

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24003 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.402231 | 0.001638 | 0.492331 |
| 2002 | 24003 | BNAA | 2260001030 | 2-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.396581 | 0.001656 | 0.490229 |
| 2002 | 24003 | BNAA | 2260001060 | 2-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.478717 | 0.004581 | 0.020496 |
| 2002 | 24003 | BNAA | 2260002006 | 2-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.107283 | 0.00076 | 0.045682 |
| 2002 | 24003 | BNAA | 2260002009 | 2-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.00517 | 1.11E-05 | 0.002779 |
| 2002 | 24003 | BNAA | 2260002021 | 2-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.006206 | 1.35E-05 | 0.003305 |
| 2002 | 24003 | BNAA | 2260002027 | 2-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 4.63E-05 | 1.17E-07 | 2.41E-05 |
| 2002 | 24003 | BNAA | 2260002039 | 2-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.283488 | 0.001821 | 0.121199 |
| 2002 | 24003 | BNAA | 2260002054 | 2-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.001211 | 3E-06 | 0.000612 |
| 2002 | 24003 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.001543 | 4.04E-06 | 0.000786 |
| 2002 | 24003 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.000122 | 3.18E-07 | 6.11E-05 |
| 2002 | 24003 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.027212 | 5.33E-05 | 0.015961 |
| 2002 | 24003 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.211935 | 0.000421 | 0.116894 |
| 2002 | 24003 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.222177 | 0.000435 | 0.146177 |
| 2002 | 24003 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 1.951296 | 0.012006 | 0.933523 |
| 2002 | 24003 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.512058 | 0.001066 | 0.311554 |
| 2002 | 24003 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 2.106441 | 0.005733 | 1.138186 |
| 2002 | 24003 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.319567 | 0.000634 | 0.198292 |
| 2002 | 24003 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 2.124246 | 0.009128 | 1.036331 |
| 2002 | 24003 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.022551 |
| 2002 | 24003 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.005838 |
| 2002 | 24003 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.000857 | 1.76E-06 | 0.000453 |
| 2002 | 24003 | BNAA | 2260005035 | 2-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.000508 | 1.11E-06 | 0.000279 |
| 2002 | 24003 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.027527 | 5.89E-05 | 0.015013 |
| 2002 | 24003 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.193773 | 0.000468 | 0.101979 |
| 2002 | 24003 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 7.05E-05 | 1.82E-07 | 3.53E-05 |
| 2002 | 24003 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.001112 | 2.84E-06 | 0.000558 |
| 2002 | 24003 | BNAA | 2260007005 | 2-Stroke Gas Eng; Logging Equip; Chain Saws > 6 HP | 0.020088 | 0.000136 | 0.008879 |
| 2002 | 24003 | BNAA | 2265001010 | 4-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.182487 | 0.001938 | 0.019334 |
| 2002 | 24003 | BNAA | 2265001030 | 4-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 1.645033 | 0.017493 | 0.197693 |
| 2002 | 24003 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 2.087553 | 0.01286 | 0.041708 |
| 2002 | 24003 | BNAA | 2265001060 | 4-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.429968 | 0.003365 | 0.021712 |
| 2002 | 24003 | BNAA | 2265002003 | 4-Stroke Gas Eng; Construction & Mining Equip; Pavers | 0.09786 | 0.001161 | 0.002442 |

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| 2002 | 24003 | BNAA | 2265002006 | 4-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.000768 | 6.42E-06 | 2.19E-05 |
| 2002 | 24003 | BNAA | 2265002009 | 4-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.180865 | 0.001383 | 0.009424 |
| 2002 | 24003 | BNAA | 2265002015 | 4-Stroke Gas Eng; Construction & Mining Equip; Rollers | 0.183801 | 0.002005 | 0.003926 |
| 2002 | 24003 | BNAA | 2265002021 | 4-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.354128 | 0.002904 | 0.013939 |
| 2002 | 24003 | BNAA | 2265002024 | 4-Stroke Gas Eng; Construction & Mining Equip; Surfacing Equip | 0.160511 | 0.001208 | 0.00483 |
| 2002 | 24003 | BNAA | 2265002027 | 4-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.008231 | 5.71E-05 | 0.000333 |
| 2002 | 24003 | BNAA | 2265002030 | 4-Stroke Gas Eng; Construction & Mining Equip; Trenchers | 0.300262 | 0.003514 | 0.009525 |
| 2002 | 24003 | BNAA | 2265002033 | 4-Stroke Gas Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.088477 | 0.001105 | 0.005793 |
| 2002 | 24003 | BNAA | 2265002039 | 4-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.741247 | 0.005973 | 0.013938 |
| 2002 | 24003 | BNAA | 2265002042 | 4-Stroke Gas Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.31007 | 0.002256 | 0.015515 |
| 2002 | 24003 | BNAA | 2265002045 | 4-Stroke Gas Eng; Construction & Mining Equip; Cranes | 0.012407 | 0.000578 | 0.000493 |
| 2002 | 24003 | BNAA | 2265002054 | 4-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.043543 | 0.000388 | 0.001269 |
| 2002 | 24003 | BNAA | 2265002057 | 4-Stroke Gas Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.016258 | 0.000998 | 0.000723 |
| 2002 | 24003 | BNAA | 2265002060 | 4-Stroke Gas Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.038976 | 0.002476 | 0.001737 |
| 2002 | 24003 | BNAA | 2265002066 | 4-Stroke Gas Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.233438 | 0.001872 | 0.004799 |
| 2002 | 24003 | BNAA | 2265002072 | 4-Stroke Gas Eng; Construction & Mining Equip; Skid Steer Loaders | 0.103279 | 0.002628 | 0.003444 |
| 2002 | 24003 | BNAA | 2265002078 | 4-Stroke Gas Eng; Construction & Mining Equip; Dumpers/Tenders | 0.04829 | 0.00037 | 0.002285 |
| 2002 | 24003 | BNAA | 2265002081 | 4-Stroke Gas Eng; Construction & Mining Equip; Other Construction Equip | 0.013709 | 0.000866 | 0.000633 |
| 2002 | 24003 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.1524 | 0.005118 | 0.005752 |
| 2002 | 24003 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.344276 | 0.021587 | 0.015082 |
| 2002 | 24003 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.147926 | 0.003839 | 0.00478 |
| 2002 | 24003 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.377977 | 0.003409 | 0.016603 |
| 2002 | 24003 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.01165 | 0.000339 | 0.000411 |
| 2002 | 24003 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.014583 | 0.000114 | 0.000385 |
| 2002 | 24003 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.036204 | 0.002258 | 0.001577 |
| 2002 | 24003 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 5.459355 | 0.039561 | 0.631533 |
| 2002 | 24003 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 7.685852 | 0.054672 | 0.591051 |
| 2002 | 24003 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.459861 | 0.003357 | 0.054487 |
| 2002 | 24003 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 3.744429 | 0.027559 | 0.298251 |
| 2002 | 24003 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.030659 | 0.000227 | 0.003692 |
| 2002 | 24003 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.190907 | 0.001418 | 0.011253 |
| 2002 | 24003 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.058604 | 0.000436 | 0.006519 |
| 2002 | 24003 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 7.639464 | 0.093578 | 0.221969 |

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| 2002 | 24003 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.044978 |
| 2002 | 24003 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.012991 |
| 2002 | 24003 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 1.283911 | 0.010319 | 0.063585 |
| 2002 | 24003 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 0.989216 | 0.007585 | 0.022428 |
| 2002 | 24003 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 1.068131 | 0.008002 | 0.039124 |
| 2002 | 24003 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.42907 | 0.003135 | 0.036763 |
| 2002 | 24003 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 17.07098 | 0.141779 | 0.741691 |
| 2002 | 24003 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 13.30343 | 0.105928 | 0.3003 |
| 2002 | 24003 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 1.766597 | 0.033837 | 0.043252 |
| 2002 | 24003 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 41.15033 | 0.370984 | 1.048318 |
| 2002 | 24003 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.557224 | 0.003888 | 0.03491 |
| 2002 | 24003 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 1.163379 | 0.008231 | 0.073402 |
| 2002 | 24003 | BNAA | 2265005010 | 4-Stroke Gas Eng; Agricultural Equip; 2-Wheel Tractors | 0.001855 | 1.4E-05 | 4.07E-05 |
| 2002 | 24003 | BNAA | 2265005015 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Tractors | 0.00374 | 0.000155 | 0.000129 |
| 2002 | 24003 | BNAA | 2265005020 | 4-Stroke Gas Eng; Agricultural Equip; Combines | 1.58E-05 | 1.03E-06 | 8.17E-07 |
| 2002 | 24003 | BNAA | 2265005025 | 4-Stroke Gas Eng; Agricultural Equip; Balers | 0.001703 | 0.000111 | 9.92E-05 |
| 2002 | 24003 | BNAA | 2265005030 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Mowers | 0.001445 | 1.15E-05 | 4.33E-05 |
| 2002 | 24003 | BNAA | 2265005035 | 4-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.012336 | 0.00018 | 0.000619 |
| 2002 | 24003 | BNAA | 2265005040 | 4-Stroke Gas Eng; Agricultural Equip; Tillers > 6 HP | 0.030684 | 0.000173 | 0.00129 |
| 2002 | 24003 | BNAA | 2265005045 | 4-Stroke Gas Eng; Agricultural Equip; Swathers | 0.002702 | 0.000176 | 0.000144 |
| 2002 | 24003 | BNAA | 2265005055 | 4-Stroke Gas Eng; Agricultural Equip; Other Agricultural Equip | 0.005601 | 0.00021 | 0.000233 |
| 2002 | 24003 | BNAA | 2265005060 | 4-Stroke Gas Eng; Agricultural Equip; Irrigation Sets | 0.005262 | 0.000307 | 0.000235 |
| 2002 | 24003 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 8.153481 | 0.063896 | 0.340344 |
| 2002 | 24003 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 1.883993 | 0.019334 | 0.089686 |
| 2002 | 24003 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 0.935933 | 0.013321 | 0.035312 |
| 2002 | 24003 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 2.351352 | 0.024066 | 0.05998 |
| 2002 | 24003 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 3.570931 | 0.028186 | 0.16469 |
| 2002 | 24003 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.180738 | 0.001406 | 0.005485 |
| 2002 | 24003 | BNAA | 2265007010 | 2-Stroke Gas Eng; Logging Equip; Shredders > 6 HP | 0.045536 | 0.000327 | 0.001991 |
| 2002 | 24003 | BNAA | 2265007015 | 2-Stroke Gas Eng; Logging Equip; Feller-Bunch-Skidder | 0.000546 | 3.69E-06 | 2.64E-05 |
| 2002 | 24003 | BNAA | 2265008005 | 4-Stroke Gas Eng; Airport Ground Support Equip; Airport Ground Support Equip | 0.003517 | 0.000121 | 0.000144 |
| 2002 | 24003 | BNAA | 2267001060 | LPG Eng; Recreational Equip; Specialty Vehicles/Carts | 0.004583 | 0.001146 | 0.00031 |
| 2002 | 24003 | BNAA | 2267002003 | LPG Eng; Construction & Mining Equip; Pavers | 0.002575 | 0.000638 | 0.000174 |

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|------|-------------------|------|------------|---|----------|----------|----------|
| 2002 | 24003 | BNAA | 2267002015 | LPG Eng; Construction & Mining Equip; Rollers | 0.004451 | 0.001093 | 0.0003 |
| 2002 | 24003 | BNAA | 2267002021 | LPG Eng; Construction & Mining Equip; Paving Equip | 0.000674 | 0.000169 | 4.57E-05 |
| 2002 | 24003 | BNAA | 2267002024 | LPG Eng; Construction & Mining Equip; Surfacing Equip | 0.000451 | 0.000112 | 3.05E-05 |
| 2002 | 24003 | BNAA | 2267002030 | LPG Eng; Construction & Mining Equip; Trenchers | 0.007914 | 0.001963 | 0.000535 |
| 2002 | 24003 | BNAA | 2267002033 | LPG Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.002561 | 0.000647 | 0.000174 |
| 2002 | 24003 | BNAA | 2267002039 | LPG Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.007696 | 0.001867 | 0.000517 |
| 2002 | 24003 | BNAA | 2267002045 | LPG Eng; Construction & Mining Equip; Cranes | 0.00276 | 0.000691 | 0.000187 |
| 2002 | 24003 | BNAA | 2267002054 | LPG Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.000447 | 0.000112 | 3.03E-05 |
| 2002 | 24003 | BNAA | 2267002057 | LPG Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.00502 | 0.001249 | 0.00034 |
| 2002 | 24003 | BNAA | 2267002060 | LPG Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.012616 | 0.003117 | 0.000852 |
| 2002 | 24003 | BNAA | 2267002066 | LPG Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.001332 | 0.000328 | 8.98E-05 |
| 2002 | 24003 | BNAA | 2267002072 | LPG Eng; Construction & Mining Equip; Skid Steer Loaders | 0.010262 | 0.002563 | 0.000695 |
| 2002 | 24003 | BNAA | 2267002081 | LPG Eng; Construction & Mining Equip; Other Construction Equip | 0.004136 | 0.001038 | 0.00028 |
| 2002 | 24003 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.028305 | 0.00713 | 0.00192 |
| 2002 | 24003 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 2.710365 | 0.671731 | 0.183155 |
| 2002 | 24003 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.020891 | 0.005114 | 0.001407 |
| 2002 | 24003 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.006399 | 0.00158 | 0.000432 |
| 2002 | 24003 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.001529 | 0.000385 | 0.000104 |
| 2002 | 24003 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.012809 | 0.003126 | 0.000862 |
| 2002 | 24003 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.114375 | 0.028229 | 0.007721 |
| 2002 | 24003 | BNAA | 2267005055 | LPG Eng; Agri Equip; Other Equip | 1.08E-05 | 2.7E-06 | 7.33E-07 |
| 2002 | 24003 | BNAA | 2267005060 | LPG Eng; Agricultural Equip; Irrigation Sets | 1.7E-05 | 4.16E-06 | 1.14E-06 |
| 2002 | 24003 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.085786 | 0.03219 | 0.006537 |
| 2002 | 24003 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.020307 | 0.007492 | 0.001541 |
| 2002 | 24003 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.024788 | 0.009042 | 0.001875 |
| 2002 | 24003 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.044741 | 0.011275 | 0.003036 |
| 2002 | 24003 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.00057 | 0.000146 | 3.88E-05 |
| 2002 | 24003 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.000391 | 0.000142 | 2.96E-05 |
| 2002 | 24003 | BNAA | 2267008005 | LPG Eng; Airport Ground Support Equip; Airport Ground Support Equip | 0.000623 | 0.000155 | 4.21E-05 |
| 2002 | 24003 | BNAA | 2268002081 | CNG Eng; Construction & Mining Equip; Other Construction Equip | 0.000163 | 4.08E-05 | 6.5E-07 |
| 2002 | 24003 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.197639 | 0.048903 | 0.000787 |
| 2002 | 24003 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 0.000225 | 5.56E-05 | 8.95E-07 |
| 2002 | 24003 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 0.000122 | 3.03E-05 | 4.87E-07 |

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| 2002 | 24003 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.000713 | 0.000175 | 2.83E-06 |
| 2002 | 24003 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.000925 | 0.000226 | 3.67E-06 |
| 2002 | 24003 | BNAA | 2268005055 | CNG Eng; Agri Equip; Other Equip | 1.74E-05 | 3.99E-06 | 6.81E-08 |
| 2002 | 24003 | BNAA | 2268005060 | CNG Eng; Agricultural Equip; Irrigation Sets | 0.001266 | 0.000295 | 4.97E-06 |
| 2002 | 24003 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.028496 | 0.010554 | 0.000128 |
| 2002 | 24003 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.00147 | 0.000539 | 6.56E-06 |
| 2002 | 24003 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.002111 | 0.000764 | 9.4E-06 |
| 2002 | 24003 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.122533 | 0.027386 | 0.000476 |
| 2002 | 24003 | BNAA | 2270001060 | Diesel Eng; Recreational Equip; Specialty Vehicles/Carts | 0.014099 | 0.011854 | 0.003788 |
| 2002 | 24003 | BNAA | 2270002003 | Diesel Eng; Construction & Mining Equip; Pavers | 0.026281 | 0.051776 | 0.004993 |
| 2002 | 24003 | BNAA | 2270002006 | Diesel Eng; Construction & Mining Equip; Tampers/Rammers | 6.63E-05 | 0.000114 | 1.85E-05 |
| 2002 | 24003 | BNAA | 2270002009 | Diesel Eng; Construction & Mining Equip; Plate Compactors | 0.001061 | 0.001774 | 0.00031 |
| 2002 | 24003 | BNAA | 2270002015 | Diesel Eng; Construction & Mining Equip; Rollers | 0.075617 | 0.128465 | 0.014154 |
| 2002 | 24003 | BNAA | 2270002018 | Diesel Eng; Construction & Mining Equip; Scrapers | 0.068361 | 0.148793 | 0.01039 |
| 2002 | 24003 | BNAA | 2270002021 | Diesel Eng; Construction & Mining Equip; Paving Equip | 0.004894 | 0.008168 | 0.000911 |
| 2002 | 24003 | BNAA | 2270002024 | Diesel Eng; Construction & Mining Equip; Surfacing Equip | 0.003693 | 0.005505 | 0.000629 |
| 2002 | 24003 | BNAA | 2270002027 | Diesel Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.009658 | 0.015509 | 0.003059 |
| 2002 | 24003 | BNAA | 2270002030 | Diesel Eng; Construction & Mining Equip; Trenchers | 0.045412 | 0.059785 | 0.00843 |
| 2002 | 24003 | BNAA | 2270002033 | Diesel Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.027258 | 0.070915 | 0.006605 |
| 2002 | 24003 | BNAA | 2270002036 | Diesel Eng; Construction & Mining Equip; Excavators | 0.209712 | 0.513356 | 0.040967 |
| 2002 | 24003 | BNAA | 2270002039 | Diesel Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.003515 | 0.004026 | 0.00068 |
| 2002 | 24003 | BNAA | 2270002042 | Diesel Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.001202 | 0.002658 | 0.000317 |
| 2002 | 24003 | BNAA | 2270002045 | Diesel Eng; Construction & Mining Equip; Cranes | 0.038326 | 0.13993 | 0.010684 |
| 2002 | 24003 | BNAA | 2270002048 | Diesel Eng; Construction & Mining Equip; Graders | 0.04938 | 0.130398 | 0.010198 |
| 2002 | 24003 | BNAA | 2270002051 | Diesel Eng; Construction & Mining Equip; Off-highway Trucks | 0.214517 | 0.484693 | 0.035352 |
| 2002 | 24003 | BNAA | 2270002054 | Diesel Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.008954 | 0.024511 | 0.002173 |
| 2002 | 24003 | BNAA | 2270002057 | Diesel Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.112898 | 0.164121 | 0.02035 |
| 2002 | 24003 | BNAA | 2270002060 | Diesel Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.290399 | 0.628683 | 0.05093 |
| 2002 | 24003 | BNAA | 2270002066 | Diesel Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.354717 | 0.381947 | 0.08792 |
| 2002 | 24003 | BNAA | 2270002069 | Diesel Eng; Construction & Mining Equip; Crawler Tractor/Dozers | 0.248584 | 0.552566 | 0.044268 |
| 2002 | 24003 | BNAA | 2270002072 | Diesel Eng; Construction & Mining Equip; Skid Steer Loaders | 0.310206 | 0.244896 | 0.084885 |
| 2002 | 24003 | BNAA | 2270002075 | Diesel Eng; Construction & Mining Equip; Off-highway Tractors | 0.037619 | 0.066612 | 0.005981 |
| 2002 | 24003 | BNAA | 2270002078 | Diesel Eng; Construction & Mining Equip; Dumpers/Tenders | 0.000887 | 0.000787 | 0.000258 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24003 | BNAA | 2270002081 | Diesel Eng; Construction & Mining Equip; Other Construction Equip | 0.036075 | 0.064744 | 0.005587 |
| 2002 | 24003 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.007514 | 0.007411 | 0.002185 |
| 2002 | 24003 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.04563 | 0.078209 | 0.007714 |
| 2002 | 24003 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.014039 | 0.041456 | 0.003989 |
| 2002 | 24003 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.01523 | 0.047223 | 0.004319 |
| 2002 | 24003 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.001393 | 0.002181 | 0.000406 |
| 2002 | 24003 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.100651 | 0.194645 | 0.026378 |
| 2002 | 24003 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.019284 | 0.053472 | 0.004224 |
| 2002 | 24003 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.27E-05 | 2.07E-05 | 4.17E-06 |
| 2002 | 24003 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.080848 | 0.128674 | 0.025361 |
| 2002 | 24003 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.017667 | 0.028397 | 0.005617 |
| 2002 | 24003 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.086212 | 0.192348 | 0.021748 |
| 2002 | 24003 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.009083 | 0.019377 | 0.002619 |
| 2002 | 24003 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.00029 | 0.000508 | 8.12E-05 |
| 2002 | 24003 | BNAA | 2270005010 | Diesel Eng; Agricultural Equip; 2-Wheel Tractors | 2.82E-06 | 2.88E-06 | 5.17E-07 |
| 2002 | 24003 | BNAA | 2270005015 | Diesel Eng; Agricultural Equip; Agricultural Tractors | 0.07392 | 0.121972 | 0.015148 |
| 2002 | 24003 | BNAA | 2270005020 | Diesel Eng; Agricultural Equip; Combines | 0.004604 | 0.012365 | 0.001103 |
| 2002 | 24003 | BNAA | 2270005025 | Diesel Eng; Agricultural Equip; Balers | 3.82E-05 | 5.27E-05 | 1.11E-05 |
| 2002 | 24003 | BNAA | 2270005030 | Diesel Eng; Agricultural Equip; Agricultural Mowers | 9.13E-06 | 1.17E-05 | 1.86E-06 |
| 2002 | 24003 | BNAA | 2270005035 | Diesel Eng; Agricultural Equip; Sprayers | 0.000519 | 0.000876 | 0.000161 |
| 2002 | 24003 | BNAA | 2270005040 | Diesel Eng; Agricultural Equip; Tillers > 6HP | 1.55E-06 | 2.25E-06 | 2.58E-07 |
| 2002 | 24003 | BNAA | 2270005045 | Diesel Eng; Agricultural Equip; Swathers | 0.000443 | 0.000866 | 9.93E-05 |
| 2002 | 24003 | BNAA | 2270005055 | Diesel Eng; Agricultural Equip; Other Agricultural Equip | 0.00147 | 0.002551 | 0.000338 |
| 2002 | 24003 | BNAA | 2270005060 | Diesel Eng; Agricultural Equip; Irrigation Sets | 0.000659 | 0.001601 | 0.000208 |
| 2002 | 24003 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.075078 | 0.140155 | 0.021271 |
| 2002 | 24003 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.017462 | 0.03337 | 0.004678 |
| 2002 | 24003 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.039838 | 0.084238 | 0.010545 |
| 2002 | 24003 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.05911 | 0.040784 | 0.016052 |
| 2002 | 24003 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.002258 | 0.004675 | 0.000668 |
| 2002 | 24003 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.001797 | 0.003635 | 0.00049 |
| 2002 | 24003 | BNAA | 2270007015 | Diesel Eng; Logging Equip; Feller-Bunch-Skidder | 0.0067 | 0.019457 | 0.001415 |
| 2002 | 24003 | BNAA | 2270008005 | Diesel Eng; Airport Ground Support Equip; Airport Ground Support Equip | 0.002759 | 0.005953 | 0.000502 |
| 2002 | 24003 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 8.683044 | 0.113677 | 5.16165 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24003 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 3.142237 | 0.031825 | 1.79476 |
| 2002 | 24003 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Sterndrive | 6.001918 | 0.286207 | 0.448702 |
| 2002 | 24003 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.050416 | 0.318737 | 0.011925 |
| 2002 | 24003 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 0.000653 | 0.000906 | 0.000226 |
| 2002 | 24003 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.003456 | 0.004185 | 0.000812 |
| 2002 | 24003 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.008706 | 7.79E-05 | 0.000269 |
| 2002 | 24003 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 4.13E-05 | 1.03E-05 | 2.79E-06 |
| 2002 | 24005 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.201115 | 0.000819 | 0.246165 |
| 2002 | 24005 | BNAA | 2260001030 | 2-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.19829 | 0.000828 | 0.245114 |
| 2002 | 24005 | BNAA | 2260001060 | 2-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.239359 | 0.00229 | 0.010248 |
| 2002 | 24005 | BNAA | 2260002006 | 2-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.149101 | 0.001056 | 0.063489 |
| 2002 | 24005 | BNAA | 2260002009 | 2-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.007185 | 1.55E-05 | 0.003862 |
| 2002 | 24005 | BNAA | 2260002021 | 2-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.008626 | 1.87E-05 | 0.004594 |
| 2002 | 24005 | BNAA | 2260002027 | 2-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 6.44E-05 | 1.62E-07 | 3.35E-05 |
| 2002 | 24005 | BNAA | 2260002039 | 2-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.393989 | 0.00253 | 0.168441 |
| 2002 | 24005 | BNAA | 2260002054 | 2-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.001683 | 4.17E-06 | 0.000851 |
| 2002 | 24005 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.002824 | 7.39E-06 | 0.001439 |
| 2002 | 24005 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.000222 | 5.82E-07 | 0.000112 |
| 2002 | 24005 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.045087 | 8.82E-05 | 0.026445 |
| 2002 | 24005 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.254746 | 0.000506 | 0.140507 |
| 2002 | 24005 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.368124 | 0.00072 | 0.2422 |
| 2002 | 24005 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 2.345465 | 0.014431 | 1.122098 |
| 2002 | 24005 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.848425 | 0.001766 | 0.516211 |
| 2002 | 24005 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 2.531949 | 0.006891 | 1.368104 |
| 2002 | 24005 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.529487 | 0.001051 | 0.328549 |
| 2002 | 24005 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 2.553351 | 0.010972 | 1.245673 |
| 2002 | 24005 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.037364 |
| 2002 | 24005 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.007017 |
| 2002 | 24005 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.00103 | 2.11E-06 | 0.000545 |
| 2002 | 24005 | BNAA | 2260005035 | 2-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.001039 | 2.26E-06 | 0.000571 |
| 2002 | 24005 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.042105 | 9.01E-05 | 0.022964 |
| 2002 | 24005 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.296393 | 0.000716 | 0.155987 |
| 2002 | 24005 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 0.000108 | 2.78E-07 | 5.4E-05 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|---|----------|----------|----------|
| 2002 | 24005 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.001701 | 4.34E-06 | 0.000853 |
| 2002 | 24005 | BNAA | 2260007005 | 2-Stroke Gas Eng; Logging Equip; Chain Saws > 6 HP | 0.011184 | 7.57E-05 | 0.004944 |
| 2002 | 24005 | BNAA | 2265001010 | 4-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.091243 | 0.000969 | 0.009667 |
| 2002 | 24005 | BNAA | 2265001030 | 4-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.822516 | 0.008747 | 0.098846 |
| 2002 | 24005 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 4.407056 | 0.027149 | 0.08805 |
| 2002 | 24005 | BNAA | 2265001060 | 4-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.214984 | 0.001682 | 0.010856 |
| 2002 | 24005 | BNAA | 2265002003 | 4-Stroke Gas Eng; Construction & Mining Equip; Pavers | 0.136005 | 0.001614 | 0.003394 |
| 2002 | 24005 | BNAA | 2265002006 | 4-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.001068 | 8.92E-06 | 3.05E-05 |
| 2002 | 24005 | BNAA | 2265002009 | 4-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.251364 | 0.001922 | 0.013098 |
| 2002 | 24005 | BNAA | 2265002015 | 4-Stroke Gas Eng; Construction & Mining Equip; Rollers | 0.255444 | 0.002787 | 0.005456 |
| 2002 | 24005 | BNAA | 2265002021 | 4-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.492163 | 0.004036 | 0.019372 |
| 2002 | 24005 | BNAA | 2265002024 | 4-Stroke Gas Eng; Construction & Mining Equip; Surfacing Equip | 0.223076 | 0.001678 | 0.006712 |
| 2002 | 24005 | BNAA | 2265002027 | 4-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.01144 | 7.94E-05 | 0.000462 |
| 2002 | 24005 | BNAA | 2265002030 | 4-Stroke Gas Eng; Construction & Mining Equip; Trenchers | 0.4173 | 0.004884 | 0.013238 |
| 2002 | 24005 | BNAA | 2265002033 | 4-Stroke Gas Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.122965 | 0.001536 | 0.008051 |
| 2002 | 24005 | BNAA | 2265002039 | 4-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 1.030178 | 0.008301 | 0.01937 |
| 2002 | 24005 | BNAA | 2265002042 | 4-Stroke Gas Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.430931 | 0.003135 | 0.021562 |
| 2002 | 24005 | BNAA | 2265002045 | 4-Stroke Gas Eng; Construction & Mining Equip; Cranes | 0.017243 | 0.000804 | 0.000685 |
| 2002 | 24005 | BNAA | 2265002054 | 4-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.060515 | 0.00054 | 0.001764 |
| 2002 | 24005 | BNAA | 2265002057 | 4-Stroke Gas Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.022595 | 0.001387 | 0.001005 |
| 2002 | 24005 | BNAA | 2265002060 | 4-Stroke Gas Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.054169 | 0.003441 | 0.002414 |
| 2002 | 24005 | BNAA | 2265002066 | 4-Stroke Gas Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.324429 | 0.002602 | 0.006669 |
| 2002 | 24005 | BNAA | 2265002072 | 4-Stroke Gas Eng; Construction & Mining Equip; Skid Steer Loaders | 0.143536 | 0.003653 | 0.004787 |
| 2002 | 24005 | BNAA | 2265002078 | 4-Stroke Gas Eng; Construction & Mining Equip; Dumpers/Tenders | 0.067113 | 0.000514 | 0.003175 |
| 2002 | 24005 | BNAA | 2265002081 | 4-Stroke Gas Eng; Construction & Mining Equip; Other Construction Equip | 0.019053 | 0.001203 | 0.00088 |
| 2002 | 24005 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.278905 | 0.009367 | 0.010526 |
| 2002 | 24005 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.630053 | 0.039505 | 0.0276 |
| 2002 | 24005 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.270717 | 0.007025 | 0.008748 |
| 2002 | 24005 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.691727 | 0.006239 | 0.030385 |
| 2002 | 24005 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.021321 | 0.00062 | 0.000752 |
| 2002 | 24005 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.022325 | 0.000175 | 0.00059 |
| 2002 | 24005 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.066255 | 0.004132 | 0.002885 |
| 2002 | 24005 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 9.04556 | 0.065549 | 1.046382 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24005 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 9.238421 | 0.065716 | 0.710445 |
| 2002 | 24005 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.76194 | 0.005563 | 0.090279 |
| 2002 | 24005 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 4.500816 | 0.033126 | 0.358499 |
| 2002 | 24005 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.050799 | 0.000377 | 0.006117 |
| 2002 | 24005 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.229471 | 0.001704 | 0.013526 |
| 2002 | 24005 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.097101 | 0.000723 | 0.010802 |
| 2002 | 24005 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 9.182662 | 0.112481 | 0.266808 |
| 2002 | 24005 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.074524 |
| 2002 | 24005 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.015615 |
| 2002 | 24005 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 2.127301 | 0.017098 | 0.105353 |
| 2002 | 24005 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 1.189041 | 0.009117 | 0.026959 |
| 2002 | 24005 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 1.283897 | 0.009618 | 0.047028 |
| 2002 | 24005 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.515744 | 0.003768 | 0.044189 |
| 2002 | 24005 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 28.28478 | 0.234913 | 1.228901 |
| 2002 | 24005 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 15.99077 | 0.127326 | 0.360961 |
| 2002 | 24005 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 2.123456 | 0.040673 | 0.051989 |
| 2002 | 24005 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 49.46283 | 0.445924 | 1.260082 |
| 2002 | 24005 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.92326 | 0.006442 | 0.057843 |
| 2002 | 24005 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 1.398386 | 0.009894 | 0.088229 |
| 2002 | 24005 | BNAA | 2265005010 | 4-Stroke Gas Eng; Agricultural Equip; 2-Wheel Tractors | 0.003795 | 2.87E-05 | 8.32E-05 |
| 2002 | 24005 | BNAA | 2265005015 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Tractors | 0.007651 | 0.000317 | 0.000263 |
| 2002 | 24005 | BNAA | 2265005020 | 4-Stroke Gas Eng; Agricultural Equip; Combines | 3.23E-05 | 2.1E-06 | 1.67E-06 |
| 2002 | 24005 | BNAA | 2265005025 | 4-Stroke Gas Eng; Agricultural Equip; Balers | 0.003484 | 0.000227 | 0.000203 |
| 2002 | 24005 | BNAA | 2265005030 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Mowers | 0.002956 | 2.35E-05 | 8.85E-05 |
| 2002 | 24005 | BNAA | 2265005035 | 4-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.025236 | 0.000369 | 0.001267 |
| 2002 | 24005 | BNAA | 2265005040 | 4-Stroke Gas Eng; Agricultural Equip; Tillers > 6 HP | 0.062772 | 0.000354 | 0.002638 |
| 2002 | 24005 | BNAA | 2265005045 | 4-Stroke Gas Eng; Agricultural Equip; Swathers | 0.005528 | 0.00036 | 0.000294 |
| 2002 | 24005 | BNAA | 2265005055 | 4-Stroke Gas Eng; Agricultural Equip; Other Agricultural Equip | 0.011459 | 0.000431 | 0.000476 |
| 2002 | 24005 | BNAA | 2265005060 | 4-Stroke Gas Eng; Agricultural Equip; Irrigation Sets | 0.010765 | 0.000627 | 0.000481 |
| 2002 | 24005 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 12.47149 | 0.097735 | 0.520587 |
| 2002 | 24005 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 2.881737 | 0.029573 | 0.137183 |
| 2002 | 24005 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 1.431595 | 0.020376 | 0.054013 |
| 2002 | 24005 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 3.596605 | 0.036811 | 0.091745 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24005 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 5.462062 | 0.043113 | 0.251908 |
| 2002 | 24005 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.276455 | 0.002151 | 0.008389 |
| 2002 | 24005 | BNAA | 2265007010 | 2-Stroke Gas Eng; Logging Equip; Shredders > 6 HP | 0.025353 | 0.000182 | 0.001109 |
| 2002 | 24005 | BNAA | 2265007015 | 2-Stroke Gas Eng; Logging Equip; Feller-Bunch-Skidder | 0.000304 | 2.05E-06 | 1.47E-05 |
| 2002 | 24005 | BNAA | 2265008005 | 4-Stroke Gas Eng; Airport Ground Support Equip; Airport Ground Support Equip | 0.000175 | 6E-06 | 7.14E-06 |
| 2002 | 24005 | BNAA | 2265010010 | 4-Stroke Gas Eng; Industrial Equip; Other Oil Field Equipment | 0.044758 | 0.000274 | 0.000731 |
| 2002 | 24005 | BNAA | 2267001060 | LPG Eng; Recreational Equip; Specialty Vehicles/Carts | 0.002292 | 0.000573 | 0.000155 |
| 2002 | 24005 | BNAA | 2267002003 | LPG Eng; Construction & Mining Equip; Pavers | 0.003579 | 0.000887 | 0.000242 |
| 2002 | 24005 | BNAA | 2267002015 | LPG Eng; Construction & Mining Equip; Rollers | 0.006186 | 0.00152 | 0.000417 |
| 2002 | 24005 | BNAA | 2267002021 | LPG Eng; Construction & Mining Equip; Paving Equip | 0.000937 | 0.000235 | 6.35E-05 |
| 2002 | 24005 | BNAA | 2267002024 | LPG Eng; Construction & Mining Equip; Surfacing Equip | 0.000627 | 0.000155 | 4.23E-05 |
| 2002 | 24005 | BNAA | 2267002030 | LPG Eng; Construction & Mining Equip; Trenchers | 0.010999 | 0.002728 | 0.000743 |
| 2002 | 24005 | BNAA | 2267002033 | LPG Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.00356 | 0.0009 | 0.000242 |
| 2002 | 24005 | BNAA | 2267002039 | LPG Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.010696 | 0.002595 | 0.000719 |
| 2002 | 24005 | BNAA | 2267002045 | LPG Eng; Construction & Mining Equip; Cranes | 0.003835 | 0.00096 | 0.00026 |
| 2002 | 24005 | BNAA | 2267002054 | LPG Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.000621 | 0.000155 | 4.21E-05 |
| 2002 | 24005 | BNAA | 2267002057 | LPG Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.006977 | 0.001736 | 0.000472 |
| 2002 | 24005 | BNAA | 2267002060 | LPG Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.017534 | 0.004332 | 0.001184 |
| 2002 | 24005 | BNAA | 2267002066 | LPG Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.001851 | 0.000455 | 0.000125 |
| 2002 | 24005 | BNAA | 2267002072 | LPG Eng; Construction & Mining Equip; Skid Steer Loaders | 0.014262 | 0.003563 | 0.000966 |
| 2002 | 24005 | BNAA | 2267002081 | LPG Eng; Construction & Mining Equip; Other Construction Equip | 0.005748 | 0.001443 | 0.00039 |
| 2002 | 24005 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.051799 | 0.013048 | 0.003515 |
| 2002 | 24005 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 4.960183 | 1.22932 | 0.335189 |
| 2002 | 24005 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.038232 | 0.009359 | 0.002576 |
| 2002 | 24005 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.011712 | 0.002892 | 0.000791 |
| 2002 | 24005 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.002799 | 0.000704 | 0.00019 |
| 2002 | 24005 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.023441 | 0.00572 | 0.001578 |
| 2002 | 24005 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.137479 | 0.033932 | 0.009281 |
| 2002 | 24005 | BNAA | 2267005055 | LPG Eng; Agri Equip; Other Equip | 2.22E-05 | 5.52E-06 | 1.5E-06 |
| 2002 | 24005 | BNAA | 2267005060 | LPG Eng; Agricultural Equip; Irrigation Sets | 3.47E-05 | 8.52E-06 | 2.34E-06 |
| 2002 | 24005 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.131217 | 0.049237 | 0.009998 |
| 2002 | 24005 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.031061 | 0.011459 | 0.002357 |
| 2002 | 24005 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.037916 | 0.01383 | 0.002868 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|---|----------|----------|----------|
| 2002 | 24005 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.068435 | 0.017246 | 0.004644 |
