

**Table 2-1  
TOP TEN SOURCES OF MAN-MADE VOLATILE ORGANIC COMPOUNDS (VOCs)  
IN THE WASHINGTON AREA IN 2002 and 2009 EMISSIONS LEVELS**

#	SOURCE CATEGORY	SOURCE	VOCs* TONS/ DAY	
			2002	2009
1	On-Road Mobile	CARS, BUSES, TRUCKS	116.9	66.7
2	Non-Road	LAWN & GARDEN EQUIPMENT	81.6	52.2
3	Area	SURFACE COATING	62.7	57.5
4	Area	COMMERCIAL CONSUMER SOLVENT USE	58.5	57.3
5	Area	PORTABLE FUEL CONTAINERS	25.6	17.9
6	Nonroad	PLEASURE CRAFT	20.7	15.0
7	Area	GASOLINE STORAGE	13.7	15.0
8	Stationary	UTILITIES AND OTHER SOURCES	12.9	14.3
9	Area	PESTICIDES	11.8	9.7
10	Area	SURFACE CLEANING	11.6	10.3

*\*The emissions estimates above are rounded to the nearest whole number, listed in order for 2002 emissions. They are MWAQC's best estimates. Total VOC emissions in the Washington area were 448.28 tons per day in 2002 and 348.74 tons per day in 2009. Biogenic emissions account for 314.74 tons/day of VOC emissions in the Washington region. The 2009 inventories include the final attainment control strategy.*

**Table 2-2  
TOP TEN SOURCES OF NITROGEN OXIDES (NO<sub>x</sub>) IN THE WASHINGTON AREA  
IN 2002 and 2009 EMISSIONS LEVELS**

#	SOURCE CATEGORY	SOURCE	NO <sub>x</sub> * TONS/ DAY	
			2002	2009
1.	On-Road Mobile	ALL VEHICLES	266.7	146.5
2.	Stationary	UTILITIES AND OTHER SOURCES	220.6	113.0
3.	Non-Road	CONSTRUCTION AND MINING	45.8	38.3
4.	Non-Road	LAWN AND GARDEN EQUIPMENT (RES)	12.6	10.6
5.	Area	INDUSTRIAL FUEL COMBUSTION	9.3	11.1
6.	Non-Road	RAILROAD LOCOMOTIVES	7.2	5.7
7.	Non-Road	INDUSTRIAL EQUIPMENT	6.7	4.6
8.	Area	COMMERCIAL/INSTITUTIONAL FUEL COMBUSTION	6.4	7.1
9.	Area	RESIDENTIAL FUEL COMBUSTION	4.8	5.3
10.	Area	AIRCRAFT EMISSIONS	3.8	5.9

*\*The emissions estimates above are rounded to the nearest whole number. They are MWAQC's best estimates. The total emission of NO<sub>x</sub> in the Washington area was 597.22 tons per day in 2002 and 362.05 tons per day in 2009. The 2009 inventories include the final attainment control strategy.*