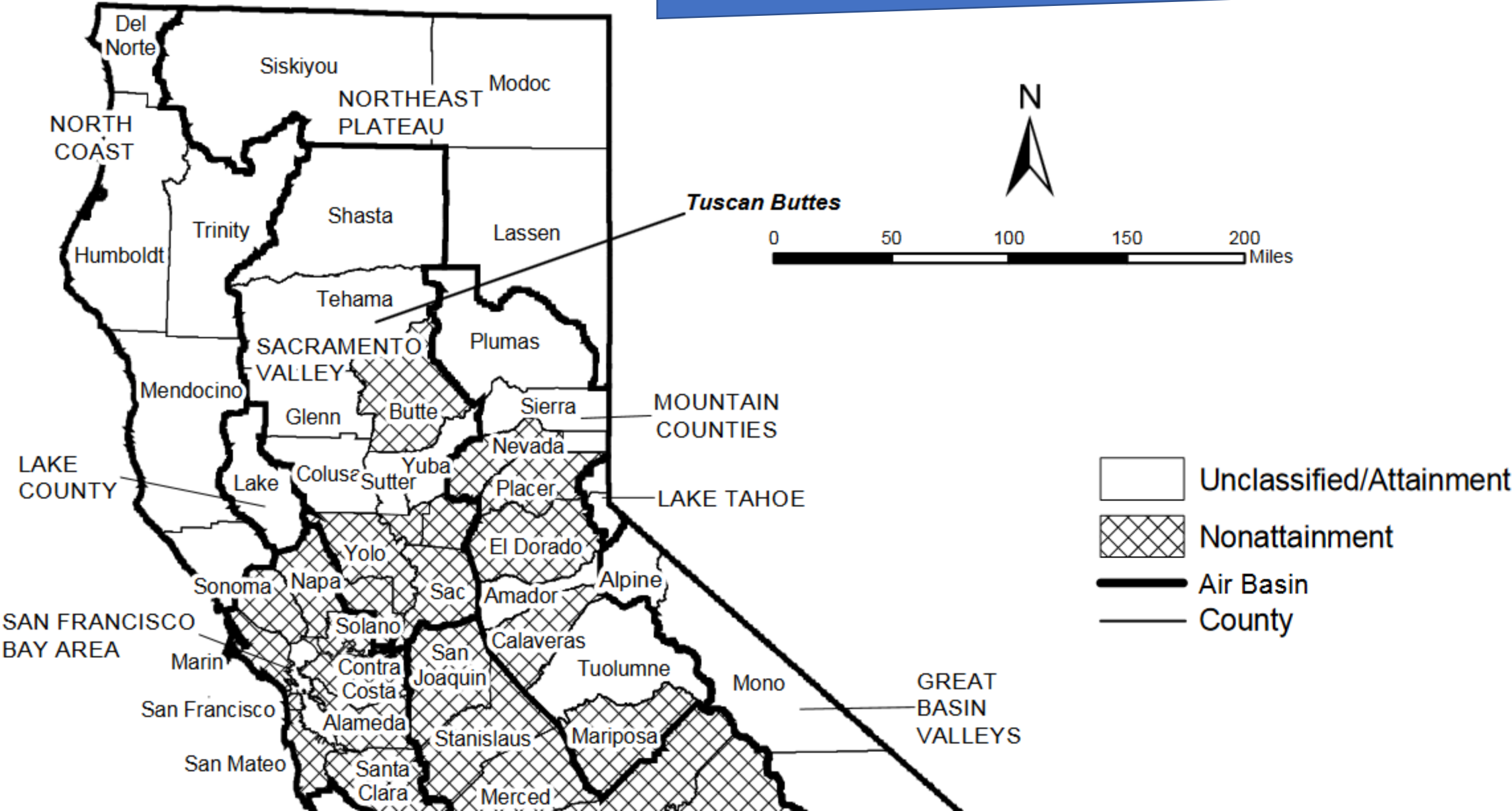


