VARIOUS	VARIOUS	VARIOUS	VARIOUS	Gas		183,648.37	Gallon	19.50	Fleet Database	100	Motor Gasoline	Gasoline Passenger Cars-Uncontrolled	8.81	kg/gallon	B/C	0.1780	g/mile	B/C	0.0197	g/mile	B/C	1.62E+03	6.37E-01	7.05E-02	1,653.20
																							Total	**12,390.35**	**0.9453**	**0.3234**	**12,510.45**

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 tonne/yr	CH4 tonne/yr	N2O tonne/yr	Total CO2-eq (tonne/year)
Community-Based																											
Howard County Public Schools				Contracted School Buses		Diesel		1,123,304.00	Gallon	7.5	D.Drown, Dir. of Pupil Transportation	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.14E+04	4.30E-02	4.04E-02	11,414.97
																							Total	**11,401.54**	**0.0430**	**0.0404**	**11,414.97**
Bureau of Environmental Services				rear load trash truck		Diesel	319,600.00		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	8.77E+02	1.63E-03	1.53E-03	877.25
Bureau of Environmental Services				rear load trash truck		Diesel	51,500.00		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.41E+02	2.63E-04	2.47E-04	141.36
Bureau of Environmental Services				rear load trash truck		Diesel	319,600.00		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	8.77E+02	1.63E-03	1.53E-03	877.25
Bureau of Environmental Services				rear load trash truck		Diesel	237,500.00		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	6.52E+02	1.21E-03	1.14E-03	651.90
Bureau of Environmental Services				40 yd rolloff		Diesel	18,196.20		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	4.99E+01	9.28E-05	8.73E-05	49.95
Bureau of Environmental Services				rail car		Diesel	174,465.05		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	4.79E+02	8.90E-04	8.37E-04	478.88
Bureau of Environmental Services				53' bed trailer		Diesel	344,632.93		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	9.45E+02	1.76E-03	1.65E-03	945.96

Mobile Combustion Sources

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x CO2 kg/gal x tonne/1000 kg = tonne/yr **OR** veh. miles/yr x gal/mi x CO2 kg/gal x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr **OR** fuel gal/yr x miles/gal x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

Entity/Facility	Vehicle ID	Make	Model	Vehicle Description	Year	Fuel Type	2007 Miles Traveled	2007 Fuel Usage	Units	Fuel Economy (miles/gal)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Bureau of Environmental Services				compactor		Diesel	3,339.71		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	9.16E+00	1.70E-05	1.60E-05	9.17
Bureau of Environmental Services				40 yd rolloff		Diesel	7,669.09		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	2.10E+01	3.91E-05	3.68E-05	21.05
Bureau of Environmental Services				40 yd rolloff		Diesel	20,283.85		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	5.56E+01	1.03E-04	9.74E-05	55.68
Bureau of Environmental Services				20 yd rolloff		Diesel	5,498.05		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.51E+01	2.80E-05	2.64E-05	15.09
Bureau of Environmental Services				30 yd rolloff		Diesel	4,601.47		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.26E+01	2.35E-05	2.21E-05	12.63
Bureau of Environmental Services				large flat bed truck		Diesel	4,295.26		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.18E+01	2.19E-05	2.06E-05	11.79
Bureau of Environmental Services				vac truck		Diesel	4,173.75		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.14E+01	2.13E-05	2.00E-05	11.46
Bureau of Environmental Services				flat bed truck		Diesel	5,341.94		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.47E+01	2.72E-05	2.56E-05	14.66
Bureau of Environmental Services				pick-up		Diesel			Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	0.00E+00	0.00E+00	0.00E+00	0.00
Bureau of Environmental Services				40 yd rolloff		Diesel			Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	0.00E+00	0.00E+00	0.00E+00	0.00
Bureau of Environmental Services				flat bed truck		Diesel	1,924.80		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	5.28E+00	9.82E-06	9.24E-06	5.28
Bureau of Environmental Services				misc		Diesel			Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	0.00E+00	0.00E+00	0.00E+00	0.00
Bureau of Environmental Services				50 yd rolloff		Diesel			Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	0.00E+00	0.00E+00	0.00E+00	0.00
Bureau of Environmental Services				50 yd rolloff		Diesel	4,151.39		Gallon	3.7	Jeff Dannis	100	Diesel Fuel No.1 and 2	Diesel Heavy-Duty Vehicles (All Model Years)	10.15	kg/gallon	B/C	0.0051	g/mile	B/C	0.0048	g/mile	B/C	1.14E+01	2.12E-05	1.99E-05	11.39
																							Total	**4,188.31**	**0.0078**	**0.0073**	**4,190.75**

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Employee and Residential Commuting

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = veh.miles/yr / fuel economy (mi/gal) x emission factor (CO2 kg/gal) x tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = veh. mile/yr x CO2 g/mile x 1 tonne/1000000 g = tonne/yr

County-Owned

Entity	Employee Type	Miles Traveled One Way	Miles Traveled in One Day	Miles Traveled in One Week	Total Miles Traveled per Year	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	Fuel Economy (mpg)	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Howard County Government	Full Time Employees	50,372.00	100,744.00	503,720.00	23,171,120.00	Motor Gasoline	Gasoline Passenger Cars-Uncontrolled	19.5	8.81	kg/gallon	B/C	0.1780	g/mile	B/C	0.0197	g/mile	B/C	10,468.59	4.12	0.46	10,696.71
Howard County	Part Time Employees	1,634.80	3,269.60	9,808.80	451,204.80	Motor Gasoline	Gasoline Passenger Cars-Uncontrolled	19.5	8.81	kg/gallon	B/C	0.1780	g/mile	B/C	0.0197	g/mile	B/C	203.85	0.08	0.01	208.29
Howard County Public Schools	Full Time Employees	135,613.50	271,227.00	1,356,135.00	48,820,860.00	Motor Gasoline	Gasoline Passenger Cars-Uncontrolled	19.5	8.81	kg/gallon	B/C	0.1780	g/mile	B/C	0.0197	g/mile	B/C	22,057.01	8.69	0.96	22,537.66
																	Total:	**32,729.46**	**12.89**	**1.43**	**33,442.66**

Community-Based

		2005		2009		Estimated 2007		Estimated 2007			
Entity	Vehicle Type	Urban CO2 (ton/day)	Rural CO2 (ton/day)	Urban CO2 (ton/day)	Rural CO2 (ton/day)	Urban CO2 (ton/day)	Rural CO2 (ton/day)	Total CO2 (ton/year)	Total CH4 (ton/yr)	Total N2O (ton/yr)	Total CO2-eq (tonne/yr)
Community	Auto/Motorcycles	1,476.75	358.72	1,370.86	337.37	1,423.80	348.05	646,725.80			587,932.54
Community	Light Duty Trucks	2,178.61	528.71	2,637.27	648.31	2,407.94	588.51	1,093,702.24			994,274.77
Community	Heavy Duty Trucks	1,077.96	296.71	1,130.71	311.05	1,104.34	303.88	513,999.21			467,272.00
Community	Buses	157.98	39.00	172.24	42.62	165.11	40.81	75,160.80			68,328.00
							Total:	**2,329,588.05**	**0.00**	**0.00**	**2,117,807.31**

Note:
1. 2005 and 2009 CO2 emissions were from the Mobile6 modeling results from the Howard County Conformity Report.
2. 2007 CO2 emissions were estimated using a linear interpolation of 2005 and 2009 emissions obtained from Mobile6.

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Stationary Combustion

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x heat content Btu/gal x MMBtu/1000000 Btu x kg/MMBtu x 1 tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = fuel gal/yr x fuel Btu/gal x MMBtu/1000000 Btu x g/MMBtu x 1 tonne/1000000 g = tonne/yr

Entity	Facility Name	No. of Units	Equipment Name	Fuel Type	Heat Content	Units	Fuel Usage	Units	Energy Output (MMBtu/yr)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
County-Owmed																										
Howard County Public Schools	Old Bushy Park	1	Boiler	Fuel Oil	131800	Btu/gal	14,309.00	gallons	1,886	Fuel deliveries	100	Distillate Fuel Oil (#1, 2, & 4)	Gas/Diesel Oil Boilers	73.15	kg/MMBtu	B/C	0.9	g/MMBtu	B	0.4	g/MMBtu	B	137.96	0.0017	0.0008	138.23
Howard County Public Schools	Glenwood Middle	1	Boiler	Fuel Oil	131800	Btu/gal	25,515.00	gallons	3,363	Fuel deliveries	100	Distillate Fuel Oil (#1, 2, & 4)	Gas/Diesel Oil Boilers	73.15	kg/MMBtu	B/C	0.9	g/MMBtu	B	0.4	g/MMBtu	B	245.99	0.0030	0.0013	246.48
Howard County Public Schools	Glenwood Middle	1	Emergency Generator	Diesel	157500	Btu/gal	1,032.00	gallons	163	Fuel deliveries	100	Distillate Fuel Oil (#1, 2, & 4)	Diesel Oil Engines < 600 hp (447 kW) (INGAA)	73.15	kg/MMBtu	B/C	4.0	g/MMBtu	B	11.0	g/MMBtu	B	11.89	0.0007	0.0018	12.46
Howard County Public Schools	Glenwood Middle		Bottled Gas	Propane	91500	Btu/gal	2,968.00	gallons	272	Fuel deliveries	100	Propane	Natural Gas - Residential/ Commercial End Use	63.07	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	17.13	0.0014	0.0000	17.16
Howard County Public Schools	Board of Ed			Natural Gas	103000	Btu/therm	19,381.00	therms	1,996	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	105.92	0.0100	0.0002	106.19
Howard County Public Schools	Harriet Tubman Bldg			Natural Gas	103000	Btu/therm	26,540.00	therms	2,734	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	145.05	0.0137	0.0003	145.42
Howard County Public Schools	Atholton Elementary			Natural Gas	103000	Btu/therm	18,120.00	therms	1,866	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	99.03	0.0093	0.0002	99.28
Howard County Public Schools	Bellow Springs Elementary			Natural Gas	103000	Btu/therm	23,867.00	therms	2,458	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	130.44	0.0123	0.0002	130.77
Howard County Public Schools	Bollman Bridge Elementary			Natural Gas	103000	Btu/therm	30,523.00	therms	3,144	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	166.81	0.0157	0.0003	167.24
Howard County Public Schools	Bryant Woods Elementary			Natural Gas	103000	Btu/therm	12,915.00	therms	1,330	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	70.58	0.0067	0.0001	70.76
Howard County Public Schools	Bushy Park Total			Natural Gas	103000	Btu/therm	8,560.00	therms	882	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	46.78	0.0044	0.0001	46.90
Howard County Public Schools	Centenial Lane Elem			Natural Gas	103000	Btu/therm	31,981.00	therms	3,294	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	174.78	0.0165	0.0003	175.23
Howard County Public Schools	Clarksville Elem			Natural Gas	103000	Btu/therm	40,172.00	therms	4,138	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	219.55	0.0207	0.0004	220.11
Howard County Public Schools	Clemens Crossing Elem			Natural Gas	103000	Btu/therm	20,895.00	therms	2,152	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	114.19	0.0108	0.0002	114.49
Howard County Public Schools	Cradlerock School			Natural Gas	103000	Btu/therm	12,123.00	therms	1,249	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	66.25	0.0062	0.0001	66.42
Howard County Public Schools	Dayton Oaks			Natural Gas	103000	Btu/therm		therms	0	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	0.00	0.0000	0.0000	0.00
Howard County Public Schools	Deep Run Elementary			Natural Gas	103000	Btu/therm	12,374.00	therms	1,275	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	67.63	0.0064	0.0001	67.80
Howard County Public Schools	Elkridge Elementary			Natural Gas	103000	Btu/therm	30,373.00	therms	3,128	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	165.99	0.0156	0.0003	166.42
Howard County Public Schools	Forest Ridge Elementary			Natural Gas	103000	Btu/therm	24,696.00	therms	2,544	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	134.97	0.0127	0.0003	135.31
Howard County Public Schools	Fulton Elementary			Natural Gas	103000	Btu/therm	22,145.00	therms	2,281	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	121.03	0.0114	0.0002	121.34
Howard County Public Schools	Gorman Crossing Elementary			Natural Gas	103000	Btu/therm	15,058.00	therms	1,551	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	82.29	0.0078	0.0002	82.51
Howard County Public Schools	Guilford Elementary			Natural Gas	103000	Btu/therm	31,141.00	therms	3,208	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	170.19	0.0160	0.0003	170.63
Howard County Public Schools	Hollifield Station Elementary			Natural Gas	103000	Btu/therm	21,547.00	therms	2,219	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	117.76	0.0111	0.0002	118.06
Howard County Public Schools	Ilchester Elementary			Natural Gas	103000	Btu/therm	13,374.00	therms	1,378	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	73.09	0.0069	0.0001	73.28
Howard County Public Schools	Jeffers Hill Elementary			Natural Gas	103000	Btu/therm	22,802.00	therms	2,349	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	124.62	0.0117	0.0002	124.94
Howard County Public Schools	Laurel Woods Elementary			Natural Gas	103000	Btu/therm	19,861.00	therms	2,046	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	108.54	0.0102	0.0002	108.82
Howard County Public Schools	Lisbon Elementary			Natural Gas	103000	Btu/therm	33,011.00	therms	3,400	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	180.41	0.0170	0.0003	180.87
Howard County Public Schools	Longfellow Elementary			Natural Gas	103000	Btu/therm	21,008.00	therms	2,164	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	114.81	0.0108	0.0002	115.11
Howard County Public Schools	Manor Woods Elementary			Natural Gas	103000	Btu/therm	31,242.00	therms	3,218	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	170.74	0.0161	0.0003	171.18
Howard County Public Schools	Northfield Elementary			Natural Gas	103000	Btu/therm	9,719.00	therms	1,001	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	53.12	0.0050	0.0001	53.25
Howard County Public Schools	Phelps Luck Elementary			Natural Gas	103000	Btu/therm	17,633.00	therms	1,816	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	96.37	0.0091	0.0002	96.61
Howard County Public Schools	Pointers Run Elementary			Natural Gas	103000	Btu/therm	31,868.00	therms	3,282	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	174.16	0.0164	0.0003	174.61
Howard County Public Schools	Rockburn Elementary			Natural Gas	103000	Btu/therm	35,411.00	therms	3,647	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	193.53	0.0182	0.0004	194.02
Howard County Public Schools	Running Brook Elementary			Natural Gas	103000	Btu/therm	27,758.00	therms	2,859	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	151.70	0.0143	0.0003	152.09
Howard County Public Schools	St Johns Lane Elementary			Natural Gas	103000	Btu/therm	28,564.00	therms	2,942	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	156.11	0.0147	0.0003	156.51
Howard County Public Schools	Stevens Forest Elementary			Natural Gas	103000	Btu/therm	17,158.00	therms	1,767	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	93.77	0.0088	0.0002	94.01
Howard County Public Schools	Swansfield Elementary			Natural Gas	103000	Btu/therm	20,688.00	therms	2,131	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	113.06	0.0107	0.0002	113.35
Howard County Public Schools	Talbott Springs Elem			Natural Gas	103000	Btu/therm	23,957.00	therms	2,468	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	130.93	0.0123	0.0002	131.26
Howard County Public Schools	Thunderhill Elementary			Natural Gas	103000	Btu/therm	27,479.00	therms	2,830	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	150.18	0.0142	0.0003	150.56
Howard County Public Schools	Triadelphia Ridge Elementary			Natural Gas	103000	Btu/therm	22,543.00	therms	2,322	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	123.20	0.0116	0.0002	123.52
Howard County Public Schools	Veterans			Natural Gas	103000	Btu/therm		therms	0	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	0.00	0.0000	0.0000	0.00
Howard County Public Schools	Waterloo Elementary			Natural Gas	103000	Btu/therm	44,447.00	therms	4,578	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	242.91	0.0229	0.0005	243.53
Howard County Public Schools	Waverly Elementary			Natural Gas	103000	Btu/therm	17,418.00	therms	1,794	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	95.19	0.0090	0.0002	95.44
Howard County Public Schools	West Friendship Elementary			Natural Gas	103000	Btu/therm	14,272.00	therms	1,470	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	78.00	0.0074	0.0001	78.20
Howard County Public Schools	Worthington Elementary			Natural Gas	103000	Btu/therm	29,753.00	therms	3,065	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	162.61	0.0153	0.0003	163.02
Howard County Public Schools	Hammond Elementary			Natural Gas	103000	Btu/therm		therms	0	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	0.00	0.0000	0.0000	0.00

