

STATUS OF INVENTORIES (2015 OZONE NAAQS RR/MP)

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MWAQC-TAC
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Nonpoint & MAR Source Inventories

Projected 2032 and 2038 emissions are being developed using COG Cooperative Forecast Round 10.0 .

A list of proposed growth surrogates has been developed and will be discussed in this meeting. Comments are awaited.

Coordination is going on with Maryland to finalize their nonpoint and quasi-point inventories.

Stage II emissions developed using MOVES5.0.0 were added to nonpoint source category.

Point Source Inventories

2022

All ozone season day inventories are available.

2032/38

DC and VA inventories are available.

Working with MD to finalize these inventories.

Onroad Source Inventories

MOVES5 runs are complete for all four milestone years.

MWAQC staff reviewed input/runspec/auxiliary/output files.

TPB staff will present the details of onroad inventories in this meeting.

DRAFT Point Source Inventory (tpd)

Jurisdiction	Point						
	NOx			VOC			
	2022	2032	2038	2022	2032	2038	2038
Distrct of Columbia	0.48	0.48	0.48	0.25	0.25	0.25	
Calvert	2.18			0.10			
Charles	9.03			0.34			
Fredrick	1.41			1.35			
Montgomery	8.38			0.29			
Prince George's	15.18			0.81			
Arlington	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fairfax County	9.04	9.45	9.53	0.57	0.52	0.53	
Loudoun County	7.36	8.62	9.44	0.44	0.51	0.55	
Prince William County	2.94	2.56	2.57	0.45	0.33	0.34	
Fairfax City	0.02	0.02	0.03	0.34	0.29	0.29	
Falls Church City	0.00	0.00	0.00	0.00	0.00	0.00	
Manassas City	0.22	0.26	0.28	0.10	0.11	0.12	
Manassas Park City	0.00	0.00	0.00	0.00	0.00	0.00	
Alexandria City	0.81	0.81	0.81	0.00	0.00	0.00	
NAA Total							



DRAFT Nonpoint Source Inventory (tpd)

Jurisdiction	Nonpoint						
	NOx			VOC			
	2022	2032	2038	2022	2032	2038	
District of Columbia	1.51	1.36	1.29	12.25	13.01	13.32	
Calvert	0.21	0.19	0.18	1.94	2.15	2.36	
Charles	0.83	0.79	0.77	9.98	10.37	10.73	
Fredrick	1.26	1.15	1.10	11.43	12.28	12.99	
Montgomery	3.35	3.05	2.91	20.20	21.80	23.47	
Prince George's	3.03	2.76	2.63	25.64	26.63	28.11	
Arlington	0.88	0.85	0.83	4.25	4.45	4.71	
Fairfax County	5.17	5.07	5.02	22.56	25.68	28.62	
Loudoun County	2.15	2.14	2.15	9.11	11.19	12.90	
Prince William County	1.80	1.80	1.80	10.15	11.58	12.88	
Fairfax City	0.62	0.60	0.59	2.97	3.15	3.32	
Falls Church City	0.18	0.18	0.17	0.70	0.76	0.81	
Manassas City	0.09	0.08	0.08	0.33	0.35	0.36	
Manassas Park City	0.24	0.24	0.24	0.98	1.13	1.23	
Alexandria City	0.09	0.09	0.09	0.57	0.59	0.62	
NAA Total	21.40	20.32	19.85	133.07	145.13	156.43	

DRAFT MAR Source Inventory (tpd)

Jurisdiction	MAR						
	NOx			VOC			
	2022	2032	2038	2022	2032	2038	
District of Columbia	1.03	1.05	1.10	0.05	0.05	0.05	
Calvert	0.60	0.58	0.57	0.02	0.03	0.03	
Charles	0.16	0.16	0.16	0.01	0.01	0.01	
Fredrick	0.86	0.89	0.94	0.06	0.07	0.07	
Montgomery	0.75	0.80	0.85	0.04	0.05	0.05	
Prince George's	1.44	1.50	1.54	0.43	0.44	0.44	
Arlington	2.62	2.69	2.69	0.41	0.42	0.42	
Fairfax County	0.57	0.61	0.65	0.02	0.03	0.03	
Loudoun County	3.06	4.84	5.37	0.57	0.84	0.94	
Prince William County	0.44	0.46	0.50	0.02	0.02	0.02	
Fairfax City	0.29	0.32	0.34	0.01	0.01	0.01	
Falls Church City	0.00	0.00	0.00	0.00	0.00	0.00	
Manassas City	0.00	0.00	0.00	0.00	0.00	0.00	
Manassas Park City	0.11	0.12	0.12	0.05	0.05	0.05	
Alexandria City	0.01	0.02	0.02	0.00	0.00	0.00	
NAA Total	11.94	14.03	14.86	1.72	2.03	2.13	



DRAFT Nonroad Model Source Inventory (tpd)

Nonroad Model							
Jurisdiction	NOx			VOC			
	2022	2032	2038	2022	2032	2038	
District of Columbia	1.35	1.01	1.06	1.38	1.34	1.39	
Calvert	0.45	0.37	0.37	0.75	0.59	0.58	
Charles	0.74	0.57	0.57	1.18	0.98	0.98	
Fredrick	1.26	0.99	1.01	2.32	2.41	2.49	
Montgomery	3.62	3.10	3.20	8.60	9.04	9.35	
Prince George's	2.70	2.20	2.27	4.93	5.11	5.29	
Arlington	1.47	0.82	0.78	0.88	0.79	0.78	
Fairfax County	4.72	3.52	3.51	9.28	9.08	9.03	
Loudoun County	3.21	2.02	1.93	4.55	4.36	4.31	
Prince William County	2.05	1.32	1.28	2.79	2.64	2.60	
Fairfax City	0.23	0.22	0.24	0.66	0.66	0.66	
Falls Church City	0.10	0.09	0.09	0.32	0.32	0.32	
Manassas City	0.06	0.05	0.05	0.19	0.19	0.19	
Manassas Park City	0.08	0.09	0.11	0.13	0.14	0.14	
Alexandria City	0.06	0.05	0.05	0.18	0.18	0.18	
NAA Total	22.10	16.43	16.52	38.14	37.83	38.31	

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