| 2002 | 24005 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.000872 | 0.000223 | 5.94E-05 |
| 2002 | 24005 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.000599 | 0.000217 | 4.52E-05 |
| 2002 | 24005 | BNAA | 2267008005 | LPG Eng; Airport Ground Support Equip; Airport Ground Support Equip | 3.09E-05 | 7.69E-06 | 2.09E-06 |
| 2002 | 24005 | BNAA | 2268002081 | CNG Eng; Construction & Mining Equip; Other Construction Equip | 0.000226 | 5.67E-05 | 9.03E-07 |
| 2002 | 24005 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.361696 | 0.089496 | 0.00144 |
| 2002 | 24005 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 0.000411 | 0.000102 | 1.64E-06 |
| 2002 | 24005 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 0.000224 | 5.54E-05 | 8.92E-07 |
| 2002 | 24005 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.001091 | 0.000269 | 4.34E-06 |
| 2002 | 24005 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.001693 | 0.000413 | 6.72E-06 |
| 2002 | 24005 | BNAA | 2268005055 | CNG Eng; Agri Equip; Other Equip | 3.57E-05 | 8.16E-06 | 1.39E-07 |
| 2002 | 24005 | BNAA | 2268005060 | CNG Eng; Agricultural Equip; Irrigation Sets | 0.002589 | 0.000603 | 1.02E-05 |
| 2002 | 24005 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.043587 | 0.016144 | 0.000195 |
| 2002 | 24005 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.002248 | 0.000824 | 1E-05 |
| 2002 | 24005 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.003229 | 0.001169 | 1.44E-05 |
| 2002 | 24005 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.187425 | 0.04189 | 0.000728 |
| 2002 | 24005 | BNAA | 2268010010 | CNG Eng; Industrial Equip; Other Oil Field Equipment | 0.005054 | 0.001189 | 1.99E-05 |
| 2002 | 24005 | BNAA | 2270001060 | Diesel Eng; Recreational Equip; Specialty Vehicles/Carts | 0.00705 | 0.005927 | 0.001894 |
| 2002 | 24005 | BNAA | 2270002003 | Diesel Eng; Construction & Mining Equip; Pavers | 0.036525 | 0.071957 | 0.006939 |
| 2002 | 24005 | BNAA | 2270002006 | Diesel Eng; Construction & Mining Equip; Tampers/Rammers | 0.000154 | 0.000264 | 4.29E-05 |
| 2002 | 24005 | BNAA | 2270002009 | Diesel Eng; Construction & Mining Equip; Plate Compactors | 0.001474 | 0.002466 | 0.000431 |
| 2002 | 24005 | BNAA | 2270002015 | Diesel Eng; Construction & Mining Equip; Rollers | 0.105092 | 0.17854 | 0.01967 |
| 2002 | 24005 | BNAA | 2270002018 | Diesel Eng; Construction & Mining Equip; Scrapers | 0.095007 | 0.206791 | 0.01444 |
| 2002 | 24005 | BNAA | 2270002021 | Diesel Eng; Construction & Mining Equip; Paving Equip | 0.006802 | 0.011352 | 0.001266 |
| 2002 | 24005 | BNAA | 2270002024 | Diesel Eng; Construction & Mining Equip; Surfacing Equip | 0.005133 | 0.007651 | 0.000874 |
| 2002 | 24005 | BNAA | 2270002027 | Diesel Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.013423 | 0.021555 | 0.004252 |
| 2002 | 24005 | BNAA | 2270002030 | Diesel Eng; Construction & Mining Equip; Trenchers | 0.063113 | 0.083089 | 0.011716 |
| 2002 | 24005 | BNAA | 2270002033 | Diesel Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.037883 | 0.098557 | 0.00918 |
| 2002 | 24005 | BNAA | 2270002036 | Diesel Eng; Construction & Mining Equip; Excavators | 0.291455 | 0.713457 | 0.056935 |
| 2002 | 24005 | BNAA | 2270002039 | Diesel Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.004885 | 0.005596 | 0.000945 |
| 2002 | 24005 | BNAA | 2270002042 | Diesel Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.00167 | 0.003694 | 0.000441 |
| 2002 | 24005 | BNAA | 2270002045 | Diesel Eng; Construction & Mining Equip; Cranes | 0.053264 | 0.194474 | 0.014848 |
| 2002 | 24005 | BNAA | 2270002048 | Diesel Eng; Construction & Mining Equip; Graders | 0.068628 | 0.181226 | 0.014173 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24005 | BNAA | 2270002051 | Diesel Eng; Construction & Mining Equip; Off-highway Trucks | 0.298133 | 0.673621 | 0.049132 |
| 2002 | 24005 | BNAA | 2270002054 | Diesel Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.012444 | 0.034065 | 0.00302 |
| 2002 | 24005 | BNAA | 2270002057 | Diesel Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.156904 | 0.228094 | 0.028282 |
| 2002 | 24005 | BNAA | 2270002060 | Diesel Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.403593 | 0.873736 | 0.070783 |
| 2002 | 24005 | BNAA | 2270002066 | Diesel Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.492982 | 0.530826 | 0.12219 |
| 2002 | 24005 | BNAA | 2270002069 | Diesel Eng; Construction & Mining Equip; Crawler Tractor/Dozers | 0.345479 | 0.76795 | 0.061523 |
| 2002 | 24005 | BNAA | 2270002072 | Diesel Eng; Construction & Mining Equip; Skid Steer Loaders | 0.431121 | 0.340354 | 0.117972 |
| 2002 | 24005 | BNAA | 2270002075 | Diesel Eng; Construction & Mining Equip; Off-highway Tractors | 0.052283 | 0.092577 | 0.008312 |
| 2002 | 24005 | BNAA | 2270002078 | Diesel Eng; Construction & Mining Equip; Dumpers/Tenders | 0.001232 | 0.001094 | 0.000359 |
| 2002 | 24005 | BNAA | 2270002081 | Diesel Eng; Construction & Mining Equip; Other Construction Equip | 0.050136 | 0.089981 | 0.007765 |
| 2002 | 24005 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.013752 | 0.013563 | 0.004 |
| 2002 | 24005 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.083506 | 0.143128 | 0.014117 |
| 2002 | 24005 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.025692 | 0.075867 | 0.0073 |
| 2002 | 24005 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.027871 | 0.086421 | 0.007904 |
| 2002 | 24005 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.00255 | 0.003991 | 0.000743 |
| 2002 | 24005 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.154084 | 0.297977 | 0.040382 |
| 2002 | 24005 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.035292 | 0.097857 | 0.00773 |
| 2002 | 24005 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.52E-05 | 2.49E-05 | 5.02E-06 |
| 2002 | 24005 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.097179 | 0.154667 | 0.030484 |
| 2002 | 24005 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.021236 | 0.034133 | 0.006751 |
| 2002 | 24005 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.103627 | 0.231203 | 0.026141 |
| 2002 | 24005 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.010918 | 0.023291 | 0.003148 |
| 2002 | 24005 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.000349 | 0.00061 | 9.76E-05 |
| 2002 | 24005 | BNAA | 2270005010 | Diesel Eng; Agricultural Equip; 2-Wheel Tractors | 5.77E-06 | 5.9E-06 | 1.06E-06 |
| 2002 | 24005 | BNAA | 2270005015 | Diesel Eng; Agricultural Equip; Agricultural Tractors | 0.151223 | 0.249526 | 0.030989 |
| 2002 | 24005 | BNAA | 2270005020 | Diesel Eng; Agricultural Equip; Combines | 0.009418 | 0.025296 | 0.002257 |
| 2002 | 24005 | BNAA | 2270005025 | Diesel Eng; Agricultural Equip; Balers | 7.81E-05 | 0.000108 | 2.27E-05 |
| 2002 | 24005 | BNAA | 2270005030 | Diesel Eng; Agricultural Equip; Agricultural Mowers | 1.87E-05 | 2.39E-05 | 3.8E-06 |
| 2002 | 24005 | BNAA | 2270005035 | Diesel Eng; Agricultural Equip; Sprayers | 0.001061 | 0.001793 | 0.000329 |
| 2002 | 24005 | BNAA | 2270005040 | Diesel Eng; Agricultural Equip; Tillers > 6HP | 3.18E-06 | 4.61E-06 | 5.27E-07 |
| 2002 | 24005 | BNAA | 2270005045 | Diesel Eng; Agricultural Equip; Swathers | 0.000906 | 0.001771 | 0.000203 |
| 2002 | 24005 | BNAA | 2270005055 | Diesel Eng; Agricultural Equip; Other Agricultural Equip | 0.003007 | 0.005219 | 0.000692 |
| 2002 | 24005 | BNAA | 2270005060 | Diesel Eng; Agricultural Equip; Irrigation Sets | 0.001348 | 0.003276 | 0.000426 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24005 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.114839 | 0.214379 | 0.032536 |
| 2002 | 24005 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.026709 | 0.051042 | 0.007155 |
| 2002 | 24005 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.060935 | 0.12885 | 0.01613 |
| 2002 | 24005 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.090414 | 0.062383 | 0.024553 |
| 2002 | 24005 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.003453 | 0.007151 | 0.001022 |
| 2002 | 24005 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.002749 | 0.00556 | 0.00075 |
| 2002 | 24005 | BNAA | 2270007015 | Diesel Eng; Logging Equip; Feller-Bunch-Skidder | 0.00373 | 0.010833 | 0.000788 |
| 2002 | 24005 | BNAA | 2270008005 | Diesel Eng; Airport Ground Support Equip; Airport Ground Support Equip | 0.000137 | 0.000296 | 2.49E-05 |
| 2002 | 24005 | BNAA | 2270010010 | Diesel Eng; Industrial Equip; Other Oil Field Equipment | 0.001148 | 0.003379 | 0.000279 |
| 2002 | 24005 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 6.684566 | 0.087513 | 3.973651 |
| 2002 | 24005 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 2.419023 | 0.0245 | 1.38168 |
| 2002 | 24005 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Stern-drive | 3.437631 | 0.163927 | 0.256997 |
| 2002 | 24005 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Stern-drive | 0.028876 | 0.182559 | 0.00683 |
| 2002 | 24005 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 0.000503 | 0.000697 | 0.000174 |
| 2002 | 24005 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.006673 | 0.008081 | 0.001568 |
| 2002 | 24005 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.016811 | 0.00015 | 0.000519 |
| 2002 | 24005 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 7.97E-05 | 1.99E-05 | 5.39E-06 |
| 2002 | 24013 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.201115 | 0.000819 | 0.246165 |
| 2002 | 24013 | BNAA | 2260001030 | 2-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.19829 | 0.000828 | 0.245114 |
| 2002 | 24013 | BNAA | 2260001060 | 2-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.239359 | 0.00229 | 0.010248 |
| 2002 | 24013 | BNAA | 2260002006 | 2-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.031527 | 0.000223 | 0.013425 |
| 2002 | 24013 | BNAA | 2260002009 | 2-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.001519 | 3.27E-06 | 0.000817 |
| 2002 | 24013 | BNAA | 2260002021 | 2-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.001824 | 3.96E-06 | 0.000971 |
| 2002 | 24013 | BNAA | 2260002027 | 2-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 1.36E-05 | 3.43E-08 | 7.08E-06 |
| 2002 | 24013 | BNAA | 2260002039 | 2-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.083308 | 0.000535 | 0.035617 |
| 2002 | 24013 | BNAA | 2260002054 | 2-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.000356 | 8.83E-07 | 0.00018 |
| 2002 | 24013 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.000394 | 1.03E-06 | 0.000201 |
| 2002 | 24013 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 3.1E-05 | 8.11E-08 | 1.56E-05 |
| 2002 | 24013 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.008039 | 1.57E-05 | 0.004715 |
| 2002 | 24013 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.080316 | 0.000159 | 0.044299 |
| 2002 | 24013 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.06564 | 0.000128 | 0.043187 |
| 2002 | 24013 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 0.739473 | 0.00455 | 0.353773 |
| 2002 | 24013 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.151282 | 0.000315 | 0.092046 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24013 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.798267 | 0.002172 | 0.431333 |
| 2002 | 24013 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.094413 | 0.000187 | 0.058583 |
| 2002 | 24013 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 0.805015 | 0.003459 | 0.392733 |
| 2002 | 24013 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.006662 |
| 2002 | 24013 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.002212 |
| 2002 | 24013 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.000325 | 6.67E-07 | 0.000172 |
| 2002 | 24013 | BNAA | 2260005035 | 2-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.002693 | 5.87E-06 | 0.001481 |
| 2002 | 24013 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.006934 | 1.48E-05 | 0.003782 |
| 2002 | 24013 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.048811 | 0.000118 | 0.025688 |
| 2002 | 24013 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 1.78E-05 | 4.58E-08 | 8.89E-06 |
| 2002 | 24013 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.00028 | 7.15E-07 | 0.000141 |
| 2002 | 24013 | BNAA | 2260007005 | 2-Stroke Gas Eng; Logging Equip; Chain Saws > 6 HP | 0.008423 | 5.7E-05 | 0.003723 |
| 2002 | 24013 | BNAA | 2265001010 | 4-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.091243 | 0.000969 | 0.009667 |
| 2002 | 24013 | BNAA | 2265001030 | 4-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.822516 | 0.008747 | 0.098846 |
| 2002 | 24013 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 1.623652 | 0.010002 | 0.032439 |
| 2002 | 24013 | BNAA | 2265001060 | 4-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.214984 | 0.001682 | 0.010856 |
| 2002 | 24013 | BNAA | 2265002003 | 4-Stroke Gas Eng; Construction & Mining Equip; Pavers | 0.028758 | 0.000341 | 0.000718 |
| 2002 | 24013 | BNAA | 2265002006 | 4-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.000226 | 1.89E-06 | 6.45E-06 |
| 2002 | 24013 | BNAA | 2265002009 | 4-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.05315 | 0.000406 | 0.002769 |
| 2002 | 24013 | BNAA | 2265002015 | 4-Stroke Gas Eng; Construction & Mining Equip; Rollers | 0.054013 | 0.000589 | 0.001154 |
| 2002 | 24013 | BNAA | 2265002021 | 4-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.104067 | 0.000853 | 0.004096 |
| 2002 | 24013 | BNAA | 2265002024 | 4-Stroke Gas Eng; Construction & Mining Equip; Surfacing Equip | 0.047169 | 0.000355 | 0.001419 |
| 2002 | 24013 | BNAA | 2265002027 | 4-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.002419 | 1.68E-05 | 9.78E-05 |
| 2002 | 24013 | BNAA | 2265002030 | 4-Stroke Gas Eng; Construction & Mining Equip; Trenchers | 0.088237 | 0.001033 | 0.002799 |
| 2002 | 24013 | BNAA | 2265002033 | 4-Stroke Gas Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.026001 | 0.000325 | 0.001702 |
| 2002 | 24013 | BNAA | 2265002039 | 4-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.217829 | 0.001755 | 0.004096 |
| 2002 | 24013 | BNAA | 2265002042 | 4-Stroke Gas Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.09112 | 0.000663 | 0.004559 |
| 2002 | 24013 | BNAA | 2265002045 | 4-Stroke Gas Eng; Construction & Mining Equip; Cranes | 0.003646 | 0.00017 | 0.000145 |
| 2002 | 24013 | BNAA | 2265002054 | 4-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.012796 | 0.000114 | 0.000373 |
| 2002 | 24013 | BNAA | 2265002057 | 4-Stroke Gas Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.004778 | 0.000293 | 0.000212 |
| 2002 | 24013 | BNAA | 2265002060 | 4-Stroke Gas Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.011454 | 0.000728 | 0.000511 |
| 2002 | 24013 | BNAA | 2265002066 | 4-Stroke Gas Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.0686 | 0.00055 | 0.00141 |
| 2002 | 24013 | BNAA | 2265002072 | 4-Stroke Gas Eng; Construction & Mining Equip; Skid Steer Loaders | 0.03035 | 0.000772 | 0.001012 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24013 | BNAA | 2265002078 | 4-Stroke Gas Eng; Construction & Mining Equip; Dumpers/Tenders | 0.014191 | 0.000109 | 0.000671 |
| 2002 | 24013 | BNAA | 2265002081 | 4-Stroke Gas Eng; Construction & Mining Equip; Other Construction Equip | 0.004029 | 0.000254 | 0.000186 |
| 2002 | 24013 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.038871 | 0.001305 | 0.001467 |
| 2002 | 24013 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.087811 | 0.005506 | 0.003847 |
| 2002 | 24013 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.03773 | 0.000979 | 0.001219 |
| 2002 | 24013 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.096407 | 0.000869 | 0.004235 |
| 2002 | 24013 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.002971 | 8.65E-05 | 0.000105 |
| 2002 | 24013 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.004628 | 3.62E-05 | 0.000122 |
| 2002 | 24013 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.009234 | 0.000576 | 0.000402 |
| 2002 | 24013 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 1.612912 | 0.011688 | 0.18658 |
| 2002 | 24013 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 2.912669 | 0.020719 | 0.223988 |
| 2002 | 24013 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.135861 | 0.000992 | 0.016098 |
| 2002 | 24013 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 1.419007 | 0.010444 | 0.113027 |
| 2002 | 24013 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.009058 | 6.72E-05 | 0.001091 |
| 2002 | 24013 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.072347 | 0.000537 | 0.004265 |
| 2002 | 24013 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.017314 | 0.000129 | 0.001926 |
| 2002 | 24013 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 2.895089 | 0.035463 | 0.084119 |
| 2002 | 24013 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.013288 |
| 2002 | 24013 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.004923 |
| 2002 | 24013 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 0.379319 | 0.003049 | 0.018785 |
| 2002 | 24013 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 0.374878 | 0.002874 | 0.0085 |
| 2002 | 24013 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.404784 | 0.003032 | 0.014827 |
| 2002 | 24013 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.162603 | 0.001188 | 0.013932 |
| 2002 | 24013 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 5.043452 | 0.041887 | 0.219125 |
| 2002 | 24013 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 5.041533 | 0.040143 | 0.113803 |
| 2002 | 24013 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.669478 | 0.012823 | 0.016391 |
| 2002 | 24013 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 15.59453 | 0.14059 | 0.397276 |
| 2002 | 24013 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.164626 | 0.001149 | 0.010314 |
| 2002 | 24013 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.44088 | 0.003119 | 0.027817 |
| 2002 | 24013 | BNAA | 2265005010 | 4-Stroke Gas Eng; Agricultural Equip; 2-Wheel Tractors | 0.009837 | 7.45E-05 | 0.000216 |
| 2002 | 24013 | BNAA | 2265005015 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Tractors | 0.019832 | 0.000821 | 0.000681 |
| 2002 | 24013 | BNAA | 2265005020 | 4-Stroke Gas Eng; Agricultural Equip; Combines | 8.37E-05 | 5.45E-06 | 4.33E-06 |
| 2002 | 24013 | BNAA | 2265005025 | 4-Stroke Gas Eng; Agricultural Equip; Balers | 0.009031 | 0.000588 | 0.000526 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24013 | BNAA | 2265005030 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Mowers | 0.007663 | 6.09E-05 | 0.000229 |
| 2002 | 24013 | BNAA | 2265005035 | 4-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.065418 | 0.000957 | 0.003285 |
| 2002 | 24013 | BNAA | 2265005040 | 4-Stroke Gas Eng; Agricultural Equip; Tillers > 6 HP | 0.162723 | 0.000918 | 0.006839 |
| 2002 | 24013 | BNAA | 2265005045 | 4-Stroke Gas Eng; Agricultural Equip; Swathers | 0.014331 | 0.000934 | 0.000762 |
| 2002 | 24013 | BNAA | 2265005055 | 4-Stroke Gas Eng; Agricultural Equip; Other Agricultural Equip | 0.029705 | 0.001116 | 0.001235 |
| 2002 | 24013 | BNAA | 2265005060 | 4-Stroke Gas Eng; Agricultural Equip; Irrigation Sets | 0.027907 | 0.001626 | 0.001247 |
| 2002 | 24013 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 2.053836 | 0.016095 | 0.085732 |
| 2002 | 24013 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 0.474572 | 0.00487 | 0.022592 |
| 2002 | 24013 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 0.235759 | 0.003356 | 0.008895 |
| 2002 | 24013 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 0.592298 | 0.006062 | 0.015109 |
| 2002 | 24013 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 0.899506 | 0.0071 | 0.041485 |
| 2002 | 24013 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.045527 | 0.000354 | 0.001382 |
| 2002 | 24013 | BNAA | 2265007010 | 2-Stroke Gas Eng; Logging Equip; Shredders > 6 HP | 0.019094 | 0.000137 | 0.000835 |
| 2002 | 24013 | BNAA | 2265007015 | 2-Stroke Gas Eng; Logging Equip; Feller-Bunch-Skidder | 0.000229 | 1.55E-06 | 1.11E-05 |
| 2002 | 24013 | BNAA | 2265008005 | 4-Stroke Gas Eng; Airport Ground Support Equip; Airport Ground Support Equip | 6.59E-05 | 2.26E-06 | 2.7E-06 |
| 2002 | 24013 | BNAA | 2265010010 | 4-Stroke Gas Eng; Industrial Equip; Other Oil Field Equipment | 0.044758 | 0.000274 | 0.000731 |
| 2002 | 24013 | BNAA | 2267001060 | LPG Eng; Recreational Equip; Specialty Vehicles/Carts | 0.002292 | 0.000573 | 0.000155 |
| 2002 | 24013 | BNAA | 2267002003 | LPG Eng; Construction & Mining Equip; Pavers | 0.000757 | 0.000188 | 5.11E-05 |
| 2002 | 24013 | BNAA | 2267002015 | LPG Eng; Construction & Mining Equip; Rollers | 0.001308 | 0.000321 | 8.82E-05 |
| 2002 | 24013 | BNAA | 2267002021 | LPG Eng; Construction & Mining Equip; Paving Equip | 0.000198 | 4.96E-05 | 1.34E-05 |
| 2002 | 24013 | BNAA | 2267002024 | LPG Eng; Construction & Mining Equip; Surfacing Equip | 0.000133 | 3.28E-05 | 8.95E-06 |
| 2002 | 24013 | BNAA | 2267002030 | LPG Eng; Construction & Mining Equip; Trenchers | 0.002326 | 0.000577 | 0.000157 |
| 2002 | 24013 | BNAA | 2267002033 | LPG Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.000753 | 0.00019 | 5.11E-05 |
| 2002 | 24013 | BNAA | 2267002039 | LPG Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.002262 | 0.000549 | 0.000152 |
| 2002 | 24013 | BNAA | 2267002045 | LPG Eng; Construction & Mining Equip; Cranes | 0.000811 | 0.000203 | 5.49E-05 |
| 2002 | 24013 | BNAA | 2267002054 | LPG Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.000131 | 3.29E-05 | 8.9E-06 |
| 2002 | 24013 | BNAA | 2267002057 | LPG Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.001475 | 0.000367 | 9.98E-05 |
| 2002 | 24013 | BNAA | 2267002060 | LPG Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.003708 | 0.000916 | 0.00025 |
| 2002 | 24013 | BNAA | 2267002066 | LPG Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.000391 | 9.62E-05 | 2.64E-05 |
| 2002 | 24013 | BNAA | 2267002072 | LPG Eng; Construction & Mining Equip; Skid Steer Loaders | 0.003016 | 0.000753 | 0.000204 |
| 2002 | 24013 | BNAA | 2267002081 | LPG Eng; Construction & Mining Equip; Other Construction Equip | 0.001215 | 0.000305 | 8.24E-05 |
| 2002 | 24013 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.007219 | 0.001818 | 0.00049 |
| 2002 | 24013 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 0.691307 | 0.171332 | 0.046716 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|---|----------|----------|----------|
| 2002 | 24013 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.005328 | 0.001304 | 0.000359 |
| 2002 | 24013 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.001632 | 0.000403 | 0.00011 |
| 2002 | 24013 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.00039 | 9.81E-05 | 2.65E-05 |
| 2002 | 24013 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.003267 | 0.000797 | 0.00022 |
| 2002 | 24013 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.043344 | 0.010698 | 0.002926 |
| 2002 | 24013 | BNAA | 2267005055 | LPG Eng; Agri Equip; Other Equip | 5.75E-05 | 1.43E-05 | 3.89E-06 |
| 2002 | 24013 | BNAA | 2267005060 | LPG Eng; Agricultural Equip; Irrigation Sets | 9E-05 | 2.21E-05 | 6.07E-06 |
| 2002 | 24013 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.021609 | 0.008109 | 0.001647 |
| 2002 | 24013 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.005115 | 0.001887 | 0.000388 |
| 2002 | 24013 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.006244 | 0.002278 | 0.000472 |
| 2002 | 24013 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.01127 | 0.00284 | 0.000765 |
| 2002 | 24013 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.000144 | 3.67E-05 | 9.78E-06 |
| 2002 | 24013 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 9.86E-05 | 3.58E-05 | 7.45E-06 |
| 2002 | 24013 | BNAA | 2267008005 | LPG Eng; Airport Ground Support Equip; Airport Ground Support Equip | 1.17E-05 | 2.9E-06 | 7.89E-07 |
| 2002 | 24013 | BNAA | 2268002081 | CNG Eng; Construction & Mining Equip; Other Construction Equip | 4.78E-05 | 1.2E-05 | 1.91E-07 |
| 2002 | 24013 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.05041 | 0.012473 | 0.000201 |
| 2002 | 24013 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 5.73E-05 | 1.42E-05 | 2.28E-07 |
| 2002 | 24013 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 3.12E-05 | 7.72E-06 | 1.24E-07 |
| 2002 | 24013 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.000226 | 5.57E-05 | 8.99E-07 |
| 2002 | 24013 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.000236 | 5.76E-05 | 9.36E-07 |
| 2002 | 24013 | BNAA | 2268005055 | CNG Eng; Agri Equip; Other Equip | 9.25E-05 | 2.12E-05 | 3.61E-07 |
| 2002 | 24013 | BNAA | 2268005060 | CNG Eng; Agricultural Equip; Irrigation Sets | 0.006713 | 0.001563 | 2.63E-05 |
| 2002 | 24013 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.007178 | 0.002659 | 3.21E-05 |
| 2002 | 24013 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.00037 | 0.000136 | 1.65E-06 |
| 2002 | 24013 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.000532 | 0.000193 | 2.37E-06 |
| 2002 | 24013 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.030866 | 0.006899 | 0.00012 |
| 2002 | 24013 | BNAA | 2268010010 | CNG Eng; Industrial Equip; Other Oil Field Equipment | 0.005054 | 0.001189 | 1.99E-05 |
| 2002 | 24013 | BNAA | 2270001060 | Diesel Eng; Recreational Equip; Specialty Vehicles/Carts | 0.00705 | 0.005927 | 0.001894 |
| 2002 | 24013 | BNAA | 2270002003 | Diesel Eng; Construction & Mining Equip; Pavers | 0.007723 | 0.015215 | 0.001467 |
| 2002 | 24013 | BNAA | 2270002006 | Diesel Eng; Construction & Mining Equip; Tampers/Rammers | 1.95E-05 | 3.35E-05 | 5.44E-06 |
| 2002 | 24013 | BNAA | 2270002009 | Diesel Eng; Construction & Mining Equip; Plate Compactors | 0.000312 | 0.000521 | 9.11E-05 |
| 2002 | 24013 | BNAA | 2270002015 | Diesel Eng; Construction & Mining Equip; Rollers | 0.022222 | 0.037752 | 0.004159 |
| 2002 | 24013 | BNAA | 2270002018 | Diesel Eng; Construction & Mining Equip; Scrapers | 0.020089 | 0.043726 | 0.003053 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|---|----------|----------|----------|
| 2002 | 24013 | BNAA | 2270002021 | Diesel Eng; Construction & Mining Equip; Paving Equip | 0.001438 | 0.0024 | 0.000268 |
| 2002 | 24013 | BNAA | 2270002024 | Diesel Eng; Construction & Mining Equip; Surfacing Equip | 0.001085 | 0.001618 | 0.000185 |
| 2002 | 24013 | BNAA | 2270002027 | Diesel Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.002838 | 0.004558 | 0.000899 |
| 2002 | 24013 | BNAA | 2270002030 | Diesel Eng; Construction & Mining Equip; Trenchers | 0.013345 | 0.017569 | 0.002477 |
| 2002 | 24013 | BNAA | 2270002033 | Diesel Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.00801 | 0.02084 | 0.001941 |
| 2002 | 24013 | BNAA | 2270002036 | Diesel Eng; Construction & Mining Equip; Excavators | 0.061628 | 0.150859 | 0.012039 |
| 2002 | 24013 | BNAA | 2270002039 | Diesel Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.001033 | 0.001183 | 0.0002 |
| 2002 | 24013 | BNAA | 2270002042 | Diesel Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.000353 | 0.000781 | 9.32E-05 |
| 2002 | 24013 | BNAA | 2270002045 | Diesel Eng; Construction & Mining Equip; Cranes | 0.011263 | 0.041121 | 0.00314 |
| 2002 | 24013 | BNAA | 2270002048 | Diesel Eng; Construction & Mining Equip; Graders | 0.014511 | 0.03832 | 0.002997 |
| 2002 | 24013 | BNAA | 2270002051 | Diesel Eng; Construction & Mining Equip; Off-highway Trucks | 0.06304 | 0.142436 | 0.010389 |
| 2002 | 24013 | BNAA | 2270002054 | Diesel Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.002631 | 0.007203 | 0.000639 |
| 2002 | 24013 | BNAA | 2270002057 | Diesel Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.033177 | 0.04823 | 0.00598 |
| 2002 | 24013 | BNAA | 2270002060 | Diesel Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.085339 | 0.18475 | 0.014967 |
| 2002 | 24013 | BNAA | 2270002066 | Diesel Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.10424 | 0.112242 | 0.025837 |
| 2002 | 24013 | BNAA | 2270002069 | Diesel Eng; Construction & Mining Equip; Crawler Tractor/Dozers | 0.073051 | 0.162381 | 0.013009 |
| 2002 | 24013 | BNAA | 2270002072 | Diesel Eng; Construction & Mining Equip; Skid Steer Loaders | 0.09116 | 0.071967 | 0.024945 |
| 2002 | 24013 | BNAA | 2270002075 | Diesel Eng; Construction & Mining Equip; Off-highway Tractors | 0.011055 | 0.019575 | 0.001758 |
| 2002 | 24013 | BNAA | 2270002078 | Diesel Eng; Construction & Mining Equip; Dumpers/Tenders | 0.000261 | 0.000231 | 7.58E-05 |
| 2002 | 24013 | BNAA | 2270002081 | Diesel Eng; Construction & Mining Equip; Other Construction Equip | 0.010601 | 0.019026 | 0.001642 |
| 2002 | 24013 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.001917 | 0.00189 | 0.000557 |
| 2002 | 24013 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.011638 | 0.019948 | 0.001968 |
| 2002 | 24013 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.003581 | 0.010574 | 0.001017 |
| 2002 | 24013 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.003884 | 0.012045 | 0.001102 |
| 2002 | 24013 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.000355 | 0.000556 | 0.000104 |
| 2002 | 24013 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.031939 | 0.061766 | 0.008371 |
| 2002 | 24013 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.004919 | 0.013638 | 0.001077 |
| 2002 | 24013 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 4.8E-06 | 7.86E-06 | 1.58E-06 |
| 2002 | 24013 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.030638 | 0.048763 | 0.009611 |
| 2002 | 24013 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.006695 | 0.010762 | 0.002129 |
| 2002 | 24013 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.032671 | 0.072893 | 0.008242 |
| 2002 | 24013 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.003442 | 0.007343 | 0.000993 |
| 2002 | 24013 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.00011 | 0.000192 | 3.08E-05 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24013 | BNAA | 2270005010 | Diesel Eng; Agricultural Equip; 2-Wheel Tractors | 1.5E-05 | 1.53E-05 | 2.74E-06 |
| 2002 | 24013 | BNAA | 2270005015 | Diesel Eng; Agricultural Equip; Agricultural Tractors | 0.392012 | 0.646842 | 0.080331 |
| 2002 | 24013 | BNAA | 2270005020 | Diesel Eng; Agricultural Equip; Combines | 0.024414 | 0.065576 | 0.00585 |
| 2002 | 24013 | BNAA | 2270005025 | Diesel Eng; Agricultural Equip; Balers | 0.000202 | 0.000279 | 5.88E-05 |
| 2002 | 24013 | BNAA | 2270005030 | Diesel Eng; Agricultural Equip; Agricultural Mowers | 4.84E-05 | 6.2E-05 | 9.86E-06 |
| 2002 | 24013 | BNAA | 2270005035 | Diesel Eng; Agricultural Equip; Sprayers | 0.00275 | 0.004648 | 0.000853 |
| 2002 | 24013 | BNAA | 2270005040 | Diesel Eng; Agricultural Equip; Tillers > 6HP | 8.24E-06 | 1.19E-05 | 1.37E-06 |
| 2002 | 24013 | BNAA | 2270005045 | Diesel Eng; Agricultural Equip; Swathers | 0.002348 | 0.004591 | 0.000527 |
| 2002 | 24013 | BNAA | 2270005055 | Diesel Eng; Agricultural Equip; Other Agricultural Equip | 0.007796 | 0.013528 | 0.001793 |
| 2002 | 24013 | BNAA | 2270005060 | Diesel Eng; Agricultural Equip; Irrigation Sets | 0.003494 | 0.008492 | 0.001104 |
| 2002 | 24013 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.018912 | 0.035305 | 0.005358 |
| 2002 | 24013 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.004399 | 0.008406 | 0.001178 |
| 2002 | 24013 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.010035 | 0.021219 | 0.002656 |
| 2002 | 24013 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.01489 | 0.010273 | 0.004044 |
| 2002 | 24013 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.000569 | 0.001178 | 0.000168 |
| 2002 | 24013 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.000453 | 0.000916 | 0.000124 |
| 2002 | 24013 | BNAA | 2270007015 | Diesel Eng; Logging Equip; Feller-Bunch-Skidder | 0.002809 | 0.008158 | 0.000593 |
| 2002 | 24013 | BNAA | 2270008005 | Diesel Eng; Airport Ground Support Equip; Airport Ground Support Equip | 5.17E-05 | 0.000112 | 9.41E-06 |
| 2002 | 24013 | BNAA | 2270010010 | Diesel Eng; Industrial Equip; Other Oil Field Equipment | 0.001148 | 0.003379 | 0.000279 |
| 2002 | 24013 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 0.551304 | 0.007218 | 0.327724 |
| 2002 | 24013 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 0.199507 | 0.002021 | 0.113953 |
| 2002 | 24013 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.148654 | 0.007089 | 0.011113 |
| 2002 | 24013 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.001249 | 0.007894 | 0.000295 |
| 2002 | 24013 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 4.15E-05 | 5.75E-05 | 1.44E-05 |
| 2002 | 24013 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.001913 | 0.002317 | 0.00045 |
| 2002 | 24013 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.00482 | 4.31E-05 | 0.000149 |
| 2002 | 24013 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 2.28E-05 | 5.71E-06 | 1.54E-06 |
| 2002 | 24025 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.335192 | 0.001365 | 0.410276 |
| 2002 | 24025 | BNAA | 2260001030 | 2-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.330484 | 0.00138 | 0.408524 |
| 2002 | 24025 | BNAA | 2260001060 | 2-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.398931 | 0.003817 | 0.01708 |
| 2002 | 24025 | BNAA | 2260002006 | 2-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.06643 | 0.000471 | 0.028287 |
| 2002 | 24025 | BNAA | 2260002009 | 2-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.003201 | 6.89E-06 | 0.001721 |
| 2002 | 24025 | BNAA | 2260002021 | 2-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.003843 | 8.34E-06 | 0.002047 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24025 | BNAA | 2260002027 | 2-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 2.87E-05 | 7.22E-08 | 1.49E-05 |
| 2002 | 24025 | BNAA | 2260002039 | 2-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.175537 | 0.001127 | 0.075047 |
| 2002 | 24025 | BNAA | 2260002054 | 2-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.00075 | 1.86E-06 | 0.000379 |
| 2002 | 24025 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.000636 | 1.66E-06 | 0.000324 |
| 2002 | 24025 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 5.01E-05 | 1.31E-07 | 2.52E-05 |
| 2002 | 24025 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.012259 | 2.4E-05 | 0.007191 |
| 2002 | 24025 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.058556 | 0.000116 | 0.032297 |
| 2002 | 24025 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.100097 | 0.000196 | 0.065857 |
| 2002 | 24025 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 0.539131 | 0.003317 | 0.257927 |
| 2002 | 24025 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.230696 | 0.00048 | 0.140363 |
| 2002 | 24025 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.581997 | 0.001584 | 0.314474 |
| 2002 | 24025 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.143973 | 0.000286 | 0.089336 |
| 2002 | 24025 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 0.586916 | 0.002522 | 0.286332 |
| 2002 | 24025 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.01016 |
| 2002 | 24025 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.001613 |
| 2002 | 24025 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.000237 | 4.86E-07 | 0.000125 |
| 2002 | 24025 | BNAA | 2260005035 | 2-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.001227 | 2.67E-06 | 0.000675 |
| 2002 | 24025 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.009398 | 2.01E-05 | 0.005126 |
| 2002 | 24025 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.066159 | 0.00016 | 0.034818 |
| 2002 | 24025 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 2.41E-05 | 6.21E-08 | 1.21E-05 |
| 2002 | 24025 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.00038 | 9.69E-07 | 0.00019 |
| 2002 | 24025 | BNAA | 2260007005 | 2-Stroke Gas Eng; Logging Equip; Chain Saws > 6 HP | 0.012724 | 8.62E-05 | 0.005624 |
| 2002 | 24025 | BNAA | 2265001010 | 4-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.152072 | 0.001615 | 0.016112 |
| 2002 | 24025 | BNAA | 2265001030 | 4-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 1.370861 | 0.014578 | 0.164744 |
| 2002 | 24025 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 2.087553 | 0.01286 | 0.041708 |
| 2002 | 24025 | BNAA | 2265001060 | 4-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.358307 | 0.002804 | 0.018094 |
| 2002 | 24025 | BNAA | 2265002003 | 4-Stroke Gas Eng; Construction & Mining Equip; Pavers | 0.060595 | 0.000719 | 0.001512 |
| 2002 | 24025 | BNAA | 2265002006 | 4-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.000476 | 3.97E-06 | 1.36E-05 |
| 2002 | 24025 | BNAA | 2265002009 | 4-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.111992 | 0.000856 | 0.005835 |
| 2002 | 24025 | BNAA | 2265002015 | 4-Stroke Gas Eng; Construction & Mining Equip; Rollers | 0.11381 | 0.001242 | 0.002431 |
| 2002 | 24025 | BNAA | 2265002021 | 4-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.219277 | 0.001798 | 0.008631 |
| 2002 | 24025 | BNAA | 2265002024 | 4-Stroke Gas Eng; Construction & Mining Equip; Surfacing Equip | 0.099389 | 0.000748 | 0.00299 |
| 2002 | 24025 | BNAA | 2265002027 | 4-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.005097 | 3.54E-05 | 0.000206 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24025 | BNAA | 2265002030 | 4-Stroke Gas Eng; Construction & Mining Equip; Trenchers | 0.185923 | 0.002176 | 0.005898 |
| 2002 | 24025 | BNAA | 2265002033 | 4-Stroke Gas Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.054785 | 0.000684 | 0.003587 |