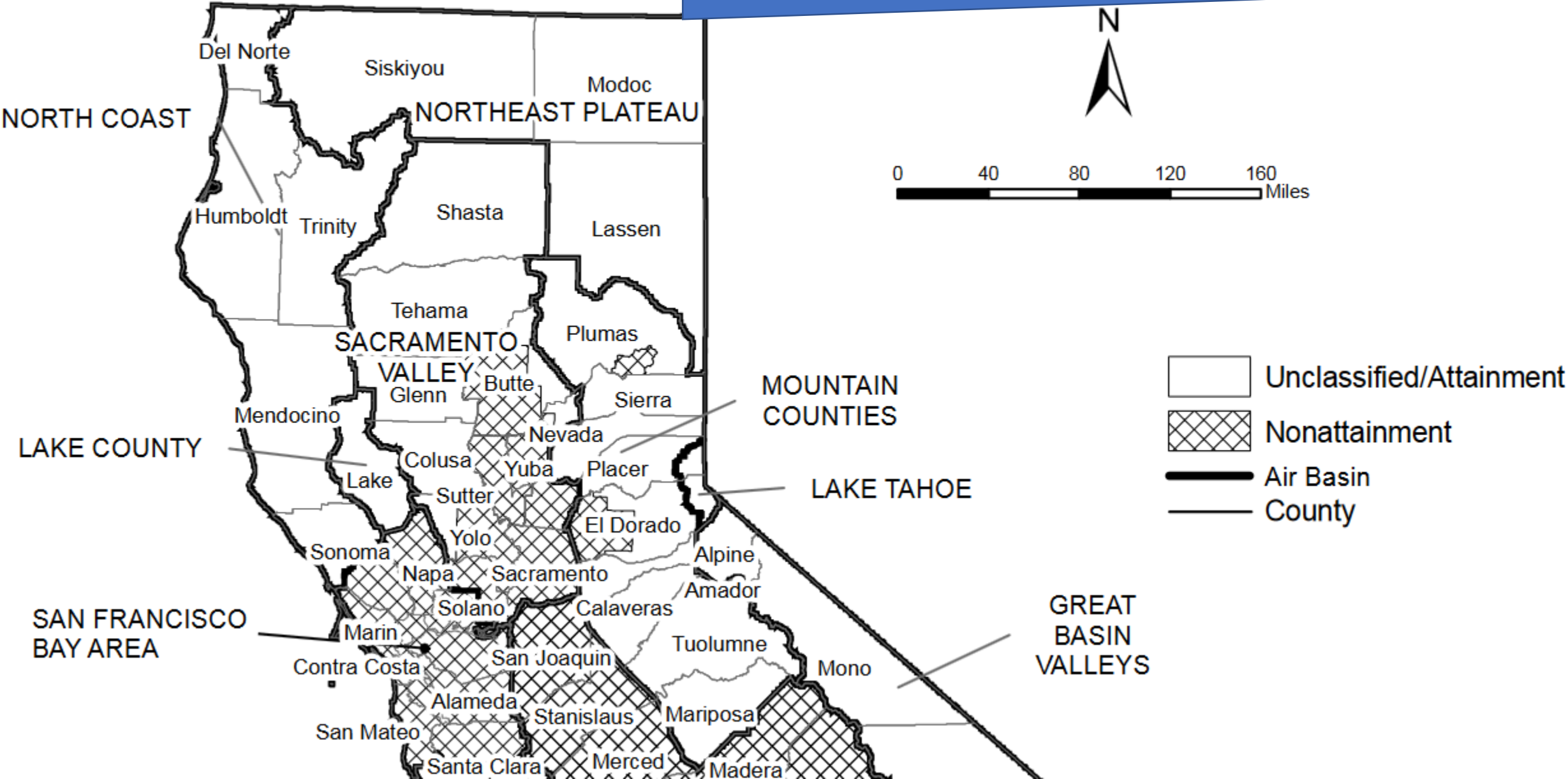
Sacramento Valley Air Basin Perspectives

