

Stationary Source Inventory

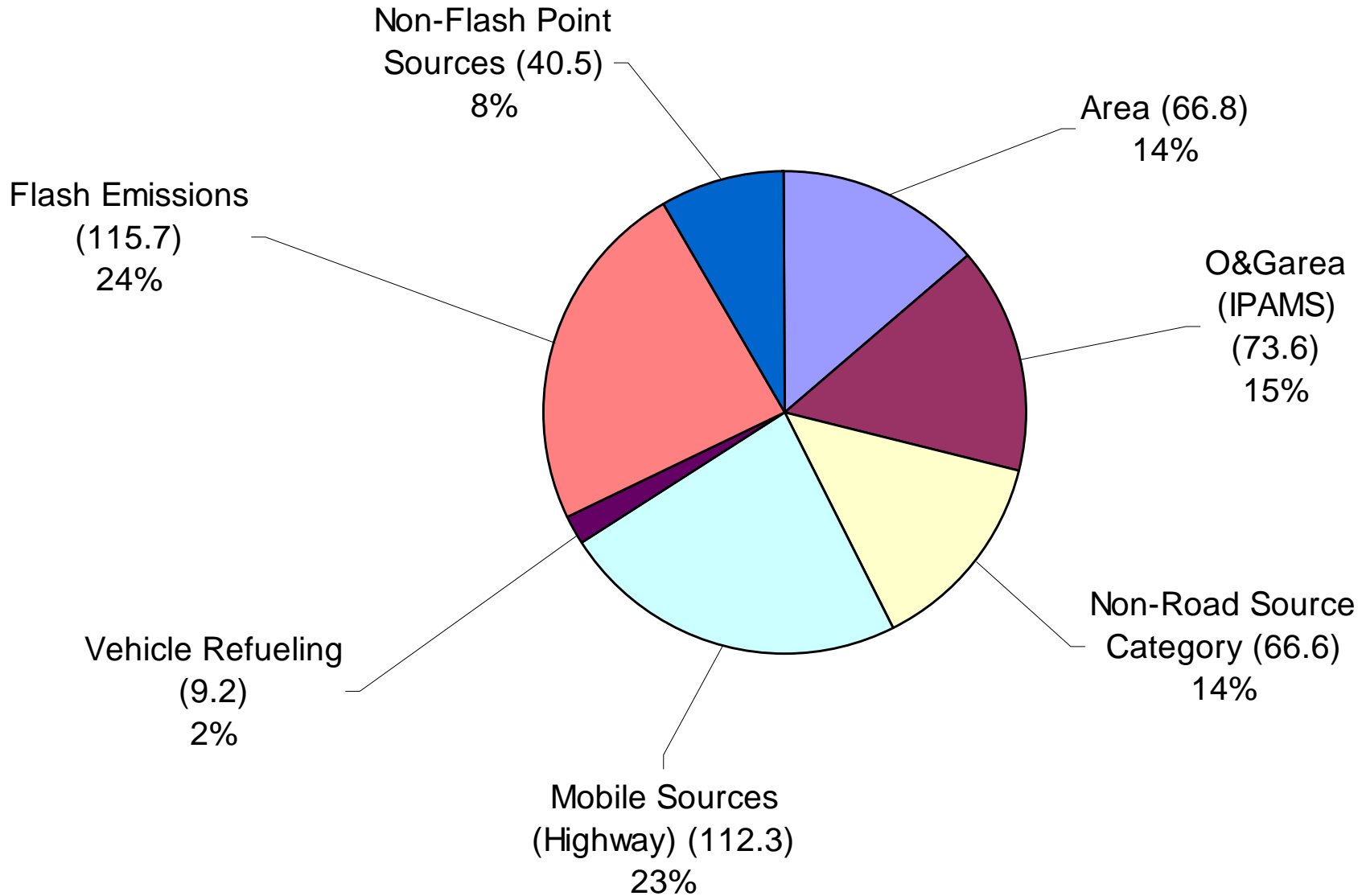
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Regulatory Development