| 2002 | 24025 | BNAA | 2265002039 | 4-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.458982 | 0.003698 | 0.00863 |
| 2002 | 24025 | BNAA | 2265002042 | 4-Stroke Gas Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.191996 | 0.001397 | 0.009607 |
| 2002 | 24025 | BNAA | 2265002045 | 4-Stroke Gas Eng; Construction & Mining Equip; Cranes | 0.007682 | 0.000358 | 0.000305 |
| 2002 | 24025 | BNAA | 2265002054 | 4-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.026962 | 0.000241 | 0.000786 |
| 2002 | 24025 | BNAA | 2265002057 | 4-Stroke Gas Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.010067 | 0.000618 | 0.000448 |
| 2002 | 24025 | BNAA | 2265002060 | 4-Stroke Gas Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.024134 | 0.001533 | 0.001076 |
| 2002 | 24025 | BNAA | 2265002066 | 4-Stroke Gas Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.144545 | 0.001159 | 0.002971 |
| 2002 | 24025 | BNAA | 2265002072 | 4-Stroke Gas Eng; Construction & Mining Equip; Skid Steer Loaders | 0.063951 | 0.001628 | 0.002133 |
| 2002 | 24025 | BNAA | 2265002078 | 4-Stroke Gas Eng; Construction & Mining Equip; Dumpers/Tenders | 0.029901 | 0.000229 | 0.001415 |
| 2002 | 24025 | BNAA | 2265002081 | 4-Stroke Gas Eng; Construction & Mining Equip; Other Construction Equip | 0.008489 | 0.000536 | 0.000392 |
| 2002 | 24025 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.062773 | 0.002108 | 0.002369 |
| 2002 | 24025 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.141805 | 0.008891 | 0.006212 |
| 2002 | 24025 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.06093 | 0.001581 | 0.001969 |
| 2002 | 24025 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.155686 | 0.001404 | 0.006839 |
| 2002 | 24025 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.004799 | 0.00014 | 0.000169 |
| 2002 | 24025 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.006604 | 5.17E-05 | 0.000174 |
| 2002 | 24025 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.014912 | 0.00093 | 0.000649 |
| 2002 | 24025 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 2.459582 | 0.017823 | 0.284522 |
| 2002 | 24025 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 2.123554 | 0.015106 | 0.163304 |
| 2002 | 24025 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.207179 | 0.001513 | 0.024548 |
| 2002 | 24025 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 1.034563 | 0.007614 | 0.082405 |
| 2002 | 24025 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.013813 | 0.000102 | 0.001663 |
| 2002 | 24025 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.052746 | 0.000392 | 0.003109 |
| 2002 | 24025 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.026403 | 0.000197 | 0.002937 |
| 2002 | 24025 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 2.110737 | 0.025855 | 0.061329 |
| 2002 | 24025 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.020264 |
| 2002 | 24025 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.003589 |
| 2002 | 24025 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 0.578435 | 0.004649 | 0.028647 |
| 2002 | 24025 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 0.273314 | 0.002096 | 0.006197 |
| 2002 | 24025 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.295118 | 0.002211 | 0.01081 |
| 2002 | 24025 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.118549 | 0.000866 | 0.010157 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24025 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 7.690925 | 0.063875 | 0.334151 |
| 2002 | 24025 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 3.675655 | 0.029267 | 0.082971 |
| 2002 | 24025 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.4881 | 0.009349 | 0.01195 |
| 2002 | 24025 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 11.36958 | 0.1025 | 0.289644 |
| 2002 | 24025 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.251044 | 0.001752 | 0.015728 |
| 2002 | 24025 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.321435 | 0.002274 | 0.020281 |
| 2002 | 24025 | BNAA | 2265005010 | 4-Stroke Gas Eng; Agricultural Equip; 2-Wheel Tractors | 0.004481 | 3.39E-05 | 9.83E-05 |
| 2002 | 24025 | BNAA | 2265005015 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Tractors | 0.009034 | 0.000374 | 0.00031 |
| 2002 | 24025 | BNAA | 2265005020 | 4-Stroke Gas Eng; Agricultural Equip; Combines | 3.81E-05 | 2.48E-06 | 1.97E-06 |
| 2002 | 24025 | BNAA | 2265005025 | 4-Stroke Gas Eng; Agricultural Equip; Balers | 0.004114 | 0.000268 | 0.00024 |
| 2002 | 24025 | BNAA | 2265005030 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Mowers | 0.003491 | 2.78E-05 | 0.000105 |
| 2002 | 24025 | BNAA | 2265005035 | 4-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0298 | 0.000436 | 0.001496 |
| 2002 | 24025 | BNAA | 2265005040 | 4-Stroke Gas Eng; Agricultural Equip; Tillers > 6 HP | 0.074125 | 0.000418 | 0.003115 |
| 2002 | 24025 | BNAA | 2265005045 | 4-Stroke Gas Eng; Agricultural Equip; Swathers | 0.006528 | 0.000425 | 0.000347 |
| 2002 | 24025 | BNAA | 2265005055 | 4-Stroke Gas Eng; Agricultural Equip; Other Agricultural Equip | 0.013531 | 0.000508 | 0.000562 |
| 2002 | 24025 | BNAA | 2265005060 | 4-Stroke Gas Eng; Agricultural Equip; Irrigation Sets | 0.012712 | 0.00074 | 0.000568 |
| 2002 | 24025 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 2.783814 | 0.021816 | 0.116202 |
| 2002 | 24025 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 0.643245 | 0.006601 | 0.030621 |
| 2002 | 24025 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 0.319552 | 0.004548 | 0.012056 |
| 2002 | 24025 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 0.802814 | 0.008217 | 0.020479 |
| 2002 | 24025 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 1.21921 | 0.009623 | 0.056229 |
| 2002 | 24025 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.061709 | 0.00048 | 0.001873 |
| 2002 | 24025 | BNAA | 2265007010 | 2-Stroke Gas Eng; Logging Equip; Shredders > 6 HP | 0.028843 | 0.000207 | 0.001261 |
| 2002 | 24025 | BNAA | 2265007015 | 2-Stroke Gas Eng; Logging Equip; Feller-Bunch-Skidder | 0.000346 | 2.34E-06 | 1.67E-05 |
| 2002 | 24025 | BNAA | 2265010010 | 4-Stroke Gas Eng; Industrial Equip; Other Oil Field Equipment | 0.020344 | 0.000124 | 0.000332 |
| 2002 | 24025 | BNAA | 2267001060 | LPG Eng; Recreational Equip; Specialty Vehicles/Carts | 0.00382 | 0.000955 | 0.000259 |
| 2002 | 24025 | BNAA | 2267002003 | LPG Eng; Construction & Mining Equip; Pavers | 0.001595 | 0.000395 | 0.000108 |
| 2002 | 24025 | BNAA | 2267002015 | LPG Eng; Construction & Mining Equip; Rollers | 0.002756 | 0.000677 | 0.000186 |
| 2002 | 24025 | BNAA | 2267002021 | LPG Eng; Construction & Mining Equip; Paving Equip | 0.000418 | 0.000105 | 2.83E-05 |
| 2002 | 24025 | BNAA | 2267002024 | LPG Eng; Construction & Mining Equip; Surfacing Equip | 0.000279 | 6.9E-05 | 1.89E-05 |
| 2002 | 24025 | BNAA | 2267002030 | LPG Eng; Construction & Mining Equip; Trenchers | 0.004901 | 0.001215 | 0.000331 |
| 2002 | 24025 | BNAA | 2267002033 | LPG Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.001586 | 0.000401 | 0.000108 |
| 2002 | 24025 | BNAA | 2267002039 | LPG Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.004765 | 0.001156 | 0.00032 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|---|----------|----------|----------|
| 2002 | 24025 | BNAA | 2267002045 | LPG Eng; Construction & Mining Equip; Cranes | 0.001709 | 0.000428 | 0.000116 |
| 2002 | 24025 | BNAA | 2267002054 | LPG Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.000277 | 6.92E-05 | 1.87E-05 |
| 2002 | 24025 | BNAA | 2267002057 | LPG Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.003109 | 0.000774 | 0.00021 |
| 2002 | 24025 | BNAA | 2267002060 | LPG Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.007812 | 0.00193 | 0.000527 |
| 2002 | 24025 | BNAA | 2267002066 | LPG Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.000825 | 0.000203 | 5.56E-05 |
| 2002 | 24025 | BNAA | 2267002072 | LPG Eng; Construction & Mining Equip; Skid Steer Loaders | 0.006354 | 0.001587 | 0.00043 |
| 2002 | 24025 | BNAA | 2267002081 | LPG Eng; Construction & Mining Equip; Other Construction Equip | 0.002561 | 0.000643 | 0.000174 |
| 2002 | 24025 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.011658 | 0.002937 | 0.000791 |
| 2002 | 24025 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 1.116382 | 0.276682 | 0.07544 |
| 2002 | 24025 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.008605 | 0.002106 | 0.00058 |
| 2002 | 24025 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.002636 | 0.000651 | 0.000178 |
| 2002 | 24025 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.00063 | 0.000158 | 4.27E-05 |
| 2002 | 24025 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.005276 | 0.001287 | 0.000355 |
| 2002 | 24025 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.031601 | 0.0078 | 0.002133 |
| 2002 | 24025 | BNAA | 2267005055 | LPG Eng; Agri Equip; Other Equip | 2.62E-05 | 6.52E-06 | 1.77E-06 |
| 2002 | 24025 | BNAA | 2267005060 | LPG Eng; Agricultural Equip; Irrigation Sets | 4.1E-05 | 1.01E-05 | 2.76E-06 |
| 2002 | 24025 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.029289 | 0.01099 | 0.002232 |
| 2002 | 24025 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.006933 | 0.002558 | 0.000526 |
| 2002 | 24025 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.008463 | 0.003087 | 0.00064 |
| 2002 | 24025 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.015276 | 0.00385 | 0.001037 |
| 2002 | 24025 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.000195 | 4.97E-05 | 1.33E-05 |
| 2002 | 24025 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.000134 | 4.85E-05 | 1.01E-05 |
| 2002 | 24025 | BNAA | 2268002081 | CNG Eng; Construction & Mining Equip; Other Construction Equip | 0.000101 | 2.53E-05 | 4.02E-07 |
| 2002 | 24025 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.081406 | 0.020143 | 0.000324 |
| 2002 | 24025 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 9.26E-05 | 2.29E-05 | 3.69E-07 |
| 2002 | 24025 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 5.04E-05 | 1.25E-05 | 2.01E-07 |
| 2002 | 24025 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.000323 | 7.94E-05 | 1.28E-06 |
| 2002 | 24025 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.000381 | 9.29E-05 | 1.51E-06 |
| 2002 | 24025 | BNAA | 2268005055 | CNG Eng; Agri Equip; Other Equip | 4.21E-05 | 9.64E-06 | 1.65E-07 |
| 2002 | 24025 | BNAA | 2268005060 | CNG Eng; Agricultural Equip; Irrigation Sets | 0.003058 | 0.000712 | 1.2E-05 |
| 2002 | 24025 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.009729 | 0.003604 | 4.36E-05 |
| 2002 | 24025 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.000502 | 0.000184 | 2.24E-06 |
| 2002 | 24025 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.000721 | 0.000261 | 3.21E-06 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|---|----------|----------|----------|
| 2002 | 24025 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.041836 | 0.00935 | 0.000163 |
| 2002 | 24025 | BNAA | 2268010010 | CNG Eng; Industrial Equip; Other Oil Field Equipment | 0.002297 | 0.00054 | 9.03E-06 |
| 2002 | 24025 | BNAA | 2270001060 | Diesel Eng; Recreational Equip; Specialty Vehicles/Carts | 0.011749 | 0.009878 | 0.003157 |
| 2002 | 24025 | BNAA | 2270002003 | Diesel Eng; Construction & Mining Equip; Pavers | 0.016273 | 0.03206 | 0.003092 |
| 2002 | 24025 | BNAA | 2270002006 | Diesel Eng; Construction & Mining Equip; Tampers/Rammers | 4.1E-05 | 7.05E-05 | 1.15E-05 |
| 2002 | 24025 | BNAA | 2270002009 | Diesel Eng; Construction & Mining Equip; Plate Compactors | 0.000657 | 0.001099 | 0.000192 |
| 2002 | 24025 | BNAA | 2270002015 | Diesel Eng; Construction & Mining Equip; Rollers | 0.046823 | 0.079546 | 0.008764 |
| 2002 | 24025 | BNAA | 2270002018 | Diesel Eng; Construction & Mining Equip; Scrapers | 0.042329 | 0.092133 | 0.006434 |
| 2002 | 24025 | BNAA | 2270002021 | Diesel Eng; Construction & Mining Equip; Paving Equip | 0.00303 | 0.005058 | 0.000564 |
| 2002 | 24025 | BNAA | 2270002024 | Diesel Eng; Construction & Mining Equip; Surfacing Equip | 0.002287 | 0.003409 | 0.000389 |
| 2002 | 24025 | BNAA | 2270002027 | Diesel Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.00598 | 0.009604 | 0.001894 |
| 2002 | 24025 | BNAA | 2270002030 | Diesel Eng; Construction & Mining Equip; Trenchers | 0.028119 | 0.037019 | 0.00522 |
| 2002 | 24025 | BNAA | 2270002033 | Diesel Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.016878 | 0.043911 | 0.00409 |
| 2002 | 24025 | BNAA | 2270002036 | Diesel Eng; Construction & Mining Equip; Excavators | 0.129854 | 0.317872 | 0.025367 |
| 2002 | 24025 | BNAA | 2270002039 | Diesel Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.002176 | 0.002493 | 0.000421 |
| 2002 | 24025 | BNAA | 2270002042 | Diesel Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.000744 | 0.001646 | 0.000196 |
| 2002 | 24025 | BNAA | 2270002045 | Diesel Eng; Construction & Mining Equip; Cranes | 0.023731 | 0.086645 | 0.006615 |
| 2002 | 24025 | BNAA | 2270002048 | Diesel Eng; Construction & Mining Equip; Graders | 0.030577 | 0.080743 | 0.006315 |
| 2002 | 24025 | BNAA | 2270002051 | Diesel Eng; Construction & Mining Equip; Off-highway Trucks | 0.132829 | 0.300123 | 0.02189 |
| 2002 | 24025 | BNAA | 2270002054 | Diesel Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.005544 | 0.015177 | 0.001345 |
| 2002 | 24025 | BNAA | 2270002057 | Diesel Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.069907 | 0.101624 | 0.012601 |
| 2002 | 24025 | BNAA | 2270002060 | Diesel Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.179816 | 0.389282 | 0.031536 |
| 2002 | 24025 | BNAA | 2270002066 | Diesel Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.219642 | 0.236503 | 0.05444 |
| 2002 | 24025 | BNAA | 2270002069 | Diesel Eng; Construction & Mining Equip; Crawler Tractor/Dozers | 0.153924 | 0.34215 | 0.027411 |
| 2002 | 24025 | BNAA | 2270002072 | Diesel Eng; Construction & Mining Equip; Skid Steer Loaders | 0.192081 | 0.15164 | 0.052561 |
| 2002 | 24025 | BNAA | 2270002075 | Diesel Eng; Construction & Mining Equip; Off-highway Tractors | 0.023294 | 0.041246 | 0.003703 |
| 2002 | 24025 | BNAA | 2270002078 | Diesel Eng; Construction & Mining Equip; Dumpers/Tenders | 0.000549 | 0.000487 | 0.00016 |
| 2002 | 24025 | BNAA | 2270002081 | Diesel Eng; Construction & Mining Equip; Other Construction Equip | 0.022337 | 0.04009 | 0.003459 |
| 2002 | 24025 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.003095 | 0.003053 | 0.0009 |
| 2002 | 24025 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.018795 | 0.032214 | 0.003177 |
| 2002 | 24025 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.005783 | 0.017075 | 0.001643 |
| 2002 | 24025 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.006273 | 0.019451 | 0.001779 |
| 2002 | 24025 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.000574 | 0.000898 | 0.000167 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24025 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.045579 | 0.088143 | 0.011945 |
| 2002 | 24025 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.007943 | 0.022025 | 0.00174 |
| 2002 | 24025 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 3.5E-06 | 5.73E-06 | 1.15E-06 |
| 2002 | 24025 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.022338 | 0.035552 | 0.007007 |
| 2002 | 24025 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.004881 | 0.007846 | 0.001552 |
| 2002 | 24025 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.02382 | 0.053145 | 0.006009 |
| 2002 | 24025 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.00251 | 0.005354 | 0.000724 |
| 2002 | 24025 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 8.02E-05 | 0.00014 | 2.24E-05 |
| 2002 | 24025 | BNAA | 2270005010 | Diesel Eng; Agricultural Equip; 2-Wheel Tractors | 6.81E-06 | 6.96E-06 | 1.25E-06 |
| 2002 | 24025 | BNAA | 2270005015 | Diesel Eng; Agricultural Equip; Agricultural Tractors | 0.178572 | 0.294654 | 0.036593 |
| 2002 | 24025 | BNAA | 2270005020 | Diesel Eng; Agricultural Equip; Combines | 0.011121 | 0.029871 | 0.002665 |
| 2002 | 24025 | BNAA | 2270005025 | Diesel Eng; Agricultural Equip; Balers | 9.22E-05 | 0.000127 | 2.68E-05 |
| 2002 | 24025 | BNAA | 2270005030 | Diesel Eng; Agricultural Equip; Agricultural Mowers | 2.21E-05 | 2.82E-05 | 4.49E-06 |
| 2002 | 24025 | BNAA | 2270005035 | Diesel Eng; Agricultural Equip; Sprayers | 0.001253 | 0.002117 | 0.000389 |
| 2002 | 24025 | BNAA | 2270005040 | Diesel Eng; Agricultural Equip; Tillers > 6HP | 3.76E-06 | 5.44E-06 | 6.22E-07 |
| 2002 | 24025 | BNAA | 2270005045 | Diesel Eng; Agricultural Equip; Swathers | 0.00107 | 0.002091 | 0.00024 |
| 2002 | 24025 | BNAA | 2270005055 | Diesel Eng; Agricultural Equip; Other Agricultural Equip | 0.003551 | 0.006163 | 0.000817 |
| 2002 | 24025 | BNAA | 2270005060 | Diesel Eng; Agricultural Equip; Irrigation Sets | 0.001592 | 0.003868 | 0.000503 |
| 2002 | 24025 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.025634 | 0.047853 | 0.007262 |
| 2002 | 24025 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.005962 | 0.011393 | 0.001597 |
| 2002 | 24025 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.013602 | 0.028761 | 0.0036 |
| 2002 | 24025 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.020182 | 0.013925 | 0.005481 |
| 2002 | 24025 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.000771 | 0.001596 | 0.000228 |
| 2002 | 24025 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.000614 | 0.001241 | 0.000167 |
| 2002 | 24025 | BNAA | 2270007015 | Diesel Eng; Logging Equip; Feller-Bunch-Skidder | 0.004244 | 0.012324 | 0.000896 |
| 2002 | 24025 | BNAA | 2270010010 | Diesel Eng; Industrial Equip; Other Oil Field Equipment | 0.000522 | 0.001536 | 0.000127 |
| 2002 | 24025 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 5.099565 | 0.066763 | 3.031445 |
| 2002 | 24025 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 1.845441 | 0.018691 | 1.054065 |
| 2002 | 24025 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Sterndrive | 3.103159 | 0.147977 | 0.231992 |
| 2002 | 24025 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.026067 | 0.164796 | 0.006165 |
| 2002 | 24025 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 0.000383 | 0.000532 | 0.000133 |
| 2002 | 24025 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.003493 | 0.004229 | 0.000821 |
| 2002 | 24025 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.008799 | 7.87E-05 | 0.000272 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24025 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 4.17E-05 | 1.04E-05 | 2.82E-06 |
| 2002 | 24027 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.067038 | 0.000273 | 0.082055 |
| 2002 | 24027 | BNAA | 2260001030 | 2-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.066097 | 0.000276 | 0.081705 |
| 2002 | 24027 | BNAA | 2260001060 | 2-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.079786 | 0.000763 | 0.003416 |
| 2002 | 24027 | BNAA | 2260002006 | 2-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.047683 | 0.000338 | 0.020304 |
| 2002 | 24027 | BNAA | 2260002009 | 2-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.002298 | 4.94E-06 | 0.001235 |
| 2002 | 24027 | BNAA | 2260002021 | 2-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.002759 | 5.99E-06 | 0.001469 |
| 2002 | 24027 | BNAA | 2260002027 | 2-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 2.06E-05 | 5.18E-08 | 1.07E-05 |
| 2002 | 24027 | BNAA | 2260002039 | 2-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.125998 | 0.000809 | 0.053868 |
| 2002 | 24027 | BNAA | 2260002054 | 2-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.000538 | 1.33E-06 | 0.000272 |
| 2002 | 24027 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.000863 | 2.26E-06 | 0.00044 |
| 2002 | 24027 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 6.8E-05 | 1.78E-07 | 3.42E-05 |
| 2002 | 24027 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.013665 | 2.67E-05 | 0.008015 |
| 2002 | 24027 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.172308 | 0.000342 | 0.095037 |
| 2002 | 24027 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.111571 | 0.000218 | 0.073406 |
| 2002 | 24027 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 1.586446 | 0.009761 | 0.758975 |
| 2002 | 24027 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.25714 | 0.000535 | 0.156453 |
| 2002 | 24027 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 1.712583 | 0.004661 | 0.92537 |
| 2002 | 24027 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.160477 | 0.000319 | 0.099576 |
| 2002 | 24027 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.727058 | 0.007421 | 0.842559 |
| 2002 | 24027 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.011324 |
| 2002 | 24027 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.004746 |
| 2002 | 24027 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.000697 | 1.43E-06 | 0.000369 |
| 2002 | 24027 | BNAA | 2260005035 | 2-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.000557 | 1.21E-06 | 0.000306 |
| 2002 | 24027 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.024979 | 5.35E-05 | 0.013624 |
| 2002 | 24027 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.175836 | 0.000425 | 0.09254 |
| 2002 | 24027 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 6.4E-05 | 1.65E-07 | 3.2E-05 |
| 2002 | 24027 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.001009 | 2.58E-06 | 0.000506 |
| 2002 | 24027 | BNAA | 2260007005 | 2-Stroke Gas Eng; Logging Equip; Chain Saws > 6 HP | 0.005739 | 3.89E-05 | 0.002537 |
| 2002 | 24027 | BNAA | 2265001010 | 4-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.030414 | 0.000323 | 0.003222 |
| 2002 | 24027 | BNAA | 2265001030 | 4-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.274172 | 0.002916 | 0.032949 |
| 2002 | 24027 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 1.623652 | 0.010002 | 0.032439 |
| 2002 | 24027 | BNAA | 2265001060 | 4-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.071661 | 0.000561 | 0.003619 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24027 | BNAA | 2265002003 | 4-Stroke Gas Eng; Construction & Mining Equip; Pavers | 0.043494 | 0.000516 | 0.001085 |
| 2002 | 24027 | BNAA | 2265002006 | 4-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.000342 | 2.85E-06 | 9.75E-06 |
| 2002 | 24027 | BNAA | 2265002009 | 4-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.080386 | 0.000615 | 0.004189 |
| 2002 | 24027 | BNAA | 2265002015 | 4-Stroke Gas Eng; Construction & Mining Equip; Rollers | 0.081691 | 0.000891 | 0.001745 |
| 2002 | 24027 | BNAA | 2265002021 | 4-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.157394 | 0.001291 | 0.006195 |
| 2002 | 24027 | BNAA | 2265002024 | 4-Stroke Gas Eng; Construction & Mining Equip; Surfacing Equip | 0.07134 | 0.000537 | 0.002147 |
| 2002 | 24027 | BNAA | 2265002027 | 4-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.003658 | 2.54E-05 | 0.000148 |
| 2002 | 24027 | BNAA | 2265002030 | 4-Stroke Gas Eng; Construction & Mining Equip; Trenchers | 0.133453 | 0.001562 | 0.004234 |
| 2002 | 24027 | BNAA | 2265002033 | 4-Stroke Gas Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.039324 | 0.000491 | 0.002575 |
| 2002 | 24027 | BNAA | 2265002039 | 4-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.329451 | 0.002655 | 0.006195 |
| 2002 | 24027 | BNAA | 2265002042 | 4-Stroke Gas Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.137812 | 0.001003 | 0.006895 |
| 2002 | 24027 | BNAA | 2265002045 | 4-Stroke Gas Eng; Construction & Mining Equip; Cranes | 0.005514 | 0.000257 | 0.000219 |
| 2002 | 24027 | BNAA | 2265002054 | 4-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.019353 | 0.000173 | 0.000564 |
| 2002 | 24027 | BNAA | 2265002057 | 4-Stroke Gas Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.007226 | 0.000444 | 0.000321 |
| 2002 | 24027 | BNAA | 2265002060 | 4-Stroke Gas Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.017323 | 0.0011 | 0.000772 |
| 2002 | 24027 | BNAA | 2265002066 | 4-Stroke Gas Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.103752 | 0.000832 | 0.002133 |
| 2002 | 24027 | BNAA | 2265002072 | 4-Stroke Gas Eng; Construction & Mining Equip; Skid Steer Loaders | 0.045903 | 0.001168 | 0.001531 |
| 2002 | 24027 | BNAA | 2265002078 | 4-Stroke Gas Eng; Construction & Mining Equip; Dumpers/Tenders | 0.021463 | 0.000164 | 0.001015 |
| 2002 | 24027 | BNAA | 2265002081 | 4-Stroke Gas Eng; Construction & Mining Equip; Other Construction Equip | 0.006093 | 0.000385 | 0.000282 |
| 2002 | 24027 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.085255 | 0.002863 | 0.003218 |
| 2002 | 24027 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.192593 | 0.012076 | 0.008437 |
| 2002 | 24027 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.082752 | 0.002147 | 0.002674 |
| 2002 | 24027 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.211446 | 0.001907 | 0.009288 |
| 2002 | 24027 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.006517 | 0.00019 | 0.00023 |
| 2002 | 24027 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.007549 | 5.91E-05 | 0.000199 |
| 2002 | 24027 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.020253 | 0.001263 | 0.000882 |
| 2002 | 24027 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 2.741522 | 0.019867 | 0.317137 |
| 2002 | 24027 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 6.248765 | 0.04445 | 0.480537 |
| 2002 | 24027 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.230928 | 0.001686 | 0.027362 |
| 2002 | 24027 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 3.044302 | 0.022406 | 0.242485 |
| 2002 | 24027 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.015396 | 0.000114 | 0.001854 |
| 2002 | 24027 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.155211 | 0.001153 | 0.009149 |
| 2002 | 24027 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.029429 | 0.000219 | 0.003274 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24027 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 6.211051 | 0.076081 | 0.180466 |
| 2002 | 24027 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.022587 |
| 2002 | 24027 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.010562 |
| 2002 | 24027 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 0.644741 | 0.005182 | 0.03193 |
| 2002 | 24027 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 0.804254 | 0.006166 | 0.018235 |
| 2002 | 24027 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.868414 | 0.006506 | 0.031809 |
| 2002 | 24027 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.348843 | 0.002549 | 0.029889 |
| 2002 | 24027 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 8.572529 | 0.071197 | 0.372454 |
| 2002 | 24027 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 10.81598 | 0.086122 | 0.24415 |
| 2002 | 24027 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 1.436282 | 0.027511 | 0.035164 |
| 2002 | 24027 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 33.45611 | 0.301618 | 0.852305 |
| 2002 | 24027 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.279821 | 0.001952 | 0.017531 |
| 2002 | 24027 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.945853 | 0.006692 | 0.059677 |
| 2002 | 24027 | BNAA | 2265005010 | 4-Stroke Gas Eng; Agricultural Equip; 2-Wheel Tractors | 0.002033 | 1.54E-05 | 4.46E-05 |
| 2002 | 24027 | BNAA | 2265005015 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Tractors | 0.004098 | 0.00017 | 0.000141 |
| 2002 | 24027 | BNAA | 2265005020 | 4-Stroke Gas Eng; Agricultural Equip; Combines | 1.73E-05 | 1.13E-06 | 8.96E-07 |
| 2002 | 24027 | BNAA | 2265005025 | 4-Stroke Gas Eng; Agricultural Equip; Balers | 0.001866 | 0.000122 | 0.000109 |
| 2002 | 24027 | BNAA | 2265005030 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Mowers | 0.001584 | 1.26E-05 | 4.74E-05 |
| 2002 | 24027 | BNAA | 2265005035 | 4-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.013518 | 0.000198 | 0.000679 |
| 2002 | 24027 | BNAA | 2265005040 | 4-Stroke Gas Eng; Agricultural Equip; Tillers > 6 HP | 0.033626 | 0.00019 | 0.001413 |
| 2002 | 24027 | BNAA | 2265005045 | 4-Stroke Gas Eng; Agricultural Equip; Swathers | 0.002961 | 0.000193 | 0.000157 |
| 2002 | 24027 | BNAA | 2265005055 | 4-Stroke Gas Eng; Agricultural Equip; Other Agricultural Equip | 0.006138 | 0.000231 | 0.000255 |
| 2002 | 24027 | BNAA | 2265005060 | 4-Stroke Gas Eng; Agricultural Equip; Irrigation Sets | 0.005767 | 0.000336 | 0.000258 |
| 2002 | 24027 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 7.398759 | 0.057981 | 0.30884 |
| 2002 | 24027 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 1.709602 | 0.017544 | 0.081385 |
| 2002 | 24027 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 0.849299 | 0.012088 | 0.032043 |
| 2002 | 24027 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 2.1337 | 0.021838 | 0.054428 |
| 2002 | 24027 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 3.24039 | 0.025577 | 0.149445 |
| 2002 | 24027 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.164008 | 0.001276 | 0.004977 |
| 2002 | 24027 | BNAA | 2265007010 | 2-Stroke Gas Eng; Logging Equip; Shredders > 6 HP | 0.013009 | 9.33E-05 | 0.000569 |
| 2002 | 24027 | BNAA | 2265007015 | 2-Stroke Gas Eng; Logging Equip; Feller-Bunch-Skidder | 0.000156 | 1.05E-06 | 7.55E-06 |
| 2002 | 24027 | BNAA | 2265010010 | 4-Stroke Gas Eng; Industrial Equip; Other Oil Field Equipment | 0.016276 | 9.95E-05 | 0.000266 |
| 2002 | 24027 | BNAA | 2267001060 | LPG Eng; Recreational Equip; Specialty Vehicles/Carts | 0.000764 | 0.000191 | 5.17E-05 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|---|----------|----------|----------|
| 2002 | 24027 | BNAA | 2267002003 | LPG Eng; Construction & Mining Equip; Pavers | 0.001145 | 0.000284 | 7.74E-05 |
| 2002 | 24027 | BNAA | 2267002015 | LPG Eng; Construction & Mining Equip; Rollers | 0.001978 | 0.000486 | 0.000133 |
| 2002 | 24027 | BNAA | 2267002021 | LPG Eng; Construction & Mining Equip; Paving Equip | 0.0003 | 7.51E-05 | 2.03E-05 |
| 2002 | 24027 | BNAA | 2267002024 | LPG Eng; Construction & Mining Equip; Surfacing Equip | 0.000201 | 4.96E-05 | 1.35E-05 |
| 2002 | 24027 | BNAA | 2267002030 | LPG Eng; Construction & Mining Equip; Trenchers | 0.003518 | 0.000872 | 0.000238 |
| 2002 | 24027 | BNAA | 2267002033 | LPG Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.001138 | 0.000288 | 7.73E-05 |
| 2002 | 24027 | BNAA | 2267002039 | LPG Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.003421 | 0.00083 | 0.00023 |
| 2002 | 24027 | BNAA | 2267002045 | LPG Eng; Construction & Mining Equip; Cranes | 0.001227 | 0.000307 | 8.31E-05 |
| 2002 | 24027 | BNAA | 2267002054 | LPG Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.000199 | 4.97E-05 | 1.35E-05 |
| 2002 | 24027 | BNAA | 2267002057 | LPG Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.002231 | 0.000555 | 0.000151 |
| 2002 | 24027 | BNAA | 2267002060 | LPG Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.005607 | 0.001385 | 0.000379 |
| 2002 | 24027 | BNAA | 2267002066 | LPG Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.000592 | 0.000146 | 3.99E-05 |
| 2002 | 24027 | BNAA | 2267002072 | LPG Eng; Construction & Mining Equip; Skid Steer Loaders | 0.004561 | 0.001139 | 0.000309 |
| 2002 | 24027 | BNAA | 2267002081 | LPG Eng; Construction & Mining Equip; Other Construction Equip | 0.001838 | 0.000461 | 0.000125 |
| 2002 | 24027 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.015834 | 0.003988 | 0.001074 |
| 2002 | 24027 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 1.516218 | 0.375776 | 0.10246 |
| 2002 | 24027 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.011687 | 0.002861 | 0.000787 |
| 2002 | 24027 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.00358 | 0.000884 | 0.000242 |
| 2002 | 24027 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.000856 | 0.000215 | 5.8E-05 |
| 2002 | 24027 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.007166 | 0.001749 | 0.000482 |
| 2002 | 24027 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.092989 | 0.022951 | 0.006277 |
| 2002 | 24027 | BNAA | 2267005055 | LPG Eng; Agri Equip; Other Equip | 1.19E-05 | 2.96E-06 | 8.03E-07 |
| 2002 | 24027 | BNAA | 2267005060 | LPG Eng; Agricultural Equip; Irrigation Sets | 1.86E-05 | 4.56E-06 | 1.25E-06 |
| 2002 | 24027 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.077845 | 0.02921 | 0.005931 |
| 2002 | 24027 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.018427 | 0.006798 | 0.001398 |
| 2002 | 24027 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.022494 | 0.008205 | 0.001702 |
| 2002 | 24027 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.040599 | 0.010231 | 0.002755 |
| 2002 | 24027 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.000517 | 0.000132 | 3.52E-05 |
| 2002 | 24027 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.000355 | 0.000129 | 2.68E-05 |
| 2002 | 24027 | BNAA | 2268002081 | CNG Eng; Construction & Mining Equip; Other Construction Equip | 7.23E-05 | 1.81E-05 | 2.89E-07 |
| 2002 | 24027 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.110562 | 0.027357 | 0.00044 |
| 2002 | 24027 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 0.000126 | 3.11E-05 | 5.01E-07 |
| 2002 | 24027 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 6.85E-05 | 1.69E-05 | 2.73E-07 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|---|----------|----------|----------|
| 2002 | 24027 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.000369 | 9.08E-05 | 1.47E-06 |
| 2002 | 24027 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.000518 | 0.000126 | 2.05E-06 |
| 2002 | 24027 | BNAA | 2268005055 | CNG Eng; Agri Equip; Other Equip | 1.91E-05 | 4.37E-06 | 7.47E-08 |
| 2002 | 24027 | BNAA | 2268005060 | CNG Eng; Agricultural Equip; Irrigation Sets | 0.001387 | 0.000323 | 5.44E-06 |
| 2002 | 24027 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.025858 | 0.009577 | 0.000116 |
| 2002 | 24027 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.001334 | 0.000489 | 5.95E-06 |
| 2002 | 24027 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.001915 | 0.000694 | 8.53E-06 |
| 2002 | 24027 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.11119 | 0.024851 | 0.000432 |
| 2002 | 24027 | BNAA | 2268010010 | CNG Eng; Industrial Equip; Other Oil Field Equipment | 0.001838 | 0.000432 | 7.23E-06 |
| 2002 | 24027 | BNAA | 2270001060 | Diesel Eng; Recreational Equip; Specialty Vehicles/Carts | 0.00235 | 0.001976 | 0.000631 |
| 2002 | 24027 | BNAA | 2270002003 | Diesel Eng; Construction & Mining Equip; Pavers | 0.011681 | 0.023012 | 0.002219 |
| 2002 | 24027 | BNAA | 2270002006 | Diesel Eng; Construction & Mining Equip; Tampers/Rammers | 2.95E-05 | 5.06E-05 | 8.23E-06 |
| 2002 | 24027 | BNAA | 2270002009 | Diesel Eng; Construction & Mining Equip; Plate Compactors | 0.000471 | 0.000789 | 0.000138 |
| 2002 | 24027 | BNAA | 2270002015 | Diesel Eng; Construction & Mining Equip; Rollers | 0.033608 | 0.057097 | 0.006291 |
| 2002 | 24027 | BNAA | 2270002018 | Diesel Eng; Construction & Mining Equip; Scrapers | 0.030383 | 0.066132 | 0.004618 |
| 2002 | 24027 | BNAA | 2270002021 | Diesel Eng; Construction & Mining Equip; Paving Equip | 0.002175 | 0.00363 | 0.000405 |
| 2002 | 24027 | BNAA | 2270002024 | Diesel Eng; Construction & Mining Equip; Surfacing Equip | 0.001642 | 0.002447 | 0.000279 |
| 2002 | 24027 | BNAA | 2270002027 | Diesel Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.004293 | 0.006893 | 0.00136 |
| 2002 | 24027 | BNAA | 2270002030 | Diesel Eng; Construction & Mining Equip; Trenchers | 0.020183 | 0.026572 | 0.003747 |
| 2002 | 24027 | BNAA | 2270002033 | Diesel Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.012115 | 0.031519 | 0.002936 |
| 2002 | 24027 | BNAA | 2270002036 | Diesel Eng; Construction & Mining Equip; Excavators | 0.093207 | 0.228163 | 0.018208 |
| 2002 | 24027 | BNAA | 2270002039 | Diesel Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.001562 | 0.00179 | 0.000302 |
| 2002 | 24027 | BNAA | 2270002042 | Diesel Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.000534 | 0.001181 | 0.000141 |
| 2002 | 24027 | BNAA | 2270002045 | Diesel Eng; Construction & Mining Equip; Cranes | 0.017034 | 0.062193 | 0.004748 |
| 2002 | 24027 | BNAA | 2270002048 | Diesel Eng; Construction & Mining Equip; Graders | 0.021947 | 0.057956 | 0.004533 |
| 2002 | 24027 | BNAA | 2270002051 | Diesel Eng; Construction & Mining Equip; Off-highway Trucks | 0.095343 | 0.215424 | 0.015712 |
| 2002 | 24027 | BNAA | 2270002054 | Diesel Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.00398 | 0.010894 | 0.000966 |
| 2002 | 24027 | BNAA | 2270002057 | Diesel Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.050178 | 0.072944 | 0.009045 |
| 2002 | 24027 | BNAA | 2270002060 | Diesel Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.129069 | 0.279421 | 0.022636 |
| 2002 | 24027 | BNAA | 2270002066 | Diesel Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.157656 | 0.169758 | 0.039076 |
| 2002 | 24027 | BNAA | 2270002069 | Diesel Eng; Construction & Mining Equip; Crawler Tractor/Dozers | 0.110484 | 0.24559 | 0.019675 |
| 2002 | 24027 | BNAA | 2270002072 | Diesel Eng; Construction & Mining Equip; Skid Steer Loaders | 0.137872 | 0.108845 | 0.037727 |
| 2002 | 24027 | BNAA | 2270002075 | Diesel Eng; Construction & Mining Equip; Off-highway Tractors | 0.01672 | 0.029606 | 0.002658 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|---|----------|----------|----------|
| 2002 | 24027 | BNAA | 2270002078 | Diesel Eng; Construction & Mining Equip; Dumpers/Tenders | 0.000394 | 0.00035 | 0.000115 |