Jim Wagoner, Air Pollution Control Officer
Butte County Air Quality Management District

Federal 8-Hour Ozone Standard



Federal 24-hr PM2.5 Standard



Sacramento Valley Basinwide Air Pollution Control Council

Activities Mandated by State Law

Smoke Management Program (Title 17 CCR)
Rice Straw Burning Reduction Act of 1991 (CH&SC 41865)
Conditional Rice Straw Burning Permit Program

General Coordination Activities

Unity and efficiency among Districts
Clearinghouse and endorsement of rules and regulations
Northern Sacramento Valley Planning Area Attainment Plan

Smoke Management Program (SMP)

- Adopt and Implement a comprehensive, regional Smoke Management Program
- Coordinate with CARB and Agencies
 - Complaints
 - Smoke Control Measures
 - Burn Acreage Allocations
- Annual SMP Review
- Annual Rice Straw Burning Acreage Determination



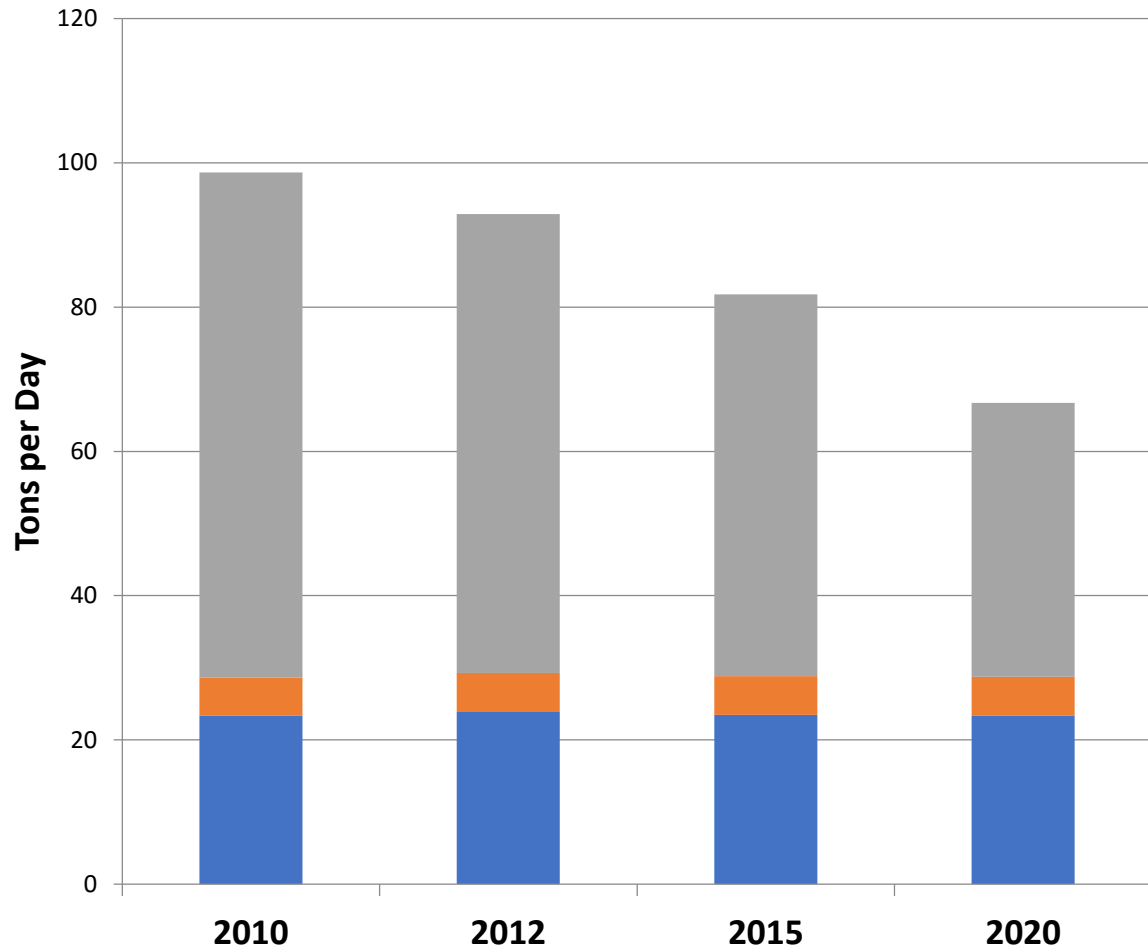
Conditional Rice Straw Burn Permit Program