Stationary Combustion

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x heat content Btu/gal x MMBtu/1000000 Btu x kg/MMBtu x 1 tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = fuel gal/yr x fuel Btu/gal x MMBtu/1000000 Btu x g/MMBtu x 1 tonne/1000000 g = tonne/yr

Entity	Facility Name	No. of Units	Equipment Name	Fuel Type	Heat Content	Units	Fuel Usage	Units	Energy Output (MMBtu/yr)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Howard County Public Schools	Hammond Middle			Natural Gas	103000	Btu/therm		therms	0	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	0.00	0.0000	0.0000	0.00
Howard County Public Schools	Hammond Elementary/Middle			Natural Gas	103000	Btu/therm	30,519.00	therms	3,143	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	166.79	0.0157	0.0003	167.22
Howard County Public Schools	Bonnie Branch Middle			Natural Gas	103000	Btu/therm	33,750.00	therms	3,476	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	184.45	0.0174	0.0003	184.92
Howard County Public Schools	Burleigh Manor Middle			Natural Gas	103000	Btu/therm	30,820.00	therms	3,174	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	168.44	0.0159	0.0003	168.87
Howard County Public Schools	Clarksville Middle School			Natural Gas	103000	Btu/therm	38,009.00	therms	3,915	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	207.73	0.0196	0.0004	208.26
Howard County Public Schools	Dunloggin Middle			Natural Gas	103000	Btu/therm	24,505.00	therms	2,524	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	133.92	0.0126	0.0003	134.27
Howard County Public Schools	Elkridge Landing Middle School			Natural Gas	103000	Btu/therm	23,797.00	therms	2,451	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	130.05	0.0123	0.0002	130.39
Howard County Public Schools	Ellicott Mills Middle			Natural Gas	103000	Btu/therm	32,161.00	therms	3,313	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	175.77	0.0166	0.0003	176.22
Howard County Public Schools	Folly Quarter Middle			Natural Gas	103000	Btu/therm	24,725.00	therms	2,547	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	135.13	0.0127	0.0003	135.47
Howard County Public Schools	Glenwood Middle			Natural Gas	103000	Btu/therm	0.00	therms	0	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	0.00	0.0000	0.0000	0.00
Howard County Public Schools	Harpers Choice Middle			Natural Gas	103000	Btu/therm	28,458.00	therms	2,931	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	155.53	0.0147	0.0003	155.93
Howard County Public Schools	Lime Kiln Middle			Natural Gas	103000	Btu/therm	26,305.00	therms	2,709	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	143.76	0.0135	0.0003	144.13
Howard County Public Schools	Mayfield Woods Middle			Natural Gas	103000	Btu/therm	25,768.00	therms	2,654	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	140.83	0.0133	0.0003	141.19
Howard County Public Schools	Mount View Middle			Natural Gas	103000	Btu/therm	31,653.00	therms	3,260	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	172.99	0.0163	0.0003	173.43
Howard County Public Schools	Murray Hill Middle			Natural Gas	103000	Btu/therm	16,275.00	therms	1,676	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	88.95	0.0084	0.0002	89.17
Howard County Public Schools	Oakland Mills Middle - A			Natural Gas	103000	Btu/therm	20,789.00	therms	2,141	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	113.62	0.0107	0.0002	113.91
Howard County Public Schools	Patapsco Middle			Natural Gas	103000	Btu/therm	10,173.00	therms	1,048	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	55.60	0.0052	0.0001	55.74
Howard County Public Schools	Patuxent MS			Natural Gas	103000	Btu/therm	28,357.00	therms	2,921	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	154.98	0.0146	0.0003	155.37
Howard County Public Schools	Wilde Lake Middle			Natural Gas	103000	Btu/therm	10,967.00	therms	1,130	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	59.94	0.0056	0.0001	60.09
Howard County Public Schools	Atholton HS			Natural Gas	103000	Btu/therm	90,812.00	therms	9,354	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	496.30	0.0468	0.0009	497.58
Howard County Public Schools	Centennial High			Natural Gas	103000	Btu/therm	62,744.00	therms	6,463	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	342.91	0.0323	0.0006	343.79
Howard County Public Schools	Glenelg High			Natural Gas	103000	Btu/therm	49,376.00	therms	5,086	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	269.85	0.0254	0.0005	270.54
Howard County Public Schools	Hammond High			Natural Gas	103000	Btu/therm	65,302.00	therms	6,726	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	356.89	0.0336	0.0007	357.80
Howard County Public Schools	Howard High			Natural Gas	103000	Btu/therm	74,815.00	therms	7,706	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	408.88	0.0385	0.0008	409.93
Howard County Public Schools	Long Reach High			Natural Gas	103000	Btu/therm	45,397.00	therms	4,676	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	248.10	0.0234	0.0005	248.74
Howard County Public Schools	Marriotts Ridge High			Natural Gas	103000	Btu/therm		therms	0	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	0.00	0.0000	0.0000	0.00
Howard County Public Schools	Mount Hebron			Natural Gas	103000	Btu/therm	90,450.00	therms	9,316	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	494.33	0.0466	0.0009	495.59
Howard County Public Schools	Oakland Mills HS			Natural Gas	103000	Btu/therm	97,226.00	therms	10,014	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	531.36	0.0501	0.0010	532.72
Howard County Public Schools	Reservoir High			Natural Gas	103000	Btu/therm	76,216.00	therms	7,850	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	416.53	0.0393	0.0008	417.60
Howard County Public Schools	River Hill High			Natural Gas	103000	Btu/therm	71,731.00	therms	7,388	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	392.02	0.0369	0.0007	393.03
Howard County Public Schools	Wilde Lake High			Natural Gas	103000	Btu/therm	69,213.00	therms	7,129	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	378.26	0.0356	0.0007	379.23
Howard County Public Schools	Applications & Research Lab			Natural Gas	103000	Btu/therm	107,498.00	therms	11,072	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	587.50	0.0554	0.0011	589.00
Howard County Public Schools	Homewood School			Natural Gas	103000	Btu/therm	20,005.00	therms	2,061	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	109.33	0.0103	0.0002	109.61
Howard County Public Schools	Old Cedar Lane School			Natural Gas	103000	Btu/therm	21,623.00	therms	2,227	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	118.17	0.0111	0.0002	118.48
Howard County Public Schools	Cedar Lane School - (NEW)			Natural Gas	103000	Btu/therm	77,801.00	therms	8,014	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	425.20	0.0401	0.0008	426.29
Howard County Public Schools	Faulkner Ridge			Natural Gas	103000	Btu/therm	17,652.00	therms	1,818	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	96.47	0.0091	0.0002	96.72
Howard County Public Schools	Warehouse - all locations			Natural Gas	103000	Btu/therm	24,991.00	therms	2,574	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	136.58	0.0129	0.0003	136.93
Howard Community College	Howard Community College			Distillate Oil	131800	Btu/gal	30,613.00	gallons	4,035	HCC- Plant Operations Dept.-Travis Hopkins - 410.772.4751	100	Distillate Fuel Oil (#1, 2, & 4)	Gas/Diesel Oil Boilers	73.15	kg/MMBtu	B/C	0.9	g/MMBtu	B	0.4	g/MMBtu	B	295.15	0.0036	0.0016	295.72
Howard Community College	Howard Community College			Natural Gas	103000	BTU/therm	430,780.00	therms	44,370	HCC- Plant Operations Dept.-Travis Hopkins - 410.772.4752	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	2354.29	0.2219	0.0044	2,360.32
Bureau of Utilities	LPWRP Maint.	32	Emergency Generators	Diesel	157500	Btu/gal	8,666.00	gallons	1,365	Fuel tickets	100	Distillate Fuel Oil (#1, 2, & 4)	Diesel Oil Engines < 600 hp (447 kW) (INGAA)	73.15	kg/MMBtu	B/C	4.0	g/MMBtu	B	11.0	g/MMBtu	B	99.84	0.0055	0.0150	104.61
Bureau of Facilities	Court House			Natural Gas	103000	BTU/therm	5,402.00	therms	556	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	29.52	0.0028	0.0001	29.60
Bureau of Facilities	Warfield Building			Natural Gas	103000	BTU/therm	11,918.00	therms	1,228	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	65.13	0.0061	0.0001	65.30
Bureau of Facilities	Old Detention Center			Natural Gas	103000	BTU/therm	4,256.00	therms	438	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	23.26	0.0022	0.0000	23.32
Bureau of Facilities	Roger Carter Center			Natural Gas	103000	BTU/therm	6,254.00	therms	644	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	34.18	0.0032	0.0001	34.27
Bureau of Facilities	Coop Ext - Rental			Natural Gas	103000	BTU/therm	786.00	therms	81	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	4.30	0.0004	0.0000	4.31
Bureau of Facilities	Mayfield Highway Shop (test well)			Natural Gas	103000	BTU/therm	16,709.00	therms	1,721	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	91.32	0.0086	0.0002	91.55

Stationary Combustion

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = fuel gal/yr x heat content Btu/gal x MMBtu/1000000 Btu x kg/MMBtu x 1 tonne/1000 kg = tonne/yr
CH4 and N2O (tonnes/yr) = fuel gal/yr x fuel Btu/gal x MMBtu/1000000 Btu x g/MMBtu x 1 tonne/1000000 g = tonne/yr

Entity	Facility Name	No. of Units	Equipment Name	Fuel Type	Heat Content	Units	Fuel Usage	Units	Energy Output (MMBtu/yr)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Bureau of Facilities	Mayfield Highway Shop (maintenance bldg)			Natural Gas	103000	BTU/therm	9,429.00	therms	971	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	51.53	0.0049	0.0001	51.66
Bureau of Facilities	Fire Station #7			Natural Gas	103000	BTU/therm	2,898.00	therms	298	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	15.84	0.0015	0.0000	15.88
Bureau of Facilities	Fire Station #10			Natural Gas	103000	BTU/therm	3,396.00	therms	350	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	18.56	0.0017	0.0000	18.61
Bureau of Facilities	Florence Bain Senior Center			Natural Gas	103000	BTU/therm	20,987.00	therms	2,162	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	114.70	0.0108	0.0002	114.99
Bureau of Facilities	Detention Center			Natural Gas	103000	BTU/therm	101,455.00	therms	10,450	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	554.47	0.0522	0.0010	555.89
Bureau of Facilities	Doyle House			Natural Gas	103000	BTU/therm	1,168.00	therms	120	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	6.38	0.0006	0.0000	6.40
Bureau of Facilities	Rec and Parks Office Center			Natural Gas	103000	BTU/therm	19,313.00	therms	1,989	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	105.55	0.0099	0.0002	105.82
Bureau of Facilities	Elkridge Library			Natural Gas	103000	BTU/therm	10,999.00	therms	1,133	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	60.11	0.0057	0.0001	60.27
Bureau of Facilities	East Columbia Library			Natural Gas	103000	BTU/therm	13,178.00	therms	1,357	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	72.02	0.0068	0.0001	72.20
Bureau of Facilities	Thomas B. Dorsey Building			Natural Gas	103000	BTU/therm	21,004.00	therms	2,163	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	114.79	0.0108	0.0002	115.08
Bureau of Facilities	Glenwood Library			Natural Gas	103000	BTU/therm	13,288.00	therms	1,369	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	72.62	0.0068	0.0001	72.81
Bureau of Facilities	Ellicott City Senior Center			Natural Gas	103000	BTU/therm	5,476.00	therms	564	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	29.93	0.0028	0.0001	30.00
Bureau of Facilities	Central Booking Facility			Natural Gas	103000	BTU/therm	5,967.00	therms	615	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	32.61	0.0031	0.0001	32.69
Bureau of Facilities	Office on Aging			Natural Gas	103000	BTU/therm	0.00	therms	0	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	0.00	0.0000	0.0000	0.00
Bureau of Facilities	O'Donnell Property			Natural Gas	103000	BTU/therm	16,709.00	therms	1,721	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	91.32	0.0086	0.0002	91.55
Bureau of Facilities	Tauri Property			Natural Gas	103000	BTU/therm	0.00	therms	0	Utility Bills/Energy Manager	100	Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	0.00	0.0000	0.0000	0.00
Bureau of Facilities	Various		Bulk Fuel Purchase	Propane	91500	Btu/gal	7,728.70	gallons	707	Fuel deliveries	100	Propane	Petroleum Products - Residential/Commercial End Use	63.07	kg/MMBtu	B/C	11.0	g/MMBtu	C	0.6	g/MMBtu	C	44.60	0.0078	0.0004	44.90
Bureau of Facilities	Various		Bulk Fuel Purchase	Fuel Oil	131800	Btu/gal	88,297.40	gallons	11,638	Fuel deliveries	100	Distillate Fuel Oil (#1, 2, & 4)	Gas/Diesel Oil Boilers	73.15	kg/MMBtu	B/C	0.9	g/MMBtu	B	0.4	g/MMBtu	B	851.29	0.0105	0.0047	852.95
Bureau of Facilities	Various		Bulk Fuel Purchase	Diesel	157500	Btu/gal	4,849.00	gallons	764	Fuel deliveries	100	Distillate Fuel Oil (#1, 2, & 4)	Gas/Diesel Oil Boilers	73.15	kg/MMBtu	B/C	0.9	g/MMBtu	B	0.4	g/MMBtu	B	55.87	0.0007	0.0003	55.98
																						Total:	**18,885.58**	**1.65**	**0.06**	**18,938.24**

Entity	Facility Name	No. of Units	Equipment Name	Fuel Type	Heat Content	Units	Fuel Usage	Units	Heat Output (MMBtu/yr)	Data Source	Percent Equity (%)	CO2 Emission Factor Name	CH4 and N2O Emission Factor Name	CO2 Emission Factor	CO2 Emission Factor Units	CO2 Tier	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	CO2 tonne/yr	CH4 tonne/yr	N2O tonne/yr	Total CO2 eq (tonne/yr)
Community-Based																										
Residential	Various		various	Natural Gas	103000	BTU/therm	35,897,330.00	therms	3.70E+12	BGE/Bert Wilson		Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	1.96E+11	1.85E+07	3.70E+05	1.97E+11
Small Commercial & Industrial	Various		various	Natural Gas	103000	BTU/therm	27,676,300.00	therms	2.85E+12			Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	1.51E+11	1.43E+07	2.85E+05	1.52E+11
Large Commercial & Industrial	Various		various	Natural Gas	103000	BTU/therm	5,118,380.00	therms	5.27E+11			Natural Gas - Unspecified (Weighted U.S. Average)	Natural Gas - Residential/ Commercial End Use	53.06	kg/MMBtu	B/C	5.0	g/MMBtu	C	0.1	g/MMBtu	C	2.80E+10	2.64E+06	5.27E+04	2.80E+10
																						Total	**3.75E+11**	**3.54E+07**	**7.08E+05**	**3.76E+11**

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Fugitive/Refrigerant-Based Emissions

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Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
HFC (tonnes/yr) = equip capacity (tons) x annual leak rate % x tonnes/1.1 tons * GWP**OR** lb of refrigerant charged x tonne/2204.6 lb * GWP
HCFC or CFC (tonnes/yr) = equip capacity (tons) x annual leak rate % x tonnes/1.1 tons * GWP**OR** lb of refrigerant charged x tonne/2204.6 lb * GWP