| 2002 | 24027 | BNAA | 2270002081 | Diesel Eng; Construction & Mining Equip; Other Construction Equip | 0.016033 | 0.028776 | 0.002483 |
| 2002 | 24027 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.004204 | 0.004146 | 0.001223 |
| 2002 | 24027 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.025526 | 0.043751 | 0.004315 |
| 2002 | 24027 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.007854 | 0.023191 | 0.002231 |
| 2002 | 24027 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.00852 | 0.026417 | 0.002416 |
| 2002 | 24027 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.000779 | 0.00122 | 0.000227 |
| 2002 | 24027 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.052102 | 0.100758 | 0.013655 |
| 2002 | 24027 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.010788 | 0.029913 | 0.002363 |
| 2002 | 24027 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.03E-05 | 1.69E-05 | 3.39E-06 |
| 2002 | 24027 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.065731 | 0.104615 | 0.020619 |
| 2002 | 24027 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.014364 | 0.023087 | 0.004567 |
| 2002 | 24027 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.070092 | 0.156383 | 0.017682 |
| 2002 | 24027 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.007385 | 0.015754 | 0.00213 |
| 2002 | 24027 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.000236 | 0.000413 | 6.6E-05 |
| 2002 | 24027 | BNAA | 2270005010 | Diesel Eng; Agricultural Equip; 2-Wheel Tractors | 3.09E-06 | 3.16E-06 | 5.67E-07 |
| 2002 | 24027 | BNAA | 2270005015 | Diesel Eng; Agricultural Equip; Agricultural Tractors | 0.081007 | 0.133666 | 0.0166 |
| 2002 | 24027 | BNAA | 2270005020 | Diesel Eng; Agricultural Equip; Combines | 0.005045 | 0.013551 | 0.001209 |
| 2002 | 24027 | BNAA | 2270005025 | Diesel Eng; Agricultural Equip; Balers | 4.18E-05 | 5.77E-05 | 1.22E-05 |
| 2002 | 24027 | BNAA | 2270005030 | Diesel Eng; Agricultural Equip; Agricultural Mowers | 1E-05 | 1.28E-05 | 2.04E-06 |
| 2002 | 24027 | BNAA | 2270005035 | Diesel Eng; Agricultural Equip; Sprayers | 0.000568 | 0.000961 | 0.000176 |
| 2002 | 24027 | BNAA | 2270005040 | Diesel Eng; Agricultural Equip; Tillers > 6HP | 1.7E-06 | 2.47E-06 | 2.82E-07 |
| 2002 | 24027 | BNAA | 2270005045 | Diesel Eng; Agricultural Equip; Swathers | 0.000485 | 0.000949 | 0.000109 |
| 2002 | 24027 | BNAA | 2270005055 | Diesel Eng; Agricultural Equip; Other Agricultural Equip | 0.001611 | 0.002796 | 0.00037 |
| 2002 | 24027 | BNAA | 2270005060 | Diesel Eng; Agricultural Equip; Irrigation Sets | 0.000722 | 0.001755 | 0.000228 |
| 2002 | 24027 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.068129 | 0.127181 | 0.019302 |
| 2002 | 24027 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.015845 | 0.030281 | 0.004245 |
| 2002 | 24027 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.03615 | 0.076441 | 0.009569 |
| 2002 | 24027 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.053639 | 0.037009 | 0.014566 |
| 2002 | 24027 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.002049 | 0.004242 | 0.000606 |
| 2002 | 24027 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.001631 | 0.003298 | 0.000445 |
| 2002 | 24027 | BNAA | 2270007015 | Diesel Eng; Logging Equip; Feller-Bunch-Skidder | 0.001914 | 0.005559 | 0.000404 |
| 2002 | 24027 | BNAA | 2270010010 | Diesel Eng; Industrial Equip; Other Oil Field Equipment | 0.000417 | 0.001229 | 0.000101 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24027 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 0.275652 | 0.003609 | 0.163862 |
| 2002 | 24027 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 0.099754 | 0.00101 | 0.056977 |
| 2002 | 24027 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.074327 | 0.003544 | 0.005557 |
| 2002 | 24027 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.000624 | 0.003947 | 0.000148 |
| 2002 | 24027 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 2.07E-05 | 2.87E-05 | 7.18E-06 |
| 2002 | 24027 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.004386 | 0.005311 | 0.00103 |
| 2002 | 24027 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.011049 | 9.89E-05 | 0.000341 |
| 2002 | 24027 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 5.24E-05 | 1.31E-05 | 3.54E-06 |
| 2002 | 24510 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.002143 | 5.61E-06 | 0.001092 |
| 2002 | 24510 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.000169 | 4.41E-07 | 8.48E-05 |
| 2002 | 24510 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.041894 | 8.2E-05 | 0.024573 |
| 2002 | 24510 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.03202 | 6.36E-05 | 0.017661 |
| 2002 | 24510 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.342056 | 0.000669 | 0.225049 |
| 2002 | 24510 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 0.294812 | 0.001814 | 0.141042 |
| 2002 | 24510 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.788346 | 0.001641 | 0.479657 |
| 2002 | 24510 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.318252 | 0.000866 | 0.171963 |
| 2002 | 24510 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.491993 | 0.000977 | 0.305283 |
| 2002 | 24510 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 0.320942 | 0.001379 | 0.156574 |
| 2002 | 24510 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.034718 |
| 2002 | 24510 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.000882 |
| 2002 | 24510 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.00013 | 2.66E-07 | 6.85E-05 |
| 2002 | 24510 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.026566 | 5.69E-05 | 0.014489 |
| 2002 | 24510 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.18701 | 0.000452 | 0.09842 |
| 2002 | 24510 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 6.8E-05 | 1.76E-07 | 3.41E-05 |
| 2002 | 24510 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.001073 | 2.74E-06 | 0.000538 |
| 2002 | 24510 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 1.159752 | 0.007145 | 0.023171 |
| 2002 | 24510 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.211611 | 0.007107 | 0.007986 |
| 2002 | 24510 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.478036 | 0.029974 | 0.020941 |
| 2002 | 24510 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.205399 | 0.00533 | 0.006637 |
| 2002 | 24510 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.524829 | 0.004733 | 0.023054 |
| 2002 | 24510 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.016176 | 0.000471 | 0.000571 |
| 2002 | 24510 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.018477 | 0.000145 | 0.000488 |
| 2002 | 24510 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.050269 | 0.003135 | 0.002189 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24510 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 8.405025 | 0.060907 | 0.972285 |
| 2002 | 24510 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 1.161218 | 0.00826 | 0.089299 |
| 2002 | 24510 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.707985 | 0.005169 | 0.083886 |
| 2002 | 24510 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.565728 | 0.004164 | 0.045061 |
| 2002 | 24510 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.047201 | 0.00035 | 0.005684 |
| 2002 | 24510 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.028843 | 0.000214 | 0.0017 |
| 2002 | 24510 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.090225 | 0.000672 | 0.010037 |
| 2002 | 24510 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.15421 | 0.014138 | 0.033536 |
| 2002 | 24510 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.069247 |
| 2002 | 24510 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.001963 |
| 2002 | 24510 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 1.976663 | 0.015887 | 0.097892 |
| 2002 | 24510 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 0.149456 | 0.001146 | 0.003389 |
| 2002 | 24510 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.161379 | 0.001209 | 0.005911 |
| 2002 | 24510 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.064826 | 0.000474 | 0.005554 |
| 2002 | 24510 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 26.28187 | 0.218278 | 1.14188 |
| 2002 | 24510 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 2.009951 | 0.016004 | 0.045371 |
| 2002 | 24510 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.266907 | 0.005112 | 0.006535 |
| 2002 | 24510 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 6.217203 | 0.05605 | 0.158385 |
| 2002 | 24510 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.857882 | 0.005985 | 0.053747 |
| 2002 | 24510 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.175769 | 0.001244 | 0.01109 |
| 2002 | 24510 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 7.868914 | 0.061666 | 0.328465 |
| 2002 | 24510 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 1.818239 | 0.018659 | 0.086556 |
| 2002 | 24510 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 0.903268 | 0.012857 | 0.03408 |
| 2002 | 24510 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 2.269287 | 0.023226 | 0.057887 |
| 2002 | 24510 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 3.446301 | 0.027202 | 0.158942 |
| 2002 | 24510 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.17443 | 0.001357 | 0.005293 |
| 2002 | 24510 | BNAA | 2265010010 | 4-Stroke Gas Eng; Industrial Equip; Other Oil Field Equipment | 0.044758 | 0.000274 | 0.000731 |
| 2002 | 24510 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.039301 | 0.0099 | 0.002667 |
| 2002 | 24510 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 3.763405 | 0.932714 | 0.254315 |
| 2002 | 24510 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.029008 | 0.007101 | 0.001954 |
| 2002 | 24510 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.008886 | 0.002194 | 0.0006 |
| 2002 | 24510 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.002124 | 0.000534 | 0.000144 |
| 2002 | 24510 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.017786 | 0.00434 | 0.001197 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------|------------|--|----------|----------|----------|
| 2002 | 24510 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.01728 | 0.004265 | 0.001167 |
| 2002 | 24510 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.082792 | 0.031066 | 0.006308 |
| 2002 | 24510 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.019598 | 0.00723 | 0.001487 |
| 2002 | 24510 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.023923 | 0.008726 | 0.00181 |
| 2002 | 24510 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.043179 | 0.010881 | 0.00293 |
| 2002 | 24510 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.00055 | 0.000141 | 3.75E-05 |
| 2002 | 24510 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.000378 | 0.000137 | 2.85E-05 |
| 2002 | 24510 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.274427 | 0.067902 | 0.001093 |
| 2002 | 24510 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 0.000312 | 7.72E-05 | 1.24E-06 |
| 2002 | 24510 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 0.00017 | 4.2E-05 | 6.77E-07 |
| 2002 | 24510 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.000903 | 0.000222 | 3.59E-06 |
| 2002 | 24510 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.001285 | 0.000313 | 5.1E-06 |
| 2002 | 24510 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.027501 | 0.010186 | 0.000123 |
| 2002 | 24510 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.001418 | 0.00052 | 6.33E-06 |
| 2002 | 24510 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.002037 | 0.000738 | 9.07E-06 |
| 2002 | 24510 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.118256 | 0.02643 | 0.00046 |
| 2002 | 24510 | BNAA | 2268010010 | CNG Eng; Industrial Equip; Other Oil Field Equipment | 0.005054 | 0.001189 | 1.99E-05 |
| 2002 | 24510 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.010434 | 0.010291 | 0.003035 |
| 2002 | 24510 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.063358 | 0.108595 | 0.010711 |
| 2002 | 24510 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.019493 | 0.057562 | 0.005538 |
| 2002 | 24510 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.021147 | 0.06557 | 0.005997 |
| 2002 | 24510 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.001935 | 0.003028 | 0.000564 |
| 2002 | 24510 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.127526 | 0.246617 | 0.033422 |
| 2002 | 24510 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.026777 | 0.074246 | 0.005865 |
| 2002 | 24510 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.91E-06 | 3.14E-06 | 6.31E-07 |
| 2002 | 24510 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.012215 | 0.019441 | 0.003832 |
| 2002 | 24510 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.002669 | 0.00429 | 0.000849 |
| 2002 | 24510 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.013025 | 0.029061 | 0.003286 |
| 2002 | 24510 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.001372 | 0.002928 | 0.000396 |
| 2002 | 24510 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 4.38E-05 | 7.67E-05 | 1.23E-05 |
| 2002 | 24510 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.072458 | 0.135263 | 0.020528 |
| 2002 | 24510 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.016852 | 0.032205 | 0.004515 |
| 2002 | 24510 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.038447 | 0.081298 | 0.010177 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|------|-------------------|------------|------------|---|----------|----------|----------|
| 2002 | 24510 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.057047 | 0.039361 | 0.015492 |
| 2002 | 24510 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.002179 | 0.004512 | 0.000645 |
| 2002 | 24510 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.001734 | 0.003508 | 0.000473 |
| 2002 | 24510 | BNAA | 2270010010 | Diesel Eng; Industrial Equip; Other Oil Field Equipment | 0.001148 | 0.003379 | 0.000279 |
| 2002 | 24510 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 2.136304 | 0.027968 | 1.26993 |
| 2002 | 24510 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 0.77309 | 0.00783 | 0.441568 |
| 2002 | 24510 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.854762 | 0.04076 | 0.063902 |
| 2002 | 24510 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.00718 | 0.045393 | 0.001698 |
| 2002 | 24510 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 0.000161 | 0.000223 | 5.56E-05 |
| 2002 | 24510 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.003399 | 0.004117 | 0.000799 |
| 2002 | 24510 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.008564 | 7.66E-05 | 0.000264 |
| 2002 | 24510 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 4.06E-05 | 1.01E-05 | 2.74E-06 |
| 2002 | | BNAA Total | | | 674.3031 | 33.25583 | 68.03692 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24003 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.6041672 | 0.0024042 | 0.7343664 |
| 2008 Uncontrolled | 24003 | BNAA | 2260001030 | 2-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.8286207 | 0.0033304 | 1.0165783 |
| 2008 Uncontrolled | 24003 | BNAA | 2260001060 | 2-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.5210043 | 0.004119 | 0.0186691 |
| 2008 Uncontrolled | 24003 | BNAA | 2260002006 | 2-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.1099012 | 0.0007623 | 0.0464748 |
| 2008 Uncontrolled | 24003 | BNAA | 2260002009 | 2-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.0049963 | 1.329E-05 | 0.0025047 |
| 2008 Uncontrolled | 24003 | BNAA | 2260002021 | 2-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.0060195 | 1.592E-05 | 0.0029991 |
| 2008 Uncontrolled | 24003 | BNAA | 2260002027 | 2-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 4.698E-05 | 1.203E-07 | 2.4E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2260002039 | 2-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.2903987 | 0.0018263 | 0.1232999 |
| 2008 Uncontrolled | 24003 | BNAA | 2260002054 | 2-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0012234 | 3.134E-06 | 0.0006048 |
| 2008 Uncontrolled | 24003 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0010687 | 2.738E-06 | 0.0005407 |
| 2008 Uncontrolled | 24003 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 8.417E-05 | 2.156E-07 | 4.201E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.0263529 | 7.169E-05 | 0.0149575 |
| 2008 Uncontrolled | 24003 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.2145086 | 0.0005918 | 0.1095763 |
| 2008 Uncontrolled | 24003 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.2262139 | 0.0006172 | 0.1405576 |
| 2008 Uncontrolled | 24003 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 2.2067737 | 0.0133871 | 1.0438048 |
| 2008 Uncontrolled | 24003 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.5098271 | 0.0014468 | 0.3001755 |
| 2008 Uncontrolled | 24003 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 2.2226794 | 0.0072847 | 1.137878 |
| 2008 Uncontrolled | 24003 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.3244212 | 0.0008952 | 0.1905235 |
| 2008 Uncontrolled | 24003 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 2.3181369 | 0.0108031 | 1.0683177 |
| 2008 Uncontrolled | 24003 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0253925 |
| 2008 Uncontrolled | 24003 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0065737 |
| 2008 Uncontrolled | 24003 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0009048 | 2.444E-06 | 0.0004381 |
| 2008 Uncontrolled | 24003 | BNAA | 2260005035 | 2-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0005114 | 1.471E-06 | 0.0002621 |
| 2008 Uncontrolled | 24003 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.0311662 | 8.372E-05 | 0.0158194 |
| 2008 Uncontrolled | 24003 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.2257947 | 0.0005963 | 0.1148873 |
| 2008 Uncontrolled | 24003 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 8.469E-05 | 2.169E-07 | 4.194E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.0013326 | 3.414E-06 | 0.0006587 |
| 2008 Uncontrolled | 24003 | BNAA | 2260007005 | 2-Stroke Gas Eng; Logging Equip; Chain Saws > 6 HP | 0.0247844 | 0.0001644 | 0.0108795 |
| 2008 Uncontrolled | 24003 | BNAA | 2265001010 | 4-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.274116 | 0.0028565 | 0.027504 |
| 2008 Uncontrolled | 24003 | BNAA | 2265001030 | 4-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 2.6728637 | 0.0279325 | 0.3059689 |
| 2008 Uncontrolled | 24003 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 2.2041334 | 0.0131989 | 0.0433902 |
| 2008 Uncontrolled | 24003 | BNAA | 2265001060 | 4-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.4420018 | 0.003788 | 0.0201133 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002003 | 4-Stroke Gas Eng; Construction & Mining Equip; Pavers | 0.1020687 | 0.0011154 | 0.0023272 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002006 | 4-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0008158 | 5.545E-06 | 1.861E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002009 | 4-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.1881046 | 0.0013017 | 0.0092629 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002015 | 4-Stroke Gas Eng; Construction & Mining Equip; Rollers | 0.1901769 | 0.0019636 | 0.0038343 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002021 | 4-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.3707598 | 0.002672 | 0.0127491 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24003 | BNAA | 2265002024 | 4-Stroke Gas Eng; Construction & Mining Equip; Surfacing Equip | 0.1666721 | 0.0011494 | 0.0047247 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002027 | 4-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0085192 | 5.494E-05 | 0.0003316 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002030 | 4-Stroke Gas Eng; Construction & Mining Equip; Trenchers | 0.3117422 | 0.0034144 | 0.009344 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002033 | 4-Stroke Gas Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0908701 | 0.0011038 | 0.0058143 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002039 | 4-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.7616657 | 0.0059403 | 0.0139948 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002042 | 4-Stroke Gas Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.316605 | 0.0022993 | 0.0136237 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002045 | 4-Stroke Gas Eng; Construction & Mining Equip; Cranes | 0.0128041 | 0.0005792 | 0.0004922 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002054 | 4-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0452778 | 0.0003713 | 0.0012346 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002057 | 4-Stroke Gas Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0166611 | 0.0010047 | 0.000735 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002060 | 4-Stroke Gas Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0399113 | 0.0024938 | 0.0017721 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002066 | 4-Stroke Gas Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.2426934 | 0.0017808 | 0.0045762 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002072 | 4-Stroke Gas Eng; Construction & Mining Equip; Skid Steer Loaders | 0.1085355 | 0.0025603 | 0.0031948 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002078 | 4-Stroke Gas Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0492776 | 0.0003764 | 0.001969 |
| 2008 Uncontrolled | 24003 | BNAA | 2265002081 | 4-Stroke Gas Eng; Construction & Mining Equip; Other Construction Equip | 0.0140282 | 0.0008718 | 0.0006443 |
| 2008 Uncontrolled | 24003 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.1084422 | 0.0034248 | 0.0037141 |
| 2008 Uncontrolled | 24003 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.2398896 | 0.0147095 | 0.0104503 |
| 2008 Uncontrolled | 24003 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.1035092 | 0.0025892 | 0.0032248 |
| 2008 Uncontrolled | 24003 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.2631219 | 0.0022829 | 0.0113431 |
| 2008 Uncontrolled | 24003 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.008315 | 0.000225 | 0.0002645 |
| 2008 Uncontrolled | 24003 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.0104507 | 6.802E-05 | 0.0002366 |
| 2008 Uncontrolled | 24003 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.0251515 | 0.0015379 | 0.0010901 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 6.1387611 | 0.0462812 | 0.670577 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 8.7173666 | 0.0609869 | 0.6681754 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.5161905 | 0.0039172 | 0.0583725 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 4.2415167 | 0.0313259 | 0.321801 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.0346668 | 0.0002573 | 0.0041005 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.2194489 | 0.0014975 | 0.0124369 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.0662691 | 0.0004935 | 0.0072477 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 8.8832421 | 0.0980979 | 0.2301991 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0506461 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0146281 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 1.4920293 | 0.0102233 | 0.0655104 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 1.1536581 | 0.0074629 | 0.0223537 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 1.2115302 | 0.0088977 | 0.0372941 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.4855062 | 0.0036093 | 0.0385832 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 19.912635 | 0.139749 | 0.7430494 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 15.599005 | 0.1032474 | 0.2936933 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 2.0271723 | 0.0370815 | 0.0468429 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 47.314371 | 0.3899293 | 1.1176059 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24003 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.6236046 | 0.0046711 | 0.0347895 |
| 2008 Uncontrolled | 24003 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 1.302002 | 0.009879 | 0.0732312 |
| 2008 Uncontrolled | 24003 | BNAA | 2265005010 | 4-Stroke Gas Eng; Agricultural Equip; 2-Wheel Tractors | 0.002111 | 1.364E-05 | 3.987E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2265005015 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Tractors | 0.0041868 | 0.0001673 | 0.0001379 |
| 2008 Uncontrolled | 24003 | BNAA | 2265005020 | 4-Stroke Gas Eng; Agricultural Equip; Combines | 1.749E-05 | 1.12E-06 | 9.018E-07 |
| 2008 Uncontrolled | 24003 | BNAA | 2265005025 | 4-Stroke Gas Eng; Agricultural Equip; Balers | 0.0018881 | 0.0001209 | 0.0001095 |
| 2008 Uncontrolled | 24003 | BNAA | 2265005030 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Mowers | 0.0016311 | 1.148E-05 | 3.8E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2265005035 | 4-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0135887 | 0.0001987 | 0.0006138 |
| 2008 Uncontrolled | 24003 | BNAA | 2265005040 | 4-Stroke Gas Eng; Agricultural Equip; Tillers > 6 HP | 0.0333433 | 0.0002085 | 0.0012753 |
| 2008 Uncontrolled | 24003 | BNAA | 2265005045 | 4-Stroke Gas Eng; Agricultural Equip; Swathers | 0.0029963 | 0.0001918 | 0.0001586 |
| 2008 Uncontrolled | 24003 | BNAA | 2265005055 | 4-Stroke Gas Eng; Agricultural Equip; Other Agricultural Equip | 0.0062342 | 0.0002283 | 0.0002373 |
| 2008 Uncontrolled | 24003 | BNAA | 2265005060 | 4-Stroke Gas Eng; Agricultural Equip; Irrigation Sets | 0.005829 | 0.0003339 | 0.0002595 |
| 2008 Uncontrolled | 24003 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 9.9937665 | 0.0703342 | 0.357931 |
| 2008 Uncontrolled | 24003 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 2.3062379 | 0.0218496 | 0.1044134 |
| 2008 Uncontrolled | 24003 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 1.1389645 | 0.0154949 | 0.0415048 |
| 2008 Uncontrolled | 24003 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 2.8755421 | 0.0273698 | 0.0684343 |
| 2008 Uncontrolled | 24003 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 4.4078166 | 0.0303127 | 0.1856565 |
| 2008 Uncontrolled | 24003 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.2218872 | 0.0015527 | 0.0062422 |
| 2008 Uncontrolled | 24003 | BNAA | 2265007010 | 2-Stroke Gas Eng; Logging Equip; Shredders > 6 HP | 0.055545 | 0.0004163 | 0.0019783 |
| 2008 Uncontrolled | 24003 | BNAA | 2265007015 | 2-Stroke Gas Eng; Logging Equip; Feller-Bunch-Skidder | 0.0006765 | 4.379E-06 | 3.222E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2265008005 | 4-Stroke Gas Eng; Airport Ground Support Equip; Airport Ground Support Equip | 0.2646424 | 0.008901 | 0.010709 |
| 2008 Uncontrolled | 24003 | BNAA | 2267001060 | LPG Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0047943 | 0.0012014 | 0.0003249 |
| 2008 Uncontrolled | 24003 | BNAA | 2267002003 | LPG Eng; Construction & Mining Equip; Pavers | 0.0028981 | 0.0007182 | 0.0001958 |
| 2008 Uncontrolled | 24003 | BNAA | 2267002015 | LPG Eng; Construction & Mining Equip; Rollers | 0.0050095 | 0.0012299 | 0.0003377 |
| 2008 Uncontrolled | 24003 | BNAA | 2267002021 | LPG Eng; Construction & Mining Equip; Paving Equip | 0.0007589 | 0.00019 | 5.141E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2267002024 | LPG Eng; Construction & Mining Equip; Surfacing Equip | 0.0005077 | 0.0001254 | 3.428E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2267002030 | LPG Eng; Construction & Mining Equip; Trenchers | 0.0089066 | 0.0022077 | 0.0006019 |
| 2008 Uncontrolled | 24003 | BNAA | 2267002033 | LPG Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0028841 | 0.0007282 | 0.0001958 |
| 2008 Uncontrolled | 24003 | BNAA | 2267002039 | LPG Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0086598 | 0.0021 | 0.0005821 |
| 2008 Uncontrolled | 24003 | BNAA | 2267002045 | LPG Eng; Construction & Mining Equip; Cranes | 0.0031061 | 0.0007773 | 0.0002104 |
| 2008 Uncontrolled | 24003 | BNAA | 2267002054 | LPG Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0005029 | 0.0001258 | 3.406E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2267002057 | LPG Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0056501 | 0.0014052 | 0.0003821 |
| 2008 Uncontrolled | 24003 | BNAA | 2267002060 | LPG Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0141996 | 0.0035059 | 0.0009586 |
| 2008 Uncontrolled | 24003 | BNAA | 2267002066 | LPG Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.0014991 | 0.0003684 | 0.0001011 |
| 2008 Uncontrolled | 24003 | BNAA | 2267002072 | LPG Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0115501 | 0.0028834 | 0.0007819 |
| 2008 Uncontrolled | 24003 | BNAA | 2267002081 | LPG Eng; Construction & Mining Equip; Other Construction Equip | 0.0046551 | 0.0011675 | 0.0003155 |
| 2008 Uncontrolled | 24003 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.0334904 | 0.0084081 | 0.0022705 |
| 2008 Uncontrolled | 24003 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 3.1993465 | 0.7920028 | 0.2161364 |
| 2008 Uncontrolled | 24003 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.024649 | 0.0060292 | 0.0016603 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|---|-----------|-----------|-----------|
| 2008 Uncontrolled | 24003 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.0075515 | 0.001863 | 0.0005097 |
| 2008 Uncontrolled | 24003 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.001809 | 0.0004537 | 0.0001226 |
| 2008 Uncontrolled | 24003 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.0151091 | 0.003685 | 0.001017 |
| 2008 Uncontrolled | 24003 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.1290376 | 0.0318291 | 0.0087096 |
| 2008 Uncontrolled | 24003 | BNAA | 2267005055 | LPG Eng; Agri Equip; Other Equip | 1.084E-05 | 2.698E-06 | 7.331E-07 |
| 2008 Uncontrolled | 24003 | BNAA | 2267005060 | LPG Eng; Agricultural Equip; Irrigation Sets | 1.697E-05 | 4.164E-06 | 1.144E-06 |
| 2008 Uncontrolled | 24003 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.1172535 | 0.0437305 | 0.0089203 |
| 2008 Uncontrolled | 24003 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.0277284 | 0.0101768 | 0.0021009 |
| 2008 Uncontrolled | 24003 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.0338236 | 0.0122815 | 0.0025558 |
| 2008 Uncontrolled | 24003 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.0610489 | 0.0153149 | 0.004138 |
| 2008 Uncontrolled | 24003 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.0007791 | 0.0001978 | 5.297E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.0005337 | 0.0001929 | 4.028E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2267008005 | LPG Eng; Airport Ground Support Equip; Airport Ground Support Equip | 0.0550939 | 0.0136609 | 0.0037235 |
| 2008 Uncontrolled | 24003 | BNAA | 2268002081 | CNG Eng; Construction & Mining Equip; Other Construction Equip | 0.000183 | 4.589E-05 | 7.31E-07 |
| 2008 Uncontrolled | 24003 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.2265627 | 0.0560208 | 0.0009019 |
| 2008 Uncontrolled | 24003 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0002577 | 6.366E-05 | 1.026E-06 |
| 2008 Uncontrolled | 24003 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 0.0001404 | 3.468E-05 | 5.586E-07 |
| 2008 Uncontrolled | 24003 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.0008167 | 0.000201 | 3.247E-06 |
| 2008 Uncontrolled | 24003 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.0010603 | 0.0002585 | 4.206E-06 |
| 2008 Uncontrolled | 24003 | BNAA | 2268005055 | CNG Eng; Agri Equip; Other Equip | 9.175E-06 | 2.067E-06 | 3.572E-08 |
| 2008 Uncontrolled | 24003 | BNAA | 2268005060 | CNG Eng; Agricultural Equip; Irrigation Sets | 0.0001424 | 3.186E-05 | 5.535E-07 |
| 2008 Uncontrolled | 24003 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.0345136 | 0.0127427 | 0.0001544 |
| 2008 Uncontrolled | 24003 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.0017781 | 0.0006505 | 7.934E-06 |
| 2008 Uncontrolled | 24003 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.0025522 | 0.0009229 | 1.136E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.1478863 | 0.0330528 | 0.0005746 |
| 2008 Uncontrolled | 24003 | BNAA | 2270001060 | Diesel Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0129167 | 0.0125684 | 0.0034341 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002003 | Diesel Eng; Construction & Mining Equip; Pavers | 0.0200465 | 0.0522785 | 0.0041415 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002006 | Diesel Eng; Construction & Mining Equip; Tampers/Rammers | 7.067E-05 | 0.0001051 | 1.69E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002009 | Diesel Eng; Construction & Mining Equip; Plate Compactors | 0.0010581 | 0.0016231 | 0.000264 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002015 | Diesel Eng; Construction & Mining Equip; Rollers | 0.0599315 | 0.1287723 | 0.0112523 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002018 | Diesel Eng; Construction & Mining Equip; Scrapers | 0.0538634 | 0.1399459 | 0.0074703 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002021 | Diesel Eng; Construction & Mining Equip; Paving Equip | 0.0038116 | 0.0080515 | 0.0007396 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002024 | Diesel Eng; Construction & Mining Equip; Surfacing Equip | 0.0030133 | 0.0053302 | 0.0004781 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002027 | Diesel Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0078756 | 0.0144795 | 0.0021567 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002030 | Diesel Eng; Construction & Mining Equip; Trenchers | 0.0382219 | 0.0606297 | 0.0065265 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002033 | Diesel Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0235983 | 0.0705533 | 0.0058391 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002036 | Diesel Eng; Construction & Mining Equip; Excavators | 0.1637062 | 0.526413 | 0.035925 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002039 | Diesel Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0029207 | 0.0040544 | 0.0004909 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002042 | Diesel Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.0011722 | 0.0026685 | 0.0003017 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24003 | BNAA | 2270002045 | Diesel Eng; Construction & Mining Equip; Cranes | 0.0297913 | 0.1360885 | 0.008599 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002048 | Diesel Eng; Construction & Mining Equip; Graders | 0.035876 | 0.1332039 | 0.0088535 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002051 | Diesel Eng; Construction & Mining Equip; Off-highway Trucks | 0.1349964 | 0.4662204 | 0.0254211 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002054 | Diesel Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0071739 | 0.023703 | 0.0017243 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002057 | Diesel Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0948211 | 0.1684189 | 0.0168798 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002060 | Diesel Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.2267282 | 0.6134925 | 0.0418753 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002066 | Diesel Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.3417382 | 0.3866655 | 0.0825203 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002069 | Diesel Eng; Construction & Mining Equip; Crawler Tractor/Dozers | 0.1906962 | 0.5402804 | 0.0347833 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002072 | Diesel Eng; Construction & Mining Equip; Skid Steer Loaders | 0.301947 | 0.2538938 | 0.0756227 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002075 | Diesel Eng; Construction & Mining Equip; Off-highway Tractors | 0.0272919 | 0.063522 | 0.0042045 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002078 | Diesel Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0009143 | 0.0008137 | 0.0002445 |
| 2008 Uncontrolled | 24003 | BNAA | 2270002081 | Diesel Eng; Construction & Mining Equip; Other Construction Equip | 0.0281836 | 0.0614416 | 0.0043448 |
| 2008 Uncontrolled | 24003 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.0079779 | 0.0075115 | 0.0021298 |
| 2008 Uncontrolled | 24003 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.0493521 | 0.0887176 | 0.0082455 |
| 2008 Uncontrolled | 24003 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.0115884 | 0.0433847 | 0.0034142 |
| 2008 Uncontrolled | 24003 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.012494 | 0.0470526 | 0.0037071 |
| 2008 Uncontrolled | 24003 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.0013567 | 0.0021586 | 0.0003833 |
| 2008 Uncontrolled | 24003 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; ACRefrigeration | 0.0938616 | 0.2093289 | 0.0216675 |
| 2008 Uncontrolled | 24003 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.0178618 | 0.0596418 | 0.0042827 |
| 2008 Uncontrolled | 24003 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.442E-05 | 2.396E-05 | 4.323E-06 |
| 2008 Uncontrolled | 24003 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.0770703 | 0.1415703 | 0.0212358 |
| 2008 Uncontrolled | 24003 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.0162365 | 0.0286106 | 0.0044164 |
| 2008 Uncontrolled | 24003 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0866788 | 0.2260596 | 0.0217227 |
| 2008 Uncontrolled | 24003 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0078545 | 0.0218416 | 0.0020274 |