- Implement and ensure compliance with program elements
 - Granting Conditional Permits
 - Annual disease determinations by the local agricultural commissioners
 - Matters of program forms and reporting
- Implementation Reports
- Program Amendments

NOx Trends

2015 Triennial NSVPA Attainment Plan

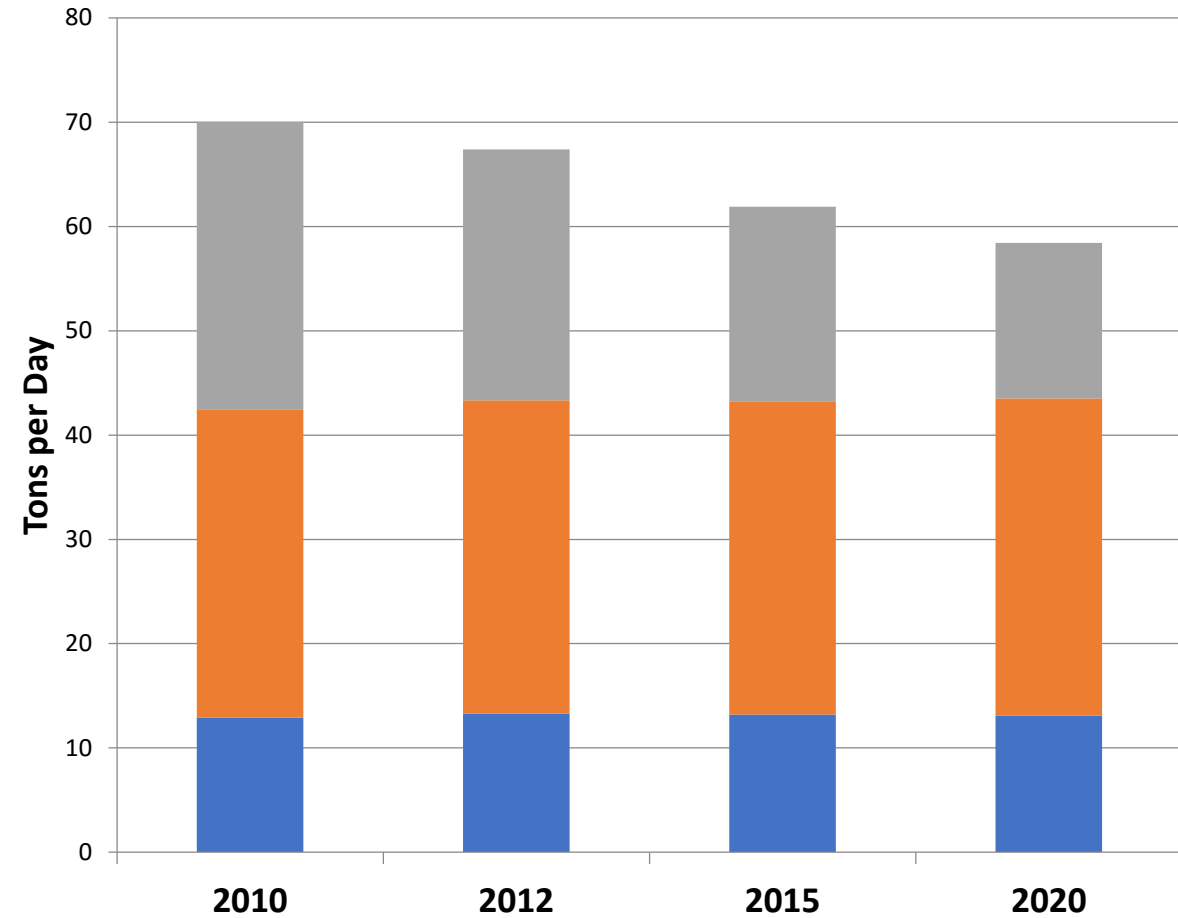


NOx Emission Inventory Projections (tons/day)

SUMMARY CATEGORY NAME	2010	2012	2015	2020
STATIONARY SOURCES	23.331	23.896	23.471	23.342
Fuel Combustion	19.723	20.230	19.743	19.588
Waste Disposal	0.067	0.068	0.076	0.078
Cleaning and Surface Coating	0.003	0.003	0.004	0.004
