

Appendix A

South Coast and Coachella Valley Planning Emissions Inventories

South Coast Air Basin ROG Emissions (out to 3 nautical miles)

Source: CARB 2022 CEPAM v1.01, adjusted for commercial harbor craft and military aircraft emissions beyond 3 nautical miles that were inadvertently included in the 2022 AQMP RFP table

Stationary Sources (ROG)

| SUMMARY CATEGORY NAME | 2017 | 2023 | 2026 | 2029 | 2032 | 2035 | 2037 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ELECTRIC UTILITIES | 0.39 | 0.35 | 0.32 | 0.28 | 0.27 | 0.27 | 0.27 |
| COGENERATION | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| OIL AND GAS PRODUCTION (COMBUSTION) | 0.09 | 0.14 | 0.16 | 0.17 | 0.18 | 0.19 | 0.19 |
| PETROLEUM REFINING (COMBUSTION) | 1.25 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 | 1.38 |
| MANUFACTURING AND INDUSTRIAL | 0.91 | 0.95 | 0.97 | 0.96 | 0.95 | 0.94 | 0.93 |
| FOOD AND AGRICULTURAL PROCESSING | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| SERVICE AND COMMERCIAL | 1.89 | 1.95 | 1.97 | 1.99 | 2.01 | 2.02 | 2.04 |
| OTHER (FUEL COMBUSTION) | 0.68 | 0.66 | 0.68 | 0.69 | 0.69 | 0.69 | 0.69 |
| TOTAL FUEL COMBUSTION | 5.27 | 5.51 | 5.55 | 5.55 | 5.55 | 5.56 | 5.57 |
| SEWAGE TREATMENT | 0.36 | 0.28 | 0.29 | 0.29 | 0.30 | 0.30 | 0.31 |
| LANDFILLS | 8.52 | 8.96 | 9.15 | 9.32 | 9.48 | 9.64 | 9.73 |
| INCINERATORS | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| SOIL REMEDIATION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OTHER (WASTE DISPOSAL) | 7.67 | 7.83 | 7.93 | 8.02 | 8.08 | 8.12 | 8.14 |
| TOTAL WASTE DISPOSAL | 16.60 | 17.12 | 17.41 | 17.68 | 17.90 | 18.10 | 18.22 |
| LAUNDERING | 0.17 | 0.17 | 0.18 | 0.18 | 0.18 | 0.19 | 0.19 |
| DEGREASING | 12.50 | 13.35 | 13.63 | 13.79 | 13.70 | 13.60 | 13.54 |
| COATINGS AND RELATED PROCESS SOLVENTS | 17.52 | 19.32 | 19.95 | 20.58 | 20.74 | 20.90 | 21.01 |
| PRINTING | 0.82 | 0.81 | 0.84 | 0.87 | 0.88 | 0.89 | 0.89 |
| ADHESIVES AND SEALANTS | 4.96 | 4.58 | 4.67 | 4.71 | 4.68 | 4.64 | 4.62 |
| OTHER (CLEANING AND SURFACE COATINGS) | 0.61 | 0.65 | 0.66 | 0.66 | 0.66 | 0.65 | 0.65 |
| TOTAL CLEANING AND SURFACE COATINGS | 36.58 | 38.87 | 39.93 | 40.79 | 40.84 | 40.88 | 40.90 |
| OIL AND GAS PRODUCTION | 2.25 | 2.95 | 3.35 | 3.77 | 4.00 | 4.28 | 4.47 |
| PETROLEUM REFINING | 4.40 | 4.44 | 4.44 | 4.44 | 4.44 | 4.44 | 4.44 |
| PETROLEUM MARKETING | 14.21 | 12.63 | 12.01 | 11.61 | 11.34 | 11.21 | 11.16 |
| OTHER (PETROLEUM PRODUCTION AND MARKETING) | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| TOTAL PETROLEUM PRODUCTION AND MARKETING | 20.90 | 20.06 | 19.84 | 19.86 | 19.82 | 19.97 | 20.11 |
| CHEMICAL | 4.23 | 4.57 | 4.65 | 4.71 | 4.67 | 4.63 | 4.60 |
| FOOD AND AGRICULTURE | 0.58 | 0.54 | 0.56 | 0.57 | 0.58 | 0.58 | 0.58 |
| MINERAL PROCESSES | 0.35 | 0.42 | 0.43 | 0.44 | 0.45 | 0.45 | 0.46 |
| METAL PROCESSES | 0.09 | 0.11 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 |
| WOOD AND PAPER | 0.23 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.26 |
| GLASS AND RELATED PRODUCTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ELECTRONICS | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| OTHER (INDUSTRIAL PROCESSES) | 5.09 | 5.16 | 5.21 | 5.27 | 5.31 | 5.35 | 5.37 |
| TOTAL INDUSTRIAL PROCESSES | 10.58 | 11.06 | 11.25 | 11.40 | 11.40 | 11.41 | 11.41 |
| TOTAL STATIONARY | 89.93 | 92.62 | 93.97 | 95.28 | 95.52 | 95.91 | 96.21 |