| 2008 Uncontrolled | 24003 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.0003093 | 0.0005883 | 8.111E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2270005010 | Diesel Eng; Agricultural Equip; 2-Wheel Tractors | 2.843E-06 | 2.377E-06 | 4.192E-07 |
| 2008 Uncontrolled | 24003 | BNAA | 2270005015 | Diesel Eng; Agricultural Equip; Agricultural Tractors | 0.0591044 | 0.1181523 | 0.0115252 |
| 2008 Uncontrolled | 24003 | BNAA | 2270005020 | Diesel Eng; Agricultural Equip; Combines | 0.004364 | 0.0122149 | 0.0010228 |
| 2008 Uncontrolled | 24003 | BNAA | 2270005025 | Diesel Eng; Agricultural Equip; Balers | 3.768E-05 | 5.612E-05 | 9.329E-06 |
| 2008 Uncontrolled | 24003 | BNAA | 2270005030 | Diesel Eng; Agricultural Equip; Agricultural Mowers | 8.978E-06 | 1.147E-05 | 1.648E-06 |
| 2008 Uncontrolled | 24003 | BNAA | 2270005035 | Diesel Eng; Agricultural Equip; Sprayers | 0.0004583 | 0.0009228 | 0.0001265 |
| 2008 Uncontrolled | 24003 | BNAA | 2270005040 | Diesel Eng; Agricultural Equip; Tillers > 6HP | 1.313E-06 | 2.285E-06 | 2.094E-07 |
| 2008 Uncontrolled | 24003 | BNAA | 2270005045 | Diesel Eng; Agricultural Equip; Swathers | 0.0004874 | 0.0008586 | 9.896E-05 |
| 2008 Uncontrolled | 24003 | BNAA | 2270005055 | Diesel Eng; Agricultural Equip; Other Agricultural Equip | 0.0012054 | 0.0024731 | 0.0002556 |
| 2008 Uncontrolled | 24003 | BNAA | 2270005060 | Diesel Eng; Agricultural Equip; Irrigation Sets | 0.0005694 | 0.0016397 | 0.0001632 |
| 2008 Uncontrolled | 24003 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.072714 | 0.1541349 | 0.0197941 |
| 2008 Uncontrolled | 24003 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.017122 | 0.0368378 | 0.0044584 |
| 2008 Uncontrolled | 24003 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.037247 | 0.0921041 | 0.0093593 |
| 2008 Uncontrolled | 24003 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.0585338 | 0.0449854 | 0.0148384 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24003 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.002164 | 0.005157 | 0.0006339 |
| 2008 Uncontrolled | 24003 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.0016403 | 0.0039291 | 0.0004145 |
| 2008 Uncontrolled | 24003 | BNAA | 2270007015 | Diesel Eng; Logging Equip; Feller-Bunch-Skidder | 0.0045743 | 0.0167523 | 0.0010895 |
| 2008 Uncontrolled | 24003 | BNAA | 2270008005 | Diesel Eng; Airport Ground Support Equip; Airport Ground Support Equip | 0.1683637 | 0.4377805 | 0.0307468 |
| 2008 Uncontrolled | 24003 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 7.9412203 | 0.1669743 | 4.3871538 |
| 2008 Uncontrolled | 24003 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 3.0471817 | 0.0484271 | 1.4250066 |
| 2008 Uncontrolled | 24003 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Sternrive | 5.7106053 | 0.3244302 | 0.4503086 |
| 2008 Uncontrolled | 24003 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Sternrive | 0.0587348 | 0.3726667 | 0.0137935 |
| 2008 Uncontrolled | 24003 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 0.0006013 | 0.0009643 | 0.000192 |
| 2008 Uncontrolled | 24003 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.003153 | 0.0044079 | 0.0007687 |
| 2008 Uncontrolled | 24003 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.0096554 | 7.319E-05 | 0.0002548 |
| 2008 Uncontrolled | 24003 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 4.665E-05 | 1.164E-05 | 3.154E-06 |
| 2008 Uncontrolled | 24005 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.3020836 | 0.0012021 | 0.3671832 |
| 2008 Uncontrolled | 24005 | BNAA | 2260001030 | 2-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.4143103 | 0.0016652 | 0.5082891 |
| 2008 Uncontrolled | 24005 | BNAA | 2260001060 | 2-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.2605021 | 0.0020595 | 0.0093346 |
| 2008 Uncontrolled | 24005 | BNAA | 2260002006 | 2-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.2545657 | 0.0017657 | 0.1076503 |
| 2008 Uncontrolled | 24005 | BNAA | 2260002009 | 2-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.0115731 | 3.079E-05 | 0.0058017 |
| 2008 Uncontrolled | 24005 | BNAA | 2260002021 | 2-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.013943 | 3.688E-05 | 0.0069469 |
| 2008 Uncontrolled | 24005 | BNAA | 2260002027 | 2-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0001088 | 2.788E-07 | 5.558E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2260002039 | 2-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.6726548 | 0.0042302 | 0.2856015 |
| 2008 Uncontrolled | 24005 | BNAA | 2260002054 | 2-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0028337 | 7.259E-06 | 0.001401 |
| 2008 Uncontrolled | 24005 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0019559 | 5.01E-06 | 0.0009895 |
| 2008 Uncontrolled | 24005 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.000154 | 3.946E-07 | 7.688E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.043664 | 0.0001188 | 0.0247829 |
| 2008 Uncontrolled | 24005 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.25784 | 0.0007113 | 0.1317111 |
| 2008 Uncontrolled | 24005 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.374812 | 0.0010227 | 0.2328887 |
| 2008 Uncontrolled | 24005 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 2.6525495 | 0.0160914 | 1.2546569 |
| 2008 Uncontrolled | 24005 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.8447284 | 0.0023972 | 0.4973583 |
| 2008 Uncontrolled | 24005 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 2.6716682 | 0.0087562 | 1.3677332 |
| 2008 Uncontrolled | 24005 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.5375309 | 0.0014832 | 0.3156768 |
| 2008 Uncontrolled | 24005 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 2.7864086 | 0.0129853 | 1.2841216 |
| 2008 Uncontrolled | 24005 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0420726 |
| 2008 Uncontrolled | 24005 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0079017 |
| 2008 Uncontrolled | 24005 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0010876 | 2.937E-06 | 0.0005265 |
| 2008 Uncontrolled | 24005 | BNAA | 2260005035 | 2-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0010462 | 3.01E-06 | 0.0005363 |
| 2008 Uncontrolled | 24005 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.0476716 | 0.0001281 | 0.0241972 |
| 2008 Uncontrolled | 24005 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.3453734 | 0.0009121 | 0.1757305 |
| 2008 Uncontrolled | 24005 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 0.0001295 | 3.318E-07 | 6.415E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.0020384 | 5.221E-06 | 0.0010076 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24005 | BNAA | 2260007005 | 2-Stroke Gas Eng; Logging Equip; Chain Saws > 6 HP | 0.0137989 | 9.151E-05 | 0.0060573 |
| 2008 Uncontrolled | 24005 | BNAA | 2265001010 | 4-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.137058 | 0.0014283 | 0.013752 |
| 2008 Uncontrolled | 24005 | BNAA | 2265001030 | 4-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 1.3364318 | 0.0139663 | 0.1529844 |
| 2008 Uncontrolled | 24005 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 4.6531711 | 0.0278643 | 0.0916014 |
| 2008 Uncontrolled | 24005 | BNAA | 2265001060 | 4-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.2210009 | 0.001894 | 0.0100567 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002003 | 4-Stroke Gas Eng; Construction & Mining Equip; Pavers | 0.2364234 | 0.0025837 | 0.0053906 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002006 | 4-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0018896 | 1.284E-05 | 4.31E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002009 | 4-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.4357095 | 0.0030152 | 0.0214557 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002015 | 4-Stroke Gas Eng; Construction & Mining Equip; Rollers | 0.4405095 | 0.0045483 | 0.0088815 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002021 | 4-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.8587965 | 0.0061891 | 0.029531 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002024 | 4-Stroke Gas Eng; Construction & Mining Equip; Surfacing Equip | 0.3860651 | 0.0026623 | 0.010944 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002027 | 4-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0197332 | 0.0001273 | 0.0007682 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002030 | 4-Stroke Gas Eng; Construction & Mining Equip; Trenchers | 0.722093 | 0.0079089 | 0.0216436 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002033 | 4-Stroke Gas Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.2104837 | 0.0025568 | 0.0134678 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002039 | 4-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 1.7642577 | 0.0137596 | 0.0324164 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002042 | 4-Stroke Gas Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.7333569 | 0.005326 | 0.0315568 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002045 | 4-Stroke Gas Eng; Construction & Mining Equip; Cranes | 0.0296583 | 0.0013417 | 0.00114 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002054 | 4-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.1048775 | 0.0008602 | 0.0028597 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002057 | 4-Stroke Gas Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0385923 | 0.0023272 | 0.0017024 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002060 | 4-Stroke Gas Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0924471 | 0.0057764 | 0.0041048 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002066 | 4-Stroke Gas Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.5621544 | 0.004125 | 0.0106 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002072 | 4-Stroke Gas Eng; Construction & Mining Equip; Skid Steer Loaders | 0.2514023 | 0.0059305 | 0.0074001 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002078 | 4-Stroke Gas Eng; Construction & Mining Equip; Dumpers/Tenders | 0.1141425 | 0.0008718 | 0.0045607 |
| 2008 Uncontrolled | 24005 | BNAA | 2265002081 | 4-Stroke Gas Eng; Construction & Mining Equip; Other Construction Equip | 0.0324937 | 0.0020193 | 0.0014923 |
| 2008 Uncontrolled | 24005 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.1984578 | 0.0062676 | 0.0067971 |
| 2008 Uncontrolled | 24005 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.4390169 | 0.0269196 | 0.0191248 |
| 2008 Uncontrolled | 24005 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.18943 | 0.0047385 | 0.0059016 |
| 2008 Uncontrolled | 24005 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.481534 | 0.0041779 | 0.0207588 |
| 2008 Uncontrolled | 24005 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.015217 | 0.0004118 | 0.0004841 |
| 2008 Uncontrolled | 24005 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.0159987 | 0.0001041 | 0.0003622 |
| 2008 Uncontrolled | 24005 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.0460292 | 0.0028145 | 0.0019949 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 10.171264 | 0.0766829 | 1.1110736 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 10.478304 | 0.0733064 | 0.8031491 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.8552719 | 0.0064903 | 0.096717 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 5.0983174 | 0.0376538 | 0.3868059 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.0574391 | 0.0004263 | 0.0067941 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.2637783 | 0.0018 | 0.0149492 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.1098008 | 0.0008177 | 0.0120087 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 10.677687 | 0.117914 | 0.2767001 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24005 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0839151 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.017583 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 2.4721312 | 0.0169389 | 0.1085436 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 1.386701 | 0.0089705 | 0.0268693 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 1.4562634 | 0.0106951 | 0.0448276 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.5835801 | 0.0043384 | 0.0463771 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 32.993081 | 0.231549 | 1.2311525 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 18.750057 | 0.1241037 | 0.3530204 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 2.4366679 | 0.0445721 | 0.0563053 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 56.872033 | 0.4686963 | 1.343366 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 1.0332455 | 0.0077395 | 0.0576425 |
| 2008 Uncontrolled | 24005 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 1.5650107 | 0.0118745 | 0.0880241 |
| 2008 Uncontrolled | 24005 | BNAA | 2265005010 | 4-Stroke Gas Eng; Agricultural Equip; 2-Wheel Tractors | 0.0043185 | 2.791E-05 | 8.156E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2265005015 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Tractors | 0.0085653 | 0.0003423 | 0.0002821 |
| 2008 Uncontrolled | 24005 | BNAA | 2265005020 | 4-Stroke Gas Eng; Agricultural Equip; Combines | 3.578E-05 | 2.291E-06 | 1.845E-06 |
| 2008 Uncontrolled | 24005 | BNAA | 2265005025 | 4-Stroke Gas Eng; Agricultural Equip; Balers | 0.0038627 | 0.0002473 | 0.0002239 |
| 2008 Uncontrolled | 24005 | BNAA | 2265005030 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Mowers | 0.0033368 | 2.349E-05 | 7.774E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2265005035 | 4-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0277993 | 0.0004065 | 0.0012556 |
| 2008 Uncontrolled | 24005 | BNAA | 2265005040 | 4-Stroke Gas Eng; Agricultural Equip; Tillers > 6 HP | 0.0682123 | 0.0004266 | 0.002609 |
| 2008 Uncontrolled | 24005 | BNAA | 2265005045 | 4-Stroke Gas Eng; Agricultural Equip; Swathers | 0.0061297 | 0.0003924 | 0.0003244 |
| 2008 Uncontrolled | 24005 | BNAA | 2265005055 | 4-Stroke Gas Eng; Agricultural Equip; Other Agricultural Equip | 0.0127536 | 0.0004669 | 0.0004854 |
| 2008 Uncontrolled | 24005 | BNAA | 2265005060 | 4-Stroke Gas Eng; Agricultural Equip; Irrigation Sets | 0.0119247 | 0.000683 | 0.0005308 |
| 2008 Uncontrolled | 24005 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 15.286369 | 0.1075826 | 0.5474879 |
| 2008 Uncontrolled | 24005 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 3.5275993 | 0.033421 | 0.1597097 |
| 2008 Uncontrolled | 24005 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 1.742149 | 0.0237008 | 0.0634854 |
| 2008 Uncontrolled | 24005 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 4.3984013 | 0.0418646 | 0.1046764 |
| 2008 Uncontrolled | 24005 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 6.7421538 | 0.046366 | 0.2839783 |
| 2008 Uncontrolled | 24005 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.3393965 | 0.002375 | 0.009548 |
| 2008 Uncontrolled | 24005 | BNAA | 2265007010 | 2-Stroke Gas Eng; Logging Equip; Shredders > 6 HP | 0.0309251 | 0.0002318 | 0.0011014 |
| 2008 Uncontrolled | 24005 | BNAA | 2265007015 | 2-Stroke Gas Eng; Logging Equip; Feller-Bunch-Skidder | 0.0003767 | 2.438E-06 | 1.794E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2265008005 | 4-Stroke Gas Eng; Airport Ground Support Equip; Airport Ground Support Equip | 0.00019 | 6.391E-06 | 7.689E-06 |
| 2008 Uncontrolled | 24005 | BNAA | 2265010010 | 4-Stroke Gas Eng; Industrial Equip; Other Oil Field Equipment | 0.0449256 | 0.000269 | 0.0007285 |
| 2008 Uncontrolled | 24005 | BNAA | 2267001060 | LPG Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0023972 | 0.0006007 | 0.0001624 |
| 2008 Uncontrolled | 24005 | BNAA | 2267002003 | LPG Eng; Construction & Mining Equip; Pavers | 0.006713 | 0.0016635 | 0.0004536 |
| 2008 Uncontrolled | 24005 | BNAA | 2267002015 | LPG Eng; Construction & Mining Equip; Rollers | 0.0116035 | 0.0028488 | 0.0007823 |
| 2008 Uncontrolled | 24005 | BNAA | 2267002021 | LPG Eng; Construction & Mining Equip; Paving Equip | 0.0017578 | 0.0004402 | 0.0001191 |
| 2008 Uncontrolled | 24005 | BNAA | 2267002024 | LPG Eng; Construction & Mining Equip; Surfacing Equip | 0.0011759 | 0.0002905 | 7.94E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2267002030 | LPG Eng; Construction & Mining Equip; Trenchers | 0.0206305 | 0.0051137 | 0.0013942 |
| 2008 Uncontrolled | 24005 | BNAA | 2267002033 | LPG Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0066805 | 0.0016867 | 0.0004535 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|---|-----------|-----------|-----------|
| 2008 Uncontrolled | 24005 | BNAA | 2267002039 | LPG Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0200588 | 0.0048642 | 0.0013482 |
| 2008 Uncontrolled | 24005 | BNAA | 2267002045 | LPG Eng; Construction & Mining Equip; Cranes | 0.0071947 | 0.0018005 | 0.0004874 |
| 2008 Uncontrolled | 24005 | BNAA | 2267002054 | LPG Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.001165 | 0.0002914 | 7.89E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2267002057 | LPG Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0130874 | 0.003255 | 0.0008852 |
| 2008 Uncontrolled | 24005 | BNAA | 2267002060 | LPG Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0328906 | 0.0081209 | 0.0022205 |
| 2008 Uncontrolled | 24005 | BNAA | 2267002066 | LPG Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.0034725 | 0.0008533 | 0.0002342 |
| 2008 Uncontrolled | 24005 | BNAA | 2267002072 | LPG Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0267536 | 0.006679 | 0.0018112 |
| 2008 Uncontrolled | 24005 | BNAA | 2267002081 | LPG Eng; Construction & Mining Equip; Other Construction Equip | 0.0107827 | 0.0027043 | 0.0007308 |
| 2008 Uncontrolled | 24005 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.0612901 | 0.0153876 | 0.0041551 |
| 2008 Uncontrolled | 24005 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 5.8550576 | 1.4494278 | 0.3955468 |
| 2008 Uncontrolled | 24005 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0451096 | 0.0110339 | 0.0030384 |
| 2008 Uncontrolled | 24005 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.0138198 | 0.0034095 | 0.0009328 |
| 2008 Uncontrolled | 24005 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.0033106 | 0.0008303 | 0.0002244 |
| 2008 Uncontrolled | 24005 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.0276508 | 0.0067438 | 0.0018611 |
| 2008 Uncontrolled | 24005 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.1551037 | 0.0382587 | 0.0104689 |
| 2008 Uncontrolled | 24005 | BNAA | 2267005055 | LPG Eng; Agri Equip; Other Equip | 2.217E-05 | 5.52E-06 | 1.5E-06 |
| 2008 Uncontrolled | 24005 | BNAA | 2267005060 | LPG Eng; Agricultural Equip; Irrigation Sets | 3.472E-05 | 8.519E-06 | 2.34E-06 |
| 2008 Uncontrolled | 24005 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.1793499 | 0.0668897 | 0.0136444 |
| 2008 Uncontrolled | 24005 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.0424132 | 0.0155663 | 0.0032135 |
| 2008 Uncontrolled | 24005 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.0517362 | 0.0187856 | 0.0039094 |
| 2008 Uncontrolled | 24005 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.0933797 | 0.0234255 | 0.0063294 |
| 2008 Uncontrolled | 24005 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.0011917 | 0.0003026 | 8.102E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.0008163 | 0.0002951 | 6.162E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2267008005 | LPG Eng; Airport Ground Support Equip; Airport Ground Support Equip | 3.956E-05 | 9.809E-06 | 2.674E-06 |
| 2008 Uncontrolled | 24005 | BNAA | 2268002081 | CNG Eng; Construction & Mining Equip; Other Construction Equip | 0.0004238 | 0.0001063 | 1.693E-06 |
| 2008 Uncontrolled | 24005 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.4146277 | 0.1025225 | 0.0016505 |
| 2008 Uncontrolled | 24005 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0004716 | 0.0001165 | 1.877E-06 |
| 2008 Uncontrolled | 24005 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 0.0002569 | 6.348E-05 | 1.022E-06 |
| 2008 Uncontrolled | 24005 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC/Refrigeration | 0.0012503 | 0.0003077 | 4.971E-06 |
| 2008 Uncontrolled | 24005 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.0019404 | 0.0004731 | 7.697E-06 |
| 2008 Uncontrolled | 24005 | BNAA | 2268005055 | CNG Eng; Agri Equip; Other Equip | 1.877E-05 | 4.228E-06 | 7.306E-08 |
| 2008 Uncontrolled | 24005 | BNAA | 2268005060 | CNG Eng; Agricultural Equip; Irrigation Sets | 0.0002913 | 6.518E-05 | 1.132E-06 |
| 2008 Uncontrolled | 24005 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.0527917 | 0.0194911 | 0.0002361 |
| 2008 Uncontrolled | 24005 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.0027197 | 0.000995 | 1.214E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.0039038 | 0.0014116 | 1.737E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.2262054 | 0.0505573 | 0.000879 |
| 2008 Uncontrolled | 24005 | BNAA | 2268010010 | CNG Eng; Industrial Equip; Other Oil Field Equipment | 0.0050325 | 0.0011836 | 1.979E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2270001060 | Diesel Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0064584 | 0.0062842 | 0.0017171 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002003 | Diesel Eng; Construction & Mining Equip; Pavers | 0.0464341 | 0.1210935 | 0.009593 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|---|-----------|-----------|-----------|
| 2008 Uncontrolled | 24005 | BNAA | 2270002006 | Diesel Eng; Construction & Mining Equip; Tampers/Rammers | 0.0001637 | 0.0002434 | 3.915E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002009 | Diesel Eng; Construction & Mining Equip; Plate Compactors | 0.002451 | 0.0037596 | 0.0006114 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002015 | Diesel Eng; Construction & Mining Equip; Rollers | 0.1388203 | 0.2982772 | 0.0260638 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002018 | Diesel Eng; Construction & Mining Equip; Scrapers | 0.1247645 | 0.3241587 | 0.0173035 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002021 | Diesel Eng; Construction & Mining Equip; Paving Equip | 0.0088289 | 0.0186497 | 0.0017131 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002024 | Diesel Eng; Construction & Mining Equip; Surfacing Equip | 0.0069798 | 0.0123465 | 0.0011074 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002027 | Diesel Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0182424 | 0.0335391 | 0.0049955 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002030 | Diesel Eng; Construction & Mining Equip; Trenchers | 0.0885339 | 0.1404376 | 0.0151175 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002033 | Diesel Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.054661 | 0.1634238 | 0.0135252 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002036 | Diesel Eng; Construction & Mining Equip; Excavators | 0.3791952 | 1.2193382 | 0.0832136 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002039 | Diesel Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0067654 | 0.0093913 | 0.0011371 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002042 | Diesel Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.0027151 | 0.0061812 | 0.0006988 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002045 | Diesel Eng; Construction & Mining Equip; Cranes | 0.069006 | 0.3152237 | 0.019918 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002048 | Diesel Eng; Construction & Mining Equip; Graders | 0.0831001 | 0.3085421 | 0.0205076 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002051 | Diesel Eng; Construction & Mining Equip; Off-highway Trucks | 0.3126942 | 1.0799134 | 0.0588832 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002054 | Diesel Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0166169 | 0.0549036 | 0.0039941 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002057 | Diesel Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.2196355 | 0.3901113 | 0.039099 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002060 | Diesel Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.525174 | 1.4210419 | 0.0969964 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002066 | Diesel Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.7915731 | 0.8956391 | 0.1911431 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002069 | Diesel Eng; Construction & Mining Equip; Crawler Tractor/Dozers | 0.4417124 | 1.2514595 | 0.0805691 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002072 | Diesel Eng; Construction & Mining Equip; Skid Steer Loaders | 0.6994043 | 0.588098 | 0.175166 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002075 | Diesel Eng; Construction & Mining Equip; Off-highway Tractors | 0.0632166 | 0.147137 | 0.009739 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002078 | Diesel Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0021177 | 0.0018848 | 0.0005663 |
| 2008 Uncontrolled | 24005 | BNAA | 2270002081 | Diesel Eng; Construction & Mining Equip; Other Construction Equip | 0.0652821 | 0.1423181 | 0.0100639 |
| 2008 Uncontrolled | 24005 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.0146002 | 0.0137467 | 0.0038977 |
| 2008 Uncontrolled | 24005 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.0903182 | 0.1623602 | 0.0150898 |
| 2008 Uncontrolled | 24005 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.0212077 | 0.0793974 | 0.0062482 |
| 2008 Uncontrolled | 24005 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.022865 | 0.08611 | 0.0067843 |
| 2008 Uncontrolled | 24005 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.0024829 | 0.0039503 | 0.0007015 |
| 2008 Uncontrolled | 24005 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.1436903 | 0.3204563 | 0.0331703 |
| 2008 Uncontrolled | 24005 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.0326886 | 0.1091493 | 0.0078376 |
| 2008 Uncontrolled | 24005 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.733E-05 | 2.88E-05 | 5.196E-06 |
| 2008 Uncontrolled | 24005 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.0926388 | 0.170168 | 0.0255255 |
| 2008 Uncontrolled | 24005 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.0195163 | 0.03439 | 0.0053085 |
| 2008 Uncontrolled | 24005 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.1041882 | 0.2717244 | 0.0261108 |
| 2008 Uncontrolled | 24005 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0094412 | 0.0262537 | 0.002437 |
| 2008 Uncontrolled | 24005 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.0003718 | 0.0007071 | 9.749E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2270005010 | Diesel Eng; Agricultural Equip; 2-Wheel Tractors | 5.816E-06 | 4.863E-06 | 8.576E-07 |
| 2008 Uncontrolled | 24005 | BNAA | 2270005015 | Diesel Eng; Agricultural Equip; Agricultural Tractors | 0.1209131 | 0.2417109 | 0.0235778 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|---|-----------|-----------|-----------|
| 2008 Uncontrolled | 24005 | BNAA | 2270005020 | Diesel Eng; Agricultural Equip; Combines | 0.0089277 | 0.0249887 | 0.0020923 |
| 2008 Uncontrolled | 24005 | BNAA | 2270005025 | Diesel Eng; Agricultural Equip; Balers | 7.708E-05 | 0.0001148 | 1.909E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2270005030 | Diesel Eng; Agricultural Equip; Agricultural Mowers | 1.837E-05 | 2.346E-05 | 3.371E-06 |
| 2008 Uncontrolled | 24005 | BNAA | 2270005035 | Diesel Eng; Agricultural Equip; Sprayers | 0.0009375 | 0.0018879 | 0.0002587 |
| 2008 Uncontrolled | 24005 | BNAA | 2270005040 | Diesel Eng; Agricultural Equip; Tillers > 6HP | 2.685E-06 | 4.675E-06 | 4.284E-07 |
| 2008 Uncontrolled | 24005 | BNAA | 2270005045 | Diesel Eng; Agricultural Equip; Swathers | 0.0009971 | 0.0017566 | 0.0002025 |
| 2008 Uncontrolled | 24005 | BNAA | 2270005055 | Diesel Eng; Agricultural Equip; Other Agricultural Equip | 0.002466 | 0.0050594 | 0.000523 |
| 2008 Uncontrolled | 24005 | BNAA | 2270005060 | Diesel Eng; Agricultural Equip; Irrigation Sets | 0.0011649 | 0.0033545 | 0.0003339 |
| 2008 Uncontrolled | 24005 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.1112227 | 0.2357633 | 0.0302769 |
| 2008 Uncontrolled | 24005 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.0261897 | 0.0563467 | 0.0068195 |
| 2008 Uncontrolled | 24005 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.0569726 | 0.1408816 | 0.0143159 |
| 2008 Uncontrolled | 24005 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.0895327 | 0.0688092 | 0.0226967 |
| 2008 Uncontrolled | 24005 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.0033101 | 0.007888 | 0.0009696 |
| 2008 Uncontrolled | 24005 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.002509 | 0.0060099 | 0.000634 |
| 2008 Uncontrolled | 24005 | BNAA | 2270007015 | Diesel Eng; Logging Equip; Feller-Bunch-Skidder | 0.0025468 | 0.009327 | 0.0006066 |
| 2008 Uncontrolled | 24005 | BNAA | 2270008005 | Diesel Eng; Airport Ground Support Equip; Airport Ground Support Equip | 0.0001209 | 0.0003143 | 2.208E-05 |
| 2008 Uncontrolled | 24005 | BNAA | 2270010010 | Diesel Eng; Industrial Equip; Other Oil Field Equipment | 0.0007275 | 0.0028586 | 0.0001798 |
| 2008 Uncontrolled | 24005 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 6.1134791 | 0.1285437 | 3.3774121 |
| 2008 Uncontrolled | 24005 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 2.3458463 | 0.0372812 | 1.0970289 |
| 2008 Uncontrolled | 24005 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Stern Drive | 3.27078 | 0.1858191 | 0.2579167 |
| 2008 Uncontrolled | 24005 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Stern Drive | 0.0336407 | 0.2134469 | 0.0079003 |
| 2008 Uncontrolled | 24005 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 0.0004629 | 0.0007423 | 0.0001478 |
| 2008 Uncontrolled | 24005 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.0060882 | 0.0085115 | 0.0014843 |
| 2008 Uncontrolled | 24005 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.018644 | 0.0001413 | 0.0004919 |
| 2008 Uncontrolled | 24005 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 9.008E-05 | 2.248E-05 | 6.09E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.3020836 | 0.0012021 | 0.3671832 |
| 2008 Uncontrolled | 24013 | BNAA | 2260001030 | 2-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.4143103 | 0.0016652 | 0.5082891 |
| 2008 Uncontrolled | 24013 | BNAA | 2260001060 | 2-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.2605021 | 0.0020595 | 0.0093346 |
| 2008 Uncontrolled | 24013 | BNAA | 2260002006 | 2-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0322964 | 0.000224 | 0.0136575 |
| 2008 Uncontrolled | 24013 | BNAA | 2260002009 | 2-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.0014683 | 3.907E-06 | 0.0007361 |
| 2008 Uncontrolled | 24013 | BNAA | 2260002021 | 2-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.0017689 | 4.678E-06 | 0.0008813 |
| 2008 Uncontrolled | 24013 | BNAA | 2260002027 | 2-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 1.381E-05 | 3.537E-08 | 7.052E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2260002039 | 2-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0853389 | 0.0005367 | 0.0362339 |
| 2008 Uncontrolled | 24013 | BNAA | 2260002054 | 2-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0003595 | 9.209E-07 | 0.0001777 |
| 2008 Uncontrolled | 24013 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0002726 | 6.983E-07 | 0.0001379 |
| 2008 Uncontrolled | 24013 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 2.147E-05 | 5.499E-08 | 1.071E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.0077857 | 2.118E-05 | 0.004419 |
| 2008 Uncontrolled | 24013 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.0812912 | 0.0002243 | 0.0415256 |
| 2008 Uncontrolled | 24013 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.0668326 | 0.0001824 | 0.0415263 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24013 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 0.8362898 | 0.0050732 | 0.3955654 |
| 2008 Uncontrolled | 24013 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.1506233 | 0.0004274 | 0.0886838 |
| 2008 Uncontrolled | 24013 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.8423175 | 0.0027606 | 0.4312159 |
| 2008 Uncontrolled | 24013 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.095847 | 0.0002645 | 0.0562883 |
| 2008 Uncontrolled | 24013 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 0.8784927 | 0.004094 | 0.404855 |
| 2008 Uncontrolled | 24013 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.007502 |
| 2008 Uncontrolled | 24013 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0024912 |
| 2008 Uncontrolled | 24013 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0003429 | 9.261E-07 | 0.000166 |
| 2008 Uncontrolled | 24013 | BNAA | 2260005035 | 2-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.002712 | 7.802E-06 | 0.0013901 |
| 2008 Uncontrolled | 24013 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.0078507 | 2.109E-05 | 0.0039849 |
| 2008 Uncontrolled | 24013 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.056877 | 0.0001502 | 0.0289397 |
| 2008 Uncontrolled | 24013 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 2.133E-05 | 5.465E-08 | 1.056E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.0003357 | 8.599E-07 | 0.0001659 |
| 2008 Uncontrolled | 24013 | BNAA | 2260007005 | 2-Stroke Gas Eng; Logging Equip; Chain Saws > 6 HP | 0.0103924 | 6.892E-05 | 0.0045619 |
| 2008 Uncontrolled | 24013 | BNAA | 2265001010 | 4-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.137058 | 0.0014283 | 0.013752 |
| 2008 Uncontrolled | 24013 | BNAA | 2265001030 | 4-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 1.3364318 | 0.0139663 | 0.1529844 |
| 2008 Uncontrolled | 24013 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 1.7143261 | 0.0102658 | 0.0337479 |
| 2008 Uncontrolled | 24013 | BNAA | 2265001060 | 4-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.2210009 | 0.001894 | 0.0100567 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002003 | 4-Stroke Gas Eng; Construction & Mining Equip; Pavers | 0.0299947 | 0.0003278 | 0.0006839 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002006 | 4-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0002397 | 1.63E-06 | 5.468E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002009 | 4-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.0552779 | 0.0003825 | 0.0027221 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002015 | 4-Stroke Gas Eng; Construction & Mining Equip; Rollers | 0.0558869 | 0.000577 | 0.0011268 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002021 | 4-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.1089544 | 0.0007852 | 0.0037466 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002024 | 4-Stroke Gas Eng; Construction & Mining Equip; Surfacing Equip | 0.0489796 | 0.0003378 | 0.0013884 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002027 | 4-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0025035 | 1.615E-05 | 9.746E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002030 | 4-Stroke Gas Eng; Construction & Mining Equip; Trenchers | 0.091611 | 0.0010034 | 0.0027459 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002033 | 4-Stroke Gas Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0267038 | 0.0003244 | 0.0017086 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002039 | 4-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.2238291 | 0.0017457 | 0.0041126 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002042 | 4-Stroke Gas Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.0930401 | 0.0006757 | 0.0040036 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002045 | 4-Stroke Gas Eng; Construction & Mining Equip; Cranes | 0.0037627 | 0.0001702 | 0.0001446 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002054 | 4-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0133057 | 0.0001091 | 0.0003628 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002057 | 4-Stroke Gas Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0048962 | 0.0002952 | 0.000216 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002060 | 4-Stroke Gas Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0117286 | 0.0007328 | 0.0005208 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002066 | 4-Stroke Gas Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.0713198 | 0.0005233 | 0.0013448 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002072 | 4-Stroke Gas Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0318951 | 0.0007524 | 0.0009388 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002078 | 4-Stroke Gas Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0144811 | 0.0001106 | 0.0005786 |
| 2008 Uncontrolled | 24013 | BNAA | 2265002081 | 4-Stroke Gas Eng; Construction & Mining Equip; Other Construction Equip | 0.0041224 | 0.0002562 | 0.0001893 |
| 2008 Uncontrolled | 24013 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.0276593 | 0.0008735 | 0.0009473 |
| 2008 Uncontrolled | 24013 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.0611864 | 0.0037518 | 0.0026655 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24013 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0264011 | 0.0006604 | 0.0008225 |
| 2008 Uncontrolled | 24013 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.067112 | 0.0005823 | 0.0028932 |