Petroleum Production and Marketing	2.116	2.031	1.910	1.726
Industrial Processes	1.422	1.564	1.739	1.946
AREA-WIDE SOURCES	5.353	5.376	5.381	5.404
Managed Burning and Disposal	3.601	3.560	3.531	3.498
Residential Fuel Combustion	1.746	1.809	1.843	1.898
Miscellaneous Fires	0.007	0.007	0.007	0.008
MOBILE SOURCES	69.967	63.628	52.902	37.964
On-Road Motor Vehicles	44.380	39.275	30.520	19.880
Other Mobile Sources	25.587	24.353	22.383	18.083
TOTAL NOx FOR NSVPA	98.651	92.901	81.754	66.709

ROG Trends

2015 Triennial NSVPA Attainment Plan



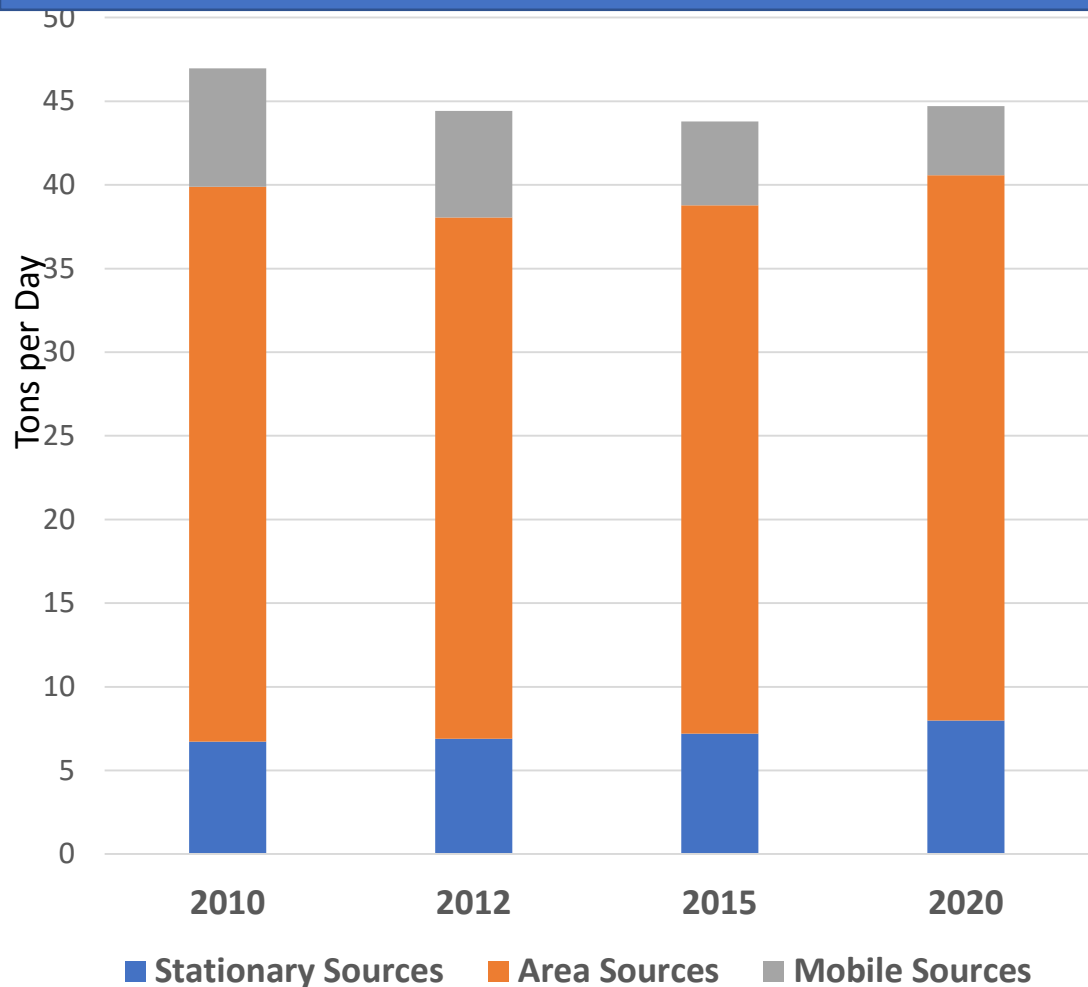
ROG Emission Inventory Projections (tons/day)