Areawide Source (ROG)

| SUMMARY CATEGORY NAME | 2017 | 2023 | 2026 | 2029 | 2032 | 2035 | 2037 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| CONSUMER PRODUCTS | 105.39 | 111.99 | 116.33 | 120.17 | 125.02 | 129.34 | 132.42 |
| ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENTS | 10.51 | 11.24 | 11.53 | 11.78 | 12.04 | 12.29 | 12.44 |
| PESTICIDES/FERTILIZERS | 1.11 | 1.16 | 1.17 | 1.18 | 1.19 | 1.20 | 1.20 |
| ASPHALT PAVING / ROOFING | 1.15 | 1.26 | 1.30 | 1.33 | 1.36 | 1.39 | 1.41 |
| TOTAL SOLVENT EVAPORATION | 118.16 | 125.64 | 130.32 | 134.46 | 139.60 | 144.22 | 147.48 |
| RESIDENTIAL FUEL COMBUSTION | 2.25 | 2.31 | 2.28 | 2.25 | 2.23 | 2.23 | 2.23 |
| FARMING OPERATIONS | 2.00 | 1.42 | 1.39 | 1.36 | 1.33 | 1.32 | 1.30 |
| CONSTRUCTION AND DEMOLITION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PAVED ROAD DUST | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| UNPAVED ROAD DUST | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUGITIVE WINDBLOWN DUST | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FIRES | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 |
| MANAGED BURNING AND DISPOSAL | 0.21 | 0.23 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 |
| COOKING | 1.07 | 1.12 | 1.14 | 1.16 | 1.18 | 1.20 | 1.21 |
| OTHER (MISCELLANEOUS PROCESSES) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RECLAIM* | | 0.00 | | | | | |
| TOTAL MISCELLANEOUS PROCESSES | 5.82 | 5.36 | 5.32 | 5.28 | 5.26 | 5.26 | 5.26 |
| TOTAL AREAWIDE | 123.97 | 131.00 | 135.64 | 139.74 | 144.87 | 149.48 | 152.74 |

Mobile Sources (ROG)

| SUMMARY CATEGORY NAME | 2017 | 2023 | 2026 | 2029 | 2032 | 2035 | 2037 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| LIGHT DUTY PASSENGER (LDA) | 33.54 | 20.34 | 17.22 | 15.19 | 13.39 | 12.04 | 11.31 |
| LIGHT DUTY TRUCKS - 1 (LDT1) | 8.67 | 5.41 | 4.44 | 3.69 | 2.91 | 2.42 | 2.19 |
| LIGHT DUTY TRUCKS - 2 (LDT2) | 15.97 | 11.00 | 9.67 | 8.68 | 7.66 | 6.73 | 6.21 |
| MEDIUM DUTY TRUCKS (MDV) | 13.93 | 9.10 | 7.63 | 6.65 | 5.82 | 5.21 | 4.93 |
| LIGHT HEAVY DUTY GAS TRUCKS - 1 (LHDGT1) | 2.80 | 1.55 | 1.26 | 1.10 | 0.88 | 0.56 | 0.51 |
| LIGHT HEAVY DUTY GAS TRUCKS - 2 (LHDGT2) | 0.39 | 0.23 | 0.18 | 0.14 | 0.11 | 0.09 | 0.08 |
| MEDIUM HEAVY DUTY GAS TRUCKS (MHDGT) | 0.56 | 0.34 | 0.29 | 0.26 | 0.24 | 0.22 | 0.21 |
| HEAVY HEAVY DUTY GAS TRUCKS (HHDGT) | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LIGHT HEAVY DUTY DIESEL TRUCKS - 1 (LHDDT1) | 0.28 | 0.18 | 0.15 | 0.13 | 0.11 | 0.10 | 0.10 |
| LIGHT HEAVY DUTY DIESEL TRUCKS - 2 (LHDDT2) | 0.10 | 0.07 | 0.06 | 0.05 | 0.04 | 0.04 | 0.04 |
| MEDIUM HEAVY DUTY DIESEL TRUCKS (MHDDT) | 1.29 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 |
| HEAVY HEAVY DUTY DIESEL TRUCKS (HHDDT) | 2.56 | 0.79 | 0.83 | 0.84 | 0.84 | 0.85 | 0.86 |
| MOTORCYCLES (MCY) | 8.14 | 8.54 | 8.61 | 8.73 | 8.80 | 9.01 | 9.19 |
| HEAVY DUTY DIESEL URBAN BUSES (UBD) | 0.26 | 0.06 | 0.06 | 0.05 | 0.04 | 0.03 | 0.02 |
| HEAVY DUTY GAS URBAN BUSES (UBG) | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SCHOOL BUSES - GAS (SBG) | 0.04 | 0.05 | 0.05 | 0.06 | 0.06 | 0.06 | 0.07 |
| SCHOOL BUSES - DIESEL (SBD) | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 |
| OTHER BUSES - GAS (OBG) | 0.11 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.07 |
| OTHER BUSES - MOTOR COACH - DIESEL (OBC) | 0.05 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| ALL OTHER BUSES - DIESEL (OBD) | 0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MOTOR HOMES (MH) | 0.09 | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 |
| TOTAL ON-ROAD MOTOR VEHICLES | 88.90 | 57.89 | 50.67 | 45.78 | 41.11 | 37.53 | 35.88 |
| AIRCRAFT | 3.83 | 3.35 | 3.55 | 3.65 | 3.78 | 3.79 | 3.79 |
| TRAINS | 0.66 | 0.69 | 0.70 | 0.72 | 0.71 | 0.67 | 0.61 |
| OCEAN GOING VESSELS | 8.54 | 8.51 | 8.59 | 8.66 | 8.73 | 8.80 | 8.82 |
| COMMERCIAL HARBOR CRAFT | 0.22 | 0.22 | 0.22 | 0.21 | 0.20 | 0.19 | 0.19 |
| RECREATIONAL BOATS | 23.51 | 18.10 | 16.01 | 14.29 | 12.84 | 11.60 | 10.76 |
| OFF-ROAD RECREATIONAL VEHICLES | 1.64 | 1.41 | 1.27 | 1.08 | 0.94 | 0.83 | 0.77 |
| OFF-ROAD EQUIPMENT | 61.10 | 55.61 | 46.37 | 35.54 | 28.52 | 23.73 | 21.24 |
| OFF-ROAD EQUIPMENT (PERP) | 0.80 | 0.53 | 0.49 | 0.48 | 0.50 | 0.52 | 0.54 |
| FARM EQUIPMENT | 0.71 | 0.30 | 0.24 | 0.20 | 0.16 | 0.13 | 0.11 |
| FUEL STORAGE AND HANDLING | 8.82 | 7.17 | 6.64 | 6.27 | 6.06 | 5.99 | 6.00 |
| TOTAL OTHER MOBILE SOURCES | 109.84 | 95.89 | 84.08 | 71.11 | 62.43 | 56.24 | 52.84 |
| TOTAL MOBILE | 198.75 | 153.78 | 134.75 | 116.89 | 103.54 | 93.76 | 88.72 |
| GRAND TOTAL | 412.65 | 377.39 | 364.36 | 351.90 | 343.92 | 339.15 | 337.67 |