| 2008 Uncontrolled | 24013 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.0021208 | 5.74E-05 | 6.747E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.0033163 | 2.159E-05 | 7.508E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.0064151 | 0.0003923 | 0.000278 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 1.8136357 | 0.0136733 | 0.1981153 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 3.3035764 | 0.0231119 | 0.2532151 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.1525033 | 0.0011573 | 0.0172456 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 1.6073861 | 0.0118714 | 0.1219513 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.010242 | 7.601E-05 | 0.0012115 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.0831634 | 0.0005675 | 0.0047132 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.0195786 | 0.0001458 | 0.0021413 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 3.3664372 | 0.0371757 | 0.0872374 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0149629 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0055435 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 0.4408052 | 0.0030204 | 0.0193544 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 0.437196 | 0.0028282 | 0.0084713 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.4591275 | 0.0033719 | 0.0141331 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.1839898 | 0.0013678 | 0.0146217 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 5.8829888 | 0.0412874 | 0.2195265 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 5.9114763 | 0.0391271 | 0.1112995 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.7682273 | 0.0140526 | 0.0177518 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 17.930487 | 0.1477695 | 0.4235334 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.1842378 | 0.00138 | 0.0102782 |
| 2008 Uncontrolled | 24013 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.4934131 | 0.0037438 | 0.027752 |
| 2008 Uncontrolled | 24013 | BNAA | 2265005010 | 4-Stroke Gas Eng; Agricultural Equip; 2-Wheel Tractors | 0.0111948 | 7.234E-05 | 0.0002114 |
| 2008 Uncontrolled | 24013 | BNAA | 2265005015 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Tractors | 0.0222036 | 0.0008873 | 0.0007312 |
| 2008 Uncontrolled | 24013 | BNAA | 2265005020 | 4-Stroke Gas Eng; Agricultural Equip; Combines | 9.276E-05 | 5.939E-06 | 4.783E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2265005025 | 4-Stroke Gas Eng; Agricultural Equip; Balers | 0.0100132 | 0.000641 | 0.0005805 |
| 2008 Uncontrolled | 24013 | BNAA | 2265005030 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Mowers | 0.00865 | 6.089E-05 | 0.0002015 |
| 2008 Uncontrolled | 24013 | BNAA | 2265005035 | 4-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0720636 | 0.0010536 | 0.0032548 |
| 2008 Uncontrolled | 24013 | BNAA | 2265005040 | 4-Stroke Gas Eng; Agricultural Equip; Tillers > 6 HP | 0.1768257 | 0.0011059 | 0.0067632 |
| 2008 Uncontrolled | 24013 | BNAA | 2265005045 | 4-Stroke Gas Eng; Agricultural Equip; Swathers | 0.0158899 | 0.0010172 | 0.0008408 |
| 2008 Uncontrolled | 24013 | BNAA | 2265005055 | 4-Stroke Gas Eng; Agricultural Equip; Other Agricultural Equip | 0.033061 | 0.0012105 | 0.0012583 |
| 2008 Uncontrolled | 24013 | BNAA | 2265005060 | 4-Stroke Gas Eng; Agricultural Equip; Irrigation Sets | 0.0309123 | 0.0017705 | 0.0013761 |
| 2008 Uncontrolled | 24013 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 2.5173981 | 0.017717 | 0.0901617 |
| 2008 Uncontrolled | 24013 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 0.580934 | 0.0055039 | 0.0263014 |
| 2008 Uncontrolled | 24013 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 0.2869015 | 0.0039031 | 0.0104549 |
| 2008 Uncontrolled | 24013 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 0.7243399 | 0.0068944 | 0.0172384 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24013 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 1.110315 | 0.0076357 | 0.0467663 |
| 2008 Uncontrolled | 24013 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.0558927 | 0.0003911 | 0.0015724 |
| 2008 Uncontrolled | 24013 | BNAA | 2265007010 | 2-Stroke Gas Eng; Logging Equip; Shredders > 6 HP | 0.0232908 | 0.0001746 | 0.0008295 |
| 2008 Uncontrolled | 24013 | BNAA | 2265007015 | 2-Stroke Gas Eng; Logging Equip; Feller-Bunch-Skidder | 0.0002837 | 1.836E-06 | 1.351E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2265008005 | 4-Stroke Gas Eng; Airport Ground Support Equip; Airport Ground Support Equip | 7.171E-05 | 2.412E-06 | 2.902E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2265010010 | 4-Stroke Gas Eng; Industrial Equip; Other Oil Field Equipment | 0.0449256 | 0.000269 | 0.0007285 |
| 2008 Uncontrolled | 24013 | BNAA | 2267001060 | LPG Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0023972 | 0.0006007 | 0.0001624 |
| 2008 Uncontrolled | 24013 | BNAA | 2267002003 | LPG Eng; Construction & Mining Equip; Pavers | 0.0008517 | 0.000211 | 5.755E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2267002015 | LPG Eng; Construction & Mining Equip; Rollers | 0.0014721 | 0.0003614 | 9.925E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2267002021 | LPG Eng; Construction & Mining Equip; Paving Equip | 0.000223 | 5.584E-05 | 1.511E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2267002024 | LPG Eng; Construction & Mining Equip; Surfacing Equip | 0.0001492 | 3.686E-05 | 1.007E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2267002030 | LPG Eng; Construction & Mining Equip; Trenchers | 0.0026174 | 0.0006488 | 0.0001769 |
| 2008 Uncontrolled | 24013 | BNAA | 2267002033 | LPG Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0008475 | 0.000214 | 5.754E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2267002039 | LPG Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0025448 | 0.0006171 | 0.000171 |
| 2008 Uncontrolled | 24013 | BNAA | 2267002045 | LPG Eng; Construction & Mining Equip; Cranes | 0.0009128 | 0.0002284 | 6.183E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2267002054 | LPG Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0001478 | 3.697E-05 | 1.001E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2267002057 | LPG Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0016604 | 0.000413 | 0.0001123 |
| 2008 Uncontrolled | 24013 | BNAA | 2267002060 | LPG Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0041728 | 0.0010303 | 0.0002817 |
| 2008 Uncontrolled | 24013 | BNAA | 2267002066 | LPG Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.0004405 | 0.0001083 | 2.971E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2267002072 | LPG Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0033942 | 0.0008474 | 0.0002298 |
| 2008 Uncontrolled | 24013 | BNAA | 2267002081 | LPG Eng; Construction & Mining Equip; Other Construction Equip | 0.001368 | 0.0003431 | 9.272E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.0085421 | 0.0021446 | 0.0005791 |
| 2008 Uncontrolled | 24013 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 0.8160271 | 0.2020087 | 0.0551279 |
| 2008 Uncontrolled | 24013 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.006287 | 0.0015378 | 0.0004235 |
| 2008 Uncontrolled | 24013 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.0019261 | 0.0004752 | 0.00013 |
| 2008 Uncontrolled | 24013 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.0004614 | 0.0001157 | 3.127E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.0038537 | 0.0009399 | 0.0002594 |
| 2008 Uncontrolled | 24013 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0489007 | 0.0120621 | 0.0033006 |
| 2008 Uncontrolled | 24013 | BNAA | 2267005055 | LPG Eng; Agri Equip; Other Equip | 5.747E-05 | 1.431E-05 | 3.888E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2267005060 | LPG Eng; Agricultural Equip; Irrigation Sets | 9E-05 | 2.208E-05 | 6.067E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.0295358 | 0.0110156 | 0.002247 |
| 2008 Uncontrolled | 24013 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.0069847 | 0.0025635 | 0.0005292 |
| 2008 Uncontrolled | 24013 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.0085201 | 0.0030937 | 0.0006438 |
| 2008 Uncontrolled | 24013 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.015378 | 0.0038578 | 0.0010423 |
| 2008 Uncontrolled | 24013 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.0001963 | 4.984E-05 | 1.334E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.0001344 | 4.86E-05 | 1.015E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2267008005 | LPG Eng; Airport Ground Support Equip; Airport Ground Support Equip | 1.493E-05 | 3.702E-06 | 1.009E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2268002081 | CNG Eng; Construction & Mining Equip; Other Construction Equip | 5.377E-05 | 1.349E-05 | 2.148E-07 |
| 2008 Uncontrolled | 24013 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.0577872 | 0.0142887 | 0.00023 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|---|-----------|-----------|-----------|
| 2008 Uncontrolled | 24013 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 6.572E-05 | 1.624E-05 | 2.616E-07 |
| 2008 Uncontrolled | 24013 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 3.58E-05 | 8.847E-06 | 1.425E-07 |
| 2008 Uncontrolled | 24013 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.0002592 | 6.377E-05 | 1.03E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.0002704 | 6.593E-05 | 1.073E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2268005055 | CNG Eng; Agri Equip; Other Equip | 4.865E-05 | 1.096E-05 | 1.894E-07 |
| 2008 Uncontrolled | 24013 | BNAA | 2268005060 | CNG Eng; Agricultural Equip; Irrigation Sets | 0.0007552 | 0.000169 | 2.935E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.0086939 | 0.0032098 | 3.889E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.0004479 | 0.0001639 | 1.999E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.0006429 | 0.0002325 | 2.86E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.0372521 | 0.0083259 | 0.0001447 |
| 2008 Uncontrolled | 24013 | BNAA | 2268010010 | CNG Eng; Industrial Equip; Other Oil Field Equipment | 0.0050325 | 0.0011836 | 1.979E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2270001060 | Diesel Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0064584 | 0.0062842 | 0.0017171 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002003 | Diesel Eng; Construction & Mining Equip; Pavers | 0.005891 | 0.015363 | 0.001217 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002006 | Diesel Eng; Construction & Mining Equip; Tampers/Rammers | 2.077E-05 | 3.088E-05 | 4.967E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002009 | Diesel Eng; Construction & Mining Equip; Plate Compactors | 0.0003109 | 0.000477 | 7.757E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002015 | Diesel Eng; Construction & Mining Equip; Rollers | 0.017612 | 0.037842 | 0.0033067 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002018 | Diesel Eng; Construction & Mining Equip; Scrapers | 0.0158287 | 0.0411256 | 0.0021953 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002021 | Diesel Eng; Construction & Mining Equip; Paving Equip | 0.0011201 | 0.0023661 | 0.0002173 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002024 | Diesel Eng; Construction & Mining Equip; Surfacing Equip | 0.0008855 | 0.0015664 | 0.0001405 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002027 | Diesel Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0023144 | 0.0042551 | 0.0006338 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002030 | Diesel Eng; Construction & Mining Equip; Trenchers | 0.0112322 | 0.0178171 | 0.0019179 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002033 | Diesel Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0069348 | 0.0207334 | 0.0017159 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002036 | Diesel Eng; Construction & Mining Equip; Excavators | 0.048108 | 0.1546959 | 0.0105572 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002039 | Diesel Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0008583 | 0.0011915 | 0.0001443 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002042 | Diesel Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.0003445 | 0.0007842 | 8.866E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002045 | Diesel Eng; Construction & Mining Equip; Cranes | 0.0087547 | 0.039992 | 0.002527 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002048 | Diesel Eng; Construction & Mining Equip; Graders | 0.0105428 | 0.0391443 | 0.0026018 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002051 | Diesel Eng; Construction & Mining Equip; Off-highway Trucks | 0.0396711 | 0.1370072 | 0.0074704 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002054 | Diesel Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0021082 | 0.0069655 | 0.0005067 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002057 | Diesel Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0278649 | 0.0494929 | 0.0049604 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002060 | Diesel Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0666282 | 0.1802858 | 0.0123058 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002066 | Diesel Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.1004259 | 0.1136286 | 0.0242501 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002069 | Diesel Eng; Construction & Mining Equip; Crawler Tractor/Dozers | 0.0560395 | 0.1587711 | 0.0102217 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002072 | Diesel Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0887325 | 0.0746112 | 0.0222231 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002075 | Diesel Eng; Construction & Mining Equip; Off-highway Tractors | 0.0080202 | 0.0186671 | 0.0012356 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002078 | Diesel Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0002687 | 0.0002391 | 7.184E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2270002081 | Diesel Eng; Construction & Mining Equip; Other Construction Equip | 0.0082823 | 0.0180557 | 0.0012768 |
| 2008 Uncontrolled | 24013 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.0020348 | 0.0019159 | 0.0005432 |
| 2008 Uncontrolled | 24013 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.0125878 | 0.0226284 | 0.0021031 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24013 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.0029558 | 0.0110657 | 0.0008708 |
| 2008 Uncontrolled | 24013 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.0031867 | 0.0120013 | 0.0009455 |
| 2008 Uncontrolled | 24013 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.000346 | 0.0005506 | 9.777E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.0297847 | 0.0664254 | 0.0068757 |
| 2008 Uncontrolled | 24013 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.0045559 | 0.0152123 | 0.0010923 |
| 2008 Uncontrolled | 24013 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 5.463E-06 | 9.08E-06 | 1.638E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.029207 | 0.0536502 | 0.0080476 |
| 2008 Uncontrolled | 24013 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.0061531 | 0.0108424 | 0.0016737 |
| 2008 Uncontrolled | 24013 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0328482 | 0.0856687 | 0.0082321 |
| 2008 Uncontrolled | 24013 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0029766 | 0.0082772 | 0.0007683 |
| 2008 Uncontrolled | 24013 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.0001172 | 0.0002229 | 3.074E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2270005010 | Diesel Eng; Agricultural Equip; 2-Wheel Tractors | 1.508E-05 | 1.261E-05 | 2.223E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2270005015 | Diesel Eng; Agricultural Equip; Agricultural Tractors | 0.3134412 | 0.6265835 | 0.0611204 |
| 2008 Uncontrolled | 24013 | BNAA | 2270005020 | Diesel Eng; Agricultural Equip; Combines | 0.0231432 | 0.0647779 | 0.0054239 |
| 2008 Uncontrolled | 24013 | BNAA | 2270005025 | Diesel Eng; Agricultural Equip; Balers | 0.0001998 | 0.0002976 | 4.948E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2270005030 | Diesel Eng; Agricultural Equip; Agricultural Mowers | 4.761E-05 | 6.082E-05 | 8.738E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2270005035 | Diesel Eng; Agricultural Equip; Sprayers | 0.0024303 | 0.0048939 | 0.0006708 |
| 2008 Uncontrolled | 24013 | BNAA | 2270005040 | Diesel Eng; Agricultural Equip; Tillers > 6HP | 6.961E-06 | 1.212E-05 | 1.111E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2270005045 | Diesel Eng; Agricultural Equip; Swathers | 0.0025847 | 0.0045535 | 0.0005248 |
| 2008 Uncontrolled | 24013 | BNAA | 2270005055 | Diesel Eng; Agricultural Equip; Other Agricultural Equip | 0.0063925 | 0.0131154 | 0.0013557 |
| 2008 Uncontrolled | 24013 | BNAA | 2270005060 | Diesel Eng; Agricultural Equip; Irrigation Sets | 0.0030198 | 0.0086959 | 0.0008655 |
| 2008 Uncontrolled | 24013 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.0183164 | 0.0388261 | 0.0049861 |
| 2008 Uncontrolled | 24013 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.004313 | 0.0092793 | 0.001123 |
| 2008 Uncontrolled | 24013 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.0093824 | 0.0232007 | 0.0023576 |
| 2008 Uncontrolled | 24013 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.0147445 | 0.0113317 | 0.0037378 |
| 2008 Uncontrolled | 24013 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.0005451 | 0.001299 | 0.0001597 |
| 2008 Uncontrolled | 24013 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.0004132 | 0.0009897 | 0.0001044 |
| 2008 Uncontrolled | 24013 | BNAA | 2270007015 | Diesel Eng; Logging Equip; Feller-Bunch-Skidder | 0.0019181 | 0.0070245 | 0.0004568 |
| 2008 Uncontrolled | 24013 | BNAA | 2270008005 | Diesel Eng; Airport Ground Support Equip; Airport Ground Support Equip | 4.562E-05 | 0.0001186 | 8.331E-06 |
| 2008 Uncontrolled | 24013 | BNAA | 2270010010 | Diesel Eng; Industrial Equip; Other Oil Field Equipment | 0.0007275 | 0.0028586 | 0.0001798 |
| 2008 Uncontrolled | 24013 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 0.5042045 | 0.0106015 | 0.2785494 |
| 2008 Uncontrolled | 24013 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 0.1934719 | 0.0030747 | 0.0904766 |
| 2008 Uncontrolled | 24013 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Sternrive | 0.1414391 | 0.0080354 | 0.0111532 |
| 2008 Uncontrolled | 24013 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Sternrive | 0.0014547 | 0.0092301 | 0.0003416 |
| 2008 Uncontrolled | 24013 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 3.818E-05 | 6.122E-05 | 1.219E-05 |
| 2008 Uncontrolled | 24013 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.0017456 | 0.0024404 | 0.0004256 |
| 2008 Uncontrolled | 24013 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.0053457 | 4.052E-05 | 0.000141 |
| 2008 Uncontrolled | 24013 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 2.583E-05 | 6.445E-06 | 1.746E-06 |
| 2008 Uncontrolled | 24025 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.5034727 | 0.0020035 | 0.611972 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24025 | BNAA | 2260001030 | 2-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.6905173 | 0.0027754 | 0.8471486 |
| 2008 Uncontrolled | 24025 | BNAA | 2260001060 | 2-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.4341702 | 0.0034325 | 0.0155576 |
| 2008 Uncontrolled | 24025 | BNAA | 2260002006 | 2-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0680511 | 0.000472 | 0.0287773 |
| 2008 Uncontrolled | 24025 | BNAA | 2260002009 | 2-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.0030937 | 8.232E-06 | 0.0015509 |
| 2008 Uncontrolled | 24025 | BNAA | 2260002021 | 2-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.0037273 | 9.858E-06 | 0.0018571 |
| 2008 Uncontrolled | 24025 | BNAA | 2260002027 | 2-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 2.909E-05 | 7.452E-08 | 1.486E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2260002039 | 2-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.1798157 | 0.0011308 | 0.0763477 |
| 2008 Uncontrolled | 24025 | BNAA | 2260002054 | 2-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0007575 | 1.94E-06 | 0.0003745 |
| 2008 Uncontrolled | 24025 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0004402 | 1.128E-06 | 0.0002227 |
| 2008 Uncontrolled | 24025 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 3.467E-05 | 8.881E-08 | 1.73E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.0118727 | 3.23E-05 | 0.0067387 |
| 2008 Uncontrolled | 24025 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.0592674 | 0.0001635 | 0.0302753 |
| 2008 Uncontrolled | 24025 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.1019153 | 0.0002781 | 0.0633249 |
| 2008 Uncontrolled | 24025 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 0.609718 | 0.0036988 | 0.2883968 |
| 2008 Uncontrolled | 24025 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.2296905 | 0.0006518 | 0.1352369 |
| 2008 Uncontrolled | 24025 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.6141126 | 0.0020127 | 0.3143887 |
| 2008 Uncontrolled | 24025 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.1461602 | 0.0004033 | 0.0858358 |
| 2008 Uncontrolled | 24025 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 0.640487 | 0.0029848 | 0.2951696 |
| 2008 Uncontrolled | 24025 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.01144 |
| 2008 Uncontrolled | 24025 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0018163 |
| 2008 Uncontrolled | 24025 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.00025 | 6.752E-07 | 0.000121 |
| 2008 Uncontrolled | 24025 | BNAA | 2260005035 | 2-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0012354 | 3.554E-06 | 0.0006332 |
| 2008 Uncontrolled | 24025 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.010641 | 2.858E-05 | 0.0054012 |
| 2008 Uncontrolled | 24025 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.0770923 | 0.0002036 | 0.0392256 |
| 2008 Uncontrolled | 24025 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 2.892E-05 | 7.407E-08 | 1.432E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.000455 | 1.166E-06 | 0.0002249 |
| 2008 Uncontrolled | 24025 | BNAA | 2260007005 | 2-Stroke Gas Eng; Logging Equip; Chain Saws > 6 HP | 0.0156984 | 0.0001041 | 0.0068911 |
| 2008 Uncontrolled | 24025 | BNAA | 2265001010 | 4-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.22843 | 0.0023804 | 0.02292 |
| 2008 Uncontrolled | 24025 | BNAA | 2265001030 | 4-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 2.2273865 | 0.0232771 | 0.2549741 |
| 2008 Uncontrolled | 24025 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 2.2041334 | 0.0131989 | 0.0433902 |
| 2008 Uncontrolled | 24025 | BNAA | 2265001060 | 4-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.3683348 | 0.0031566 | 0.0167611 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002003 | 4-Stroke Gas Eng; Construction & Mining Equip; Pavers | 0.0632012 | 0.0006907 | 0.001441 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002006 | 4-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0005051 | 3.434E-06 | 1.152E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002009 | 4-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.1164749 | 0.000806 | 0.0057356 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002015 | 4-Stroke Gas Eng; Construction & Mining Equip; Rollers | 0.117758 | 0.0012159 | 0.0023742 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002021 | 4-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.2295755 | 0.0016545 | 0.0078943 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002024 | 4-Stroke Gas Eng; Construction & Mining Equip; Surfacing Equip | 0.1032038 | 0.0007117 | 0.0029256 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002027 | 4-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0052751 | 3.402E-05 | 0.0002054 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002030 | 4-Stroke Gas Eng; Construction & Mining Equip; Trenchers | 0.1930316 | 0.0021142 | 0.0057858 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24025 | BNAA | 2265002033 | 4-Stroke Gas Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.056267 | 0.0006835 | 0.0036003 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002039 | 4-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.4716255 | 0.0036783 | 0.0086656 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002042 | 4-Stroke Gas Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.1960427 | 0.0014237 | 0.0084358 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002045 | 4-Stroke Gas Eng; Construction & Mining Equip; Cranes | 0.0079283 | 0.0003587 | 0.0003048 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002054 | 4-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0280361 | 0.0002299 | 0.0007645 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002057 | 4-Stroke Gas Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0103166 | 0.0006221 | 0.0004551 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002060 | 4-Stroke Gas Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0247132 | 0.0015442 | 0.0010973 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002066 | 4-Stroke Gas Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.1502764 | 0.0011027 | 0.0028336 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002072 | 4-Stroke Gas Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0672055 | 0.0015854 | 0.0019782 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002078 | 4-Stroke Gas Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0305128 | 0.0002331 | 0.0012192 |
| 2008 Uncontrolled | 24025 | BNAA | 2265002081 | 4-Stroke Gas Eng; Construction & Mining Equip; Other Construction Equip | 0.0086863 | 0.0005398 | 0.0003989 |
| 2008 Uncontrolled | 24025 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.0446667 | 0.0014106 | 0.0015298 |
| 2008 Uncontrolled | 24025 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.098809 | 0.0060588 | 0.0043044 |
| 2008 Uncontrolled | 24025 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0426348 | 0.0010665 | 0.0013283 |
| 2008 Uncontrolled | 24025 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.1083783 | 0.0009403 | 0.0046722 |
| 2008 Uncontrolled | 24025 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.0034249 | 9.269E-05 | 0.0001089 |
| 2008 Uncontrolled | 24025 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.0047325 | 3.08E-05 | 0.0001071 |
| 2008 Uncontrolled | 24025 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.0103597 | 0.0006334 | 0.000449 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 2.7656725 | 0.0208509 | 0.3021125 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 2.4085548 | 0.0168503 | 0.1846128 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.2325573 | 0.0017648 | 0.0262984 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 1.1719049 | 0.0086552 | 0.0889116 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.0156183 | 0.0001159 | 0.0018474 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.0606324 | 0.0004138 | 0.0034363 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.029856 | 0.0002223 | 0.0032653 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 2.454385 | 0.0271038 | 0.0636026 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0228174 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0040416 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 0.6721982 | 0.0046059 | 0.0295141 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 0.3187486 | 0.002062 | 0.0061762 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.3347383 | 0.0024584 | 0.0103041 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.1341424 | 0.0009972 | 0.0106603 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 8.9711622 | 0.0629606 | 0.3347632 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 4.3099086 | 0.0285266 | 0.0811457 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.5600952 | 0.0102454 | 0.0129424 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 13.072668 | 0.107735 | 0.3087876 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.2809502 | 0.0021045 | 0.0156736 |
| 2008 Uncontrolled | 24025 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.3597351 | 0.0027295 | 0.0202333 |
| 2008 Uncontrolled | 24025 | BNAA | 2265005010 | 4-Stroke Gas Eng; Agricultural Equip; 2-Wheel Tractors | 0.0050996 | 3.295E-05 | 9.631E-05 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|---|-----------|-----------|-----------|
| 2008 Uncontrolled | 24025 | BNAA | 2265005015 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Tractors | 0.0101143 | 0.0004042 | 0.0003331 |
| 2008 Uncontrolled | 24025 | BNAA | 2265005020 | 4-Stroke Gas Eng; Agricultural Equip; Combines | 4.225E-05 | 2.705E-06 | 2.179E-06 |
| 2008 Uncontrolled | 24025 | BNAA | 2265005025 | 4-Stroke Gas Eng; Agricultural Equip; Balers | 0.0045613 | 0.000292 | 0.0002644 |
| 2008 Uncontrolled | 24025 | BNAA | 2265005030 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Mowers | 0.0039403 | 2.774E-05 | 9.18E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2265005035 | 4-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0328269 | 0.00048 | 0.0014827 |
| 2008 Uncontrolled | 24025 | BNAA | 2265005040 | 4-Stroke Gas Eng; Agricultural Equip; Tillers > 6 HP | 0.0805488 | 0.0005038 | 0.0030808 |
| 2008 Uncontrolled | 24025 | BNAA | 2265005045 | 4-Stroke Gas Eng; Agricultural Equip; Swathers | 0.0072383 | 0.0004634 | 0.000383 |
| 2008 Uncontrolled | 24025 | BNAA | 2265005055 | 4-Stroke Gas Eng; Agricultural Equip; Other Agricultural Equip | 0.0150601 | 0.0005514 | 0.0005732 |
| 2008 Uncontrolled | 24025 | BNAA | 2265005060 | 4-Stroke Gas Eng; Agricultural Equip; Irrigation Sets | 0.0140814 | 0.0008065 | 0.0006268 |
| 2008 Uncontrolled | 24025 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 3.4121361 | 0.024014 | 0.1222071 |
| 2008 Uncontrolled | 24025 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 0.7874106 | 0.00746 | 0.0356495 |
| 2008 Uncontrolled | 24025 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 0.3888726 | 0.0052904 | 0.0141709 |
| 2008 Uncontrolled | 24025 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 0.9817861 | 0.0093448 | 0.0233653 |
| 2008 Uncontrolled | 24025 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 1.5049452 | 0.0103495 | 0.063388 |
| 2008 Uncontrolled | 24025 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.0757581 | 0.0005301 | 0.0021312 |
| 2008 Uncontrolled | 24025 | BNAA | 2265007010 | 2-Stroke Gas Eng; Logging Equip; Shredders > 6 HP | 0.0351822 | 0.0002637 | 0.0012531 |
| 2008 Uncontrolled | 24025 | BNAA | 2265007015 | 2-Stroke Gas Eng; Logging Equip; Feller-Bunch-Skidder | 0.0004285 | 2.773E-06 | 2.041E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2265010010 | 4-Stroke Gas Eng; Industrial Equip; Other Oil Field Equipment | 0.0204207 | 0.0001223 | 0.0003312 |
| 2008 Uncontrolled | 24025 | BNAA | 2267001060 | LPG Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0039953 | 0.0010012 | 0.0002707 |
| 2008 Uncontrolled | 24025 | BNAA | 2267002003 | LPG Eng; Construction & Mining Equip; Pavers | 0.0017945 | 0.0004447 | 0.0001213 |
| 2008 Uncontrolled | 24025 | BNAA | 2267002015 | LPG Eng; Construction & Mining Equip; Rollers | 0.0031019 | 0.0007615 | 0.0002091 |
| 2008 Uncontrolled | 24025 | BNAA | 2267002021 | LPG Eng; Construction & Mining Equip; Paving Equip | 0.0004699 | 0.0001177 | 3.184E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2267002024 | LPG Eng; Construction & Mining Equip; Surfacing Equip | 0.0003144 | 7.766E-05 | 2.123E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2267002030 | LPG Eng; Construction & Mining Equip; Trenchers | 0.005515 | 0.001367 | 0.0003727 |
| 2008 Uncontrolled | 24025 | BNAA | 2267002033 | LPG Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0017858 | 0.0004509 | 0.0001212 |
| 2008 Uncontrolled | 24025 | BNAA | 2267002039 | LPG Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0053622 | 0.0013003 | 0.0003604 |
| 2008 Uncontrolled | 24025 | BNAA | 2267002045 | LPG Eng; Construction & Mining Equip; Cranes | 0.0019233 | 0.0004813 | 0.0001303 |
| 2008 Uncontrolled | 24025 | BNAA | 2267002054 | LPG Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0003114 | 7.789E-05 | 2.109E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2267002057 | LPG Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0034986 | 0.0008701 | 0.0002366 |
| 2008 Uncontrolled | 24025 | BNAA | 2267002060 | LPG Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0087924 | 0.0021709 | 0.0005936 |
| 2008 Uncontrolled | 24025 | BNAA | 2267002066 | LPG Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.0009283 | 0.0002281 | 6.26E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2267002072 | LPG Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0071518 | 0.0017854 | 0.0004842 |
| 2008 Uncontrolled | 24025 | BNAA | 2267002081 | LPG Eng; Construction & Mining Equip; Other Construction Equip | 0.0028824 | 0.0007229 | 0.0001954 |
| 2008 Uncontrolled | 24025 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.0137945 | 0.0034633 | 0.0009352 |
| 2008 Uncontrolled | 24025 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 1.3177906 | 0.3262209 | 0.0890252 |
| 2008 Uncontrolled | 24025 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0101528 | 0.0024834 | 0.0006839 |
| 2008 Uncontrolled | 24025 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.0031104 | 0.0007674 | 0.00021 |
| 2008 Uncontrolled | 24025 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.0007451 | 0.0001869 | 5.05E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.0062233 | 0.0015178 | 0.0004189 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|---|-----------|-----------|-----------|
| 2008 Uncontrolled | 24025 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0356523 | 0.0087942 | 0.0024064 |
| 2008 Uncontrolled | 24025 | BNAA | 2267005055 | LPG Eng; Agri Equip; Other Equip | 2.618E-05 | 6.518E-06 | 1.771E-06 |
| 2008 Uncontrolled | 24025 | BNAA | 2267005060 | LPG Eng; Agricultural Equip; Irrigation Sets | 4.1E-05 | 1.006E-05 | 2.764E-06 |
| 2008 Uncontrolled | 24025 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.0400335 | 0.0149307 | 0.0030456 |
| 2008 Uncontrolled | 24025 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.0094672 | 0.0034746 | 0.0007173 |
| 2008 Uncontrolled | 24025 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.0115483 | 0.0041932 | 0.0008726 |
| 2008 Uncontrolled | 24025 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.0208437 | 0.0052289 | 0.0014128 |
| 2008 Uncontrolled | 24025 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.000266 | 6.755E-05 | 1.809E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.0001822 | 6.587E-05 | 1.375E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2268002081 | CNG Eng; Construction & Mining Equip; Other Construction Equip | 0.0001133 | 2.842E-05 | 4.526E-07 |
| 2008 Uncontrolled | 24025 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.0933197 | 0.0230746 | 0.0003715 |
| 2008 Uncontrolled | 24025 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0001061 | 2.622E-05 | 4.224E-07 |
| 2008 Uncontrolled | 24025 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 5.781E-05 | 1.429E-05 | 2.301E-07 |
| 2008 Uncontrolled | 24025 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC/Refrigeration | 0.0003699 | 9.101E-05 | 1.47E-06 |
| 2008 Uncontrolled | 24025 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.0004367 | 0.0001065 | 1.732E-06 |
| 2008 Uncontrolled | 24025 | BNAA | 2268005055 | CNG Eng; Agri Equip; Other Equip | 2.216E-05 | 4.993E-06 | 8.628E-08 |
| 2008 Uncontrolled | 24025 | BNAA | 2268005060 | CNG Eng; Agricultural Equip; Irrigation Sets | 0.000344 | 7.697E-05 | 1.337E-06 |
| 2008 Uncontrolled | 24025 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.0117839 | 0.0043507 | 5.271E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.0006071 | 0.0002221 | 2.709E-06 |
| 2008 Uncontrolled | 24025 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.0008714 | 0.0003151 | 3.877E-06 |
| 2008 Uncontrolled | 24025 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.0504923 | 0.0112851 | 0.0001962 |
| 2008 Uncontrolled | 24025 | BNAA | 2268010010 | CNG Eng; Industrial Equip; Other Oil Field Equipment | 0.0022875 | 0.000538 | 8.995E-06 |
