

# STATUS OF INVENTORIES (2015 OZONE NAAQS RR/MP)

---

Sunil Kumar  
Principal Environmental Engineer

MWAQC-TAC  
January 13, 2026

# Preliminary Nonroad Model Inventories

<b>DRAFT</b>								
<b>MOVES5.0.0 Nonroad Model Inventory (Ozone Season Tons Per Day)</b>								
<b>(2015 Ozone NAAQS Redesignation request &amp; Maintenance Plan)</b>								
	<b>Updated BY2017 Inventory</b>		<b>AY2022 Inventory</b>		<b>IY2032 Inventory</b>		<b>FY2038 Inventory</b>	
<b>Jurisdiction</b>	<b>VOC</b>	<b>NOx</b>	<b>VOC</b>	<b>NOx</b>	<b>VOC</b>	<b>NOx</b>	<b>VOC</b>	<b>NOx</b>
District of Columbia	1.60	2.06	1.38	1.35	1.34	1.01	1.39	1.06
Calvert	1.00	0.58	0.75	0.45	0.59	0.37	0.58	0.37
Charles	1.52	1.01	1.18	0.74	0.98	0.57	0.98	0.57
Fredrick	2.39	1.70	2.32	1.26	2.41	0.99	2.49	1.01
Montgomery	8.71	4.62	8.60	3.62	9.04	3.10	9.35	3.20
Prince George's	5.11	3.65	4.93	2.70	5.11	2.20	5.29	2.27
Arlington	1.00	2.40	0.88	1.47	0.79	0.82	0.78	0.78
Fairfax County	9.69	6.48	9.28	4.72	9.08	3.52	9.03	3.51
Fairfax City	0.32	0.12	0.32	0.10	0.32	0.09	0.32	0.09
Falls Church City	0.20	0.06	0.19	0.06	0.19	0.05	0.19	0.05
Loudoun County	4.76	4.82	4.55	3.21	4.36	2.02	4.31	1.93
Prince William County	3.01	3.08	2.79	2.05	2.64	1.32	2.60	1.28
Manassas City	0.13	0.10	0.13	0.08	0.14	0.09	0.14	0.11
Manassas Park City	0.18	0.06	0.18	0.06	0.18	0.05	0.18	0.05
Alexandria City	0.68	0.26	0.66	0.23	0.66	0.22	0.66	0.24
District of Columbia	1.60	2.06	1.38	1.35	1.34	1.01	1.39	1.06
Maryland	18.72	11.55	17.78	8.77	18.13	7.23	18.69	7.43
Virginia	19.97	17.38	18.97	11.98	18.35	8.20	18.23	8.04
<b>Washington Region Total</b>	<b>40.29</b>	<b>30.99</b>	<b>38.14</b>	<b>22.10</b>	<b>37.83</b>	<b>16.43</b>	<b>38.31</b>	<b>16.52</b>

# Nonpoint & MAR Source Inventories

---

Projected 2032 and 2038 emissions were developed using 2022 OSD/annual ratio and annual emissions for each SCC for 2032 and 2038 from EPA's EMP 2022v1 database.

MARAMA provided OSD emissions based on the EMP database. A few SCCs were missing in the MARAMA database that were present in the EMP database and vice versa. They were reconciled.

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 meeting of MWAQC-TAC.

There are only a few SCCs left for which we need to develop OSD emissions.

QA/QC work is ongoing to avoid any double-counting or exclusion of any SCC.

# Point Source Inventories

---

## 2022

MD and VA ozone season day inventories are available.  
DC inventory is needed.

## 2032/38

MD inventories will be developed next.  
DC inventories are needed.

# Onroad Source Inventories

---

MOVES5 runs will start once the final decision on AVFT inputs is made. This is Expected in today's meeting.

## Sunil Kumar

Principal Environmental Engineer  
(202) 962-3244 / [skumar@mwkog.org](mailto:skumar@mwkog.org)

[mwkog.org](http://mwkog.org)

---

777 North Capitol Street NE, Suite 300  
Washington, DC 20002