South Coast Air Basin NOx Emissions (out to 3 nautical miles)

Source: CARB 2022 CEPAM v1.01, adjusted for commercial harbor craft and military aircraft emissions beyond 3 nautical miles that were inadvertently included in the 2022 AQMP RFP table

Stationary Sources (NOx)

| SUMMARY CATEGORY NAME | 2017 | 2023 | 2026 | 2029 | 2032 | 2035 | 2037 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ELECTRIC UTILITIES | 2.35 | 0.67 | 3.13 | 2.74 | 2.57 | 2.54 | 2.56 |
| COGENERATION | 0.09 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 |
| OIL AND GAS PRODUCTION (COMBUSTION) | 1.17 | 0.67 | 0.87 | 0.93 | 0.96 | 0.96 | 0.97 |
| PETROLEUM REFINING (COMBUSTION) | 10.15 | 0.00 | 5.34 | 4.51 | 4.15 | 3.90 | 3.90 |
| MANUFACTURING AND INDUSTRIAL | 10.33 | 6.61 | 8.38 | 8.24 | 8.10 | 7.93 | 7.86 |
| FOOD AND AGRICULTURAL PROCESSING | 0.41 | 0.23 | 0.42 | 0.43 | 0.42 | 0.40 | 0.40 |
| SERVICE AND COMMERCIAL | 8.95 | 8.74 | 9.82 | 9.90 | 9.95 | 9.94 | 9.99 |
| OTHER (FUEL COMBUSTION) | 3.16 | 2.59 | 2.68 | 2.68 | 2.68 | 2.68 | 2.68 |
| TOTAL FUEL COMBUSTION | 36.60 | 19.53 | 30.65 | 29.43 | 28.84 | 28.36 | 28.38 |
| SEWAGE TREATMENT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LANDFILLS | 0.41 | 0.45 | 0.40 | 0.41 | 0.41 | 0.42 | 0.42 |
| INCINERATORS | 1.32 | 1.02 | 1.21 | 1.23 | 1.24 | 1.25 | 1.25 |
| SOIL REMEDIATION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OTHER (WASTE DISPOSAL) | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| TOTAL WASTE DISPOSAL | 1.74 | 1.48 | 1.63 | 1.65 | 1.66 | 1.67 | 1.68 |
| LAUNDERING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DEGREASING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| COATINGS AND RELATED PROCESS SOLVENTS | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PRINTING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADHESIVES AND SEALANTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OTHER (CLEANING AND SURFACE COATINGS) | 0.06 | 0.01 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| TOTAL CLEANING AND SURFACE COATINGS | 0.06 | 0.01 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| OIL AND GAS PRODUCTION | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| PETROLEUM REFINING | 1.01 | 0.22 | 0.68 | 0.61 | 0.58 | 0.55 | 0.55 |
| PETROLEUM MARKETING | 0.05 | 0.00 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| OTHER (PETROLEUM PRODUCTION AND MARKETING) | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| TOTAL PETROLEUM PRODUCTION AND MARKETING | 1.09 | 0.24 | 0.72 | 0.65 | 0.61 | 0.59 | 0.59 |
| CHEMICAL | 0.10 | 0.03 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 |
| FOOD AND AGRICULTURE | 0.01 | 0.01 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| MINERAL PROCESSES | 0.37 | 0.02 | 0.47 | 0.48 | 0.47 | 0.47 | 0.47 |
| METAL PROCESSES | 0.25 | 0.06 | 0.32 | 0.33 | 0.33 | 0.34 | 0.34 |
| WOOD AND PAPER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GLASS AND RELATED PRODUCTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ELECTRONICS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OTHER (INDUSTRIAL PROCESSES) | 0.01 | 0.01 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| TOTAL INDUSTRIAL PROCESSES | 0.74 | 0.12 | 0.93 | 0.94 | 0.94 | 0.94 | 0.94 |
| TOTAL STATIONARY | 40.22 | 21.39 | 33.98 | 32.72 | 32.10 | 31.61 | 31.64 |

