

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 were developed for most SCCs using 2022 OSD/annual ratio and annual emissions for each SCC for 2032 and 2038 from EPA's EMP 2022v1 database. Emissions for a few SCCs were kept at the 2022 level.

GSE and railway maintenance emissions that are part of MAR sources were developed using MOVES5 instead of acquiring them from the EMP Database. This was agreed to in the November 2025 meeting of MWAQC-TAC.

QA/QC work is going on to make sure all SCCs are accounted for.

Next, staff will undertake projections for 2032/38 using COG Cooperative Forecast Round 10.1 .

Point Source Inventories

2022

All ozone season day inventories are available.

2032/38

DC and VA inventories are available.

MD is working on these inventories.

Onroad Source Inventories

MOVES5 runs are complete for all four milestone years.

Currently, MWAQC staff is reviewing input/runspec/auxiliary/output files. This process is expected to be complete by the end of this month.

TPB staff will likely present the details of onroad inventories in the March meeting of MWAQC-TAC.

DRAFT Point Source Inventory (tpd)

Jurisdiction	Point						
	NOx			VOC			
	2022	2032	2038	2022	2032	2038	
District 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	
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	12.03	12.80	13.20	
Calvert	0.21	0.19	0.18	1.90	2.12	2.24	
Charles	0.83	0.79	0.77	9.89	10.29	10.53	
Fredrick	1.26	1.15	1.10	11.17	12.05	12.44	
Montgomery	3.35	3.05	2.91	19.69	21.38	22.32	
Prince George's	3.03	2.76	2.63	25.02	26.13	26.70	
Arlington	0.88	0.85	0.83	4.16	4.38	4.50	
Fairfax County	5.17	5.07	5.02	21.86	25.11	27.13	
Loudoun County	2.15	2.14	2.15	8.87	10.99	12.49	
Prince William County	1.80	1.80	1.80	9.87	11.34	12.29	
Fairfax City	0.62	0.60	0.59	2.91	3.10	3.21	
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	129.94	142.52	150.05	



DRAFT MAR Source Inventory (tpd)

Jurisdiction	MAR						
	NOx			VOC			
	2022	2032	2038	2022	2032	2038	
Distrct 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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