

2005
DRAFT Regional Greenhouse Gas Emission Estimate
for the Washington, DC-MD-VA Region (YR 2005)
(Million Metric Tonnes CO₂e/year)

	Suburban Maryland	District of Columbia	Northern Virginia	Total
Energy/Electrical Generating Units (EGUs)	15.35	0.17	3.58	19.11
Transportation Combustion	10.88	1.94	9.77	22.58
Residential Fuel Use	2.85	0.98	2.47	6.30
Commercial Fuel Use	1.95	1.19	1.65	4.79
Industrial Fuel Use	0.56	0.00	1.29	1.85
Other Fuel Use	0.64	0.12	1.00	1.76
Commercial Aviation	-	-	4.02	4.02
Hydrofluorocarbons	0.90	0.63	1.05	2.58
Wastewater	0.15	0.04	0.15	0.34
Subtotal Direct Emissions	33.28	5.07	24.98	63.32
Import of Electricity	-	3.33	7.54	10.86
Regional Total	33.28	8.39	32.51	74.19

2020
DRAFT Regional Greenhouse Gas Emission Estimate
for the Washington, DC-MD-VA Region (YR 2020)
(Million Metric Tonnes CO₂e/year)

	Suburban Maryland	District of Columbia	Northern Virginia	Total
Energy/Electrical Generating Units (EGUs)	15.35	0.20	4.30	19.86
Transportation Combustion	13.47	2.16	12.51	28.14
Residential Fuel Use	3.47	1.20	3.01	7.68
Commercial Fuel Use	2.43	1.49	2.06	5.98
Industrial Fuel Use	0.62	0.00	1.42	2.03
Other Fuel Use	0.76	0.14	1.18	2.08
Commercial Aviation	-	-	5.42	5.42
Hydrofluorocarbons	1.13	0.79	1.31	3.23
Wastewater	0.18	0.05	0.18	0.41
Subtotal Direct Emissions	37.41	6.03	31.40	74.84
Import of Electricity	3.07	3.99	9.04	16.11
Regional Total	40.48	10.02	40.45	90.95

2030
DRAFT Regional Greenhouse Gas Emission Estimate
for the Washington, DC-MD-VA Region (YR 2030)
(Million Metric Tonnes CO₂e/year)

	Suburban Maryland	District of Columbia	Northern Virginia	Total
Energy/Electrical Generating Units (EGUs)	15.35	0.23	4.77	20.35
Transportation Combustion	15.01	2.29	13.95	31.25
Residential Fuel Use	3.78	1.30	3.28	8.37
Commercial Fuel Use	2.71	1.66	2.29	6.65
Industrial Fuel Use	0.67	0.00	1.53	2.20
Other Fuel Use	0.84	0.15	1.31	2.31
Commercial Aviation	-	-	5.62	5.62
Hydrofluorocarbons	1.25	0.88	1.46	3.59
Wastewater	0.20	0.05	0.20	0.45
Subtotal Direct Emissions	39.82	6.56	34.43	80.80
Import of Electricity	5.07	4.43	10.02	19.52
Regional Total	44.89	10.99	44.45	100.32