Areawide Sources (NO_x)

| SUMMARY CATEGORY NAME | 2017 | 2023 | 2026 | 2029 | 2032 | 2035 | 2037 |
|---|-------|-------|-------|-------|-------|------|------|
| CONSUMER PRODUCTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PESTICIDES/FERTILIZERS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ASPHALT PAVING / ROOFING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL SOLVENT EVAPORATION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RESIDENTIAL FUEL COMBUSTION | 11.39 | 11.69 | 10.97 | 10.28 | 9.85 | 9.65 | 9.51 |
| FARMING OPERATIONS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CONSTRUCTION AND DEMOLITION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PAVED ROAD DUST | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| UNPAVED ROAD DUST | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUGITIVE WINDBLOWN DUST | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FIRES | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| MANAGED BURNING AND DISPOSAL | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 |
| COOKING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OTHER (MISCELLANEOUS PROCESSES) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RECLAIM* | | 15.05 | | | | | |
| TOTAL MISCELLANEOUS PROCESSES | 11.55 | 26.91 | 11.15 | 10.46 | 10.03 | 9.82 | 9.69 |
| TOTAL AREAWIDE | 11.55 | 26.91 | 11.15 | 10.46 | 10.03 | 9.82 | 9.69 |

Mobile Sources (NOx)