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Presentation Overview

- Modeling Inventory
- Stationary Source (SS) Inventory
- Results of SS Queries
 - 8hr Ozone Non-Attainment Area (NAA) – VOC
 - Statewide – VOC
- Highlights

Modeling Inventory VOC (483.7 tons/day)



Stationary Source Inventory

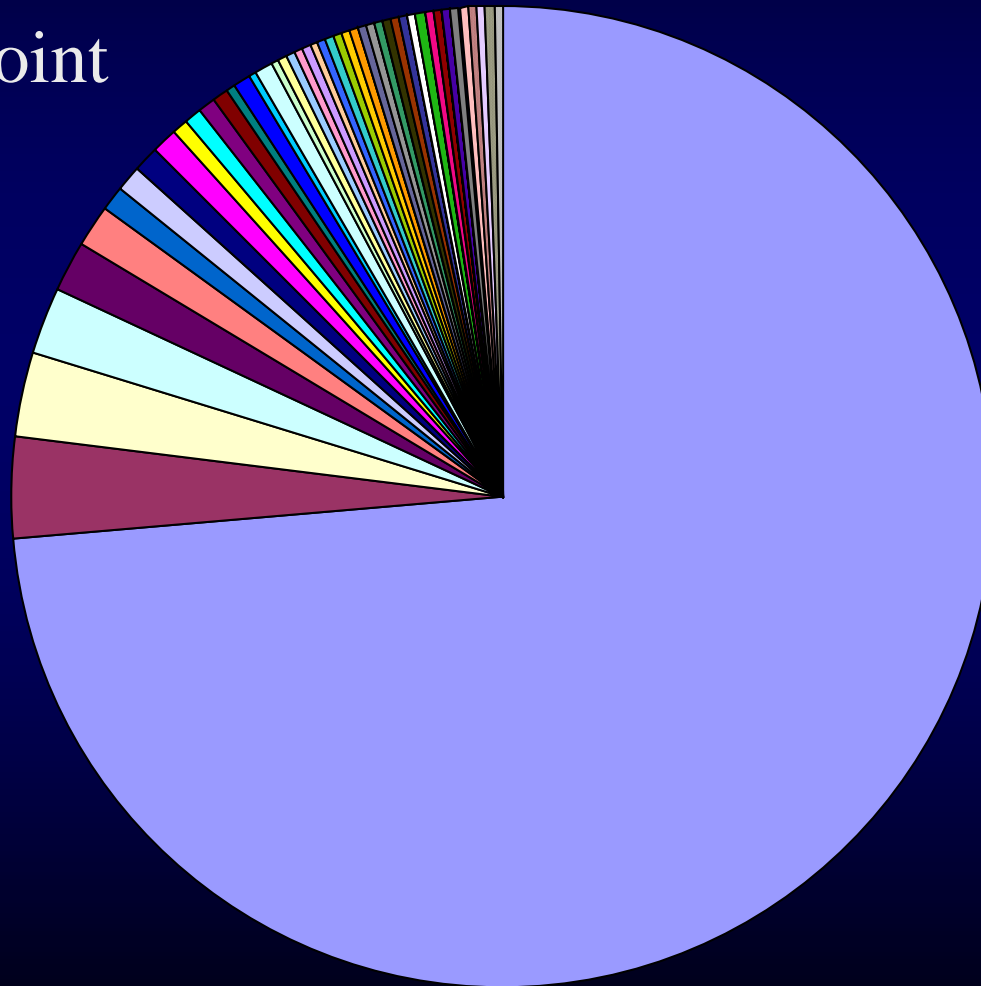
- Based on data provided to the Division
 - APENs
 - Condensate Tank 6-month reports
- Flux
- Source Classification Code(SCC) Codes

SCC Description

SCC 1	SCC 2	SCC 3	Tons/Year	Tons/Day	Percent
Petroleum and Solvent Evaporation			6,930.07	18.99	12.04%
Petroleum and Solvent Evaporation	Surface Coating Operations		2,361.14	6.47	4.10%
Petroleum and Solvent Evaporation	Surface Coating Operations	Misc. Surface Coating	980.25	3	1.70%

