

STATUS OF INVENTORIES (2015 OZONE NAAQS RR/MP)

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Preliminary Nonroad Model Inventories

MOVES5.0.0 Nonroad Model Inventory (Ozone Season Tons Per Day)						
(2015 Ozone NAAQS Redesignation request & Maintenance Plan)						
	Updated BY2017 Inventory		AY2022 Inventory		IY2032 Inventory	
Jurisdiction	VOC	NOx	VOC	NOx	VOC	NOx
District of Columbia	1.60	2.06	1.38	1.35	1.34	1.01
Calvert	1.00	0.58	0.75	0.45	0.37	0.37
Charles	1.52	1.01	1.18	0.74	0.57	0.57
Fredrick	2.39	1.70	2.32	1.26	0.99	0.99
Montgomery	8.71	4.62	8.60	3.62	3.10	3.10
Prince George's	5.11	3.65	4.93	2.70	2.20	2.20
Arlington	0.99	2.32	0.88	1.42	0.78	0.80
Fairfax County	9.68	6.47	9.28	4.72	9.08	3.52
Fairfax City	0.32	0.12	0.32	0.10	0.32	0.09
Falls Church City	0.20	0.06	0.19	0.06	0.19	0.05
Loudoun County	4.76	4.74	4.54	3.16	4.36	2.00
Prince William County	3.01	3.07	2.79	2.04	2.63	1.32
Manassas City	0.13	0.10	0.13	0.08	0.14	0.09
Manassas Park City	0.18	0.06	0.18	0.05	0.18	0.05
Alexandria City	0.68	0.26	0.66	0.23	0.22	0.22
District of Columbia	1.60	2.06	1.38	1.35	1.34	1.01
Maryland	18.72	11.55	17.78	8.77	7.23	7.23
Virginia	19.95	17.19	18.96	11.87	17.91	8.15
Washington Region Total	40.27	30.80	38.12	21.99	26.48	16.39

Nonpoint & MAR Source Inventories

2022 ozone season day emissions are available for most SCCs along with annual emissions from MARAMA. Using 2022 OSD/annual ratio for each SCC and annual emissions from EPA EMP 2022v1 for 2032 and 2038, projected 2032 and 2038 emissions will be developed.

A few SCCs are missing in MARAMA database that are present in EMP database and vice versa. Those will be reconciled next.

EMP database had most of the airport and yard locomotive (railroad) emissions assigned to point sources. They were reassigned to airport and railroad categories. Line haul in EMP was assigned to nonpoint, was reassigned to railroad.

Nonpoint & MAR Source Inventories

Need to decide if we should use GSEs and railway maintenance from EMP DB or from MOVES5 runs.

CMV included in nonpoint, assigned to marine.

Biogenic included in nonpoint, assigned to Biogenic.

Point Source Inventories

2022

MD and VA ozone season day inventories available

DC inventory needed

2032/38

MD inventories will be developed next

DC inventories needed

Onroad Source Inventories

MOVES5 runs will start once the decision on AVFT inputs is made.

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