

Status of Inventories

PM_{2.5} Maintenance Plan

(Washington DC-MD-VA PM_{2.5} Nonattainment Area)

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Milestone Years

PM2.5 Maintenance Plan

- **Milestone Years**
 - 2002 : Nonattainment Year (BY 1997 Annual PM2.5 Std SIP)
 - 2007 : PM2.5 MP Base Year (Attainment Year - 1997 Annual PM2.5 Std)
 - 2017 : PM2.5 MP Interim Year
 - 2025 : PM2.5 MP Future Year

Inventory Requirements

PM2.5 Maintenance Plan

- **Inventories needed**
 - Point Source
 - Area Source
 - Nonroad Source
 - Onroad Source

Summary of Inventories

PM2.5 Maintenance Plan

- **Point Source**

Annual Inventory (tpy) - Point (EGU & NEGU)

Jurisdiction	NOx				SO2				PM2.5			
	2002	2007	2017	2025	2002	2007	2017	2025	2002	2007	2017	2025
DC	1,317.46	788.64			2,467.55	612.42			126.53	52.80		
MD	45,829.43	30,365.29			164,784.06	176,880.07			3,497.31	5,047.65		
VA	14,195.67	6,694.88			37,400.23	5,956.12			545.71	446.30		
Washington, DC-MD-VA												
PM2.5 NAA	61,342.56	37,848.81			204,651.84	183,448.61			4,169.55	5,546.75		

- 2002 emissions are taken from PM2.5 submitted in March 2008.
- 2017 & 2025 EGU emissions currently being developed.
- Final 2017 & draft 2025 NEGU emissions are ready.

Summary of Inventories

PM2.5 Maintenance Plan

- Area Source

Annual Inventory (tpy) - Area

Jurisdiction	NOx				SO2				PM2.5			
	2002	2007	2017	2025	2002	2007	2017	2025	2002	2007	2017	2025
DC	1,694.70	1,476.97	1,490.70		463.44	1,231.51	985.59		495.07	716.06	773.87	
MD	5,167.94	3,222.22	3,431.26		2,375.52	1,077.80	1,208.69		7,479.48	6,202.04	6,628.81	
VA	7,091.38	4,652.10	4,490.24		9,496.59	5,411.60	4,911.70		5,692.32	4,967.16	4,801.35	
Washington, DC-MD-VA												
PM2.5 NAA	13,954.02	9,351.29	9,412.19		12,335.55	7,720.91	7,105.97		13,666.87	11,885.27	12,204.03	

* 2002 emissions are taken from PM2.5 submitted in March 2008 and need to be revised.

Summary of Inventories

PM2.5 Maintenance Plan

- **Nonroad Model (NMIM) Source**

Annual Inventory (tpy) - Nonroad Model (NMIM)

Jurisdiction	NOx				SO2				PM2.5			
	2002	2007	2017	2025	2002	2007	2017	2025	2002	2007	2017	2025
DC		2,757.72	1,510.57	957.91		192.90	2.67	2.84		236.10	132.14	71.37
MD		8,211.07	4,656.08	3,407.43		478.71	11.01	12.04		837.97	610.07	492.85
VA		9,115.30				560.65				932.41		
Washington, DC-MD-VA												
PM2.5 NAA		20,084.09				1,232.26				2,006.48		

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- **Non-Nonroad Model Source**
 - **(Marine, Airport, Rail)**

Annual Inventory (tpy) - Nonroad Source (MAR)

Jurisdiction	NOx				SO2				PM2.5			
	2002	2007	2017	2025	2002	2007	2017	2025	2002	2007	2017	2025
DC		511.77	357.27	265.57		37.92	0.26	0.18		11.86	6.63	4.65
MD		2,184.94	1,444.27	1,098.08		71.41	39.28	39.65		66.87	32.21	20.31
VA		4,003.06	4,511.68	5,346.89		306.35	366.36	447.69		122.12	119.77	135.42
Washington, DC-MD-VA												
PM2.5 NAA		6,699.77	6,313.23	6,710.54		415.69	405.90	487.52		200.84	158.62	160.38

Status of Inventories

PM2.5 Maintenance Plan

Source	2002	2007	2017	2025
Point	Final	Final		
Area	Draft	Final	Final	
NMIM		Draft	Draft (DC,MD)	Draft (DC,MD)
MAR		Final	Final	Draft
Onroad				