Entity	Facility Name	Type of Equipment	Model No.	Total Refrigerant Capacity of Unit (tons)	Refrigerant Type	Total Refrigerant Charged to Equipment (lb)	Data Source	GWP	Annual Leak Rate (%)	Percent Equity (%)	HFC (tonne/yr)	Total CO2-eq (tonne/yr)
County-Owned												
Howard County Public Schools	Centennial High	Carrier Commercial Chiller	Machine-02XR-382CPH64; Cooler - 46; Condenser-47		R-134a	1050.00		1300	35%	100	4.76E-01	619.16
Howard County Public Schools	Dayton Oaks Elem	McQuay Commercial Chiller	Ags270 B27-ER10		R-134a	644.00		1300	35%	100	2.92E-01	379.75
Howard County Public Schools	Glenelg High	McQuay Commercial Chiller #1	Ags210 CH27-ER10		R-134a	400.00		1300	35%	100	1.81E-01	235.87
Howard County Public Schools	Glenelg High	McQuay Commercial Chiller #2	Ags210 CH27-ER11	200	R-134a	400.00		1300	35%	100	1.81E-01	235.87
Howard County Public Schools	Glenelg High	York Commercial Chiller	YCAV01 575A46 VACSXTO	200	R-134a	324.00		1300	35%	100	1.47E-01	191.06
Howard County Public Schools	Homewood Center	Trane Commercial Chiller	RTAC 1404 UCONUAFNN1NY; 1TDNNNONN2OCNOFXN		R-134a	290.00		1300	35%	100	1.32E-01	171.01
Howard County Public Schools	Reservoir High	McQuay Commercial Chiller #1	WSC063-DAAA		R-134a	860.00		1300	35%	100	3.90E-01	507.12
Howard County Public Schools	Reservoir High	McQuay Commercial Chiller #2	WSC063-DAAA		R-134a	950		1300	35%	100	4.31E-01	560.19
Howard County Public Schools	West Friendship Elem	McQuay Commercial Chiller	PEHO505		R-134a	920		1300	35%	100	4.17E-01	542.50
Howard County Public Schools	Mt Hebron High	McQuay Commercial Chiller	PEH063	200	R-134a	650	Hummy Khan	1300	35%	100	2.95E-01	383.29
Howard County Public Schools	Cedar Lane @ Lime Kiln	McQuay Commercial Chiller			R-134a	400.00	Hummy Khan	1300	35%	100	1.81E-01	235.87
Howard County Public Schools	Howard High	McQuay Commercial Chiller E#3			R-134a	482.00	Hummy Khan	1300	35%	100	2.19E-01	284.22
Howard County Public Schools	Howard High	McQuay Commercial Chiller W#1	E261BE2-A		R-134a	643.00	Hummy Khan	1300	35%	100	2.92E-01	379.16
Howard County Public Schools	Howard High	CarrierCommercial Chiller C#2	30HXC2716Y-640AA		R-134a	600.0	Hummy Khan	1300	35%	100	2.72E-01	353.81
Howard County Public Schools	Veterans Elem	McQuay Commercial Chiller			R-134a	644.00	Hummy Khan	1300	35%	100	2.92E-01	379.75
Howard County Public Schools	Long Reach High	McQuay Commercial Chiller #1	E2212182LA	63	R-134a	810.0	Hummy Khan	1300	35%	100	3.67E-01	477.64
Howard County Public Schools	Long Reach High	McQuay Commercial Chiller #2	E2212182LA	64	R-134a	811.00	Hummy Khan	1300	35%	100	3.68E-01	478.23
Howard County Public Schools	Marriotts Ridge High	McQuay 273 Ton Chiller #1	WSC063-DAAAM		R-134a	853.00	Hummy Khan	1300	35%	100	3.87E-01	502.99
Howard County Public Schools	Marriotts Ridge High	McQuay 273 Ton Chiller #2	WSC063-DAAAM		R-134a	853.00	Hummy Khan	1300	35%	100	3.87E-01	502.99
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	105067		R-134a	8.00	Marc Desmangles	1300	35%	100	3.63E-03	4.72
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	105695		R-134a	1.00	Marc Desmangles	1300	35%	100	4.54E-04	0.59
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	105702		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Guilford Fleet Shop	Vehicle AC	105704		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Guilford Fleet Shop	Vehicle AC	105731		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	105744		R-134a	8.00	Marc Desmangles	1300	35%	100	3.63E-03	4.72
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	106625		R-134a	8.00	Marc Desmangles	1300	35%	100	3.63E-03	4.72
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	107211		R-134a	1.00	Marc Desmangles	1300	35%	100	4.54E-04	0.59
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	107862		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Cooksville Fleet Shop	Vehicle AC	107864		R-134a	17.00	Marc Desmangles	1300	35%	100	7.71E-03	10.02

Fugitive/Refrigerant-Based Emissions

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Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
HFC (tonnes/yr) = equip capacity (tons) x annual leak rate % x tonnes/1.1 tons * GWP**OR** lb of refrigerant charged x tonne/2204.6 lb * GWP
HCFC or CFC (tonnes/yr) = equip capacity (tons) x annual leak rate % x tonnes/1.1 tons * GWP**OR** lb of refrigerant charged x tonne/2204.6 lb * GWP

Entity	Facility Name	Type of Equipment	Model No.	Total Refrigerant Capacity of Unit (tons)	Refrigerant Type	Total Refrigerant Charged to Equipment (lb)	Data Source	GWP	Annual Leak Rate (%)	Percent Equity (%)	HFC (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	107988		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	107996		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	107997		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Guilford Fleet Shop	Vehicle AC	108126		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	108169		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Cooksville Fleet Shop	Vehicle AC	108180		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	108229		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	108250		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	108252		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	108256		R-134a	1.00	Marc Desmangles	1300	35%	100	4.54E-04	0.59
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	108257		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	108258		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	108263		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	108265		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	108300		R-134a	1.00	Marc Desmangles	1300	35%	100	4.54E-04	0.59
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	108921		R-134a	6.00	Marc Desmangles	1300	35%	100	2.72E-03	3.54
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	109546A		R-134a	1.00	Marc Desmangles	1300	35%	100	4.54E-04	0.59
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	109692		R-134a	7.00	Marc Desmangles	1300	35%	100	3.18E-03	4.13
Department of Central Administration - Fleet	Cooksville Fleet Shop	Vehicle AC	109759		R-134a	7.00	Marc Desmangles	1300	35%	100	3.18E-03	4.13
Department of Central Administration - Fleet	Guilford Fleet Shop	Vehicle AC	109761		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	109926		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	109968		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Cooksville Fleet Shop	Vehicle AC	110194		R-134a	1.00	Marc Desmangles	1300	35%	100	4.54E-04	0.59
Department of Central Administration - Fleet	Guilford Fleet Shop	Vehicle AC	110195		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Guilford Fleet Shop	Vehicle AC	110204		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	110208		R-134a	5.00	Marc Desmangles	1300	35%	100	2.27E-03	2.95
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	110214		R-134a	5.00	Marc Desmangles	1300	35%	100	2.27E-03	2.95
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	110215		R-134a	10.00	Marc Desmangles	1300	35%	100	4.54E-03	5.90
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	110794		R-134a	0.00	Marc Desmangles	1300	35%	100	0.00E+00	0.00
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	110799		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77

Fugitive/Refrigerant-Based Emissions

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HFC (tonnes/yr) = equip capacity (tons) x annual leak rate % x tonnes/1.1 tons * GWP**OR** lb of refrigerant charged x tonne/2204.6 lb * GWP
HCFC or CFC (tonnes/yr) = equip capacity (tons) x annual leak rate % x tonnes/1.1 tons * GWP**OR** lb of refrigerant charged x tonne/2204.6 lb * GWP

Entity	Facility Name	Type of Equipment	Model No.	Total Refrigerant Capacity of Unit (tons)	Refrigerant Type	Total Refrigerant Charged to Equipment (lb)	Data Source	GWP	Annual Leak Rate (%)	Percent Equity (%)	HFC (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	110801		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Cooksville Fleet Shop	Vehicle AC	110802		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	110804		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Guilford Fleet Shop	Vehicle AC	111157		R-134a	1.00	Marc Desmangles	1300	35%	100	4.54E-04	0.59
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	112161		R-134a	1.00	Marc Desmangles	1300	35%	100	4.54E-04	0.59
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	112386		R-134a	1.00	Marc Desmangles	1300	35%	100	4.54E-04	0.59
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	112389		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Cooksville Fleet Shop	Vehicle AC	113012		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Cooksville Fleet Shop	Vehicle AC	113098		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	113130		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	113155		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Guilford Fleet Shop	Vehicle AC	113183		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Guilford Fleet Shop	Vehicle AC	113184		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	113233		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	113234		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Cooksville Fleet Shop	Vehicle AC	113236		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	113237		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	113241		R-134a	1.00	Marc Desmangles	1300	35%	100	4.54E-04	0.59
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	113433		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	113710		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Cooksville Fleet Shop	Vehicle AC	113712		R-134a	1.00	Marc Desmangles	1300	35%	100	4.54E-04	0.59
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	113713		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	114035		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	114394		R-134a	1.00	Marc Desmangles	1300	35%	100	4.54E-04	0.59
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	114610		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	114671		R-134a	6.00	Marc Desmangles	1300	35%	100	2.72E-03	3.54
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	114672		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	114679		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	114680		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	114681		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77

Fugitive/Refrigerant-Based Emissions

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
HFC (tonnes/yr) = equip capacity (tons) x annual leak rate % x tonnes/1.1 tons * GWP**OR** lb of refrigerant charged x tonne/2204.6 lb * GWP
HCFC or CFC (tonnes/yr) = equip capacity (tons) x annual leak rate % x tonnes/1.1 tons * GWP**OR** lb of refrigerant charged x tonne/2204.6 lb * GWP

Entity	Facility Name	Type of Equipment	Model No.	Total Refrigerant Capacity of Unit (tons)	Refrigerant Type	Total Refrigerant Charged to Equipment (lb)	Data Source	GWP	Annual Leak Rate (%)	Percent Equity (%)	HFC (tonne/yr)	Total CO2-eq (tonne/yr)
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	114682		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	114684		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	114690		R-134a	5.00	Marc Desmangles	1300	35%	100	2.27E-03	2.95
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	114890		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Cooksville Fleet Shop	Vehicle AC	117485		R-134a	5.00	Marc Desmangles	1300	35%	100	2.27E-03	2.95
Department of Central Administration - Fleet	Cooksville Fleet Shop	Vehicle AC	117576		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	117578		R-134a	8.00	Marc Desmangles	1300	35%	100	3.63E-03	4.72
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	117580		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	118429		R-134a	5.00	Marc Desmangles	1300	35%	100	2.27E-03	2.95
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	119184		R-134a	1.00	Marc Desmangles	1300	35%	100	4.54E-04	0.59
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	120668		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	121903		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	122029		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Alpha Ridge Fleet Shop	Vehicle AC	36024		R-134a	1.00	Marc Desmangles	1300	35%	100	4.54E-04	0.59
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	36355		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Cooksville Fleet Shop	Vehicle AC	37871		R-134a	13.00	Marc Desmangles	1300	35%	100	5.90E-03	7.67
Department of Central Administration - Fleet	Cooksville Fleet Shop	Vehicle AC	40964		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	41004		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	41337		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	41401		R-134a	4.00	Marc Desmangles	1300	35%	100	1.81E-03	2.36
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	DPW-HYEAST		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Guilford Fleet Shop	Vehicle AC	P00208		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Dayton Fleet Shop	Vehicle AC	P00345		R-134a	8.00	Marc Desmangles	1300	35%	100	3.63E-03	4.72
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	Z105692		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Cooksville Fleet Shop	Vehicle AC	Z105736		R-134a	3.00	Marc Desmangles	1300	35%	100	1.36E-03	1.77
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	Z109916		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	Z110123		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
Department of Central Administration - Fleet	Utilities Fleet Shop	Vehicle AC	Z110125		R-134a	1.00	Marc Desmangles	1300	35%	100	4.54E-04	0.59
Department of Central Administration - Fleet	Guilford Fleet Shop	Vehicle AC	Z110198		R-134a	0.00	Marc Desmangles	1300	35%	100	0.00E+00	0.00
Department of Central Administration - Fleet	Mayfield Fleet Shop	Vehicle AC	Z113147		R-134a	2.00	Marc Desmangles	1300	35%	100	9.07E-04	1.18
										Total	**5.86**	**7,618.62**

Fugitive/Refrigerant-Based Emissions

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
HFC (tonnes/yr) = equip capacity (tons) x annual leak rate % x tonnes/1.1 tons * GWP**OR** lb of refrigerant charged x tonne/2204.6 lb * GWP
HCFC or CFC (tonnes/yr) = equip capacity (tons) x annual leak rate % x tonnes/1.1 tons * GWP**OR** lb of refrigerant charged x tonne/2204.6 lb * GWP

Entity	Facility Name	Type of Equipment	Model No.	Total Refrigerant Capacity of Unit (tons)	Refrigerant Type	Total Refrigerant Charged to Equipment (lb)	Data Source	GWP	Annual Leak Rate (%)	Percent Equity (%)	HFC (tonne/yr)	Total CO2-eq (tonne/yr)

Facility	Facility Name	Type of Equipment	Model No.	Total Refrigerant Capacity of Unit (tons)	Refrigerant Type	Total Refrigerant Charged to Equipment (lb)	Data Source	GWP	Annual Leak Rate (%)	Percent Equity (%)	HCFC/CFC (tonne/yr)	Total CO2 eq (tonne/year)
County-Owned												
Howard County Public Schools	Bushy Park Elem	McQuay Commercial Chiller	Ags275 DSHNN-ER10		CFC-11	480.00		4600	35%	100	2.18E-01	1,001.54
Bureau of Facilities	Varies				CFC-11	600.00	Richard Lee	4600	35%	100	2.72E-01	1,251.93
Bureau of Facilities	Varies				HCFC-22	2400.00	Richard Lee	1700	35%	100	1.09E+00	1,850.68
Bureau of Facilities	Varies				CFC-113 (Freon 113)	400.00	Richard Lee	6000	35%	100	1.81E-01	1,088.63
										Total	**1.76**	**5,192.78**

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Process Emissions - Wastewater Treatment and Biosolids Management (Biomass Emissions)

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
Wastewater CH4 (tonnes/yr) = water treated (gal/yr) x COD/BOD5 content (mg/L) x 3.785 L/gal x kg/1000000 mg x CH4 kg/COD/BOD5 kg x tonnes/1000 kg
Wastewater N2O (tonnes/yr) = water treated (gal/yr) x total nitrogen content (mg/L) x 3.785 L/gal x kg/1000000 mg x N2O-N kg/N kg x 44/28 (N2O/N2 MW ratio) x tonnes/1000 kg
Wastewater N2O (tonnes/yr) = population served (person) x nitrogen loading (g N2O/person/yr) x tonne/1000000 g
Biosolids C (tonnes/yr) = biosolids land applied (tons/yr) x volatile organic compound content (%) x 44/12 (CO2/C MW ratio) x tonne/1.1 ton