| SUMMARY CATEGORY NAME | 2017 | 2023 | 2026 | 2029 | 2032 | 2035 | 2037 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| LIGHT DUTY PASSENGER (LDA) | 24.32 | 11.84 | 9.33 | 8.08 | 7.35 | 7.01 | 6.92 |
| LIGHT DUTY TRUCKS - 1 (LDT1) | 6.05 | 2.99 | 2.21 | 1.71 | 1.31 | 1.11 | 1.05 |
| LIGHT DUTY TRUCKS - 2 (LDT2) | 15.85 | 7.25 | 5.42 | 4.38 | 3.69 | 3.24 | 3.02 |
| MEDIUM DUTY TRUCKS (MDV) | 14.10 | 6.29 | 4.31 | 3.22 | 2.59 | 2.25 | 2.13 |
| LIGHT HEAVY DUTY GAS TRUCKS - 1 (LHDGT1) | 2.39 | 1.20 | 0.90 | 0.69 | 0.55 | 0.47 | 0.42 |
| LIGHT HEAVY DUTY GAS TRUCKS - 2 (LHDGT2) | 0.37 | 0.20 | 0.15 | 0.12 | 0.10 | 0.09 | 0.08 |
| MEDIUM HEAVY DUTY GAS TRUCKS (MHDGT) | 1.02 | 0.46 | 0.33 | 0.25 | 0.20 | 0.16 | 0.14 |
| HEAVY HEAVY DUTY GAS TRUCKS (HHDGT) | 0.06 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| LIGHT HEAVY DUTY DIESEL TRUCKS - 1 (LHDDT1) | 8.57 | 3.93 | 2.64 | 1.73 | 1.14 | 0.77 | 0.58 |
| LIGHT HEAVY DUTY DIESEL TRUCKS - 2 (LHDDT2) | 2.83 | 1.33 | 0.92 | 0.64 | 0.46 | 0.34 | 0.28 |
| MEDIUM HEAVY DUTY DIESEL TRUCKS (MHDDT) | 24.55 | 9.13 | 7.63 | 6.73 | 5.83 | 4.97 | 4.46 |
| HEAVY HEAVY DUTY DIESEL TRUCKS (HHDDT) | 60.66 | 33.23 | 20.84 | 17.50 | 15.55 | 14.21 | 13.69 |
| MOTORCYCLES (MCY) | 1.87 | 2.04 | 2.07 | 2.10 | 2.10 | 2.13 | 2.16 |
| HEAVY DUTY DIESEL URBAN BUSES (UBD) | 2.11 | 0.31 | 0.31 | 0.30 | 0.21 | 0.15 | 0.11 |
| HEAVY DUTY GAS URBAN BUSES (UBG) | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 |
| SCHOOL BUSES - GAS (SBG) | 0.06 | 0.05 | 0.05 | 0.05 | 0.04 | 0.03 | 0.03 |
| SCHOOL BUSES - DIESEL (SBD) | 2.18 | 1.83 | 1.59 | 1.33 | 1.05 | 0.81 | 0.68 |
| OTHER BUSES - GAS (OBG) | 0.25 | 0.14 | 0.11 | 0.08 | 0.07 | 0.06 | 0.05 |
| OTHER BUSES - MOTOR COACH - DIESEL (OBC) | 0.91 | 0.31 | 0.20 | 0.18 | 0.16 | 0.13 | 0.12 |
| ALL OTHER BUSES - DIESEL (OBD) | 0.99 | 0.35 | 0.35 | 0.36 | 0.37 | 0.37 | 0.36 |
| MOTOR HOMES (MH) | 0.76 | 0.54 | 0.48 | 0.44 | 0.41 | 0.38 | 0.37 |
| TOTAL ON-ROAD MOTOR VEHICLES | 169.93 | 83.48 | 59.89 | 49.93 | 43.21 | 38.69 | 36.69 |
| AIRCRAFT | 16.58 | 17.56 | 20.43 | 22.98 | 25.26 | 26.41 | 27.17 |
| TRAINS | 14.78 | 16.13 | 16.69 | 17.54 | 17.75 | 16.94 | 15.50 |
| OCEAN GOING VESSELS | 10.94 | 9.80 | 9.64 | 9.94 | 10.36 | 10.82 | 9.98 |
| COMMERCIAL HARBOR CRAFT | 3.45 | 3.32 | 3.33 | 3.29 | 3.23 | 3.15 | 3.10 |
| RECREATIONAL BOATS | 3.91 | 3.64 | 3.54 | 3.46 | 3.41 | 3.37 | 3.35 |
| OFF-ROAD RECREATIONAL VEHICLES | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 |
| OFF-ROAD EQUIPMENT | 64.72 | 37.41 | 31.70 | 26.87 | 23.72 | 21.02 | 19.83 |
| OFF-ROAD EQUIPMENT (PERP) | 9.57 | 5.16 | 4.16 | 3.58 | 3.48 | 3.40 | 3.43 |
| FARM EQUIPMENT | 2.62 | 0.61 | 0.52 | 0.44 | 0.37 | 0.32 | 0.28 |
| FUEL STORAGE AND HANDLING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL OTHER MOBILE SOURCES | 126.60 | 93.67 | 90.05 | 88.14 | 87.62 | 85.47 | 82.68 |
| TOTAL MOBILE | 296.52 | 177.16 | 149.94 | 138.07 | 130.83 | 124.17 | 119.36 |
| GRAND TOTAL | 348.30 | 225.46 | 195.06 | 181.24 | 172.96 | 165.60 | 160.69 |

Coachella Valley ROG Emissions (Riverside County, Salton Sea Air Basin)

Source: CARB 2022 CEPAM v1.01

Stationary Sources (ROG)

| SUMMARY CATEGORY NAME | 2017 | 2023 | 2026 | 2029 | 2032 | 2035 | 2037 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| ELECTRIC UTILITIES | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| COGENERATION | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| OIL AND GAS PRODUCTION (COMBUSTION) | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| PETROLEUM REFINING (COMBUSTION) | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| MANUFACTURING AND INDUSTRIAL | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| FOOD AND AGRICULTURAL PROCESSING | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| SERVICE AND COMMERCIAL | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.06 | 0.06 |
| OTHER (FUEL COMBUSTION) | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| TOTAL FUEL COMBUSTION | 0.10 | 0.10 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| SEWAGE TREATMENT | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| LANDFILLS | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| INCINERATORS | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| SOIL REMEDIATION | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| OTHER (WASTE DISPOSAL) | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| TOTAL WASTE DISPOSAL | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| LAUNDERING | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| DEGREASING | 0.25 | 0.30 | 0.31 | 0.32 | 0.32 | 0.32 | 0.33 |
| COATINGS AND RELATED PROCESS SOLVENTS | 1.19 | 1.47 | 1.56 | 1.6 | 1.64 | 1.68 | 1.71 |
| PRINTING | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 |
| ADHESIVES AND SEALANTS | 0.13 | 0.14 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 |
| OTHER (CLEANING AND SURFACE COATINGS) | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| TOTAL CLEANING AND SURFACE COATINGS | 1.62 | 1.97 | 2.08 | 2.15 | 2.18 | 2.23 | 2.26 |
| OIL AND GAS PRODUCTION | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| PETROLEUM REFINING | 0.37 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| PETROLEUM MARKETING | 0.00 | 0.33 | 0.32 | 0.31 | 0.32 | 0.32 | 0.32 |
| OTHER (PETROLEUM PRODUCTION AND MARKETING) | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| TOTAL PETROLEUM PRODUCTION AND MARKETING | 0.37 | 0.33 | 0.32 | 0.31 | 0.32 | 0.32 | 0.32 |
| CHEMICAL | 0.11 | 0.14 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 |
| FOOD AND AGRICULTURE | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 |
| MINERAL PROCESSES | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| METAL PROCESSES | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| WOOD AND PAPER | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| GLASS AND RELATED PRODUCTS | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| ELECTRONICS | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| OTHER (INDUSTRIAL PROCESSES) | 0.07 | 0.07 | 0.08 | 0.08 | 0.08 | 0.09 | 0.09 |
| TOTAL INDUSTRIAL PROCESSES | 0.23 | 0.27 | 0.28 | 0.29 | 0.3 | 0.3 | 0.31 |
| TOTAL STATIONARY | 2.34 | 2.68 | 2.82 | 2.87 | 2.92 | 2.99 | 3.03 |