VOC SS Source Categories – 8 Hour NAA

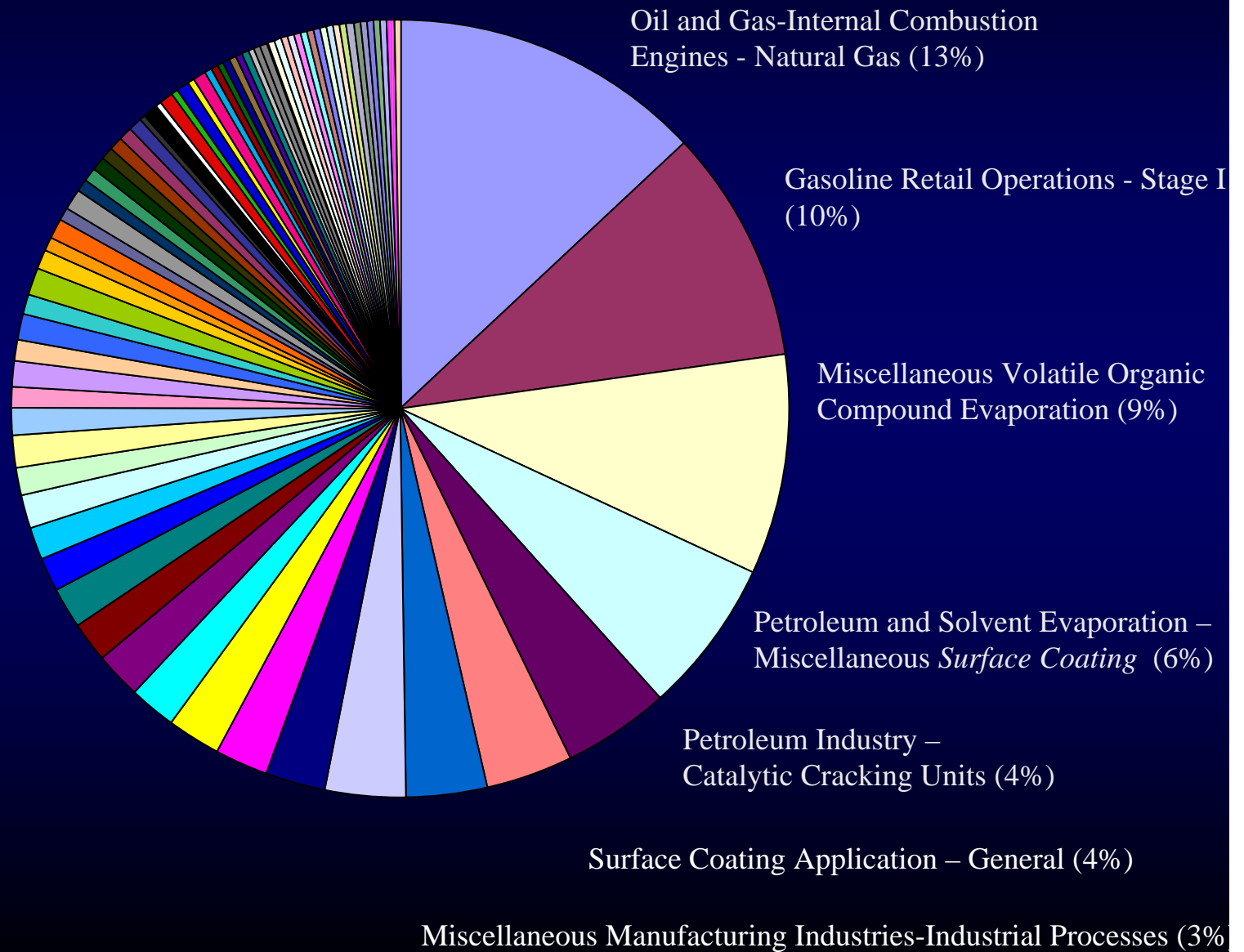
Other Point
Sources
27%



Flash
Emissions
73%

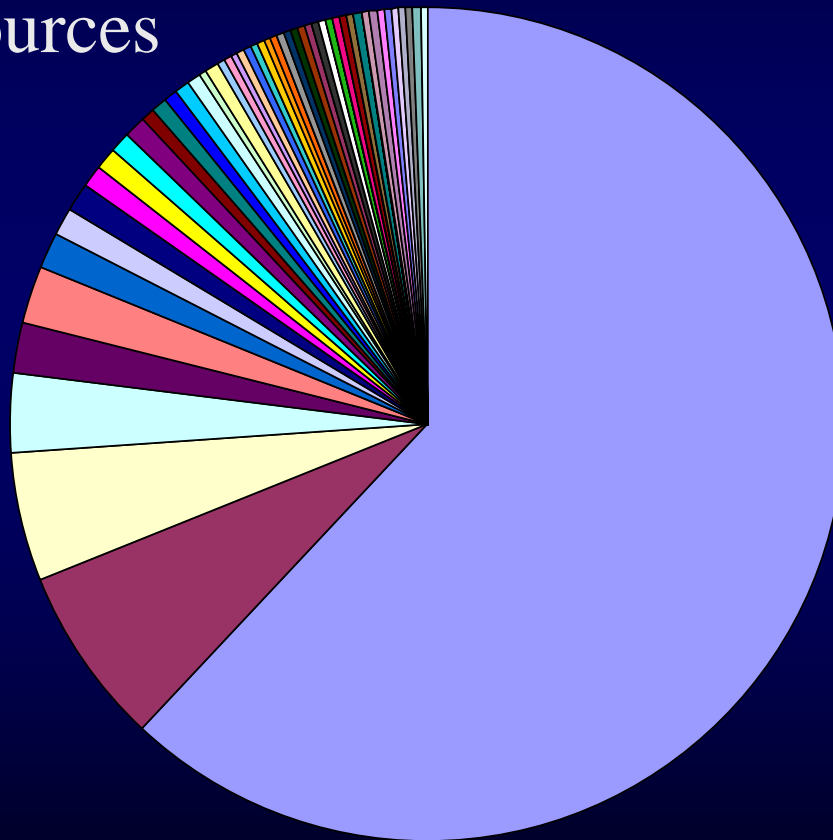
VOC SS Source Categories – 8 Hour NAA

Flash Removed



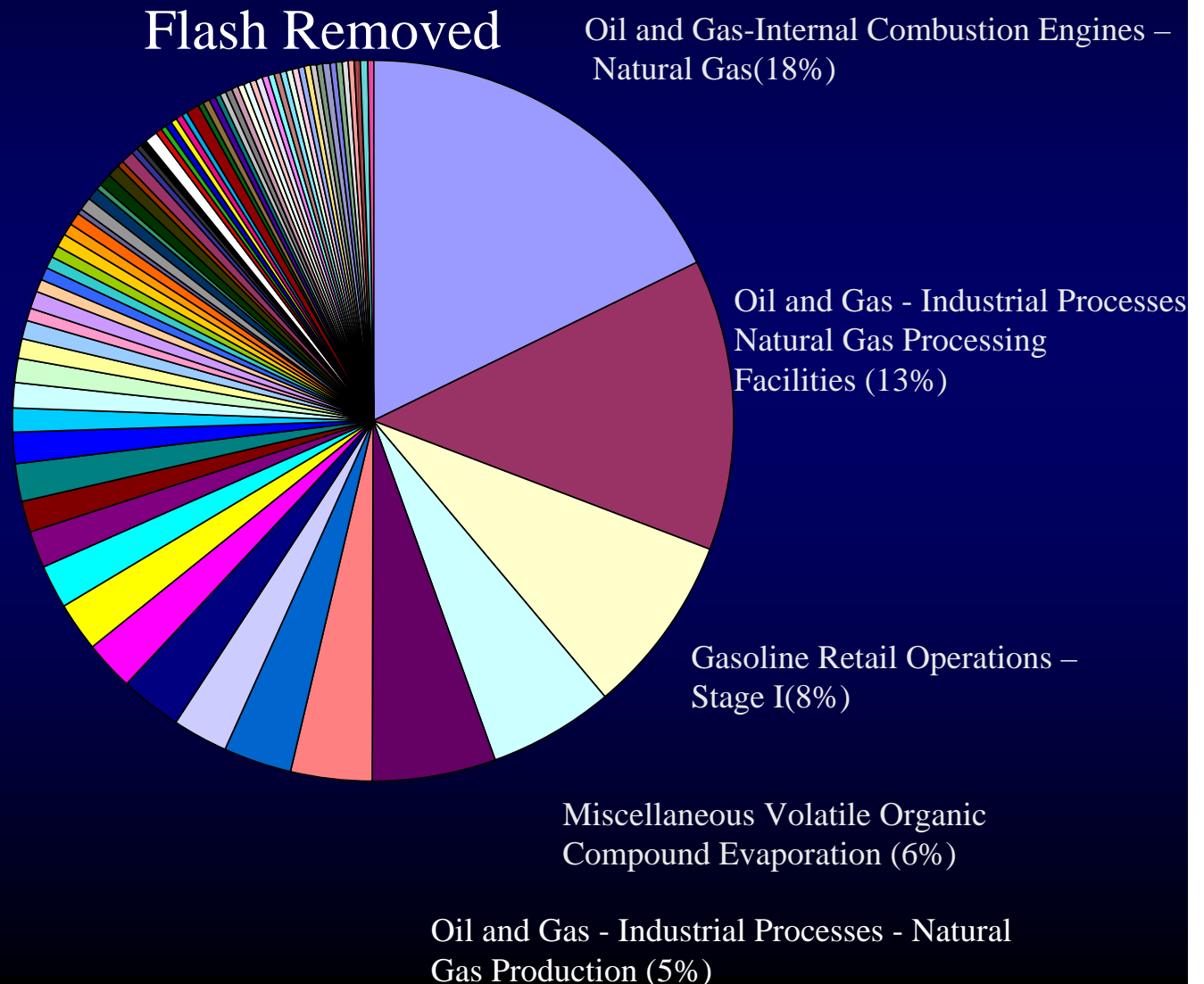
VOC SS Source Categories - Statewide

Other Point Sources
38%



Flash
Emissions
62%

VOC SS Source Categories - Statewide



Source Category Contributions Greater Than 1 Ton/Day in the 8-Hour Non-Attainment Area

Unit Description	Tons/year	Tons/day	Percentage	Count
Oil and Gas-Field Storage and Working Tanks (flash)	42,289	116	73%	4,558