Entity	Facility Name	Onsite Anaerobic Treatment Systems?	Action #1	Nitrification/ Denitrification?	Action #2	Annual Avg Wastewater Flow (MGD)	Annual Wastewater Treated (gal/yr)	Enter Either COD or BOD5 COD or BOD5	Average COD or BOD5 Content (mg/L)	Methane Recovery (kg/year)	Average Total Nitrogen Content (mg/L)	Population Served by Plant (persons)	Source of Data (i.e. purchase records)	CH4 Emission Factor	CH4 Emission Factor Units	CH4 Tier	N2O Emission Factor	N2O Emission Factor Units	N2O Emission Factor	N2O Emission Factor Units	N2O Tier	Total CH4 emissions (tonne/yr)	Total N2O emissions (tonne/yr)	Total CO2-eq (tonnes/yr)
County-Owned																								
Bureau of Environmental Services	Little Patuxent Water Treatment Plant	No	STOP - COD or BOD5 Data Not Required	Yes	Provide Requested Total Nitrogen and Population Data	18.69	6.82E+09			0.00	5.36	270,000	Jim Worthington/ Monthly Effluent Analytical Report	0.00	N/A	A/B	7.000	g/person/yr	0.005	kg N2O-N/kg-N	A/B	0.00	2.98	923.00
			STOP - COD or BOD5 Data Not Required		STOP - Total Nitrogen and Population Data Not Required																			
			STOP - COD or BOD5 Data Not Required		STOP - Total Nitrogen and Population Data Not Required																			
			STOP - COD or BOD5 Data Not Required		STOP - Total Nitrogen and Population Data Not Required																			
			STOP - COD or BOD5 Data Not Required		STOP - Total Nitrogen and Population Data Not Required																			
			STOP - COD or BOD5 Data Not Required		STOP - Total Nitrogen and Population Data Not Required																			
			STOP - COD or BOD5 Data Not Required		STOP - Total Nitrogen and Population Data Not Required																			
																					Total	**0.00**	**2.98**	**923.00**

Entity	Facility Name	Amount of Biosolids Hauled (tons/yr)	Volatile Organic Compounds (VOC) Content (%)	CO2 Emission Factor (kg CO2/kg C)	CH4 Emission Factor (kg CH4/kg C)	N2O Emission Factor (kg N2O-N/kg C)	CH4 Emitted (tonne/yr)	N2O Emitted (tonne/yr)	CO2-eq Emitted (tonne/yr)	CO2 Stored (tons/yr)	CO2 Stored (tonnes/yr)
Bureau of Environmental Services	Little Patuxent Water Treatment Plant		0.49							0.00	0.00
						Total:	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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Process Emissions - Landfill Gas Flaring

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology:

CH4 (tonnes/yr) = LFG collected (scfm) x 60 min/hr x 24 hr/day x 365 day/yr x 10^{-6} MMSCF/scf x methane content (%) x {(1-DE) + [((1-CE)/CE) x (1-OX)]} x 19.125 tonne/MMSCF

Entity	Facility Name	Landfill Cover Type	Control Device Type	Fuel Type	LFG Flow Collected (scfm)	Methane Content (%)	Methane Flow Collected (scfm)	Collection Efficiency (CE)	Data Source	Percent Equity (%)	Oxidation Factor (OX)	CH4 Destruction Efficiency (DE)	CH4 (tonnes/yr)	Total CO2-eq (tonne/yr)
Bureau of Environmental Services	Alpha Ridge Landfill	Synthetic	Closed Flare	Landfill Gas (LFG)	537.00	0.481	258.30	0.520	Niti Blackwell, Bureau of Environmental Services	100.00	0.00	0.980	2,448.63	51,421.24
													Total	**51,421.24**

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Indirect Emissions - Municipal Solid Waste Exports to Landfill

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor
CO2, CH4, and N2O (tonnes/yr) = Tons/yr x tonnes/tons

						CO2 Emission Factors			CH4 Emission Factors			N2O Emission Factor				
Entity	**Facility**	**Material**	**Quantity to Landfill (tons)**	**Quantity to Incinerator (tons)**	**Quantity Composted (tons)**	**Landfill (tonne/ton)**	**Incinerator (tonne/ton)**	**Composting (tonne/ton)**	**Landfill (tonne/ton)**	**Incinerator (tonne/ton)**	**Composting (tonne/ton)**	**Incinerator (tonne/ton)**	**CO2 (tonne/yr)**	**CH4 (tonne/yr)**	**N2O (tonne/yr)**	**Total CO2-eq (tonne/yr)**
Bureau of Environmental Services	Various - Solid Waste Disposal	Yard Trimmings	0.00	0.00	12,471.00	(0.7419)	(0.2849)	(0.2151)	0.0300	0.0000	0.0000	0.0001	(2,682.51)	0.00	0.00	(2,682.51)
Bureau of Environmental Services	Various - Solid Waste Disposal	Branches	0.00	0.00	16,205.00	(0.7386)	(0.2849)	(0.2151)	0.0267	0.0000	0.0000	0.0001	(3,485.70)	0.00	0.00	(3,485.70)
Bureau of Environmental Services	Various - Solid Waste Disposal	Mixed MSW	111,231.00	0.00	0.00	(0.3437)	(0.1867)	0.0000	0.0449	(0.0001)	0.0000	0.0001	(38,230.09)	4,994.27	0.00	66,649.62
											Total		**(44,398.30)**	**4,994.27**	**0.00**	**60,481.41**

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Agriculture

Indirect Emissions - Electricity Usage

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = MWh/yr x lb/MWh x 1 tonne/2204.6 lb **OR** kWh/yr x MWh/1000 kWh x lb/MWh x 1 tonne/2204.6 lb
CH4 and N2O (tonnes/yr) = MWh/yr x lb/MWh x 1 tonne/2204.6 lb **OR** kWh/yr x MWh/1000 kWh x lb/MWh x 1 tonne/2204.6 lb

Entity	Facility ID No.	Facility Name	Address	City	Bldg Type	Square Footage	Annual Electricity Use (kWh/yr)	Annual Electricity Use (MWh/yr)	eGrid Region	Data Source	Percent Equity (%)	CO2 Emission Factor (lb/MWh)	Tier	CH4 Emission Factor (lb/MWh)	Tier	N2O Emission Factor (lb/MWh)	Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
HCPS		Board of Ed	10910 Route 108	Ellicott City	Administrative Offices	67280	1,439,910		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	715.53	0.0180	0.0112	719.39
HCPS		Harriet Tubman Bldg	8045 Harriet Tubman Lane	Columbia	Administrative Offices	26000	260,200		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	129.30	0.0033	0.0020	130.00
HCPS		Atholton Elementary	6700 Seneca Drive	Columbia	Elementary School	54394	681,600		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	338.71	0.0085	0.0053	340.53
HCPS		Bellow Springs Elementary	8125 Old Stockbridge Road	Ellicott City	Elementary School	78089	948,500		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	471.34	0.0119	0.0074	473.88
HCPS		Bollman Bridge Elementary	8200 Savage-Guilford Road	Jessup	Elementary School	85520	783,600		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	389.39	0.0098	0.0061	391.49
HCPS		Bryant Woods Elementary	5450 Blue Heron	Columbia	Elementary School	46993	627,000		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	311.57	0.0078	0.0049	313.26
HCPS		Bushy Park Total	14601 Carrs Mills Road	Glenwood	Elementary School	116818	509,700		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	253.28	0.0064	0.0040	254.65
HCPS		Centenial Lane Elem	3825 Centennial Lane	Ellicott City	Elementary School	55442	857,500		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	426.12	0.0107	0.0067	428.42
HCPS		Clarksville Elem	12041 Route 108	Clarksville	Elementary School	61178	536,000		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	266.35	0.0067	0.0042	267.79
HCPS		Clemens Crossing Elem	10320 Quarterstaff Road	Columbia	Elementary School	59664	867,000		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	430.84	0.0109	0.0068	433.16
HCPS		Cradlerock School	6700 Cradlerock Way	Columbia	Pre-K through 8th grade	136084	1,630,800		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	810.39	0.0204	0.0127	814.77
HCPS		Dayton Oaks	4691 Ten Oaks Road	Dayton	Elementary School	116818	0		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
HCPS		Deep Run Elementary	6925 Old Waterloo Road	Elkridge	Elementary School	80310	819,000		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	406.98	0.0103	0.0064	409.18
HCPS		Elkridge Elementary	7075 Montgomery Road, Elkridge	Elkridge	Elementary School	89698	1,255,500		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	623.89	0.0157	0.0098	627.26
HCPS		Forest Ridge Elementary	9550 Gorman Road	Laurel	Elementary School	79044	915,000		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	454.69	0.0115	0.0071	457.14
HCPS		Fulton Elementary	11600 Scaggsville Road	Fulton	Elementary School	83738	850,600		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	422.69	0.0106	0.0066	424.97
HCPS		Gorman Crossing Elementary	9999 Winter Sun Road	Laurel	Elementary School	67916	761,500		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	378.41	0.0095	0.0059	380.45
HCPS		Guilford Elementary	7335 Oakland Mills Road	Columbia	Elementary School	55626	841,800		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	418.31	0.0105	0.0066	420.57
HCPS		Hollifield Station Elementary	8701 Stonehouse Drive	Ellicott City	Elementary School	89351	794,000		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	394.56	0.0099	0.0062	396.69
HCPS		Ilchester Elementary	4981 Ilchester Road	Ellicott City	Elementary School	75043	939,600		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	466.91	0.0118	0.0073	469.43
HCPS		Jeffers Hill Elementary	6000 Tamar Drive	Columbia	Elementary School	54579	641,100		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	318.58	0.0080	0.0050	320.30
HCPS		Laurel Woods Elementary	9250 North Laurel Road	Laurel	Elementary School	61120	561,000		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	278.78	0.0070	0.0044	280.28
HCPS		Lisbon Elementary	15901 Frederick Road	Woodbine	Elementary School	59455	836,400		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	415.63	0.0105	0.0065	417.87
HCPS		Longfellow Elementary	5470 Hesperus Drive	Columbia	Elementary School	65794	665,400		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	330.66	0.0083	0.0052	332.44
HCPS		Manor Woods Elementary	11575 Frederick Road	Ellicott City	Elementary School	78033	1,006,000		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	499.91	0.0126	0.0078	502.61
HCPS		Northfield Elementary	9125 Northfield Road	Ellicott City	Elementary School	59881	851,100		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	422.94	0.0107	0.0066	425.22
HCPS		Phelps Luck Elementary	5370 Oldstone Court	Columbia	Elementary School	65834	787,600		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	391.38	0.0099	0.0061	393.49
HCPS		Pointers Run Elementary	6600 Trotter Road	Clarksville	Elementary School	98554	1,209,000		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	600.79	0.0151	0.0094	604.03
HCPS		Rockburn Elementary	6145 Montgomery Road	Elkridge	Elementary School	86570	1,021,800		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	507.76	0.0128	0.0080	510.50
HCPS		Running Brook Elementary	5215 W. Running Brook Road	Columbia	Elementary School	49636	670,200		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	333.04	0.0084	0.0052	334.84
HCPS		St Johns Lane Elementary	2960 St. John's Lane	Ellicott City	Elementary School	67059	754,500		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	374.93	0.0094	0.0059	376.96
HCPS		Stevens Forest Elementary	6045 Stevens Forest Road	Columbia	Elementary School	51964	613,200		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	304.72	0.0077	0.0048	306.36
HCPS		Swansfield Elementary	5610 Cedar Lane	Columbia	Elementary School	64237	779,150		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	387.18	0.0098	0.0061	389.27

Indirect Emissions - Electricity Usage

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = MWh/yr x lb/MWh x 1 tonne/2204.6 lb **OR** kWh/yr x MWh/1000 kWh x lb/MWh x 1 tonne/2204.6 lb
CH4 and N2O (tonnes/yr) = MWh/yr x lb/MWh x 1 tonne/2204.6 lb **OR** kWh/yr x MWh/1000 kWh x lb/MWh x 1 tonne/2204.6 lb

Entity	Facility ID No.	Facility Name	Address	City	Bldg Type	Square Footage	Annual Electricity Use (kWh/yr)	Annual Electricity Use (MWh/yr)	eGrid Region	Data Source	Percent Equity (%)	CO2 Emission Factor (lb/MWh)	Tier	CH4 Emission Factor (lb/MWh)	Tier	N2O Emission Factor (lb/MWh)	Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
HCPS		Talbott Springs Elem	9550 Basket Ring Road	Columbia	Elementary School	56959	886,300		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	440.43	0.0111	0.0069	442.80
HCPS		Thunderhill Elementary	9357 Mellenbrook Road	Columbia	Elementary School	47894	640,100		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	318.08	0.0080	0.0050	319.80
HCPS		Triadelphia Ridge Elementary	13400 Triadelphia Road	Ellicott City	Elementary School	67916	746,400		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	370.91	0.0093	0.0058	372.91
HCPS		Veterans	4355 Montgomery Road	Ellicott City	Elementary School	116818	0		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
HCPS		Waterloo Elementary	5940 Waterloo Road	Columbia	Elementary School	73844	584,500		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	290.46	0.0073	0.0046	292.02
HCPS		Waverly Elementary	10220 Wetherburn Road	Ellicott City	Elementary School	72888	859,400		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	427.06	0.0108	0.0067	429.37
HCPS		West Friendship Elementary	12500 Frederick Road	West Friendship	Elementary School	49538	591,600		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	293.98	0.0074	0.0046	295.57
HCPS		Worthington Elementary	4570 Roundhill Road	Ellicott City	Elementary School	61863	822,900		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	408.92	0.0103	0.0064	411.13
HCPS		Hammond Elementary	8110 Aladdin Drive	Laurel		64874	0		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
HCPS		Hammond Middle	8110 Aladdin Drive	Laurel		89456	0		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
HCPS		Hammond Elementary/Middle	8110 Aladdin Drive	Laurel	Middle and Elementary School	154330	1,730,700		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	860.04	0.0217	0.0135	864.68
HCPS		Bonnie Branch Middle	4979 Ilchester Road	Ellicott City	Middle School	94511	1,212,200		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	602.38	0.0152	0.0095	605.63
HCPS		Burleigh Manor Middle	4200 Centennial Lane	Ellicott City	Middle School	102663	1,176,600		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	584.69	0.0147	0.0092	587.84
HCPS		Clarksville Middle School	6535 Trotter Road	Clarksville	Middle School	103501	1,312,800		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	652.37	0.0164	0.0102	655.89
HCPS		Dunloggin Middle	9129 Northfield Road	Ellicott City	Middle School	82676	821,600		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	408.28	0.0103	0.0064	410.48
HCPS		Elkridge Landing Middle School	7085 Montgomery Road	Elkridge	Middle School	101226	1,104,900		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	549.06	0.0138	0.0086	552.02
HCPS		Ellicott Mills Middle	4445 Montgomery Road	Ellicott City	Middle School	96386	1,419,260		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	705.27	0.0178	0.0111	709.08
HCPS		Folly Quarter Middle	13500 Triadelphia Road	Ellicott City	Middle School	92607	1,108,800		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	551.00	0.0139	0.0087	553.97
HCPS		Glenwood Middle	2680 Route 97	Glenwood	Middle School	87096	803,860		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	399.46	0.0101	0.0063	401.62
HCPS		Harpers Choice Middle	5450 Beaverkill Road	Columbia	Middle School	87860	1,006,200		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	500.01	0.0126	0.0079	502.71
HCPS		Lime Kiln Middle	11650 Scaggsville Road	Fulton	Middle School	94151	846,800		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	420.80	0.0106	0.0066	423.07
HCPS		Mayfield Woods Middle	7950 Red Barn Way	Elkridge	Middle School	100000	1,136,400		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	564.71	0.0142	0.0089	567.76
HCPS		Mount View Middle	12101 Woodford Drive	Marriottsville	Middle School	109328	1,464,300		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	727.65	0.0183	0.0114	731.58
HCPS		Murray Hill Middle	9989 Winter Sun Road	Laurel	Middle School	111884	1,147,700		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	570.33	0.0144	0.0090	573.40
HCPS		Oakland Mills Middle - A			Middle School	81036	725,100		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	360.32	0.0091	0.0057	362.27
HCPS		Patapsco Middle	8885 Old Frederick Road	Ellicott City	Middle School	100363	1,511,600		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	751.16	0.0189	0.0118	755.21
HCPS		Patuxent MS	9151 Vollmerhausen Road	Jessup	Middle School	104062	1,281,300		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	636.72	0.0160	0.0100	640.15
HCPS		Wilde Lake Middle	10481 Cross Fox Lane	Columbia	Middle School	73364	1,342,800		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	667.28	0.0168	0.0105	670.88
HCPS		Atholton HS	6520 Freetown Road	Columbia	High School	221280	2,037,058		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	1,012.27	0.0255	0.0159	1,017.74
HCPS		Centennial High	4300 Centennial Lane	Ellicott City	High School	206162	2,500,800		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	1,242.72	0.0313	0.0195	1,249.43
HCPS		Glenelg High	14025 Burntwoods Road	Glenelg	High School	166536	1,810,800		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	899.84	0.0227	0.0141	904.69
HCPS		Hammond High	8800 Guilford Road	Columbia	High School	195988	1,869,300		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	928.91	0.0234	0.0146	933.92
HCPS		Howard High	8700 Old Annapolis Road	Ellicott City	High School	193228	3,283,800		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	1,631.82	0.0411	0.0256	1,640.62