Areawide Sources (ROG)

| SUMMARY CATEGORY NAME | 2017 | 2023 | 2026 | 2029 | 2032 | 2035 | 2037 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| CONSUMER PRODUCTS | 2.96 | 3.26 | 3.46 | 3.64 | 3.86 | 4.06 | 4.19 |
| ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENTS | 0.29 | 0.34 | 0.36 | 0.38 | 0.4 | 0.42 | 0.44 |
| PESTICIDES/FERTILIZERS | 0.25 | 0.22 | 0.22 | 0.22 | 0.22 | 0.23 | 0.23 |
| ASPHALT PAVING / ROOFING | 0.06 | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| TOTAL SOLVENT EVAPORATION | 3.57 | 3.90 | 4.12 | 4.32 | 4.57 | 4.79 | 4.94 |
| RESIDENTIAL FUEL COMBUSTION | 0.09 | 0.10 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| FARMING OPERATIONS | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 |
| CONSTRUCTION AND DEMOLITION | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| PAVED ROAD DUST | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| UNPAVED ROAD DUST | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| FUGITIVE WINDBLOWN DUST | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| FIRES | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| MANAGED BURNING AND DISPOSAL | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| COOKING | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| OTHER (MISCELLANEOUS PROCESSES) | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| RECLAIM* | | 0.00 | | | | | |
| TOTAL MISCELLANEOUS PROCESSES | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.21 | 0.22 |
| TOTAL AREAWIDE | 3.78 | 4.11 | 4.34 | 4.54 | 4.78 | 5.01 | 5.16 |

Mobile Sources (ROG)

| SUMMARY CATEGORY NAME | 2017 | 2023 | 2026 | 2029 | 2032 | 2035 | 2037 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| LIGHT DUTY PASSENGER (LDA) | 1.20 | 0.80 | 0.7 | 0.63 | 0.57 | 0.5 | 0.47 |
| LIGHT DUTY TRUCKS - 1 (LDT1) | 0.39 | 0.26 | 0.21 | 0.18 | 0.14 | 0.11 | 0.1 |
| LIGHT DUTY TRUCKS - 2 (LDT2) | 0.62 | 0.50 | 0.46 | 0.43 | 0.39 | 0.34 | 0.32 |
| MEDIUM DUTY TRUCKS (MDV) | 0.60 | 0.45 | 0.4 | 0.36 | 0.33 | 0.29 | 0.28 |
| LIGHT HEAVY DUTY GAS TRUCKS - 1 (LHDGT1) | 0.10 | 0.05 | 0.04 | 0.04 | 0.04 | 0.03 | 0.02 |
| LIGHT HEAVY DUTY GAS TRUCKS - 2 (LHDGT2) | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0 | 0 |
| MEDIUM HEAVY DUTY GAS TRUCKS (MHDGT) | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| HEAVY HEAVY DUTY GAS TRUCKS (HHDGT) | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| LIGHT HEAVY DUTY DIESEL TRUCKS - 1 (LHDDT1) | 0.01 | 0.01 | 0.01 | 0 | 0 | 0 | 0 |
| LIGHT HEAVY DUTY DIESEL TRUCKS - 2 (LHDDT2) | 0.01 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| MEDIUM HEAVY DUTY DIESEL TRUCKS (MHDDT) | 0.05 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| HEAVY HEAVY DUTY DIESEL TRUCKS (HHDDT) | 0.26 | 0.12 | 0.13 | 0.14 | 0.14 | 0.15 | 0.15 |
| MOTORCYCLES (MCY) | 0.35 | 0.41 | 0.42 | 0.44 | 0.46 | 0.46 | 0.47 |
| HEAVY DUTY DIESEL URBAN BUSES (UBD) | 0.01 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| HEAVY DUTY GAS URBAN BUSES (UBG) | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| SCHOOL BUSES - GAS (SBG) | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| SCHOOL BUSES - DIESEL (SBD) | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| OTHER BUSES - GAS (OBG) | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| OTHER BUSES - MOTOR COACH - DIESEL (OBC) | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| ALL OTHER BUSES - DIESEL (OBD) | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| MOTOR HOMES (MH) | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| TOTAL ON-ROAD MOTOR VEHICLES | 3.64 | 2.65 | 2.41 | 2.26 | 2.1 | 1.9 | 1.86 |
| AIRCRAFT | 0.10 | 0.08 | 0.08 | 0.08 | 0.09 | 0.09 | 0.09 |
| TRAINS | 0.16 | 0.18 | 0.18 | 0.18 | 0.18 | 0.17 | 0.14 |
| OCEAN GOING VESSELS | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| COMMERCIAL HARBOR CRAFT | 0.00 | 0.00 | 0 | 0 | 0 | 0 | 0 |
| RECREATIONAL BOATS | 0.81 | 0.62 | 0.55 | 0.48 | 0.43 | 0.39 | 0.36 |
| OFF-ROAD RECREATIONAL VEHICLES | 0.14 | 0.12 | 0.11 | 0.09 | 0.08 | 0.07 | 0.06 |
| OFF-ROAD EQUIPMENT | 2.11 | 1.80 | 1.51 | 1.17 | 0.94 | 0.79 | 0.71 |
| OFF-ROAD EQUIPMENT (PERP) | 0.05 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| FARM EQUIPMENT | 0.09 | 0.09 | 0.07 | 0.06 | 0.05 | 0.05 | 0.04 |
| FUEL STORAGE AND HANDLING | 0.26 | 0.23 | 0.22 | 0.22 | 0.22 | 0.22 | 0.23 |
| TOTAL OTHER MOBILE SOURCES | 3.73 | 3.14 | 2.74 | 2.32 | 2.01 | 1.79 | 1.66 |
| TOTAL MOBILE | 7.37 | 5.79 | 5.15 | 4.58 | 4.11 | 3.69 | 3.52 |
| GRAND TOTAL | 13.48 | 12.58 | 12.31 | 11.99 | 11.81 | 11.69 | 11.71 |