SUMMARY CATEGORY NAME	2010	2012	2015	2020
STATIONARY SOURCES	12.889	13.285	13.208	13.116
Fuel Combustion	2.047	2.011	1.945	1.845
Waste Disposal	0.045	0.045	0.052	0.052
Cleaning and Surface Coating	3.395	3.574	3.675	3.822
Petroleum Production and Marketing	6.499	6.689	6.470	6.158
Industrial Processes	0.903	0.966	1.068	1.238
AREA-WIDE SOURCES	29.587	30.053	30.040	30.394
Solvent Evaporation	14.223	14.511	14.543	14.966
Managed Burning and Disposal	5.519	5.468	5.437	5.390
Farming Operations	3.992	4.054	4.054	4.055
Residential Fuel Combustion	5.728	5.889	5.870	5.840
Miscellaneous Processes Other	0.125	0.131	0.135	0.144
MOBILE SOURCES	27.523	24.056	18.634	14.908
On-Road Motor Vehicles	14.886	12.369	8.140	5.867
Other Mobile Sources	12.638	11.687	10.494	9.041
TOTAL ROG FOR NSVPA	70.000	67.394	61.882	58.418

PM2.5 Trends

Sacramento Valley Air Basin

(ARB 2012 Almanac)



PM2.5 Emission Inventory Projections (tons/day)				
SUMMARY CATEGORY NAME	2010	2012	2015	2020
STATIONARY SOURCES	6.728	6.888	7.204	7.988
Fuel Combustion	2.203	2.229	2.179	2.369
Waste Disposal	0.028	0.026	0.026	0.028
Cleaning and Surface Coating	0.029	0.029	0.033	0.036
Petroleum Production and Marketing	0.007	0.001	0.001	0.001
Industrial Processes	4.461	4.603	4.964	5.554
AREA-WIDE SOURCES	33.151	31.170	31.581	32.594
Miscellaneous Sources	7.514	7.445	7.877	8.615
Managed Burning and Disposal	7.161	5.495	5.475	5.445
Farming Operations	4.745	4.517	4.471	4.402
Residential Fuel Combustion	11.237	11.234	11.282	11.662
Unpaved Road Dust	2.494	2.479	2.476	2.470
MOBILE SOURCES	7.093	6.360	5.007	4.135
On-Road Motor Vehicles	4.144	3.602	2.580	2.229
Other Mobile Sources	2.949	2.758	2.427	1.906
TOTAL PM2.5 for Sac. Valley Air Basin	46.972	44.418	43.792	44.716

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