| 2008 Uncontrolled | 24025 | BNAA | 2270001060 | Diesel Eng; Recreational Equip; Specialty Vehicles/Carts | 0.010764 | 0.0104737 | 0.0028618 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002003 | Diesel Eng; Construction & Mining Equip; Pavers | 0.0124129 | 0.032371 | 0.0025644 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002006 | Diesel Eng; Construction & Mining Equip; Tampers/Rammers | 4.376E-05 | 6.506E-05 | 1.047E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002009 | Diesel Eng; Construction & Mining Equip; Plate Compactors | 0.0006552 | 0.001005 | 0.0001634 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002015 | Diesel Eng; Construction & Mining Equip; Rollers | 0.0371098 | 0.0797362 | 0.0069674 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002018 | Diesel Eng; Construction & Mining Equip; Scrapers | 0.0333523 | 0.0866549 | 0.0046256 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002021 | Diesel Eng; Construction & Mining Equip; Paving Equip | 0.0023602 | 0.0049855 | 0.0004579 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002024 | Diesel Eng; Construction & Mining Equip; Surfacing Equip | 0.0018659 | 0.0033005 | 0.000296 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002027 | Diesel Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0048766 | 0.0089658 | 0.0013354 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002030 | Diesel Eng; Construction & Mining Equip; Trenchers | 0.0236671 | 0.0375421 | 0.0040412 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002033 | Diesel Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0146121 | 0.0436868 | 0.0036156 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002036 | Diesel Eng; Construction & Mining Equip; Excavators | 0.1013674 | 0.3259564 | 0.0222449 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002039 | Diesel Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0018085 | 0.0025105 | 0.000304 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002042 | Diesel Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.0007258 | 0.0016524 | 0.0001868 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002045 | Diesel Eng; Construction & Mining Equip; Cranes | 0.0184469 | 0.0842663 | 0.0053245 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002048 | Diesel Eng; Construction & Mining Equip; Graders | 0.0222145 | 0.0824802 | 0.0054821 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002051 | Diesel Eng; Construction & Mining Equip; Off-highway Trucks | 0.0835901 | 0.288685 | 0.0157408 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24025 | BNAA | 2270002054 | Diesel Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0044421 | 0.014677 | 0.0010677 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002057 | Diesel Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0587135 | 0.1042855 | 0.010452 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002060 | Diesel Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.1403908 | 0.3798763 | 0.0259293 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002066 | Diesel Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.2116052 | 0.2394243 | 0.0510968 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002069 | Diesel Eng; Construction & Mining Equip; Crawler Tractor/Dozers | 0.1180796 | 0.3345431 | 0.0215379 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002072 | Diesel Eng; Construction & Mining Equip; Skid Steer Loaders | 0.1869664 | 0.1572117 | 0.0468258 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002075 | Diesel Eng; Construction & Mining Equip; Off-highway Tractors | 0.0168992 | 0.039333 | 0.0026034 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002078 | Diesel Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0005661 | 0.0005039 | 0.0001514 |
| 2008 Uncontrolled | 24025 | BNAA | 2270002081 | Diesel Eng; Construction & Mining Equip; Other Construction Equip | 0.0174514 | 0.0380448 | 0.0026903 |
| 2008 Uncontrolled | 24025 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.003286 | 0.003094 | 0.0008772 |
| 2008 Uncontrolled | 24025 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.0203278 | 0.0365422 | 0.0033963 |
| 2008 Uncontrolled | 24025 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.0047732 | 0.0178699 | 0.0014063 |
| 2008 Uncontrolled | 24025 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.0051462 | 0.0193807 | 0.0015269 |
| 2008 Uncontrolled | 24025 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.0005588 | 0.0008891 | 0.0001579 |
| 2008 Uncontrolled | 24025 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.042504 | 0.0947919 | 0.0098119 |
| 2008 Uncontrolled | 24025 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.0073572 | 0.0245661 | 0.001764 |
| 2008 Uncontrolled | 24025 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 3.983E-06 | 6.62E-06 | 1.194E-06 |
| 2008 Uncontrolled | 24025 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.0212941 | 0.039115 | 0.0058673 |
| 2008 Uncontrolled | 24025 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.004486 | 0.0079049 | 0.0012202 |
| 2008 Uncontrolled | 24025 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0239488 | 0.0624589 | 0.0060019 |
| 2008 Uncontrolled | 24025 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0021702 | 0.0060347 | 0.0005602 |
| 2008 Uncontrolled | 24025 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 8.547E-05 | 0.0001625 | 2.241E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2270005010 | Diesel Eng; Agricultural Equip; 2-Wheel Tractors | 6.868E-06 | 5.742E-06 | 1.013E-06 |
| 2008 Uncontrolled | 24025 | BNAA | 2270005015 | Diesel Eng; Agricultural Equip; Agricultural Tractors | 0.1427808 | 0.2854254 | 0.027842 |
| 2008 Uncontrolled | 24025 | BNAA | 2270005020 | Diesel Eng; Agricultural Equip; Combines | 0.0105423 | 0.0295081 | 0.0024707 |
| 2008 Uncontrolled | 24025 | BNAA | 2270005025 | Diesel Eng; Agricultural Equip; Balers | 9.102E-05 | 0.0001356 | 2.254E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2270005030 | Diesel Eng; Agricultural Equip; Agricultural Mowers | 2.169E-05 | 2.77E-05 | 3.98E-06 |
| 2008 Uncontrolled | 24025 | BNAA | 2270005035 | Diesel Eng; Agricultural Equip; Sprayers | 0.0011071 | 0.0022293 | 0.0003055 |
| 2008 Uncontrolled | 24025 | BNAA | 2270005040 | Diesel Eng; Agricultural Equip; Tillers > 6HP | 3.171E-06 | 5.52E-06 | 5.059E-07 |
| 2008 Uncontrolled | 24025 | BNAA | 2270005045 | Diesel Eng; Agricultural Equip; Swathers | 0.0011774 | 0.0020742 | 0.0002391 |
| 2008 Uncontrolled | 24025 | BNAA | 2270005055 | Diesel Eng; Agricultural Equip; Other Agricultural Equip | 0.002912 | 0.0059744 | 0.0006175 |
| 2008 Uncontrolled | 24025 | BNAA | 2270005060 | Diesel Eng; Agricultural Equip; Irrigation Sets | 0.0013756 | 0.0039612 | 0.0003943 |
| 2008 Uncontrolled | 24025 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.0248265 | 0.0526257 | 0.0067582 |
| 2008 Uncontrolled | 24025 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.0058459 | 0.0125774 | 0.0015222 |
| 2008 Uncontrolled | 24025 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.0127171 | 0.0314468 | 0.0031955 |
| 2008 Uncontrolled | 24025 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.019985 | 0.0153592 | 0.0050662 |
| 2008 Uncontrolled | 24025 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.0007389 | 0.0017607 | 0.0002164 |
| 2008 Uncontrolled | 24025 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.00056 | 0.0013415 | 0.0001415 |
| 2008 Uncontrolled | 24025 | BNAA | 2270007015 | Diesel Eng; Logging Equip; Feller-Bunch-Skidder | 0.0028974 | 0.0106109 | 0.0006901 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24025 | BNAA | 2270010010 | Diesel Eng; Industrial Equip; Other Oil Field Equipment | 0.0003307 | 0.0012994 | 8.174E-05 |
| 2008 Uncontrolled | 24025 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 4.6638913 | 0.0980642 | 2.5765824 |
| 2008 Uncontrolled | 24025 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 1.7896147 | 0.0284413 | 0.8369086 |
| 2008 Uncontrolled | 24025 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Sternrive | 2.952542 | 0.1677394 | 0.2328221 |
| 2008 Uncontrolled | 24025 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Sternrive | 0.0303675 | 0.192679 | 0.0071316 |
| 2008 Uncontrolled | 24025 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 0.0003532 | 0.0005663 | 0.0001128 |
| 2008 Uncontrolled | 24025 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.0031866 | 0.004455 | 0.0007769 |
| 2008 Uncontrolled | 24025 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.0097584 | 7.397E-05 | 0.0002575 |
| 2008 Uncontrolled | 24025 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 4.715E-05 | 1.176E-05 | 3.187E-06 |
| 2008 Uncontrolled | 24027 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.1006945 | 0.0004007 | 0.1223944 |
| 2008 Uncontrolled | 24027 | BNAA | 2260001030 | 2-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.1381034 | 0.0005551 | 0.1694297 |
| 2008 Uncontrolled | 24027 | BNAA | 2260001060 | 2-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.086834 | 0.0006865 | 0.0031115 |
| 2008 Uncontrolled | 24027 | BNAA | 2260002006 | 2-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0488461 | 0.0003388 | 0.0206559 |
| 2008 Uncontrolled | 24027 | BNAA | 2260002009 | 2-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.0022206 | 5.909E-06 | 0.0011132 |
| 2008 Uncontrolled | 24027 | BNAA | 2260002021 | 2-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.0026754 | 7.076E-06 | 0.001333 |
| 2008 Uncontrolled | 24027 | BNAA | 2260002027 | 2-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 2.088E-05 | 5.349E-08 | 1.067E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2260002039 | 2-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.1290689 | 0.0008117 | 0.0548012 |
| 2008 Uncontrolled | 24027 | BNAA | 2260002054 | 2-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0005437 | 1.393E-06 | 0.0002688 |
| 2008 Uncontrolled | 24027 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0005979 | 1.531E-06 | 0.0003025 |
| 2008 Uncontrolled | 24027 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 4.709E-05 | 1.206E-07 | 2.35E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.0132336 | 3.6E-05 | 0.0075112 |
| 2008 Uncontrolled | 24027 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.1744001 | 0.0004811 | 0.0890879 |
| 2008 Uncontrolled | 24027 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.1135977 | 0.0003099 | 0.0705837 |
| 2008 Uncontrolled | 24027 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 1.7941549 | 0.010884 | 0.848636 |
| 2008 Uncontrolled | 24027 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.2560197 | 0.0007265 | 0.150739 |
| 2008 Uncontrolled | 24027 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 1.8070867 | 0.0059226 | 0.9251195 |
| 2008 Uncontrolled | 24027 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.1629145 | 0.0004495 | 0.0956751 |
| 2008 Uncontrolled | 24027 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.8846958 | 0.0087831 | 0.8685655 |
| 2008 Uncontrolled | 24027 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0127513 |
| 2008 Uncontrolled | 24027 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0053446 |
| 2008 Uncontrolled | 24027 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0007356 | 1.987E-06 | 0.0003561 |
| 2008 Uncontrolled | 24027 | BNAA | 2260005035 | 2-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0005604 | 1.612E-06 | 0.0002873 |
| 2008 Uncontrolled | 24027 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.0282813 | 7.597E-05 | 0.0143551 |
| 2008 Uncontrolled | 24027 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.2048941 | 0.0005411 | 0.1042528 |
| 2008 Uncontrolled | 24027 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 7.685E-05 | 1.969E-07 | 3.806E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.0012093 | 3.098E-06 | 0.0005978 |
| 2008 Uncontrolled | 24027 | BNAA | 2260007005 | 2-Stroke Gas Eng; Logging Equip; Chain Saws > 6 HP | 0.0070807 | 4.696E-05 | 0.0031082 |
| 2008 Uncontrolled | 24027 | BNAA | 2265001010 | 4-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.045686 | 0.0004761 | 0.004584 |
| 2008 Uncontrolled | 24027 | BNAA | 2265001030 | 4-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.4454772 | 0.0046554 | 0.0509948 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24027 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 1.7143261 | 0.0102658 | 0.0337479 |
| 2008 Uncontrolled | 24027 | BNAA | 2265001060 | 4-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.073667 | 0.0006313 | 0.0033522 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002003 | 4-Stroke Gas Eng; Construction & Mining Equip; Pavers | 0.0453649 | 0.0004958 | 0.0010343 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002006 | 4-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0003626 | 2.465E-06 | 8.27E-06 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002009 | 4-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.0836039 | 0.0005786 | 0.0041169 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002015 | 4-Stroke Gas Eng; Construction & Mining Equip; Rollers | 0.0845249 | 0.0008727 | 0.0017042 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002021 | 4-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.1647858 | 0.0011876 | 0.0056664 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002024 | 4-Stroke Gas Eng; Construction & Mining Equip; Surfacing Equip | 0.0740781 | 0.0005108 | 0.0020999 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002027 | 4-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0037864 | 2.442E-05 | 0.0001474 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002030 | 4-Stroke Gas Eng; Construction & Mining Equip; Trenchers | 0.1385551 | 0.0015175 | 0.004153 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002033 | 4-Stroke Gas Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0403876 | 0.0004906 | 0.0025842 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002039 | 4-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.3385256 | 0.0026402 | 0.0062201 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002042 | 4-Stroke Gas Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.1407164 | 0.0010219 | 0.0060551 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002045 | 4-Stroke Gas Eng; Construction & Mining Equip; Cranes | 0.0056908 | 0.0002574 | 0.0002187 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002054 | 4-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0201239 | 0.000165 | 0.0005487 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002057 | 4-Stroke Gas Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0074051 | 0.0004465 | 0.0003267 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002060 | 4-Stroke Gas Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0177387 | 0.0011084 | 0.0007876 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002066 | 4-Stroke Gas Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.1078661 | 0.0007915 | 0.0020339 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002072 | 4-Stroke Gas Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0482391 | 0.0011379 | 0.0014199 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002078 | 4-Stroke Gas Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0219017 | 0.0001673 | 0.0008751 |
| 2008 Uncontrolled | 24027 | BNAA | 2265002081 | 4-Stroke Gas Eng; Construction & Mining Equip; Other Construction Equip | 0.0062349 | 0.0003875 | 0.0002864 |
| 2008 Uncontrolled | 24027 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.0606641 | 0.0019159 | 0.0020777 |
| 2008 Uncontrolled | 24027 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.1341977 | 0.0082287 | 0.005846 |
| 2008 Uncontrolled | 24027 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0579045 | 0.0014485 | 0.001804 |
| 2008 Uncontrolled | 24027 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.1471942 | 0.0012771 | 0.0063455 |
| 2008 Uncontrolled | 24027 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.0046515 | 0.0001259 | 0.000148 |
| 2008 Uncontrolled | 24027 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.0054098 | 3.521E-05 | 0.0001225 |
| 2008 Uncontrolled | 24027 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.0140701 | 0.0008603 | 0.0006098 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 3.0826992 | 0.023241 | 0.3367434 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 7.0874083 | 0.0495836 | 0.5432411 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.2592152 | 0.0019671 | 0.0293129 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 3.4484452 | 0.0254686 | 0.2616312 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.0174086 | 0.0001292 | 0.0020592 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.1784167 | 0.0012175 | 0.0101115 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.0332783 | 0.0002478 | 0.0036396 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 7.2222687 | 0.0797557 | 0.1871568 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0254329 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0118929 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 0.7492517 | 0.0051338 | 0.0328973 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24027 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 0.9379491 | 0.0060675 | 0.0181741 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.9850004 | 0.007234 | 0.0303209 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.3947271 | 0.0029344 | 0.031369 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 9.9995182 | 0.0701777 | 0.3731368 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 12.68233 | 0.0839424 | 0.2387791 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 1.6481351 | 0.0301481 | 0.0380843 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 38.467611 | 0.317021 | 0.9086378 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.3131553 | 0.0023457 | 0.0174702 |
| 2008 Uncontrolled | 24027 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 1.0585558 | 0.0080318 | 0.0595385 |
| 2008 Uncontrolled | 24027 | BNAA | 2265005010 | 4-Stroke Gas Eng; Agricultural Equip; 2-Wheel Tractors | 0.0023133 | 1.495E-05 | 4.369E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2265005015 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Tractors | 0.0045882 | 0.0001834 | 0.0001511 |
| 2008 Uncontrolled | 24027 | BNAA | 2265005020 | 4-Stroke Gas Eng; Agricultural Equip; Combines | 1.917E-05 | 1.227E-06 | 9.883E-07 |
| 2008 Uncontrolled | 24027 | BNAA | 2265005025 | 4-Stroke Gas Eng; Agricultural Equip; Balers | 0.0020692 | 0.0001325 | 0.00012 |
| 2008 Uncontrolled | 24027 | BNAA | 2265005030 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Mowers | 0.0017875 | 1.258E-05 | 4.165E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2265005035 | 4-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0148915 | 0.0002177 | 0.0006726 |
| 2008 Uncontrolled | 24027 | BNAA | 2265005040 | 4-Stroke Gas Eng; Agricultural Equip; Tillers > 6 HP | 0.03654 | 0.0002285 | 0.0013976 |
| 2008 Uncontrolled | 24027 | BNAA | 2265005045 | 4-Stroke Gas Eng; Agricultural Equip; Swathers | 0.0032836 | 0.0002102 | 0.0001738 |
| 2008 Uncontrolled | 24027 | BNAA | 2265005055 | 4-Stroke Gas Eng; Agricultural Equip; Other Agricultural Equip | 0.0068318 | 0.0002501 | 0.00026 |
| 2008 Uncontrolled | 24027 | BNAA | 2265005060 | 4-Stroke Gas Eng; Agricultural Equip; Irrigation Sets | 0.0063878 | 0.0003659 | 0.0002844 |
| 2008 Uncontrolled | 24027 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 9.0686995 | 0.0638238 | 0.3247994 |
| 2008 Uncontrolled | 24027 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 2.0927624 | 0.0198271 | 0.0947484 |
| 2008 Uncontrolled | 24027 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 1.0335369 | 0.0140606 | 0.037663 |
| 2008 Uncontrolled | 24027 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 2.6093691 | 0.0248364 | 0.0620997 |
| 2008 Uncontrolled | 24027 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 3.9998097 | 0.0275068 | 0.1684713 |
| 2008 Uncontrolled | 24027 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.2013483 | 0.001409 | 0.0056644 |
| 2008 Uncontrolled | 24027 | BNAA | 2265007010 | 2-Stroke Gas Eng; Logging Equip; Shredders > 6 HP | 0.0158689 | 0.0001189 | 0.0005652 |
| 2008 Uncontrolled | 24027 | BNAA | 2265007015 | 2-Stroke Gas Eng; Logging Equip; Feller-Bunch-Skidder | 0.0001933 | 1.251E-06 | 9.205E-06 |
| 2008 Uncontrolled | 24027 | BNAA | 2265010010 | 4-Stroke Gas Eng; Industrial Equip; Other Oil Field Equipment | 0.0163366 | 9.783E-05 | 0.0002649 |
| 2008 Uncontrolled | 24027 | BNAA | 2267001060 | LPG Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0007991 | 0.0002002 | 5.415E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2267002003 | LPG Eng; Construction & Mining Equip; Pavers | 0.0012881 | 0.0003192 | 8.704E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2267002015 | LPG Eng; Construction & Mining Equip; Rollers | 0.0022265 | 0.0005466 | 0.0001501 |
| 2008 Uncontrolled | 24027 | BNAA | 2267002021 | LPG Eng; Construction & Mining Equip; Paving Equip | 0.0003373 | 8.446E-05 | 2.285E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2267002024 | LPG Eng; Construction & Mining Equip; Surfacing Equip | 0.0002256 | 5.575E-05 | 1.524E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2267002030 | LPG Eng; Construction & Mining Equip; Trenchers | 0.0039586 | 0.0009812 | 0.0002675 |
| 2008 Uncontrolled | 24027 | BNAA | 2267002033 | LPG Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0012819 | 0.0003236 | 8.703E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2267002039 | LPG Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0038489 | 0.0009333 | 0.0002587 |
| 2008 Uncontrolled | 24027 | BNAA | 2267002045 | LPG Eng; Construction & Mining Equip; Cranes | 0.0013805 | 0.0003455 | 9.352E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2267002054 | LPG Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0002235 | 5.591E-05 | 1.514E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2267002057 | LPG Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0025112 | 0.0006246 | 0.0001698 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|---|-----------|-----------|-----------|
| 2008 Uncontrolled | 24027 | BNAA | 2267002060 | LPG Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0063111 | 0.0015582 | 0.0004261 |
| 2008 Uncontrolled | 24027 | BNAA | 2267002066 | LPG Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.0006663 | 0.0001637 | 4.493E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2267002072 | LPG Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0051335 | 0.0012816 | 0.0003475 |
| 2008 Uncontrolled | 24027 | BNAA | 2267002081 | LPG Eng; Construction & Mining Equip; Other Construction Equip | 0.002069 | 0.0005189 | 0.0001402 |
| 2008 Uncontrolled | 24027 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.018735 | 0.0047036 | 0.0012701 |
| 2008 Uncontrolled | 24027 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 1.7897612 | 0.4430579 | 0.1209099 |
| 2008 Uncontrolled | 24027 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.013789 | 0.0033728 | 0.0009288 |
| 2008 Uncontrolled | 24027 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.0042244 | 0.0010422 | 0.0002851 |
| 2008 Uncontrolled | 24027 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.001012 | 0.0002538 | 6.859E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.0084522 | 0.0020614 | 0.0005689 |
| 2008 Uncontrolled | 24027 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.1049104 | 0.0258777 | 0.0070811 |
| 2008 Uncontrolled | 24027 | BNAA | 2267005055 | LPG Eng; Agri Equip; Other Equip | 1.187E-05 | 2.957E-06 | 8.034E-07 |
| 2008 Uncontrolled | 24027 | BNAA | 2267005060 | LPG Eng; Agricultural Equip; Irrigation Sets | 1.86E-05 | 4.563E-06 | 1.254E-06 |
| 2008 Uncontrolled | 24027 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.1064 | 0.0396826 | 0.0080946 |
| 2008 Uncontrolled | 24027 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.0251618 | 0.0092348 | 0.0019064 |
| 2008 Uncontrolled | 24027 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.0306927 | 0.011446 | 0.0023192 |
| 2008 Uncontrolled | 24027 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.0553979 | 0.0138973 | 0.0037549 |
| 2008 Uncontrolled | 24027 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.000707 | 0.0001795 | 4.807E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.0004843 | 0.0001751 | 3.655E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2268002081 | CNG Eng; Construction & Mining Equip; Other Construction Equip | 8.133E-05 | 2.04E-05 | 3.249E-07 |
| 2008 Uncontrolled | 24027 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.1267425 | 0.0313389 | 0.0005045 |
| 2008 Uncontrolled | 24027 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0001442 | 3.561E-05 | 5.737E-07 |
| 2008 Uncontrolled | 24027 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 7.852E-05 | 1.94E-05 | 3.125E-07 |
| 2008 Uncontrolled | 24027 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.0004228 | 0.000104 | 1.681E-06 |
| 2008 Uncontrolled | 24027 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.0005932 | 0.0001446 | 2.353E-06 |
| 2008 Uncontrolled | 24027 | BNAA | 2268005055 | CNG Eng; Agri Equip; Other Equip | 1.005E-05 | 2.265E-06 | 3.914E-08 |
| 2008 Uncontrolled | 24027 | BNAA | 2268005060 | CNG Eng; Agricultural Equip; Irrigation Sets | 0.0001561 | 3.491E-05 | 6.065E-07 |
| 2008 Uncontrolled | 24027 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.0313189 | 0.0115632 | 0.0001401 |
| 2008 Uncontrolled | 24027 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.0016135 | 0.0005903 | 7.2E-06 |
| 2008 Uncontrolled | 24027 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.002316 | 0.0008374 | 1.03E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.1341973 | 0.0299933 | 0.0005214 |
| 2008 Uncontrolled | 24027 | BNAA | 2268010010 | CNG Eng; Industrial Equip; Other Oil Field Equipment | 0.00183 | 0.0004304 | 7.196E-06 |
| 2008 Uncontrolled | 24027 | BNAA | 2270001060 | Diesel Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0021528 | 0.0020947 | 0.0005724 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002003 | Diesel Eng; Construction & Mining Equip; Pavers | 0.0089098 | 0.0232354 | 0.0018407 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002006 | Diesel Eng; Construction & Mining Equip; Tampers/Rammers | 3.141E-05 | 4.67E-05 | 7.512E-06 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002009 | Diesel Eng; Construction & Mining Equip; Plate Compactors | 0.0004703 | 0.0007214 | 0.0001173 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002015 | Diesel Eng; Construction & Mining Equip; Rollers | 0.0266368 | 0.0572334 | 0.0050011 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002018 | Diesel Eng; Construction & Mining Equip; Scrapers | 0.0239398 | 0.0621995 | 0.0033202 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002021 | Diesel Eng; Construction & Mining Equip; Paving Equip | 0.0016941 | 0.0035785 | 0.0003287 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|---|-----------|-----------|-----------|
| 2008 Uncontrolled | 24027 | BNAA | 2270002024 | Diesel Eng; Construction & Mining Equip; Surfacing Equip | 0.0013393 | 0.002369 | 0.0002125 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002027 | Diesel Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0035004 | 0.0064355 | 0.0009585 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002030 | Diesel Eng; Construction & Mining Equip; Trenchers | 0.0169879 | 0.0269471 | 0.0029007 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002033 | Diesel Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0104884 | 0.0313577 | 0.0025952 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002036 | Diesel Eng; Construction & Mining Equip; Excavators | 0.0727599 | 0.2339665 | 0.015967 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002039 | Diesel Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0012981 | 0.001802 | 0.0002182 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002042 | Diesel Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.000521 | 0.001186 | 0.0001341 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002045 | Diesel Eng; Construction & Mining Equip; Cranes | 0.0132409 | 0.0604851 | 0.0038219 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002048 | Diesel Eng; Construction & Mining Equip; Graders | 0.0159452 | 0.059203 | 0.003935 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002051 | Diesel Eng; Construction & Mining Equip; Off-highway Trucks | 0.0599997 | 0.2072137 | 0.0112985 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002054 | Diesel Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0031884 | 0.0105349 | 0.0007664 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002057 | Diesel Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0421436 | 0.0748545 | 0.0075023 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002060 | Diesel Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.1007703 | 0.2726694 | 0.0186117 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002066 | Diesel Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.151887 | 0.1718551 | 0.0366765 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002069 | Diesel Eng; Construction & Mining Equip; Crawler Tractor/Dozers | 0.0847557 | 0.2401299 | 0.0154596 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002072 | Diesel Eng; Construction & Mining Equip; Skid Steer Loaders | 0.1342016 | 0.1128442 | 0.0336108 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002075 | Diesel Eng; Construction & Mining Equip; Off-highway Tractors | 0.01213 | 0.0282326 | 0.0018687 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002078 | Diesel Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0004063 | 0.0003617 | 0.0001087 |
| 2008 Uncontrolled | 24027 | BNAA | 2270002081 | Diesel Eng; Construction & Mining Equip; Other Construction Equip | 0.0125263 | 0.027308 | 0.0019311 |
| 2008 Uncontrolled | 24027 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.0044629 | 0.0042021 | 0.0011914 |
| 2008 Uncontrolled | 24027 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.0276083 | 0.0496299 | 0.0046126 |
| 2008 Uncontrolled | 24027 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.0064827 | 0.02427 | 0.0019099 |
| 2008 Uncontrolled | 24027 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.0069893 | 0.0263219 | 0.0020738 |
| 2008 Uncontrolled | 24027 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.000759 | 0.0012075 | 0.0002144 |
| 2008 Uncontrolled | 24027 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.0485872 | 0.1083586 | 0.0112161 |
| 2008 Uncontrolled | 24027 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.0099922 | 0.0333645 | 0.0023958 |
| 2008 Uncontrolled | 24027 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.172E-05 | 1.948E-05 | 3.514E-06 |
| 2008 Uncontrolled | 24027 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.0626598 | 0.1150998 | 0.0172652 |
| 2008 Uncontrolled | 24027 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.0132006 | 0.023261 | 0.0035906 |
| 2008 Uncontrolled | 24027 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0704717 | 0.1837914 | 0.017661 |
| 2008 Uncontrolled | 24027 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0063859 | 0.0177577 | 0.0016483 |
| 2008 Uncontrolled | 24027 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.0002515 | 0.0004783 | 6.594E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2270005010 | Diesel Eng; Agricultural Equip; 2-Wheel Tractors | 3.116E-06 | 2.605E-06 | 4.594E-07 |
| 2008 Uncontrolled | 24027 | BNAA | 2270005015 | Diesel Eng; Agricultural Equip; Agricultural Tractors | 0.0647707 | 0.1294797 | 0.0126302 |
| 2008 Uncontrolled | 24027 | BNAA | 2270005020 | Diesel Eng; Agricultural Equip; Combines | 0.0047824 | 0.013386 | 0.0011208 |
| 2008 Uncontrolled | 24027 | BNAA | 2270005025 | Diesel Eng; Agricultural Equip; Balers | 4.129E-05 | 6.15E-05 | 1.022E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2270005030 | Diesel Eng; Agricultural Equip; Agricultural Mowers | 9.839E-06 | 1.257E-05 | 1.806E-06 |
| 2008 Uncontrolled | 24027 | BNAA | 2270005035 | Diesel Eng; Agricultural Equip; Sprayers | 0.0005022 | 0.0010113 | 0.0001386 |
| 2008 Uncontrolled | 24027 | BNAA | 2270005040 | Diesel Eng; Agricultural Equip; Tillers > 6HP | 1.438E-06 | 2.504E-06 | 2.295E-07 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24027 | BNAA | 2270005045 | Diesel Eng; Agricultural Equip; Swathers | 0.0005341 | 0.000941 | 0.0001085 |
| 2008 Uncontrolled | 24027 | BNAA | 2270005055 | Diesel Eng; Agricultural Equip; Other Agricultural Equip | 0.001321 | 0.0027102 | 0.0002801 |
| 2008 Uncontrolled | 24027 | BNAA | 2270005060 | Diesel Eng; Agricultural Equip; Irrigation Sets | 0.000624 | 0.001797 | 0.0001789 |
| 2008 Uncontrolled | 24027 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.0659833 | 0.1398675 | 0.0179619 |
| 2008 Uncontrolled | 24027 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.0155371 | 0.0334279 | 0.0040457 |
| 2008 Uncontrolled | 24027 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.0337992 | 0.0835785 | 0.0084929 |
| 2008 Uncontrolled | 24027 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.0531156 | 0.0408213 | 0.0134649 |
| 2008 Uncontrolled | 24027 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.0019637 | 0.0046796 | 0.0005752 |
| 2008 Uncontrolled | 24027 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.0014885 | 0.0035654 | 0.0003761 |
| 2008 Uncontrolled | 24027 | BNAA | 2270007015 | Diesel Eng; Logging Equip; Feller-Bunch-Skidder | 0.0013068 | 0.004786 | 0.0003113 |
| 2008 Uncontrolled | 24027 | BNAA | 2270010010 | Diesel Eng; Industrial Equip; Other Oil Field Equipment | 0.0002645 | 0.0010395 | 6.539E-05 |
| 2008 Uncontrolled | 24027 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 0.2521022 | 0.0053008 | 0.1392747 |
| 2008 Uncontrolled | 24027 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 0.0967359 | 0.0015374 | 0.0452383 |
| 2008 Uncontrolled | 24027 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Sternrive | 0.0707196 | 0.0040177 | 0.0055766 |
| 2008 Uncontrolled | 24027 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Sternrive | 0.0007274 | 0.0046151 | 0.0001708 |
| 2008 Uncontrolled | 24027 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 1.909E-05 | 3.061E-05 | 6.095E-06 |
| 2008 Uncontrolled | 24027 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.0040015 | 0.0055943 | 0.0009756 |
| 2008 Uncontrolled | 24027 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.0122541 | 9.288E-05 | 0.0003233 |
| 2008 Uncontrolled | 24027 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 5.921E-05 | 1.477E-05 | 4.003E-06 |
| 2008 Uncontrolled | 24510 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.001484 | 3.801E-06 | 0.0007507 |
| 2008 Uncontrolled | 24510 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.0001169 | 2.994E-07 | 5.833E-05 |
| 2008 Uncontrolled | 24510 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.040572 | 0.0001104 | 0.023028 |
| 2008 Uncontrolled | 24510 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.0324091 | 8.941E-05 | 0.0165554 |
| 2008 Uncontrolled | 24510 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.3482708 | 0.0009502 | 0.2163974 |
| 2008 Uncontrolled | 24510 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 0.3334107 | 0.0020226 | 0.1577034 |
| 2008 Uncontrolled | 24510 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.7849114 | 0.0022274 | 0.4621393 |
| 2008 Uncontrolled | 24510 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.3358138 | 0.0011006 | 0.1719165 |
| 2008 Uncontrolled | 24510 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.4994672 | 0.0013781 | 0.2933231 |
| 2008 Uncontrolled | 24510 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 0.3502361 | 0.0016322 | 0.1614069 |
| 2008 Uncontrolled | 24510 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0390934 |
| 2008 Uncontrolled | 24510 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0009932 |
| 2008 Uncontrolled | 24510 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0001367 | 3.692E-07 | 6.618E-05 |
| 2008 Uncontrolled | 24510 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.0300785 | 8.08E-05 | 0.0152673 |
| 2008 Uncontrolled | 24510 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.2179141 | 0.0005755 | 0.1108776 |
| 2008 Uncontrolled | 24510 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 8.174E-05 | 2.094E-07 | 4.048E-05 |
| 2008 Uncontrolled | 24510 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.0012861 | 3.295E-06 | 0.0006357 |
| 2008 Uncontrolled | 24510 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 1.2245187 | 0.0073327 | 0.0241056 |
| 2008 Uncontrolled | 24510 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.1505745 | 0.0047554 | 0.0051571 |
| 2008 Uncontrolled | 24510 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.3330922 | 0.0204245 | 0.0145105 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24510 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.1437249 | 0.0035952 | 0.0044777 |
| 2008 Uncontrolled | 24510 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.3653509 | 0.0031699 | 0.0157502 |
| 2008 Uncontrolled | 24510 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.0115455 | 0.0003125 | 0.0003673 |
| 2008 Uncontrolled | 24510 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.0132411 | 8.619E-05 | 0.0002998 |
| 2008 Uncontrolled | 24510 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.0349234 | 0.0021354 | 0.0015136 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 9.4510157 | 0.0712529 | 1.0323962 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 1.3170646 | 0.0092142 | 0.1009514 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.7947083 | 0.0060307 | 0.0898683 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.6408302 | 0.0047329 | 0.0486193 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.0533718 | 0.0003961 | 0.006313 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.0331555 | 0.0002263 | 0.001879 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.1020256 | 0.0007598 | 0.0111584 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.3421259 | 0.0148211 | 0.0347797 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0779729 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0022101 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 2.2970745 | 0.0157395 | 0.1008574 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 0.1743006 | 0.0011275 | 0.0033773 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.1830442 | 0.0013443 | 0.0056346 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.0733528 | 0.0005453 | 0.0058293 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 30.656773 | 0.2151525 | 1.143972 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 2.356778 | 0.0155991 | 0.0443727 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.3062756 | 0.0056025 | 0.0070773 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 7.1484985 | 0.0589125 | 0.1688536 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.9600792 | 0.0071915 | 0.0535607 |