Oil and Gas-Internal Combustion Engines - Natural Gas	1,983	5	3%	256
Gasoline Retail Operations - Stage I**	1,508	4	3%	1,720
Miscellaneous Volatile Organic Compound Evaporation	1,387	4	2%	678
Petroleum and Solvent Evaporation -Miscellaneous <i>Surface Coating</i>	980	3	2%	167
Petroleum Industry - Catalytic Cracking Units	656	2	1%	2
Surface Coating Application - General	542	1	1%	406
Miscellaneous Manufacturing Industries-Industrial Processes	507	1	1%	92
Beer Production	506	1	1%	28
Printing and Publishing-Petroleum and Solvent Evaporation	418	1	1%	171
Surface Coating Operations-Thinning Solvents	325	1	1%	191
Oil and Gas-Natural Gas Production	317	1	1%	31
Asphalt Concrete	303	1	1%	42
Oil and Gas-Fugitive Emissions	289	1	1%	19
Oil and Gas-Natural Gas Processing Facilities	261	1	0%	26
Surface Coating Operations-Metal Can Coating	258	1	0%	2
Bulk Plants	243	1	0%	76
In Situ Venting/Venting of Soils	208	1	0%	64
Bulk Terminals	192	1	0%	54
Oil and Gas-Crude Oil Production	192	1	0%	26
Electric Generation-Internal Combustion Engines-Natural Gas	189	1	0%	26

Highlights

- Flash Emissions are Significant
- No Other Source Categories Appear Significant, but Individual Sources Within the Categories May Be Important to Evaluate
- Data appears consistent between State and 8-Hour Area