Indirect Emissions - Electricity Usage

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Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = MWh/yr x lb/MWh x 1 tonne/2204.6 lb **OR** kWh/yr x MWh/1000 kWh x lb/MWh x 1 tonne/2204.6 lb
CH4 and N2O (tonnes/yr) = MWh/yr x lb/MWh x 1 tonne/2204.6 lb **OR** kWh/yr x MWh/1000 kWh x lb/MWh x 1 tonne/2204.6 lb

Entity	Facility ID No.	Facility Name	Address	City	Bldg Type	Square Footage	Annual Electricity Use (kWh/yr)	Annual Electricity Use (MWh/yr)	eGrid Region	Data Source	Percent Equity (%)	CO2 Emission Factor (lb/MWh)	Tier	CH4 Emission Factor (lb/MWh)	Tier	N2O Emission Factor (lb/MWh)	Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
HCPS		Long Reach High	6101 Old Dobbin Lane	Columbia	High School	239191	2,277,300		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	1,131.66	0.0285	0.0178	1,137.76
HCPS		Marriotts Ridge High	12100 Woodford Drive	Marriottsville	High School	251645	0		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
HCPS		Mount Hebron	9440 Route 99	Ellicott City	High School	200908	2,369,855		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	1,177.65	0.0297	0.0185	1,184.00
HCPS		Oakland Mills HS	9410 Kilimanjaro Road	Columbia	High School	198544	2,182,500		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	1,084.55	0.0273	0.0170	1,090.40
HCPS		Reservoir High	11550 Scaggsville Road	Fulton	High School	243913	3,104,700		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	1,542.82	0.0389	0.0242	1,551.14
HCPS		River Hill High	12101 Route 108	Clarksville	High School	237909	2,916,600		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	1,449.34	0.0365	0.0228	1,457.16
HCPS		Wilde Lake High	5460 Trumpeter Road	Columbia	High School	249603	2,716,200		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	1,349.76	0.0340	0.0212	1,357.04
HCPS		Applications & Research Lab	10920 Route 108	Ellicott City	Other	177900	2,271,374		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	1,128.71	0.0284	0.0177	1,134.80
HCPS		Homewood School	10914 Route 108	Ellicott City	Other	61421	898,432		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	446.46	0.0112	0.0070	448.87
HCPS		Old Cedar Lane School	5451 Beaverkill Rd.	Columbia	Other	50763	431,600		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	214.47	0.0054	0.0034	215.63
HCPS		Cedar Lane School - (NEW)	11630 Scaggsville Road	Fulton	Other	100599	1,625,200		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	807.61	0.0203	0.0127	811.97
HCPS		Faulkner Ridge	10598 Marble Faun Court	Columbia	Other	39200	568,200		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	282.36	0.0071	0.0044	283.88
HCPS		Warehouse - all locations	6655 Dobbin Road	Columbia	Other	43255	154,496		RFCE - RFC East	Utility Bills/Energy Manager (D.Sweeney)	100	1,095.53	B	0.03	B	0.02	B	76.77	0.0019	0.0012	77.19
Facilities	001	Court House	8360 Court Avenue	Ellicott City, MD 21043	Office	56400	1,528,400		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	759.51	0.0191	0.0119	763.60
Facilities	046	George Howard Building	3430 Court House Drive	Ellicott City, MD 21043	Office	95850	5,212,200		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	2,590.09	0.0653	0.0407	2,604.07
Facilities	046A	George Howard Building	3430 Court House Drive	Ellicott City, MD 21043	Office		3,496		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	1.74	0.0000	0.0000	1.75
Facilities	003	Carroll/Ligon Bldgs.	3450 Court House Dr.	Ellicott City, MD 21043	Office	37000			RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
Facilities	029	Warfield Building	3410 Court House Drive	Ellicott City, MD 21043	Office	37000			RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
Facilities	004	Old Detention Center	1 Emory Street	Ellicott City, MD 21043	Facility	4400	17,097		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	8.50	0.0002	0.0001	8.54
Facilities	004A	Old Detention Center	1 Emory Street	Ellicott City, MD 21043	Facility		64,041		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	31.82	0.0008	0.0005	32.00
Facilities	007	Atholton Park	6875 Greenleigh Drive	Simpsonville, MD 21150	Office	6000	29,375		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	14.60	0.0004	0.0002	14.68
Facilities	008	Ellicott City Fire Museum	3829 Church Road	Ellicott City, MD 21043	Office	500	13,962		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	6.94	0.0002	0.0001	6.98
Facilities	011	Savage Park	8400 Fair Street	Savage, MD 20763	Office	11000	20,800		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	10.34	0.0003	0.0002	10.39
Facilities	012	Old Court House	8398 Main Street	Ellicott City, MD 21043	Office	896	13,461		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	6.69	0.0002	0.0001	6.73
Facilities	013	Roger Carter Center	3676 Fels Lane	Ellicott City, MD 21043	Office	11000	263,000		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	130.69	0.0033	0.0021	131.40
Facilities	014	Martin Road Park	6701 Martin Road	Columbia, MD 21044	Office	12000	7,242		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	3.60	0.0001	0.0001	3.62
Facilities	016	Dayton Highway Shop	4301 Route 32	Dayton, MD 21036	Shop	14100	29,624		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	14.72	0.0004	0.0002	14.80
Facilities	016A	Dayton Highway Shop (trailer)	4301 Route 32	Dayton, MD 21036	Shop		153,477		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	76.27	0.0019	0.0012	76.68
Facilities	016B	Dayton Highway Shop (trailer)	4301 Route 32	Dayton, MD 21036	Shop		65,260		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	32.43	0.0008	0.0005	32.60
Facilities	016C	Dayton Highway Shop (trailer)	4301 Route 32	Dayton, MD 21036	Shop		14,146		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	7.03	0.0002	0.0001	7.07
Facilities	018	Pedestrian Bridge	5800 Columbia Pike	Columbia, MD 21045	Office	200	40,509		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	20.13	0.0005	0.0003	20.24
Facilities	020	Cooksville Highway Shop	14212 Frederick Road	Cooksville, MD 21723	Shop	8100	139,700		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	69.42	0.0017	0.0011	69.80
Facilities	020B	Cooksville Highway Shop	14212 Frederick Road	Cooksville, MD 21723	Shop		33,343		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	16.57	0.0004	0.0003	16.66
Facilities	020D	Cooksville Highway Shop	14212 Frederick Road	Cooksville, MD 21723	Shop		35,080		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	17.43	0.0004	0.0003	17.53
Facilities	020E	Cooksville Highway Shop	14212 Frederick Road	Cooksville, MD 21723	Shop		26,203		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	13.02	0.0003	0.0002	13.09
Facilities	022	Bureau of Utilities Bldg 1	8250 Old Montgomery Road	Columbia, MD 21045	Office	19700	340,400		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	169.15	0.0043	0.0027	170.07
Facilities	027	Coop Ext - Rental	3525 Ellicott Mills Dr	Ellicott City, MD 21041		1500			RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00

Indirect Emissions - Electricity Usage

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = MWh/yr x lb/MWh x 1 tonne/2204.6 lb **OR** kWh/yr x MWh/1000 kWh x lb/MWh x 1 tonne/2204.6 lb
CH4 and N2O (tonnes/yr) = MWh/yr x lb/MWh x 1 tonne/2204.6 lb **OR** kWh/yr x MWh/1000 kWh x lb/MWh x 1 tonne/2204.6 lb

Entity	Facility ID No.	Facility Name	Address	City	Bldg Type	Square Footage	Annual Electricity Use (kWh/yr)	Annual Electricity Use (MWh/yr)	eGrid Region	Data Source	Percent Equity (%)	CO2 Emission Factor (lb/MWh)	Tier	CH4 Emission Factor (lb/MWh)	Tier	N2O Emission Factor (lb/MWh)	Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Facilities	028	Mayfield Highway Shop	7751 Mayfield Avenue	Halethorpe, MD 21227	Shop	8100	214,500		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	106.59	0.0027	0.0017	107.17
Facilities	028A	Mayfield Highway Shop	7751 Mayfield Avenue	Halethorpe, MD 21227	Shop		67,662		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	33.62	0.0008	0.0005	33.80
Facilities	028B	Mayfield Highway Shop	7751 Mayfield Avenue	Halethorpe, MD 21227	Shop		32,098		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	15.95	0.0004	0.0003	16.04
Facilities	028C	Mayfield Highway Shop (test well)	7751 Mayfield Avenue	Halethorpe, MD 21227	Shop				RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
Facilities	028D	Mayfield Highway Shop (maintenance bldg)	7751 Mayfield Avenue	Halethorpe, MD 21227	Shop				RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
Facilities	037	Fire Station #7	5815 Banneker Road	Columbia, MD 21044	Facility	8000	211,100		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	104.90	0.0026	0.0016	105.47
Facilities	039	Fire Station #9	5950 Tamar Drive	Columbia, MD 21045	Facility	10500	222,800		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	110.72	0.0028	0.0017	111.31
Facilities	041	Fire Station #10	10155 Old Columbia Road	Columbia, MD 21046	Facility	9000	274,800		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	136.56	0.0034	0.0021	137.29
Facilities	042	Rockburn Branch Park	6105 Landing Road	Halethorpe, MD 21227	Office	5397	166,200		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	82.59	0.0021	0.0013	83.04
Facilities	042A	Rockburn Branch Park (field lights)	6105 Landing Road	Halethorpe, MD 21227	Office		171,700		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	85.32	0.0021	0.0013	85.78
Facilities	042B	Rockburn Branch Park	6105 Landing Road	Halethorpe, MD 21227	Office		27,538		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	13.68	0.0003	0.0002	13.76
Facilities	043B	New Jonestown Radio Tower	R 8700 Old Annapolis Road	Columbia, MD 21045	Office	1250	80,200		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	39.85	0.0010	0.0006	40.07
Facilities	044	Miller Library	9421 Frederick Road	Ellicott City, MD 21042	Facility	25000	600,600		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	298.46	0.0075	0.0047	300.07
Facilities	045	Florence Bain Senior Center	5470 Ruth Keeton Way	Columbia, MD 21044	Office	21000	457,100		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	227.15	0.0057	0.0036	228.37
Facilities	052	Rec & Parks Maint Bldg (old)	10000 Clarksville Pike	Ellicott City, MD 21042	Office	6300	110,671		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	55.00	0.0014	0.0009	55.29
Facilities	055	B&O Railroad Station	3711 Maryland Avenue	Ellicott City, MD 21043	Office	9160	137,300		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	68.23	0.0017	0.0011	68.60
Facilities	056	Central Library	10375 Little Patuxent Parkway	Columbia, MD 21044	Facility	46000	1,424,400		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	707.83	0.0178	0.0111	711.65
Facilities	057	Woodstock Flood Alarm	1421 Woodstock Road	Woodstock, MD 21063	Office	1000	222		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.11	0.0000	0.0000	0.11
Facilities	058	Little Patuxent Flood Alarm	9701 Clarksville Pike	Columbia, MD 21044	Office	1000	113		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.06	0.0000	0.0000	0.06
Facilities	062	Elkridge Park & Ride	5630 Railroad Avenue	Halethorpe, MD 21227	Office		1,872		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.93	0.0000	0.0000	0.94
Facilities	064	Animal Control Facility	8576 Davis Road	Columbia, MD 21045	Facility	7720	268,500		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	133.43	0.0034	0.0021	134.15
Facilities	64	Animal Control Facility	8577 Davis Road	Columbia, MD 21045	Facility				RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
Facilities	066	Cedar Lane Park	5081 Cedar Lane	Columbia, MD 21044	Shop	3500	495,000		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	245.98	0.0062	0.0039	247.31
Facilities	066A	Cedar Lane Park (pavilion west)	5081 Cedar Lane	Columbia, MD 21044	Shop	3500	67		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.03	0.0000	0.0000	0.03
Facilities	067	Detention Center	7301 Waterloo Rd	Jessup, MD 20794	Facility	94900	2,383,500		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	1,184.43	0.0298	0.0186	1,190.82
Facilities	067B	Detention Center	7301 Waterloo Rd	Jessup, MD 20794	Facility				RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
Facilities	068	Scaggsville Public Safety Comples	11226 Scaggsville Road	Laurel, MD 20723	Office	18240	1,155,700		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	574.30	0.0145	0.0090	577.40
Facilities	073	Centennial Park West	9801 Old Annapolis Road	Ellicott City, MD 21042	Shop	500	23,102		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	11.48	0.0003	0.0002	11.54
Facilities	074	Centennial Park West	4651 Centennial Lane	Ellicott City, MD 21042	Shop	10000	179,800		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	89.35	0.0023	0.0014	89.83
Facilities	076A	Hebb House	12985 Frederick Road	West Friendship, MD 21794	Office	2500	36,242		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	18.01	0.0005	0.0003	18.11
Facilities	077	Schooley Mill Park	12975 Hall Shop Road	Highland, MD 20777	Shop	10569	331,800		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	164.88	0.0042	0.0026	165.77
Facilities	077A	Schooley Mill Park	12975 Hall Shop Road	Highland, MD 20777	Shop		28,139		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	13.98	0.0004	0.0002	14.06
Facilities	079	Lisbon Park	15901 Frederick Road	Lisbon, MD 21765	Shop	500	512		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.25	0.0000	0.0000	0.26
Facilities	081	Thomas Isaac Cabin	8394 Main Street	Ellicott City, MD 21043	Office	360	4,194		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	2.08	0.0001	0.0000	2.10
Facilities	085	Doyle House	3427 Rogers Avenue	Ellicott City, MD 21043	Office	2733	7,663		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	3.81	0.0001	0.0001	3.83
Facilities	086	Rockland Arts Center	8510 High Ridge Road	Ellicott City, MD 21043	Facility	28490	259,100		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	128.75	0.0032	0.0020	129.45
Facilities	095	Dayton Radio Facility	4351 Route 32	Dayton, MD 21036	Facility	1000	7,002		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	3.48	0.0001	0.0001	3.50
Facilities	096	Cooksville Radio Facility	14214 Frederick Road	Cooksville, MD 21723	Facility	1000	59,240		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	29.44	0.0007	0.0005	29.60
Facilities	097	Alpha Ridge Radio Facility	2170 Alpha Center Drive	Marriotsville, MD 21104	Facility	1000	1,839		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.91	0.0000	0.0000	0.92

Indirect Emissions - Electricity Usage

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Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = MWh/yr x lb/MWh x 1 tonne/2204.6 lb **OR** kWh/yr x MWh/1000 kWh x lb/MWh x 1 tonne/2204.6 lb
CH4 and N2O (tonnes/yr) = MWh/yr x lb/MWh x 1 tonne/2204.6 lb **OR** kWh/yr x MWh/1000 kWh x lb/MWh x 1 tonne/2204.6 lb