Coachella Valley NOx Emissions (Riverside County, Salton Sea Air Basin)

Source: CARB 2022 CEPAM v1.01

Stationary Sources (NOx)

| SUMMARY CATEGORY NAME | 2017 | 2023 | 2026 | 2029 | 2032 | 2035 | 2037 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| ELECTRIC UTILITIES | 0.63 | 0.59 | 0.80 | 0.71 | 0.67 | 0.68 | 0.68 |
| COGENERATION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OIL AND GAS PRODUCTION (COMBUSTION) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PETROLEUM REFINING (COMBUSTION) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MANUFACTURING AND INDUSTRIAL | 0.11 | 0.11 | 0.12 | 0.11 | 0.11 | 0.11 | 0.11 |
| FOOD AND AGRICULTURAL PROCESSING | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SERVICE AND COMMERCIAL | 0.22 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 |
| OTHER (FUEL COMBUSTION) | 0.09 | 0.07 | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 |
| TOTAL FUEL COMBUSTION | 1.05 | 1.02 | 1.24 | 1.14 | 1.10 | 1.11 | 1.11 |
| SEWAGE TREATMENT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LANDFILLS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| INCINERATORS | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| SOIL REMEDIATION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OTHER (WASTE DISPOSAL) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL WASTE DISPOSAL | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| LAUNDERING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DEGREASING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| COATINGS AND RELATED PROCESS SOLVENTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PRINTING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADHESIVES AND SEALANTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OTHER (CLEANING AND SURFACE COATINGS) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL CLEANING AND SURFACE COATINGS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OIL AND GAS PRODUCTION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PETROLEUM REFINING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PETROLEUM MARKETING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OTHER (PETROLEUM PRODUCTION AND MARKETING) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL PETROLEUM PRODUCTION AND MARKETING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CHEMICAL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FOOD AND AGRICULTURE | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MINERAL PROCESSES | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| METAL PROCESSES | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| WOOD AND PAPER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GLASS AND RELATED PRODUCTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ELECTRONICS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OTHER (INDUSTRIAL PROCESSES) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL INDUSTRIAL PROCESSES | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL STATIONARY | 1.06 | 1.03 | 1.24 | 1.15 | 1.11 | 1.12 | 1.12 |

Areawide Sources (NOx)

| SUMMARY CATEGORY NAME | 2017 | 2023 | 2026 | 2029 | 2032 | 2035 | 2037 |
|---|------|------|------|------|------|------|------|
| CONSUMER PRODUCTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ARCHITECTURAL COATINGS AND RELATED PROCESS SOLVENTS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PESTICIDES/FERTILIZERS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ASPHALT PAVING / ROOFING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL SOLVENT EVAPORATION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RESIDENTIAL FUEL COMBUSTION | 0.29 | 0.31 | 0.29 | 0.28 | 0.27 | 0.27 | 0.27 |
| FARMING OPERATIONS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CONSTRUCTION AND DEMOLITION | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| PAVED ROAD DUST | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| UNPAVED ROAD DUST | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUGITIVE WINDBLOWN DUST | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FIRES | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MANAGED BURNING AND DISPOSAL | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| COOKING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OTHER (MISCELLANEOUS PROCESSES) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RECLAIM* | | 0.24 | | | | | |
| TOTAL MISCELLANEOUS PROCESSES | 0.29 | 0.56 | 0.30 | 0.28 | 0.28 | 0.28 | 0.28 |
| TOTAL AREAWIDE | 0.29 | 0.56 | 0.30 | 0.28 | 0.28 | 0.28 | 0.28 |