Entity	Facility ID No.	Facility Name	Address	City	Bldg Type	Square Footage	Annual Electricity Use (kWh/yr)	Annual Electricity Use (MWh/yr)	eGrid Region	Data Source	Percent Equity (%)	CO2 Emission Factor (lb/MWh)	Tier	CH4 Emission Factor (lb/MWh)	Tier	N2O Emission Factor (lb/MWh)	Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Facilities	097A	Alpha Ridge Radio Tower	2170 Alpha Center Drive	Marriotsville, MD 21104	Facility		48,100		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	23.90	0.0006	0.0004	24.03
Facilities	098	Scaggsville Radio Facility	8150 Clifford Court	Laurel, MD 20723	Facility	1200	50,697		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	25.19	0.0006	0.0004	25.33
Facilities	105	Waterloo Park	6951 Old Waterloo Road	Jessup, MD 20794	Shop	5000	19,020		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	9.45	0.0002	0.0001	9.50
Facilities	118	Centennial Park East	4800 Woodland Road	Ellicott City, MD 21042	Shop	6000	25,215		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	12.53	0.0003	0.0002	12.60
Facilities	119	Centennial Park South	10000 Clarksville Pike	Ellicott City, MD 21042	Shop	20000	113,185		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	56.24	0.0014	0.0009	56.55
Facilities	124	Tubman Center (Grassroots)	6700 Freetown Road	Columbia, MD 21044	Facility	4900	0		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
Facilities	126	Rec and Parks Office Center	7120 Oakland Mills Road	Columbia, MD 21046	Office	57496	839,300		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	417.07	0.0105	0.0065	419.32
Facilities	126A	Rec and Parks Office Center	7120 Oakland Mills Road	Columbia, MD 21046	Office		60,429		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	30.03	0.0008	0.0005	30.19
Facilities	127	Southeast Multi-Service Center	9525 Durness Lane	Laurel, MD 20723	Office	21613	375,300		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	186.50	0.0047	0.0029	187.50
Facilities	127A	Southeast Multi-Service Center	9525 Durness Lane	Laurel, MD 20723	Office		135,400		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	67.28	0.0017	0.0011	67.65
Facilities	142	Kiwanis Park/Salt Barn	3300 Norberts Way	Ellicott City, MD 21042	Facility	3648	90,332		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	44.89	0.0011	0.0007	45.13
Facilities	142A	Kiwanis Park (stage)	3300 Norberts Way	Ellicott City, MD 21042	Facility		20,791		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	10.33	0.0003	0.0002	10.39
Facilities	158	Patapsco Female Institute	3655 Church Road	Ellicott City, MD 21043	Office	2400	1,111		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.55	0.0000	0.0000	0.56
Facilities	158A	Patapsco Female Institute	3655 Church Road	Ellicott City, MD 21043	Office		7,248		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	3.60	0.0001	0.0001	3.62
Facilities	159	Troy Park Mansion	6500 Mansion Drive	Elkridge, MD 21075	Office		80		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.04	0.0000	0.0000	0.04
Facilities	164	Elkridge Library	6540 Washington Boulevard	Halethorpe, MD 21227	Facility	17000	549,100		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	272.86	0.0069	0.0043	274.34
Facilities	167	East Columbia Library	6600 Cradlerock Way	Columbia, MD 21045	Facility	46000	1,233,800		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	613.11	0.0154	0.0096	616.42
Facilities	167A	East Columbia Library	6600 Cradlerock Way	Columbia, MD 21045	Facility	46000	33,862		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	16.83	0.0004	0.0003	16.92
Facilities	168	Gateway Building	6751 Columbia Gateway Drive	Columbia, MD 21045	Office	93000	3,419,100		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	1,699.05	0.0428	0.0267	1,708.22
Facilities	191	Bureau of Utilities Bldg 2	8270 Montgomery Road	Columbia, MD 21045	Office	21000	156,700		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	77.87	0.0020	0.0012	78.29
Facilities	202	EC Colored School	8683 Frederick Road	Ellicott City, MD 21043	Facility	1000	22,275		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	11.07	0.0003	0.0002	11.13
Facilities	226	Thomas B. Dorsey Building	9250 Bendix Road	Columbia, MD 21045	Office	197518	5,546,400		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	2,756.17	0.0694	0.0433	2,771.04
Facilities	226A	Thomas B. Dorsey Building	9250 Bendix Road	Columbia, MD 21045	Office				RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
Facilities	236A	Blaindair Property - North Main House	6651 Little Patuxent Parkway	Columbia, MD 21045	Office	8184	0		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
Facilities	248	Dorsey Salt Barn	9504 Old Annapolis Road	Ellicott City, MD 21042	Shop	1000	463		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.23	0.0000	0.0000	0.23
Facilities	249	Glenwood Library	2350 Rt. 97 Roxbury Mills	Woodbine, MD 21797	Facility	28700	667,700		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	331.80	0.0084	0.0052	333.59
Facilities	250B	Glenwood Community Center	2400 Rt. 97 Roxbury Mills	Woodbine, MD 21797	Facility		1,096,400		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	544.83	0.0137	0.0086	547.77
Facilities	268	Ellicott City Senior Center	9401 Frederick Road	Ellicott City, MD 21043	Office	13105	224,700		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	111.66	0.0028	0.0018	112.26
Facilities	271	Alpha Ridge Radio Fac	2180 Alpha Center Drive	Marriottsville, MD 21104	Facility	400	47,165		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	23.44	0.0006	0.0004	23.56
Facilities	279	Central Booking Facility	7311 Waterloo Rd.	Jessup, MD 20794	Facility	9940	293,600		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	145.90	0.0037	0.0023	146.69
Facilities	283	Office on Aging	5760 Main Street	Elkridge, MD 21075	Office	200	0		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
Facilities	295	Western Regional Park	14800 Carrs Mill Rd.	Woodbine, MD 21797	Shop		218,200		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	108.43	0.0027	0.0017	109.02
Facilities	295B	Western Regional Park	14800 Carrs Mill Rd.	Woodbine, MD 21797	Shop		222		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.11	0.0000	0.0000	0.11
Facilities	300	Pfeiffer's Corner School House	6105/6109 Montgomery Rd #B	Elkridge, MD 21075	Office		10,657		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	5.30	0.0001	0.0001	5.32
Facilities	312	Police Youth Svcs - Rental	3525 Ellicott Mills Dr., Off G	Ellicott City, MD 21041	Office		0		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
Facilities	315A	O'Donnell Property	8800 Ridge road	Ellicott City, MD 21043	Office		72,000		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	35.78	0.0009	0.0006	35.97
Facilities	324	Tauri Property	9876 Clarksville Pike	Ellicott City, MD 21043	Office		331		RFCE - RFC East	Utility Bills/Energy Manager	100	1,095.53	B	0.03	B	0.02	B	0.16	0.0000	0.0000	0.17
MSW	18651-12019	Alpha Ridge LF	2350 Marriottsville Rd.	Marriottsville				287	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	142.54	0.0036	0.0022	143.31
MSW	23828-52139		10203 Burnside Drive					0	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
MSW	44524-13511		15900 Carrs Mill Road		Groundwater Treatment Building			42	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	20.86	0.0005	0.0003	20.97
MSW								29	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	14.25	0.0004	0.0002	14.33

Indirect Emissions - Electricity Usage

Enter Data into the Yellow Shaded Cells Only
Data
Emission Factor/Constant
Results
Quantification Methodology: Emissions = Activity Data x Emission Factor x Conversion Factor
CO2 (tonnes/yr) = MWh/yr x lb/MWh x 1 tonne/2204.6 lb **OR** kWh/yr x MWh/1000 kWh x lb/MWh x 1 tonne/2204.6 lb
CH4 and N2O (tonnes/yr) = MWh/yr x lb/MWh x 1 tonne/2204.6 lb **OR** kWh/yr x MWh/1000 kWh x lb/MWh x 1 tonne/2204.6 lb

Entity	Facility ID No.	Facility Name	Address	City	Bldg Type	Square Footage	Annual Electricity Use (kWh/yr)	Annual Electricity Use (MWh/yr)	eGrid Region	Data Source	Percent Equity (%)	CO2 Emission Factor (lb/MWh)	Tier	CH4 Emission Factor (lb/MWh)	Tier	N2O Emission Factor (lb/MWh)	Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
MSW								101	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	50.29	0.0013	0.0008	50.57
MSW	52068-90178	Building B	2350 Marriottsville Rd.		North Leachate Pumping Sta			6	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	2.74	0.0001	0.0000	2.75
MSW	58158-13001	Building C	2350 Marriottsville Rd.		Groundwater Treatment Building			70	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	34.54	0.0009	0.0005	34.73
MSW								48	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	23.74	0.0006	0.0004	23.87
MSW								168	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	83.65	0.0021	0.0013	84.10
MSW	63004-78448	Salt Barn	2350 Marriottsville Rd.		Unheated warehouse			0	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	0.13	0.0000	0.0000	0.13
MSW	73794-89556		3510 Font Hill Drive					0	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	0.00	0.0000	0.0000	0.00
MSW	86911-51245	Building A	2350 Marriottsville Rd.		Gas Extraction and			39	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	19.16	0.0005	0.0003	19.26
MSW					East Leachate			27	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	13.44	0.0003	0.0002	13.51
MSW								90	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	44.69	0.0011	0.0007	44.94
MSW	91127-76305	Building D	2350 Marriottsville Rd.		Transfer Station-tipping floor			70	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	34.88	0.0009	0.0005	35.07
MSW	93345-83362		4361 New Cut Road		GW/Gas/Maint			311	RFCE - RFC East	Utility Bills (Dannis)	100	1,095.53	B	0.03	B	0.02	B	154.54	0.0039	0.0024	155.38
Utilities	8900	Little Patuxent Water Reclaimation Plant	8900 Greenwood Pl.	Savage	water reclaimation plant			40,170	RFCE - RFC East	Utility Bills	100	1,095.53	B	0.03	B	0.02	B	19,961.64	0.5029	0.3134	20,069.36
Utilities		Water Distribution System	various	various	water pumping stations			3,449	RFCE - RFC East	Utility Bills	100	1,095.53	B	0.03	B	0.02	B	1,713.91	0.0432	0.0269	1,723.16
Utilities		Wastewater Collection	various	various	sewer pumping			1,567	RFCE - RFC East	Utility Bills	100	1,095.53	B	0.03	B	0.02	B	778.69	0.0196	0.0122	782.89
HCC		HCC - All Buildings					14,434,226		RFCE - RFC East	Utility Bills	100	1,095.53	B	0.03	B	0.02	B	7,172.79	0.1807	0.1126	7,211.49
Bureau of Highways		BGE maintained	Varies	Varies	Street Lights		6,023,716		RFCE - RFC East	Utility Bills	100	1,095.53	B	0.03	B	0.02	B	2,993.36	0.0754	0.0470	3,009.51
Bureau of Highways		Allegany maintained	Varies	Varies	Street Lights		25,968		RFCE - RFC East	Utility Bills	100	1,095.53	B	0.03	B	0.02	B	12.90	0.0003	0.0002	12.97
Bureau of Highways			Varies	Varies	Traffic signals		533,233		RFCE - RFC East	Utility Bills	100	1,095.53	B	0.03	B	0.02	B	264.98	0.0067	0.0042	266.41
Parks and Recreation		Pendleton	12947 Frederick Road	W. Friendship, MD 21794	Rental property	1,066	12,000		RFCE - RFC East	Dept. of Park Rentals (B.Mercado)	100	1,095.53	B	0.03	B	0.02	B	5.96	0.0002	0.0001	6.00
Parks and Recreation		Zaiser	9944 Rt. 108	Ellicott City, MD 21043	Rental property	2,013	12,000		RFCE - RFC East	Dept. of Park Rentals (B.Mercado)	100	1,095.53	B	0.03	B	0.02	B	5.96	0.0002	0.0001	6.00
Parks and Recreation		Saas	9928 Rt. 108	Ellicott City, MD 21044	Rental property	1,716	12,000		RFCE - RFC East	Dept. of Park Rentals (B.Mercado)	100	1,095.53	B	0.03	B	0.02	B	5.96	0.0002	0.0001	6.00
Parks and Recreation		Frank	9880 Rt. 108	Ellicott City, MD 21045	Rental property	1876	12,000		RFCE - RFC East	Dept. of Park Rentals (B.Mercado)	100	1,095.53	B	0.03	B	0.02	B	5.96	0.0002	0.0001	6.00
Parks and Recreation		Taury	9876 Rt. 108	Ellicott City, MD 21046	Rental property	2036	12,000		RFCE - RFC East	Dept. of Park Rentals (B.Mercado)	100	1,095.53	B	0.03	B	0.02	B	5.96	0.0002	0.0001	6.00
Parks and Recreation		New Lash	9265 Vollermerhausen Road	Jessup, MD 20794	Rental property	2268	12,000		RFCE - RFC East	Dept. of Park Rentals (B.Mercado)	100	1,095.53	B	0.03	B	0.02	B	5.96	0.0002	0.0001	6.00
Parks and Recreation		Old Lash	9275 Vollermerhausen Road	Jessup, MD 20794	Rental property	1642	12,000		RFCE - RFC East	Dept. of Park Rentals (B.Mercado)	100	1,095.53	B	0.03	B	0.02	B	5.96	0.0002	0.0001	6.00
Parks and Recreation		Collins	9338 Vollermerhausen Road	Jessup, MD 20794	Rental property	1356	12,000		RFCE - RFC East	Dept. of Park Rentals (B.Mercado)	100	1,095.53	B	0.03	B	0.02	B	5.96	0.0002	0.0001	6.00
Parks and Recreation		Struck	7054 Washinton Boulevard	Elkridge, MD 21075	Rental property	1250	12,000		RFCE - RFC East	Dept. of Park Rentals (B.Mercado)	100	1,095.53	B	0.03	B	0.02	B	5.96	0.0002	0.0001	6.00
Parks and Recreation		Waverly	2320 Waverly Mansion Drive	Marriottsville, MD 21104	Rental property	1254	12,000		RFCE - RFC East	Dept. of Park Rentals (B.Mercado)	100	1,095.53	B	0.03	B	0.02	B	5.96	0.0002	0.0001	6.00
Parks and Recreation		Stover	9409 Whiskey Bottom Road	Laurel, MD 20723	Rental property	1040	12,000		RFCE - RFC East	Dept. of Park Rentals (B.Mercado)	100	1,095.53	B	0.03	B	0.02	B	5.96	0.0002	0.0001	6.00
Parks and Recreation		Ayers	9405 Whiskey Bottom Road	Laurel, MD 20723	Rental property	2160	12,000		RFCE - RFC East	Dept. of Park Rentals (B.Mercado)	100	1,095.53	B	0.03	B	0.02	B	5.96	0.0002	0.0001	6.00
								46,473													
																	Total	92,688.99	2.34	1.46	93,189.15

Entity	Facility ID No.	Facility Name	Address	City	Bldg Type	Square Footage	Annual Electricity Use (kWh/yr)	Annual Electricity Use (MWh/yr)	eGrid Region	Data Source	Percent Equity (%)	CO2 Emission Factor (lb/MWh)	Tier	CH4 Emission Factor (lb/MWh)	Tier	N2O Emission Factor (lb/MWh)	Tier	CO2 (tonne/yr)	CH4 (tonne/yr)	N2O (tonne/yr)	Total CO2-eq (tonne/yr)
Community-Based																					
Residential			Various		Various			1,530,707	RFCE - RFC East	BGE/Bert Wilson		1,095.53	B	0.03	B	0.02	B	760,652.93	19.16	11.94	764,757.49
Small Commercial & Industrial			Various		Various			1,388,028	RFCE - RFC East			1,095.53	B	0.03	B	0.02	B	689,751.57	17.38	10.83	693,473.55
Large Commercial & Industrial			Various		Various			416,609	RFCE - RFC East			1,095.53	B	0.03	B	0.02	B	207,025.16	5.22	3.25	208,142.29
																	Total	1,657,429.65	41.76	26.02	1,666,373.32

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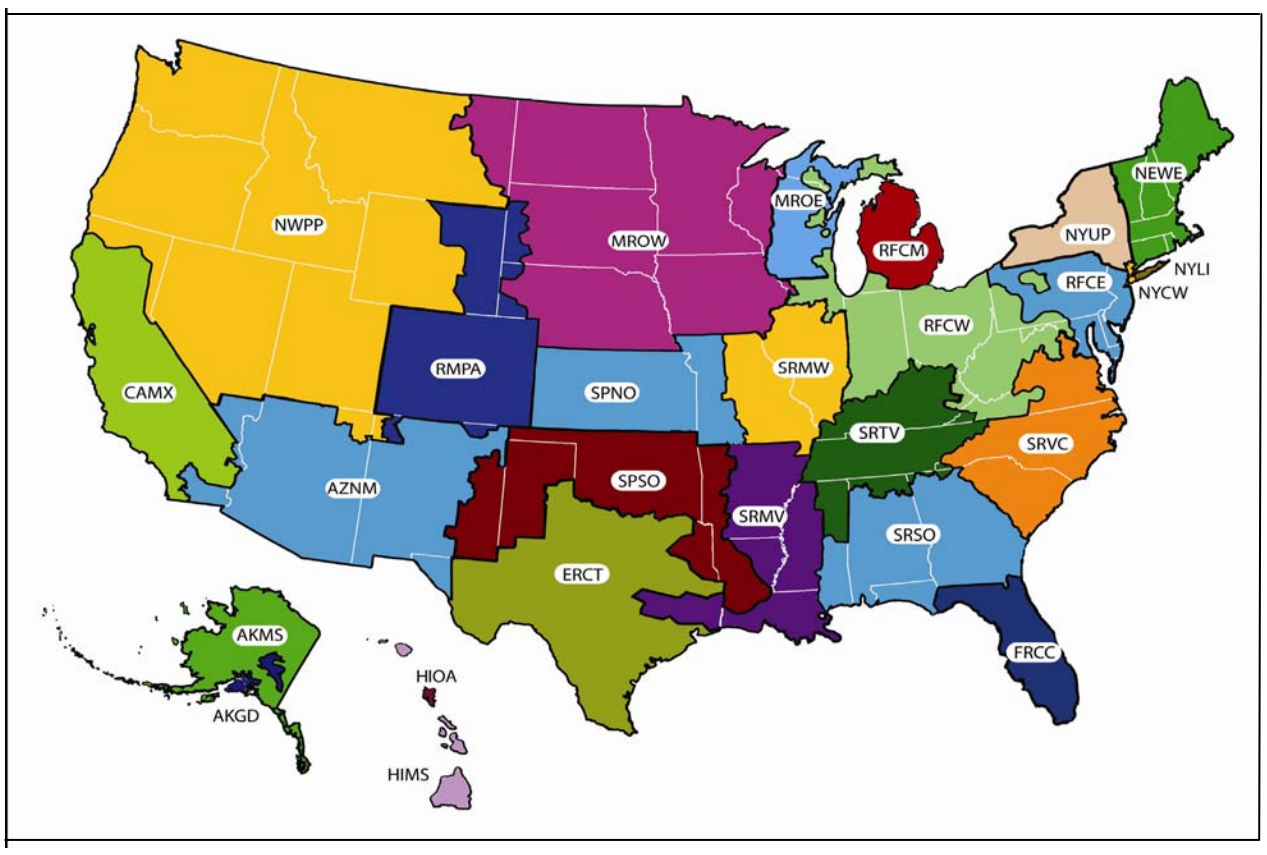
eGRID Subregion Emission Rates



Abbr.	Name
NEWE	NPCC New England
NYCW	NPCC NYC/Westchester
NYLI	NPCC Long Island
NYUP	NPCC Upstate NY
RFCE	RFC East
SRVC	SERC Virginia/Carolina
SRTV	SERC Tennessee Valley
SRMV	SERC Mississippi Valley
SRSO	SERC South
FRCC	FRCC All
RFCM	RFC Michigan
RFCW	RFC West
MROE	MRO East
SRMW	SERC Midwest
MROW	MRO West
SPNO	SPP North
SPSO	SPP South
ERCT	ERCOT All
RMPA	WECC Rockies
AZNM	WECC Southwest
NWPP	WECC Northwest
CAMX	WECC California
HIMS	HICC Miscellaneous
HIOA	HICC Oahu
AKMS	ASCC Miscellaneous
AKGD	ASCC Alaska Grid

USEPA, eGRID 2006 factors, dated April 2007, http://www.epa.gov/cleanenergy/egrid/index.htm

Average Fuel Economy by Vehicle Type

Vehicle Type	Average Fuel Economy (mpg)
Passenger Cars	22.5
Motorcycles	50
Diesel Buses (Diesel Heavy-Duty Vehicles)	3.7
CNG Buses	2.4
LNG Buses (LNG Heavy-Duty Vehicles)	1.8
Other 2-axle, 4-tire Vehicles	16.2
Single unit 2-axle 6-tire or more Trucks	8.8
Combination Trucks	5.9

Average mpg values from the U.S. Department of Transportation, Federal Highway Administration, Highway Statistics 2005, Table VM-1.

Bus mpg values from American Public Transportation Association, Public Transportation Fact Book, Page 23, April 2006.

Common Conversion Factors

Mass			
1 pound (lb)	453.6 grams (g)	0.4536 kilograms (kg)	0.0004536 metric tons (tonne)
1 kilogram (kg)	2.205 pounds (lb)		
1 short ton (ton)	2'000 pounds (lb)	907.2 kilograms (kg)	
1 metric ton	2'205 pounds (lb)	1'000 kilograms (kg)	1.1023 short tons (tons)
Volume			
1 cubic foot (ft ^{3})	7.4805 gallons (gal)	0.1781 barrel (bbl)	
1 cubic foot (ft ^{3})	28.32 liters (L)	0.02832 cubic meters (m ^{3})	
1 gallon (gal)	0.0238 barrel (bbl)	3.785 liters (L)	0.003785 cubic meters (m ^{3})
1 barrel (bbl)	42 gallons (gal)	158.99 liters (L)	0.1589 cubic meters (m ^{3})
1 litre (L)	0.001 cubic meters (m ^{3})	0.2642 gallons (gal)	
1 cubic meter (m ^{3})	6.2897 barrels (bbl)	264.2 gallons (gal)	1'000 liters (L)
Energy			
1 kilowatt hour (kWh)	3412 Btu (btu)	3'600 kilojoules (KJ)	
1 megajoule (MJ)	0.001 gigajoules (GJ)		
1 gigajoule (GJ)	0.9478 million Btu (MMBtu)	277.8 kilowatt hours (kWh)	
1 British Thermal Unit (btu)	1'055 joules (J)		
1 million Btu (million btu)	1.055 gigajoules (GJ)	293 kilowatt hours (kWh)	
1 therm (therm)	100'000 btu	0.1055 gigajoules (GJ)	29.3 kilowatt hours (kWh)
Other			
deca	10		
kilo	1'000		
mega	1'000'000		
giga	1'000'000'000		
tera	1'000'000'000'000		
1 psi	0.06895 bar		
1 kgf / cm ^{3} (tech atm)	0.9807 bar		
1 atmosphere (atm)	1.01325 bar	101.325 kilo pascals	14.696 pounds per square inch (psia)
1 mile (statue)	1.609 kilometers		
1 metric ton carbon (C)	3.664 (44/12) metric tons CO_2		

TCR/ICLEI, Local Government Operations Protocol, Appendix B

Emission Factors

Indirect Emission Sources - Electricity

TCR/ICLEI, Local Government Operations Protocol Table C.7 eGRID Electricity Emission Factors by eGRID Subregion

Subregion Name - Abbr.	CO2 Emission Factor (lbs/MWh)	CH4 Emission Factor (lbs/MWh)	N2O Emission Factor (lbs/MWh)	Tier
NEWE - NPCC New England	908.9	0.0798	0.0153	B
NYCW - NPCC NYC/Westchester	922.22	0.0384	0.0060	B
NYLI - NPCC Long Island	1412.2	0.102	0.0162	B
NYUP - NPCC Upstate NY	819.68	0.024	0.0114	B
RFCE - RFC East	1095.53	0.0276	0.0172	B
SRVC - SERC Virginia/Carolina	1146.39	0.0294	0.0192	B
SRTV - SERC Tennessee Valley	1494.89	0.0233	0.0237	B
SRMV - SERC Mississippi Valley	1135.46	0.042	0.0133	B
SRSO - SERC South	1490.37	0.0395	0.0249	B
FRCC - FRCC All	1327.66	0.0541	0.016	B
RFCM - RFC Michigan	1641.41	0.0348	0.0254	B
RFCW - RFC West	1556.39	0.0195	0.0244	B
MORE - MRO East	1858.72	0.0411	0.0303	B
RMW - SERC Midwest	1844.34	0.0214	0.0288	B
MROW - MRO West	1813.81	0.0275	0.0289	B
SPNO - SPP North	1971.42	0.0236	0.0303	B
SPSO - SPP South	1761.14	0.0303	0.023	B
ERCT - ERCOT All	1420.56	0.0214	0.0148	B
RMPA - WECC Rockies	2035.81	0.0244	0.0302	B
AZNM - WECC Southwest	1254.02	0.0175	0.0148	B
NWPP - WECC Northwest	921.1	0.0223	0.0141	B
CAMX - WECC California	878.71	0.0359	0.0084	B
HIMS - HICC Miscellaneous	1456.17	0.1006	0.0183	B
HIOA - HICC Oahu	1728.12	0.0911	0.0212	B
AKMS - ASCC Miscellaneous	480.1	0.0239	0.0044	B
AKGD - ASCC Alaska Grid	1257.19	0.0266	0.0064	B

Direct Emissions - Stationary Combustion

The Climate Registry/ICLEI, Local Government Operations Protocol, Table C.1. U.S. Default Factors for Calculating CO_2 Emissions from Fossil Fuel Combustion

TCR/ICLEI, Local Government Operations Protocol, Table C.2 U.S. Default Factors for Calculating CO_2 Emissions from Non-Fossil Fuel Combustion

Fuel Type	CO2 Emission Factor	Units	Tier
Coal - Anthracite	103.62	kg/MMBtu	B/C
Coal - Bituminous	93.46	kg/MMBtu	B/C
Coal - Sub-Bituminous	97.09	kg/MMBtu	B/C
Coal - Lignite	96.43	kg/MMBtu	B/C
Coal - Unspecified (Electric Power)	94.45	kg/MMBtu	B/C
Natural Gas (975 to 1000 Btu/scf)	54.01	kg/MMBtu	B/C
Natural Gas (1000 to 1025 Btu/scf)	52.91	kg/MMBtu	B/C
Natural Gas (1025 to 1050 Btu/scf)	53.06	kg/MMBtu	B/C
Natural Gas - Unspecified (Weighted U.S. Average)	53.06	kg/MMBtu	B/C
Distillate Fuel Oil (#1, 2, & 4)	73.15	kg/MMBtu	B/C
Motor Gasoline	70.88	kg/MMBtu	B/C
Landfill Gas (50/50 CO2/CH4)	52.07	kg/MMBtu	B/C
Kerosene	72.31	kg/MMBtu	B/C
Propane	63.07	kg/MMBtu	B/C

Emission Factors

TCR/ICLEI, Local Government Operations Protocol, Table C.4 Default CH_4 and N_2O Emission Factors by Technology Type for the Electricity Generation Sector

Fuel Type and Basic Technology/Sector	CH4 Emission Factor	Units	Tier	N2O Emission Factor	Units	Tier
Gas/Diesel Oil Boilers	0.9	g/MMBtu	B	0.4	g/MMBtu	B
Diesel Oil Engines < 600 hp (447 kW) (INGAA)	4.0	g/MMBtu	B	11.0	g/MMBtu	B
Large Diesel Oil Engines > 600 hp (447 kW) (INGAA)	3.7	g/MMBtu	B	2.2	g/MMBtu	B
Coal - Pulverized Bituminous Combustion Boilers (Dry Bottom, Wall Fired)	0.7	g/MMBtu	B	0.5	g/MMBtu	B
Coal - Pulverized Bituminous Combustion Boilers (Dry Bottom, Tangentially Fired)	0.7	g/MMBtu	B	1.4	g/MMBtu	B
Coal - Pulverized Bituminous Combustion Boilers (Wet Bottom)	0.9	g/MMBtu	B	1.4	g/MMBtu	B
Coal - Bituminous Spreader Stoker Boilers	1.0	g/MMBtu	B	0.7	g/MMBtu	B
Natural Gas Boilers	0.9	g/MMBtu	B	0.9	g/MMBtu	B
Gas-Fired Gas Turbines > 3 MW	3.8	g/MMBtu	B	0.9	g/MMBtu	B
Natural Gas - Combined Cycle Turbines	0.9	g/MMBtu	B	2.8	g/MMBtu	B
Natural Gas - Residential/ Commercial End Use	5.0	g/MMBtu	C	0.1	g/MMBtu	C
Petroleum Products - Residential/Commercial End Use	11.0	g/MMBtu	C	0.6	g/MMBtu	C
Petroleum Products - Industrial End Use	3.0	g/MMBtu	C	0.6	g/MMBtu	C
Petroleum Products - Electric Power	3.0	g/MMBtu	C	0.6	g/MMBtu	C

Direct Emissions - Mobile Sources

TCR/ICLEI, Local Government Operations Protocol, Table C.9 U.S. Default CO_2 Emissions Factors for Transport Fuels

Fuel Type	CO2 emission factor	CO2 emission factor units	Tier
Motor Gasoline	8.81	kg/gallon	B/C
Diesel Fuel No.1 and 2	10.15	kg/gallon	B/C
Aviation Gasoline	8.32	kg/gallon	B/C
Jet Fuel (Jet A or A-1)	9.57	kg/gallon	B/C
Ethanol (E100)	5.56	kg/gallon	B/C
Biodiesel (B100)	9.46	kg/gallon	B/C
Methanol	4.10	kg/gallon	B/C
Liq. Petroleum Gas	5.79	kg/gallon	B/C
Propane	5.74	kg/gallon	B/C

Emission Factors

TCR/ICLEI, Local Government Operations Protocol, Table C.10 Default CH_4 and N_2O Emission Factors for Highway Vehicles by Model Year
TCR/ICLEI, Local Government Operations Protocol, Table C.11 U.S. Default CH_4 and N_2O Emission Factors for Alternative Fuel Vehicles
TCR/ICLEI, Local Government Operations Protocol, Table C.12 Default CH_4 and N_2O Emission Factors for Non-Highway Vehicles