Mobile Sources (NOx)

| SUMMARY CATEGORY NAME | 2017 | 2023 | 2026 | 2029 | 2032 | 2035 | 2037 |
|---|--------------|--------------|--------------|--------------|--------------|-------------|-------------|
| LIGHT DUTY PASSENGER (LDA) | 0.65 | 0.37 | 0.30 | 0.27 | 0.25 | 0.23 | 0.23 |
| LIGHT DUTY TRUCKS - 1 (LDT1) | 0.24 | 0.13 | 0.09 | 0.07 | 0.06 | 0.05 | 0.04 |
| LIGHT DUTY TRUCKS - 2 (LDT2) | 0.56 | 0.30 | 0.23 | 0.19 | 0.16 | 0.14 | 0.13 |
| MEDIUM DUTY TRUCKS (MDV) | 0.56 | 0.28 | 0.19 | 0.15 | 0.12 | 0.10 | 0.10 |
| LIGHT HEAVY DUTY GAS TRUCKS - 1 (LHDGT1) | 0.08 | 0.04 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 |
| LIGHT HEAVY DUTY GAS TRUCKS - 2 (LHDGT2) | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| MEDIUM HEAVY DUTY GAS TRUCKS (MHDGT) | 0.06 | 0.03 | 0.03 | 0.02 | 0.02 | 0.01 | 0.01 |
| HEAVY HEAVY DUTY GAS TRUCKS (HHDGT) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LIGHT HEAVY DUTY DIESEL TRUCKS - 1 (LHDDT1) | 0.38 | 0.17 | 0.12 | 0.08 | 0.05 | 0.04 | 0.03 |
| LIGHT HEAVY DUTY DIESEL TRUCKS - 2 (LHDDT2) | 0.15 | 0.07 | 0.05 | 0.03 | 0.02 | 0.02 | 0.02 |
| MEDIUM HEAVY DUTY DIESEL TRUCKS (MHDDT) | 1.00 | 0.37 | 0.31 | 0.27 | 0.24 | 0.21 | 0.19 |
| HEAVY HEAVY DUTY DIESEL TRUCKS (HHDDT) | 6.47 | 3.87 | 2.01 | 1.70 | 1.59 | 1.57 | 1.59 |
| MOTORCYCLES (MCY) | 0.08 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 |
| HEAVY DUTY DIESEL URBAN BUSES (UBD) | 0.04 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| HEAVY DUTY GAS URBAN BUSES (UBG) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SCHOOL BUSES - GAS (SBG) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SCHOOL BUSES - DIESEL (SBD) | 0.08 | 0.08 | 0.07 | 0.06 | 0.04 | 0.03 | 0.02 |
| OTHER BUSES - GAS (OBG) | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OTHER BUSES - MOTOR COACH - DIESEL (OBC) | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALL OTHER BUSES - DIESEL (OBD) | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| MOTOR HOMES (MH) | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 |
| TOTAL ON-ROAD MOTOR VEHICLES | 10.43 | 5.85 | 3.58 | 3.01 | 2.72 | 2.54 | 2.51 |
| AIRCRAFT | 0.39 | 0.40 | 0.45 | 0.51 | 0.55 | 0.59 | 0.61 |
| TRAINS | 3.47 | 4.07 | 4.19 | 4.41 | 4.47 | 4.23 | 3.71 |
| OCEAN GOING VESSELS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| COMMERCIAL HARBOR CRAFT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RECREATIONAL BOATS | 0.11 | 0.10 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 |
| OFF-ROAD RECREATIONAL VEHICLES | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OFF-ROAD EQUIPMENT | 2.74 | 0.67 | 0.63 | 0.59 | 0.57 | 0.56 | 0.56 |
| OFF-ROAD EQUIPMENT (PERP) | 0.54 | 0.29 | 0.23 | 0.20 | 0.20 | 0.19 | 0.19 |
| FARM EQUIPMENT | 0.38 | 0.34 | 0.29 | 0.24 | 0.21 | 0.18 | 0.16 |
| FUEL STORAGE AND HANDLING | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL OTHER MOBILE SOURCES | 7.64 | 5.88 | 5.90 | 6.06 | 6.09 | 5.84 | 5.33 |
| TOTAL MOBILE | 18.07 | 11.73 | 9.48 | 9.07 | 8.81 | 8.38 | 7.84 |
| GRAND TOTAL | 19.42 | 13.32 | 11.02 | 10.50 | 10.20 | 9.78 | 9.24 |