Vehicle Type and Model Year	CH4 emission factor	CH4 Emission Factor units	Tier	N2O Emission Factor	N2O Emission Factor units	Tier
Gasoline Passenger Cars - 1984-1993	0.0704	g/mile	B/C	0.0647	g/mile	B/C
Gasoline Passenger Cars -1994	0.0531	g/mile	B/C	0.0560	g/mile	B/C
Gasoline Passenger Cars -1995	0.0358	g/mile	B/C	0.0473	g/mile	B/C
Gasoline Passenger Cars - 1996	0.0272	g/mile	B/C	0.0426	g/mile	B/C
Gasoline Passenger Cars -1997	0.0268	g/mile	B/C	0.0422	g/mile	B/C
Gasoline Passenger Cars -1998	0.0249	g/mile	B/C	0.0393	g/mile	B/C
Gasoline Passenger Cars - 1999	0.0216	g/mile	B/C	0.0337	g/mile	B/C
Gasoline Passenger Cars - 2000	0.0178	g/mile	B/C	0.0273	g/mile	B/C
Gasoline Passenger Cars - 2001	0.0110	g/mile	B/C	0.0158	g/mile	B/C
Gasoline Passenger Cars - 2002	0.0107	g/mile	B/C	0.0153	g/mile	B/C
Gasoline Passenger Cars - 2003	0.0114	g/mile	B/C	0.0135	g/mile	B/C
Gasoline Passenger Cars - 2004	0.0145	g/mile	B/C	0.0083	g/mile	B/C
Gasoline Passenger Cars - 2005	0.0147	g/mile	B/C	0.0079	g/mile	B/C
Gasoline Passenger Cars-Low Emission Vehicles (Hybrid)	0.0105	g/mile	B/C	0.015	g/mile	B/C
Gasoline Passenger Cars-Uncontrolled	0.178	g/mile	B/C	0.0197	g/mile	B/C
Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1987-1993	0.0813	g/mile	B/C	0.1035	g/mile	B/C
Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1994	0.0646	g/mile	B/C	0.0982	g/mile	B/C
Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1995	0.0517	g/mile	B/C	0.0908	g/mile	B/C
Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1996	0.0452	g/mile	B/C	0.0871	g/mile	B/C
Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1997	0.0452	g/mile	B/C	0.0871	g/mile	B/C
Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1998	0.0391	g/mile	B/C	0.0728	g/mile	B/C
Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 1999	0.0321	g/mile	B/C	0.0564	g/mile	B/C
Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2000	0.0346	g/mile	B/C	0.0621	g/mile	B/C
Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2001	0.0151	g/mile	B/C	0.0164	g/mile	B/C
Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2002	0.0178	g/mile	B/C	0.0228	g/mile	B/C
Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2003	0.0155	g/mile	B/C	0.0114	g/mile	B/C
Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2004	0.0152	g/mile	B/C	0.0132	g/mile	B/C
Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - 2005	0.0157	g/mile	B/C	0.0101	g/mile	B/C
Gasoline Light Trucks (Vans, Pickup Trucks, SUVs) - Low Emission Vehicle (Hybrid)	0.0148	g/mile	B/C	0.0157	g/mile	B/C
Gasoline Heavy-Duty Vehicles - 1985-1986	0.4090	g/mile	B/C	0.0515	g/mile	B/C
Gasoline Heavy-Duty Vehicles - 1987	0.3675	g/mile	B/C	0.0849	g/mile	B/C
Gasoline Heavy-Duty Vehicles - 1988-1989	0.3492	g/mile	B/C	0.0933	g/mile	B/C
Gasoline Heavy-Duty Vehicles - 1990-1995	0.3246	g/mile	B/C	0.1142	g/mile	B/C
Gasoline Heavy-Duty Vehicles - 1996	0.1278	g/mile	B/C	0.1680	g/mile	B/C
Gasoline Heavy-Duty Vehicles - 1997	0.0924	g/mile	B/C	0.1726	g/mile	B/C
Gasoline Heavy-Duty Vehicles - 1998	0.0641	g/mile	B/C	0.1693	g/mile	B/C
Gasoline Heavy-Duty Vehicles - 1999	0.0578	g/mile	B/C	0.1435	g/mile	B/C
Gasoline Heavy-Duty Vehicles - 2000	0.0493	g/mile	B/C	0.1092	g/mile	B/C
Gasoline Heavy-Duty Vehicles - 2001	0.0528	g/mile	B/C	0.1235	g/mile	B/C
Gasoline Heavy-Duty Vehicles - 2002	0.0546	g/mile	B/C	0.1307	g/mile	B/C
Gasoline Heavy-Duty Vehicles - 2003	0.0533	g/mile	B/C	0.1240	g/mile	B/C
Gasoline Heavy-Duty Vehicles - 2004	0.0341	g/mile	B/C	0.0285	g/mile	B/C
Gasoline Heavy-Duty Vehicles - 2005	0.0326	g/mile	B/C	0.0177	g/mile	B/C
Diesel Passenger Cars - 1960-1982	0.0006	g/mile	B/C	0.0012	g/mile	B/C
Diesel Passenger Cars - 1983-2004	0.0005	g/mile	B/C	0.0010	g/mile	B/C
Diesel Light Trucks - 1960-1982	0.0011	g/mile	B/C	0.0017	g/mile	B/C
Diesel Light Trucks - 1983-1995	0.0009	g/mile	B/C	0.0014	g/mile	B/C
Diesel Light Trucks - 1996-2004	0.0010	g/mile	B/C	0.0015	g/mile	B/C
Diesel Heavy-Duty Vehicles (All Model Years)	0.0051	g/mile	B/C	0.0048	g/mile	B/C
Diesel Ship/Boat	0.74	g/gallon	B/C	0.26	g/gallon	B/C
Gasoline Ship/Boat	0.64	g/gallon	B/C	0.22	g/gallon	B/C
Diesel Locomotive	0.80	g/gallon	B/C	0.26	g/gallon	B/C
Gasoline Construction Equipment	0.50	g/gallon	B/C	0.22	g/gallon	B/C
Diesel Construction Equipment	0.58	g/gallon	B/C	0.26	g/gallon	B/C
Gasoline Other Recreational	0.50	g/gallon	B/C	0.22	g/gallon	B/C
Gasoline Other Small Utility	0.50	g/gallon	B/C	0.22	g/gallon	B/C
Gasoline Other Large Utility	0.50	g/gallon	B/C	0.22	g/gallon	B/C
Diesel Other Large Utility	0.58	g/gallon	B/C	0.26	g/gallon	B/C
Methanol Light Duty Vehicle	0.02	g/mile	B/C	0.07	g/mile	B/C
Methanol Heavy Duty Vehicle	0.07	g/mile	B/C	0.18	g/mile	B/C
Ethanol Light Duty Vehicle	0.06	g/mile	B/C	0.07	g/mile	B/C
Ethanol Heavy Duty Vehicle	0.20	g/mile	B/C	0.18	g/mile	B/C
LPG Light Duty Vehicle	0.04	g/mile	B/C	0.07	g/mile	B/C
LPG Heavy Duty Vehicle	0.07	g/mile	B/C	0.18	g/mile	B/C
Propane Light Duty Vehicle	0.00	g/mile	B/C	0.00	g/mile	B/C
Propane Heavy Duty Vehicle	0.00	g/mile	B/C	0.00	g/mile	B/C
Aviation Gasoline (helicopters)	7.04	g/gallon	B/C	0.11	g/gallon	B/C
Jet Fuel Aircraft	0.27	g/gallon	B/C	0.31	g/gallon	B/C

Emission Factors

Direct Emissions - Refrigerants

California Climate Action Registry, Table III.11.1. Refrigerant Loss Rates (General Reporting Protocol - March 2007)

Type of AC Systems	Upper Bounds Annual Loss Rate	Refrigerant Charge (kg)	Type of Refrigerant
Large Automobile	35%	1	HFC-134a
Small Automobile	35%	0.5	HFC-134a
Residential Central Air System (3 ton)	35%	2.8	R407C
Commercial AC System (7 ton)	35%	6.9	R407C
Commercial Chiller (350 ton)	35%	480	HFC-123
Commercial Chiller (350 ton)	35%	432	HFC-134a
Commercial Chiller (1000 ton)	35%	1,225	HFC-123
Commercial Chiller (1000 ton)	35%	1,120	HFC-134a
Direct Expansion (DX) Central Refrigeration System	15%	6% of floor area (ft2)	R404A,R507
Water-Cooled Distributed System	15%	0.66% of floor area (ft2)	R404A,R507
Secondary Loop System	15%	1.5% of floor area (ft2)	R404A,R507
Ice Machine	15%		
Residential and Commercial A/C including Heat Pumps	35%		
Chillers	35%		
Forced Air Unit	35%		
Heater	35%		
Water Cooler	15%		
Refrigerator	15%		

GHG Global Warming Potentials

TCR/ICLEI, Local Government Operations Protocol, Table A.1 Global Warming Potential Factors for Greenhouse Gases

Common Name	Formula	Refrigerant	GWP
Carbon Dioxide	CO2	CO2	1
Methane	CH4	CH4	21
Nitrous Oxide	N2O	N2O	310
Sulfur Hexafluoride	SF6	SF6	23,900
HFC-23	CHF3	R-23	11,700
HFC-32	CH2F2	R-32	650
HFC-41	CH3F	R-41	150
HFC-43-10mee	CF3CHFCHFCF2	R-43	1,300
HFC-125	CHF2CF3	R-125	2,800
HFC-134	CHF2CHF2	R-134	1,000
HFC-134a	CH2FCF3	R-134a	1,300
HFC-143	CHF2CH2F	R-143	300
HFC-143a	CF3CH3	R-143a	3,800
HFC-152	CH2FCH2F	R-152	43
HFC-152a	C2H4F2	R-152a	140
HFC-161	CH3CH2F	R-161	12
HFC-227ea	CF3CHFCF3	HFC-227ea	2,900
HFC-236cb	CH2FCF2CF3	HFC-236cb	1,300
HFC-236ea	CHF2CHFCF3	HFC-236ea	1,200
HFC-236fa	CF3CH2CF3	HFC-236fa	6,300
HFC-245ca	CH2FCF2CHF2	HFC-245ca	560
HFC-245fa	CHF2CH2CF3	HFC-245fa	950
HFC-365mfc	CF3CH2CF2CH3	HFC-365mfc	890
Trichlorofluoromethane	CCl3F	CFC-11	4,600
Dichlorodifluoromethane	CCl2F2	CFC-12	10,600
Monoclorotrifluoromethane	CClF3	CFC-13	14,000
Freon 113	CCl2FCClF2	CFC-113 (Freon 113)	6,000
Dichlorotetrafluoroethane	CClF2CClF2	CFC-114	9,800
Monochloropentafluoroethane	CF3CClF2	CFC-115	7,200
Chlorodifluoromethane	$CHClF_2$	HCFC-22	1,700
Perflouromethane	CF4	PFC-14	6,500
Perflouroethane	C2F6	PFC-116	9,200
Perflouropropane	C3F8	PFC- 218	7,000
Perflourobutane (FC 3-1-10)	C4F10	PFC-3-1-10	7,000
Perfluorocyclobutane	c-C4F8	PFC-c318	8,700
Perfluoropentane	C5F12	PFC-4-1-12	7,500
Perflourohexane (FC 5-1-14)	C6F14	PFC-5-1-14	7,400

Emission Factors

TCR/ICLEI, Local Government Operations Protocol, Table A.2 Global Warming Potentials of Refrigerant Blends

Contains Reportable HFCs or PFCs:	Formula	Refrigerant Blend	GWP
13% R152a		R-401A	18
11% R152a		R-401B	15
15% R152a		R-401C	21
60% HFC-125		R-402A	1,680
38-40% HFC-125		R-402B	1,064
		R-403A	1,400
		R-403B	2,730
		R-404A	3,260
		R-406A	0
		R-407A	1,770
		R-407B	2,285
		R-407C	1,526
		R-407D	1,428
		R-407E	1,363
		R-408A	1,944
		R-409A	0
		R-409B	0
		R-410A	1,725
		R-410B	1,833
		R-411A	15
		R-411B	4
		R-412A	350
		R-413A	1,774
		R-414A	0
		R-414B	0
		R-415A	25
		R-415B	105
		R-416A	767
		R-417A	1,955
		R-418A	4
		R-419A	2,403
		R-420A	1,144
		R-500	37
		R-501	0
		R-502	0
		R-503	4,692
		R-504	313
		R-505	0
		R-506	0
		R-507	3,300
		R-507A	3,300
		R-508A	10,175
		R-508B	10,350
		R-509	3,920
		R-509A	3,920

Direct Emissions - Process: Wastewater Treatment

TCR/ICLEI, Local Government Operations Protocol, Chapter 10

Nutrient	Emission Factor	Units
BOD5	0.6	kg CH4/kg BOD
COD	0.25	kg CH4/kg COD
Nitrification/Denitrification N2O-N	7	g/person/yr
Effluent N_2O-N	0.005	kg N2O-N/kg-N

Emission Factors

Solid Wastes

U.S. EPA Waste Reduction Model (WaRM), Guidance March 2004, Landfill Without Recovery/Flare

Material	Landfill CO2 (tonne/ton)	Incinerator CO2 (tonne/ton)	Composting CO2 (tonne/ton)	Landfill CH4 (tonne/ton)	Incinerator CH4 (tonne/ton)	Composting CH4 (tonne/ton)	Incinerator N2O (tonne/ton)
Aluminum Cans	0.0214	0.0455	0.0000	0.0000	0.0000	0.0000	0.0000
Steel Cans	0.0214	(1.4956)	0.0000	0.0000	(0.0025)	0.0000	0.0000
Glass	0.0214	0.0349	0.0000	0.0000	0.0000	0.0000	0.0000
HDPE	0.0214	0.8350	0.0000	0.0000	0.0000	0.0000	0.0000
LDPE	0.0214	0.8350	0.0000	0.0000	0.0000	0.0000	0.0000
PET	0.0214	1.0252	0.0000	0.0000	0.0000	0.0000	0.0000
Corrugated Cardboard	(0.8019)	(0.7320)	0.0000	0.8440	0.0000	0.0000	0.0001
Magazines/Third-class Mail	(1.0439)	(0.5439)	0.0000	0.0463	0.0000	0.0000	0.0001
Newspaper	(1.2946)	(0.8276)	0.0000	0.0407	0.0000	0.0000	0.0001
Office Paper	(0.1352)	(0.7064)	0.0000	0.1897	0.0000	0.0000	0.0001
Phonebooks	(1.2946)	(0.8276)	0.0000	0.0407	0.0000	0.0000	0.0001
Textbooks	(0.1352)	(0.7064)	0.0000	0.1897	0.0000	0.0000	0.0001
Dimensional Lumber	(0.7386)	(0.8645)	0.0000	0.0267	0.0000	0.0000	0.0001
Medium-density Fiberboard	(0.7386)	(0.8645)	0.0000	0.0267	0.0000	0.0000	0.0001
Food Scraps	(0.0586)	(0.2396)	(0.2151)	0.0526	0.0000	0.0000	0.0001
Yard Trimmings	(0.7419)	(0.2849)	(0.2151)	0.0300	0.0000	0.0000	0.0001
Grass	(0.4052)	(0.2849)	(0.2151)	0.0337	0.0000	0.0000	0.0001
Leaves	(1.4186)	(0.2849)	(0.2151)	0.0261	0.0000	0.0000	0.0001
Branches	(0.7386)	(0.2849)	(0.2151)	0.0267	0.0000	0.0000	0.0001
Mixed Paper (general)	(0.8062)	(0.7348)	0.0000	0.0919	0.0000	0.0000	0.0001
Mixed Paper (primarily residential)	(0.8461)	(0.7316)	0.0000	0.0853	0.0000	0.0000	0.0001
Mixed Paper (primarily from offices)	(0.7392)	(0.6746)	0.0000	0.1015	0.0000	0.0000	0.0001
Mixed Metals	0.0214	(0.9490)	0.0000	0.0000	(0.0016)	0.0000	0.0000
Mixed Plastics	0.0214	0.9168	0.0000	0.0000	0.0000	0.0000	0.0000
Mixed Recyclables	(0.7312)	(0.6599)	0.0000	0.0714	(0.0001)	0.0000	0.0001
Mixed Organics	(0.4489)	(0.2630)	(0.2151)	0.0409	0.0000	0.0000	0.0001
Mixed MSW	(0.3437)	(0.1867)	0.0000	0.0449	(0.0001)	0.0000	0.0001

Fugitive Methane Emissions From Landfill With Comprehensive LFG Collection System and Incomplete Combustion of Digester Gas

Description	Destruction Efficiency (DE)
Flares	
Closed Flare	0.98
Open Flare	0.960
Electricity Generation	
Large Gas Turbine	0.995
Microturbine	0.995
Rich Burn IC Engines	0.995
Lean Burn IC Engines	0.936

TCR/ICLEI Local Government Operations Protocol, Table 9.7 Default Methane Destruction Efficiencies for LFG Control Devices

TCR/ICLEI Local Government Operations Protocol, Table 10.3 Default Methane Destruction Efficiencies for Digester Gas Control Devices

Landfill Cover Type	Oxidation Factor
Soil	0.10
Synthetic	0.00
Combination	0.05

TCR/ICLEI Local Government Operations Protocol, Chapter 9