| 2008 Uncontrolled | 24510 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.1967131 | 0.0014926 | 0.0110641 |
| 2008 Uncontrolled | 24510 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 9.6449709 | 0.0678795 | 0.3454388 |
| 2008 Uncontrolled | 24510 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 2.2257472 | 0.021087 | 0.1007692 |
| 2008 Uncontrolled | 24510 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 1.0992131 | 0.0149541 | 0.0400563 |
| 2008 Uncontrolled | 24510 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 2.7751819 | 0.0264146 | 0.0660458 |
| 2008 Uncontrolled | 24510 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 4.2539781 | 0.0292547 | 0.1791768 |
| 2008 Uncontrolled | 24510 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.214143 | 0.0014985 | 0.0060243 |
| 2008 Uncontrolled | 24510 | BNAA | 2265010010 | 4-Stroke Gas Eng; Industrial Equip; Other Oil Field Equipment | 0.0449256 | 0.000269 | 0.0007285 |
| 2008 Uncontrolled | 24510 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.0465022 | 0.0116749 | 0.0031526 |
| 2008 Uncontrolled | 24510 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 4.4423674 | 1.0997143 | 0.3001105 |
| 2008 Uncontrolled | 24510 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0342257 | 0.0083717 | 0.0023053 |
| 2008 Uncontrolled | 24510 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.0104854 | 0.0025868 | 0.0007078 |
| 2008 Uncontrolled | 24510 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.0025118 | 0.0006299 | 0.0001702 |
| 2008 Uncontrolled | 24510 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.0209793 | 0.0051167 | 0.0014121 |
| 2008 Uncontrolled | 24510 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0194957 | 0.0048089 | 0.0013159 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------|------------|--|-----------|-----------|-----------|
| 2008 Uncontrolled | 24510 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.1131612 | 0.0422042 | 0.008609 |
| 2008 Uncontrolled | 24510 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.0267607 | 0.0098216 | 0.0020276 |
| 2008 Uncontrolled | 24510 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.0326431 | 0.0118528 | 0.0024666 |
| 2008 Uncontrolled | 24510 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.0589182 | 0.0147804 | 0.0039935 |
| 2008 Uncontrolled | 24510 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.0007519 | 0.0001909 | 5.112E-05 |
| 2008 Uncontrolled | 24510 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.0005151 | 0.0001862 | 3.888E-05 |
| 2008 Uncontrolled | 24510 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.3145876 | 0.0777862 | 0.0012523 |
| 2008 Uncontrolled | 24510 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0003578 | 8.84E-05 | 1.424E-06 |
| 2008 Uncontrolled | 24510 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 0.0001949 | 4.816E-05 | 7.757E-07 |
| 2008 Uncontrolled | 24510 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.0010348 | 0.0002546 | 4.114E-06 |
| 2008 Uncontrolled | 24510 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.0014723 | 0.0003589 | 5.84E-06 |
| 2008 Uncontrolled | 24510 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.033309 | 0.0122979 | 0.000149 |
| 2008 Uncontrolled | 24510 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.001716 | 0.0006278 | 7.657E-06 |
| 2008 Uncontrolled | 24510 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.0024631 | 0.0008906 | 1.096E-05 |
| 2008 Uncontrolled | 24510 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.1427248 | 0.0318992 | 0.0005546 |
| 2008 Uncontrolled | 24510 | BNAA | 2268010010 | CNG Eng; Industrial Equip; Other Oil Field Equipment | 0.0050325 | 0.0011836 | 1.979E-05 |
| 2008 Uncontrolled | 24510 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.0110775 | 0.0104299 | 0.0029572 |
| 2008 Uncontrolled | 24510 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.0685265 | 0.1231864 | 0.011449 |
| 2008 Uncontrolled | 24510 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.0160908 | 0.0602406 | 0.0047407 |
| 2008 Uncontrolled | 24510 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.0173482 | 0.0653336 | 0.0051474 |
| 2008 Uncontrolled | 24510 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.0018838 | 0.0029972 | 0.0005323 |
| 2008 Uncontrolled | 24510 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.1189235 | 0.2652216 | 0.0274529 |
| 2008 Uncontrolled | 24510 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.0248016 | 0.0828141 | 0.0059466 |
| 2008 Uncontrolled | 24510 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 2.178E-06 | 3.62E-06 | 6.531E-07 |
| 2008 Uncontrolled | 24510 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.0116442 | 0.0213892 | 0.0032084 |
| 2008 Uncontrolled | 24510 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.0024531 | 0.0043226 | 0.0006673 |
| 2008 Uncontrolled | 24510 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0130959 | 0.0341542 | 0.003282 |
| 2008 Uncontrolled | 24510 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0011867 | 0.0032999 | 0.0003063 |
| 2008 Uncontrolled | 24510 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 4.674E-05 | 8.888E-05 | 1.225E-05 |
| 2008 Uncontrolled | 24510 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.0701762 | 0.1487554 | 0.0191033 |
| 2008 Uncontrolled | 24510 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.0165245 | 0.0355521 | 0.0043028 |
| 2008 Uncontrolled | 24510 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.035947 | 0.0888896 | 0.0090326 |
| 2008 Uncontrolled | 24510 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.0564909 | 0.0434153 | 0.0143205 |
| 2008 Uncontrolled | 24510 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.0020885 | 0.004977 | 0.0006118 |
| 2008 Uncontrolled | 24510 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.0015831 | 0.003792 | 0.0004 |
| 2008 Uncontrolled | 24510 | BNAA | 2270010010 | Diesel Eng; Industrial Equip; Other Oil Field Equipment | 0.0007275 | 0.0028586 | 0.0001798 |
| 2008 Uncontrolled | 24510 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 1.9537922 | 0.041081 | 1.0793791 |
| 2008 Uncontrolled | 24510 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 0.7497034 | 0.0119146 | 0.3505968 |
| 2008 Uncontrolled | 24510 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.813275 | 0.0462037 | 0.0641306 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC |
|-------------------|-------------------------|------------|------------|---|-----------|-----------|-----------|
| 2008 Uncontrolled | 24510 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.0083647 | 0.0530733 | 0.0019644 |
| 2008 Uncontrolled | 24510 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 0.0001479 | 0.0002372 | 4.724E-05 |
| 2008 Uncontrolled | 24510 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.0031015 | 0.004336 | 0.0007562 |
| 2008 Uncontrolled | 24510 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.0094979 | 7.199E-05 | 0.0002506 |
| 2008 Uncontrolled | 24510 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 4.589E-05 | 1.145E-05 | 3.102E-06 |
| 2008 Uncontrolled | | BNAA Total | | | 772.13744 | 39.213622 | 69.786184 |

Nonroad Model Emissions

| Year | State County FIPs | NAA | SCC | Emission Process Description | CO | NOX | VOC | |
|------|-------------------------|-------|------|------------------------------|--|-----------|-----------|-----------|
| 2008 | Controlled | 24003 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.5747618 | 0.0027851 | 0.6535289 |
| 2008 | Controlled | 24003 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.5747618 | 0.0027851 | 0.6535289 |
| 2008 | Controlled | 24003 | BNAA | 2260001030 | 2-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.8000157 | 0.0038248 | 0.8352794 |
| 2008 | Controlled | 24003 | BNAA | 2260001060 | 2-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.531437 | 0.003525 | 0.0170837 |
| 2008 | Controlled | 24003 | BNAA | 2260002006 | 2-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0910492 | 0.0004216 | 0.0222697 |
| 2008 | Controlled | 24003 | BNAA | 2260002009 | 2-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.0033264 | 2.55E-05 | 0.0007241 |
| 2008 | Controlled | 24003 | BNAA | 2260002021 | 2-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.0040137 | 3.054E-05 | 0.0008561 |
| 2008 | Controlled | 24003 | BNAA | 2260002027 | 2-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 3.148E-05 | 2.308E-07 | 7.33E-06 |
| 2008 | Controlled | 24003 | BNAA | 2260002039 | 2-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.2311083 | 0.0010035 | 0.0485385 |
| 2008 | Controlled | 24003 | BNAA | 2260002054 | 2-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0008196 | 6.011E-06 | 0.0001708 |
| 2008 | Controlled | 24003 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.000716 | 5.251E-06 | 0.0001589 |
| 2008 | Controlled | 24003 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 5.639E-05 | 4.136E-07 | 1.203E-05 |
| 2008 | Controlled | 24003 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.0193819 | 0.000121 | 0.0078734 |
| 2008 | Controlled | 24003 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.1481555 | 0.0010564 | 0.0415898 |
| 2008 | Controlled | 24003 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.1589609 | 0.0011179 | 0.0655228 |
| 2008 | Controlled | 24003 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 1.7396431 | 0.0078174 | 0.4331978 |
| 2008 | Controlled | 24003 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.3321575 | 0.0025127 | 0.1324125 |
| 2008 | Controlled | 24003 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 1.5287978 | 0.011048 | 0.3695039 |
| 2008 | Controlled | 24003 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.2232619 | 0.0016029 | 0.0878718 |
| 2008 | Controlled | 24003 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.7173105 | 0.0105346 | 0.3845879 |
| 2008 | Controlled | 24003 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0253925 |
| 2008 | Controlled | 24003 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0065737 |
| 2008 | Controlled | 24003 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0006022 | 4.671E-06 | 0.000117 |
| 2008 | Controlled | 24003 | BNAA | 2260005035 | 2-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0002994 | 2.621E-06 | 7.588E-05 |
| 2008 | Controlled | 24003 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.0205164 | 0.0001598 | 0.0046045 |
| 2008 | Controlled | 24003 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.1351152 | 0.0010879 | 0.0323844 |
| 2008 | Controlled | 24003 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 5.674E-05 | 4.161E-07 | 1.178E-05 |
| 2008 | Controlled | 24003 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.0008928 | 6.548E-06 | 0.0001843 |
| 2008 | Controlled | 24003 | BNAA | 2260007005 | 2-Stroke Gas Eng; Logging Equip; Chain Saws > 6 HP | 0.0200111 | 8.232E-05 | 0.0045496 |
| 2008 | Controlled | 24003 | BNAA | 2265001010 | 4-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.2517287 | 0.0027435 | 0.0256795 |
| 2008 | Controlled | 24003 | BNAA | 2265001030 | 4-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 2.5969493 | 0.025305 | 0.2819043 |
| 2008 | Controlled | 24003 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 2.2905612 | 0.0107242 | 0.0358181 |
| 2008 | Controlled | 24003 | BNAA | 2265001060 | 4-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.4404391 | 0.0034506 | 0.0197155 |
| 2008 | Controlled | 24003 | BNAA | 2265002003 | 4-Stroke Gas Eng; Construction & Mining Equip; Pavers | 0.1020074 | 0.0007859 | 0.001741 |
| 2008 | Controlled | 24003 | BNAA | 2265002006 | 4-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0008357 | 4.659E-06 | 1.642E-05 |
| 2008 | Controlled | 24003 | BNAA | 2265002009 | 4-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.1888385 | 0.0010338 | 0.0073314 |
| 2008 | Controlled | 24003 | BNAA | 2265002015 | 4-Stroke Gas Eng; Construction & Mining Equip; Rollers | 0.1894936 | 0.0012732 | 0.0028934 |
| 2008 | Controlled | 24003 | BNAA | 2265002021 | 4-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.3758024 | 0.0021795 | 0.0104277 |

Nonroad Model Emissions

| | | | | | | | |
|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24003 | BNAA | 2265002024 | 4-Stroke Gas Eng; Construction & Mining Equip; Surfacing Equip | 0.1700661 | 0.0008647 | 0.0032281 |
| 2008 Controlled | 24003 | BNAA | 2265002027 | 4-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0086286 | 3.979E-05 | 0.0002071 |
| 2008 Controlled | 24003 | BNAA | 2265002030 | 4-Stroke Gas Eng; Construction & Mining Equip; Trenchers | 0.3093495 | 0.0023576 | 0.0061094 |
| 2008 Controlled | 24003 | BNAA | 2265002033 | 4-Stroke Gas Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0892432 | 0.0008925 | 0.0047247 |
| 2008 Controlled | 24003 | BNAA | 2265002039 | 4-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.7747852 | 0.0041024 | 0.0107454 |
| 2008 Controlled | 24003 | BNAA | 2265002042 | 4-Stroke Gas Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.3185459 | 0.0020468 | 0.012666 |
| 2008 Controlled | 24003 | BNAA | 2265002045 | 4-Stroke Gas Eng; Construction & Mining Equip; Cranes | 0.0110379 | 0.0004341 | 0.0003828 |
| 2008 Controlled | 24003 | BNAA | 2265002054 | 4-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0460766 | 0.000285 | 0.0008721 |
| 2008 Controlled | 24003 | BNAA | 2265002057 | 4-Stroke Gas Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0119353 | 0.0006622 | 0.0004966 |
| 2008 Controlled | 24003 | BNAA | 2265002060 | 4-Stroke Gas Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0242827 | 0.0013975 | 0.0010106 |
| 2008 Controlled | 24003 | BNAA | 2265002066 | 4-Stroke Gas Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.2490955 | 0.0013613 | 0.0036901 |
| 2008 Controlled | 24003 | BNAA | 2265002072 | 4-Stroke Gas Eng; Construction & Mining Equip; Skid Steer Loaders | 0.1022499 | 0.0018737 | 0.0025621 |
| 2008 Controlled | 24003 | BNAA | 2265002078 | 4-Stroke Gas Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0496123 | 0.0003365 | 0.0018642 |
| 2008 Controlled | 24003 | BNAA | 2265002081 | 4-Stroke Gas Eng; Construction & Mining Equip; Other Construction Equip | 0.0112992 | 0.0006683 | 0.0005045 |
| 2008 Controlled | 24003 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.1047939 | 0.0029906 | 0.0032964 |
| 2008 Controlled | 24003 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.1682996 | 0.0096789 | 0.0069581 |
| 2008 Controlled | 24003 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0877671 | 0.001325 | 0.0018789 |
| 2008 Controlled | 24003 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.2602743 | 0.0014588 | 0.0060147 |
| 2008 Controlled | 24003 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.0081142 | 0.0001933 | 0.0002307 |
| 2008 Controlled | 24003 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.0107921 | 5.554E-05 | 0.0002032 |
| 2008 Controlled | 24003 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.0092775 | 0.0005047 | 0.0003418 |
| 2008 Controlled | 24003 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 6.1114032 | 0.0409519 | 0.633227 |
| 2008 Controlled | 24003 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 8.5942363 | 0.04478 | 0.4982164 |
| 2008 Controlled | 24003 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.5135467 | 0.0034576 | 0.0548009 |
| 2008 Controlled | 24003 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 4.2181901 | 0.0268974 | 0.2886209 |
| 2008 Controlled | 24003 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.0344408 | 0.0002198 | 0.0037792 |
| 2008 Controlled | 24003 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.2215247 | 0.0011749 | 0.0099095 |
| 2008 Controlled | 24003 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.0658016 | 0.0004208 | 0.0066414 |
| 2008 Controlled | 24003 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 8.925486 | 0.0718267 | 0.1848542 |
| 2008 Controlled | 24003 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0506461 |
| 2008 Controlled | 24003 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0146281 |
| 2008 Controlled | 24003 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 1.5155107 | 0.0089073 | 0.0624753 |
| 2008 Controlled | 24003 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 1.1841739 | 0.006192 | 0.0189474 |
| 2008 Controlled | 24003 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 1.2235604 | 0.0079854 | 0.0354369 |
| 2008 Controlled | 24003 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.4831944 | 0.0031482 | 0.0353069 |
| 2008 Controlled | 24003 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 20.289877 | 0.1202404 | 0.6973983 |
| 2008 Controlled | 24003 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 16.094745 | 0.0842322 | 0.2424164 |
| 2008 Controlled | 24003 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 1.8882173 | 0.0216145 | 0.0319531 |
| 2008 Controlled | 24003 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 46.774181 | 0.2640464 | 0.8952901 |
| 2008 Controlled | 24003 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.6240996 | 0.0042179 | 0.0327291 |
| 2008 Controlled | 24003 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 1.3026707 | 0.0089069 | 0.0689176 |

Nonroad Model Emissions

| | | | | | | | |
|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24003 | BNAA | 2265005010 | 4-Stroke Gas Eng; Agricultural Equip; 2-Wheel Tractors | 0.0021825 | 1.11E-05 | 3.294E-05 |
| 2008 Controlled | 24003 | BNAA | 2265005015 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Tractors | 0.0032628 | 9.611E-05 | 8.497E-05 |
| 2008 Controlled | 24003 | BNAA | 2265005020 | 4-Stroke Gas Eng; Agricultural Equip; Combines | 1.477E-05 | 9.14E-07 | 7.55E-07 |
| 2008 Controlled | 24003 | BNAA | 2265005025 | 4-Stroke Gas Eng; Agricultural Equip; Balers | 0.0015946 | 9.868E-05 | 9.254E-05 |
| 2008 Controlled | 24003 | BNAA | 2265005030 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Mowers | 0.0016607 | 9.938E-06 | 3.435E-05 |
| 2008 Controlled | 24003 | BNAA | 2265005035 | 4-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0133523 | 0.0001683 | 0.0005555 |
| 2008 Controlled | 24003 | BNAA | 2265005040 | 4-Stroke Gas Eng; Agricultural Equip; Tillers > 6 HP | 0.0333581 | 0.0001982 | 0.0012605 |
| 2008 Controlled | 24003 | BNAA | 2265005045 | 4-Stroke Gas Eng; Agricultural Equip; Swathers | 0.0025304 | 0.0001566 | 0.0001331 |
| 2008 Controlled | 24003 | BNAA | 2265005055 | 4-Stroke Gas Eng; Agricultural Equip; Other Agricultural Equip | 0.0057716 | 0.0001877 | 0.000205 |
| 2008 Controlled | 24003 | BNAA | 2265005060 | 4-Stroke Gas Eng; Agricultural Equip; Irrigation Sets | 0.0033165 | 0.0001594 | 0.0001248 |
| 2008 Controlled | 24003 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 10.125477 | 0.0608256 | 0.3240791 |
| 2008 Controlled | 24003 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 2.2984957 | 0.0158074 | 0.0706694 |
| 2008 Controlled | 24003 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 1.1238457 | 0.0101392 | 0.0263922 |
| 2008 Controlled | 24003 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 2.9143439 | 0.0201954 | 0.0549655 |
| 2008 Controlled | 24003 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 4.4604545 | 0.0243633 | 0.1504383 |
| 2008 Controlled | 24003 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.2269474 | 0.0011759 | 0.0045333 |
| 2008 Controlled | 24003 | BNAA | 2265007010 | 2-Stroke Gas Eng; Logging Equip; Shredders > 6 HP | 0.0559621 | 0.0003792 | 0.0019033 |
| 2008 Controlled | 24003 | BNAA | 2265007015 | 2-Stroke Gas Eng; Logging Equip; Feller-Bunch-Skidder | 0.0006753 | 2.89E-06 | 1.689E-05 |
| 2008 Controlled | 24003 | BNAA | 2265008005 | 4-Stroke Gas Eng; Airport Ground Support Equip; Airport Ground Support Equip | 0.2118464 | 0.0048398 | 0.0058094 |
| 2008 Controlled | 24003 | BNAA | 2267001060 | LPG Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0043933 | 0.0009919 | 0.000272 |
| 2008 Controlled | 24003 | BNAA | 2267002003 | LPG Eng; Construction & Mining Equip; Pavers | 0.0022563 | 0.0004092 | 0.0001148 |
| 2008 Controlled | 24003 | BNAA | 2267002015 | LPG Eng; Construction & Mining Equip; Rollers | 0.0034524 | 0.0005307 | 0.0001506 |
| 2008 Controlled | 24003 | BNAA | 2267002021 | LPG Eng; Construction & Mining Equip; Paving Equip | 0.0006553 | 0.0001376 | 3.801E-05 |
| 2008 Controlled | 24003 | BNAA | 2267002024 | LPG Eng; Construction & Mining Equip; Surfacing Equip | 0.0003868 | 6.768E-05 | 1.907E-05 |
| 2008 Controlled | 24003 | BNAA | 2267002030 | LPG Eng; Construction & Mining Equip; Trenchers | 0.0070314 | 0.0012991 | 0.0003644 |
| 2008 Controlled | 24003 | BNAA | 2267002033 | LPG Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0026053 | 0.0005842 | 0.0001594 |
| 2008 Controlled | 24003 | BNAA | 2267002039 | LPG Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0052075 | 0.0006718 | 0.0001917 |
| 2008 Controlled | 24003 | BNAA | 2267002045 | LPG Eng; Construction & Mining Equip; Cranes | 0.0026798 | 0.0005613 | 0.0001552 |
| 2008 Controlled | 24003 | BNAA | 2267002054 | LPG Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0004311 | 8.95E-05 | 2.478E-05 |
| 2008 Controlled | 24003 | BNAA | 2267002057 | LPG Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0046189 | 0.0008958 | 0.0002503 |
| 2008 Controlled | 24003 | BNAA | 2267002060 | LPG Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.010885 | 0.0019047 | 0.0005391 |
| 2008 Controlled | 24003 | BNAA | 2267002066 | LPG Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.0010806 | 0.0001737 | 4.943E-05 |
| 2008 Controlled | 24003 | BNAA | 2267002072 | LPG Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0097203 | 0.0019715 | 0.0005469 |
| 2008 Controlled | 24003 | BNAA | 2267002081 | LPG Eng; Construction & Mining Equip; Other Construction Equip | 0.0040623 | 0.0008658 | 0.0002387 |
| 2008 Controlled | 24003 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.0286585 | 0.005991 | 0.0016514 |
| 2008 Controlled | 24003 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 2.4420584 | 0.4277501 | 0.1208315 |
| 2008 Controlled | 24003 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0163453 | 0.0023276 | 0.000662 |
| 2008 Controlled | 24003 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.0054114 | 0.000876 | 0.000248 |
| 2008 Controlled | 24003 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.00154 | 0.0003187 | 8.809E-05 |
| 2008 Controlled | 24003 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.0091421 | 0.0010439 | 0.000299 |
| 2008 Controlled | 24003 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0952114 | 0.015884 | 0.0045003 |

Nonroad Model Emissions

| | | | | | | | |
|-----------------|-------|------|------------|---|-----------|-----------|-----------|
| 2008 Controlled | 24003 | BNAA | 2267005055 | LPG Eng; Agri Equip; Other Equip | 1.004E-05 | 2.282E-06 | 6.279E-07 |
| 2008 Controlled | 24003 | BNAA | 2267005060 | LPG Eng; Agricultural Equip; Irrigation Sets | 1.258E-05 | 2.05E-06 | 5.85E-07 |
| 2008 Controlled | 24003 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.1027487 | 0.0318169 | 0.0065275 |
| 2008 Controlled | 24003 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.0229566 | 0.0063918 | 0.0013251 |
| 2008 Controlled | 24003 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.0269336 | 0.006913 | 0.0014437 |
| 2008 Controlled | 24003 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.0483449 | 0.0091167 | 0.0025358 |
| 2008 Controlled | 24003 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.0006557 | 0.000136 | 3.72E-05 |
| 2008 Controlled | 24003 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.0004013 | 9.289E-05 | 1.921E-05 |
| 2008 Controlled | 24003 | BNAA | 2267008005 | LPG Eng; Airport Ground Support Equip; Airport Ground Support Equip | 0.0405109 | 0.0067752 | 0.0019135 |
| 2008 Controlled | 24003 | BNAA | 2268002081 | CNG Eng; Construction & Mining Equip; Other Construction Equip | 0.0001597 | 3.405E-05 | 5.534E-07 |
| 2008 Controlled | 24003 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.1739453 | 0.0306198 | 0.0005104 |
| 2008 Controlled | 24003 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0001971 | 3.45E-05 | 5.757E-07 |
| 2008 Controlled | 24003 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 0.0001054 | 1.794E-05 | 2.996E-07 |
| 2008 Controlled | 24003 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.0005815 | 9.183E-05 | 1.534E-06 |
| 2008 Controlled | 24003 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.0006446 | 7.421E-05 | 1.256E-06 |
| 2008 Controlled | 24003 | BNAA | 2268005055 | CNG Eng; Agri Equip; Other Equip | 9.175E-06 | 2.067E-06 | 3.572E-08 |
| 2008 Controlled | 24003 | BNAA | 2268005060 | CNG Eng; Agricultural Equip; Irrigation Sets | 0.0001413 | 3.146E-05 | 5.468E-07 |
| 2008 Controlled | 24003 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.0310394 | 0.0098731 | 0.0001205 |
| 2008 Controlled | 24003 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.001539 | 0.0004573 | 5.619E-06 |
| 2008 Controlled | 24003 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.0020904 | 0.0005572 | 6.911E-06 |
| 2008 Controlled | 24003 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.0142685 | 0.0027393 | 2.756E-05 |
| 2008 Controlled | 24003 | BNAA | 2270001060 | Diesel Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0127052 | 0.0119638 | 0.0033422 |
| 2008 Controlled | 24003 | BNAA | 2270002003 | Diesel Eng; Construction & Mining Equip; Pavers | 0.019727 | 0.0438147 | 0.0036682 |
| 2008 Controlled | 24003 | BNAA | 2270002006 | Diesel Eng; Construction & Mining Equip; Tampers/Rammers | 7.033E-05 | 9.877E-05 | 1.55E-05 |
| 2008 Controlled | 24003 | BNAA | 2270002009 | Diesel Eng; Construction & Mining Equip; Plate Compactors | 0.001048 | 0.0015423 | 0.0002451 |
| 2008 Controlled | 24003 | BNAA | 2270002015 | Diesel Eng; Construction & Mining Equip; Rollers | 0.0585163 | 0.1121594 | 0.0099655 |
| 2008 Controlled | 24003 | BNAA | 2270002018 | Diesel Eng; Construction & Mining Equip; Scrapers | 0.0533857 | 0.123931 | 0.0071947 |
| 2008 Controlled | 24003 | BNAA | 2270002021 | Diesel Eng; Construction & Mining Equip; Paving Equip | 0.0037411 | 0.0070831 | 0.0006715 |
| 2008 Controlled | 24003 | BNAA | 2270002024 | Diesel Eng; Construction & Mining Equip; Surfacing Equip | 0.0029552 | 0.0050565 | 0.0004533 |
| 2008 Controlled | 24003 | BNAA | 2270002027 | Diesel Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0076626 | 0.01406 | 0.0020381 |
| 2008 Controlled | 24003 | BNAA | 2270002030 | Diesel Eng; Construction & Mining Equip; Trenchers | 0.0370385 | 0.0560765 | 0.0058661 |
| 2008 Controlled | 24003 | BNAA | 2270002033 | Diesel Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0235056 | 0.06637 | 0.0056739 |
| 2008 Controlled | 24003 | BNAA | 2270002036 | Diesel Eng; Construction & Mining Equip; Excavators | 0.1614609 | 0.4179558 | 0.0314577 |
| 2008 Controlled | 24003 | BNAA | 2270002039 | Diesel Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0027946 | 0.003821 | 0.0004334 |
| 2008 Controlled | 24003 | BNAA | 2270002042 | Diesel Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.0011683 | 0.0025472 | 0.0002903 |
| 2008 Controlled | 24003 | BNAA | 2270002045 | Diesel Eng; Construction & Mining Equip; Cranes | 0.0295872 | 0.1174716 | 0.00807 |
| 2008 Controlled | 24003 | BNAA | 2270002048 | Diesel Eng; Construction & Mining Equip; Graders | 0.0358342 | 0.1050335 | 0.0078709 |
| 2008 Controlled | 24003 | BNAA | 2270002051 | Diesel Eng; Construction & Mining Equip; Off-highway Trucks | 0.1341447 | 0.4084997 | 0.0229526 |
| 2008 Controlled | 24003 | BNAA | 2270002054 | Diesel Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0071212 | 0.0213602 | 0.0016107 |
| 2008 Controlled | 24003 | BNAA | 2270002057 | Diesel Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0941145 | 0.150767 | 0.0151642 |
| 2008 Controlled | 24003 | BNAA | 2270002060 | Diesel Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.2249459 | 0.5422065 | 0.0393205 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24003 | BNAA | 2270002066 | Diesel Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.3404071 | 0.3603948 | 0.0776814 |
| 2008 Controlled | 24003 | BNAA | 2270002069 | Diesel Eng; Construction & Mining Equip; Crawler Tractor/Dozers | 0.1898428 | 0.4644602 | 0.032083 |
| 2008 Controlled | 24003 | BNAA | 2270002072 | Diesel Eng; Construction & Mining Equip; Skid Steer Loaders | 0.2961682 | 0.2446126 | 0.07161 |
| 2008 Controlled | 24003 | BNAA | 2270002075 | Diesel Eng; Construction & Mining Equip; Off-highway Tractors | 0.0272603 | 0.0593109 | 0.0040705 |
| 2008 Controlled | 24003 | BNAA | 2270002078 | Diesel Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0008943 | 0.0007865 | 0.0002337 |
| 2008 Controlled | 24003 | BNAA | 2270002081 | Diesel Eng; Construction & Mining Equip; Other Construction Equip | 0.0279718 | 0.0570001 | 0.004253 |
| 2008 Controlled | 24003 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.0078112 | 0.0072748 | 0.0020261 |
| 2008 Controlled | 24003 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.0482039 | 0.0696356 | 0.006114 |
| 2008 Controlled | 24003 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.0114207 | 0.0358673 | 0.0029352 |
| 2008 Controlled | 24003 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.012469 | 0.0407248 | 0.0033863 |
| 2008 Controlled | 24003 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.0013478 | 0.0020243 | 0.0003696 |
| 2008 Controlled | 24003 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.0915521 | 0.1880495 | 0.0175254 |
| 2008 Controlled | 24003 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.0178299 | 0.0440006 | 0.0035772 |
| 2008 Controlled | 24003 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.424E-05 | 2.339E-05 | 4.145E-06 |
| 2008 Controlled | 24003 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.0750933 | 0.1377003 | 0.019997 |
| 2008 Controlled | 24003 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.0157923 | 0.0278892 | 0.0041889 |
| 2008 Controlled | 24003 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0864562 | 0.2102288 | 0.0208169 |
| 2008 Controlled | 24003 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.007449 | 0.0195723 | 0.0017062 |
| 2008 Controlled | 24003 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.0003073 | 0.0005625 | 7.686E-05 |
| 2008 Controlled | 24003 | BNAA | 2270005010 | Diesel Eng; Agricultural Equip; 2-Wheel Tractors | 2.703E-06 | 2.141E-06 | 3.573E-07 |
| 2008 Controlled | 24003 | BNAA | 2270005015 | Diesel Eng; Agricultural Equip; Agricultural Tractors | 0.0583959 | 0.1089771 | 0.0110127 |
| 2008 Controlled | 24003 | BNAA | 2270005020 | Diesel Eng; Agricultural Equip; Combines | 0.0043622 | 0.0113512 | 0.0009924 |
| 2008 Controlled | 24003 | BNAA | 2270005025 | Diesel Eng; Agricultural Equip; Balers | 3.743E-05 | 5.325E-05 | 9.008E-06 |
| 2008 Controlled | 24003 | BNAA | 2270005030 | Diesel Eng; Agricultural Equip; Agricultural Mowers | 8.979E-06 | 1.099E-05 | 1.558E-06 |
| 2008 Controlled | 24003 | BNAA | 2270005035 | Diesel Eng; Agricultural Equip; Sprayers | 0.0004572 | 0.000859 | 0.000124 |
| 2008 Controlled | 24003 | BNAA | 2270005040 | Diesel Eng; Agricultural Equip; Tillers > 6HP | 1.302E-06 | 2.183E-06 | 2.085E-07 |
| 2008 Controlled | 24003 | BNAA | 2270005045 | Diesel Eng; Agricultural Equip; Swathers | 0.0004866 | 0.0008218 | 9.408E-05 |
| 2008 Controlled | 24003 | BNAA | 2270005055 | Diesel Eng; Agricultural Equip; Other Agricultural Equip | 0.0012008 | 0.0022958 | 0.0002486 |
| 2008 Controlled | 24003 | BNAA | 2270005060 | Diesel Eng; Agricultural Equip; Irrigation Sets | 0.0005678 | 0.0014774 | 0.0001511 |
| 2008 Controlled | 24003 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.0721343 | 0.1464327 | 0.0189784 |
| 2008 Controlled | 24003 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.0170482 | 0.0347726 | 0.0042496 |
| 2008 Controlled | 24003 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.0370592 | 0.0837394 | 0.0084199 |
| 2008 Controlled | 24003 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.0568564 | 0.0435537 | 0.0140667 |
| 2008 Controlled | 24003 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.0021503 | 0.0048596 | 0.0006152 |
| 2008 Controlled | 24003 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.0016216 | 0.0036011 | 0.0003724 |
| 2008 Controlled | 24003 | BNAA | 2270007015 | Diesel Eng; Logging Equip; Feller-Bunch-Skidder | 0.0045753 | 0.0126519 | 0.0009474 |
| 2008 Controlled | 24003 | BNAA | 2270008005 | Diesel Eng; Airport Ground Support Equip; Airport Ground Support Equip | 0.1668408 | 0.3822551 | 0.0286788 |
| 2008 Controlled | 24003 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 7.5898997 | 0.1861775 | 4.0202574 |
| 2008 Controlled | 24003 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 2.9185299 | 0.0604585 | 1.1649784 |
| 2008 Controlled | 24003 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Sterndrive | 5.5465029 | 0.3326624 | 0.4447582 |
| 2008 Controlled | 24003 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.0587163 | 0.3564971 | 0.0130189 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24003 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 0.0005909 | 0.0009574 | 0.0001872 |
| 2008 Controlled | 24003 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.003136 | 0.0040952 | 0.0007403 |
| 2008 Controlled | 24003 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.0098412 | 5.86E-05 | 0.0002067 |
| 2008 Controlled | 24003 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 3.942E-05 | 8.016E-06 | 2.227E-06 |
| 2008 Controlled | 24005 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.2873809 | 0.0013925 | 0.3267644 |
| 2008 Controlled | 24005 | BNAA | 2260001030 | 2-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.4000078 | 0.0019124 | 0.4176397 |
| 2008 Controlled | 24005 | BNAA | 2260001060 | 2-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.2657185 | 0.0017625 | 0.0085419 |
| 2008 Controlled | 24005 | BNAA | 2260002006 | 2-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.2108986 | 0.0009765 | 0.0515836 |
| 2008 Controlled | 24005 | BNAA | 2260002009 | 2-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.0077049 | 5.907E-05 | 0.0016773 |
| 2008 Controlled | 24005 | BNAA | 2260002021 | 2-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.009297 | 7.073E-05 | 0.001983 |
| 2008 Controlled | 24005 | BNAA | 2260002027 | 2-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 7.291E-05 | 5.347E-07 | 1.698E-05 |
| 2008 Controlled | 24005 | BNAA | 2260002039 | 2-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.5353196 | 0.0023243 | 0.1124305 |
| 2008 Controlled | 24005 | BNAA | 2260002054 | 2-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0018986 | 1.392E-05 | 0.0003957 |
| 2008 Controlled | 24005 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0013104 | 9.61E-06 | 0.0002908 |
| 2008 Controlled | 24005 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.0001032 | 7.569E-07 | 2.202E-05 |
| 2008 Controlled | 24005 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.0321137 | 0.0002005 | 0.0130453 |
| 2008 Controlled | 24005 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.1780835 | 0.0012698 | 0.0499911 |
| 2008 Controlled | 24005 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.263381 | 0.0018523 | 0.1085641 |
| 2008 Controlled | 24005 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 2.091057 | 0.0093966 | 0.5207052 |
| 2008 Controlled | 24005 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.5503491 | 0.0041632 | 0.2193932 |
| 2008 Controlled | 24005 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 1.8376201 | 0.0132798 | 0.4441449 |
| 2008 Controlled | 24005 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.3699208 | 0.0026558 | 0.1455941 |
| 2008 Controlled | 24005 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 2.0642131 | 0.0126626 | 0.4622759 |
| 2008 Controlled | 24005 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0420726 |
| 2008 Controlled | 24005 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0079017 |
| 2008 Controlled | 24005 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0007239 | 5.614E-06 | 0.0001407 |
| 2008 Controlled | 24005 | BNAA | 2260005035 | 2-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0006125 | 5.362E-06 | 0.0001552 |
| 2008 Controlled | 24005 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.0313817 | 0.0002445 | 0.007043 |
| 2008 Controlled | 24005 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.206671 | 0.001664 | 0.0495349 |
| 2008 Controlled | 24005 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 8.679E-05 | 6.365E-07 | 1.803E-05 |
| 2008 Controlled | 24005 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.0013657 | 1.002E-05 | 0.0002818 |
| 2008 Controlled | 24005 | BNAA | 2260007005 | 2-Stroke Gas Eng; Logging Equip; Chain Saws > 6 HP | 0.0111413 | 4.583E-05 | 0.002533 |
| 2008 Controlled | 24005 | BNAA | 2265001010 | 4-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.1258644 | 0.0013718 | 0.0128398 |
| 2008 Controlled | 24005 | BNAA | 2265001030 | 4-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 1.2984747 | 0.0126525 | 0.1409522 |
| 2008 Controlled | 24005 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 4.8356293 | 0.0226399 | 0.075616 |
| 2008 Controlled | 24005 | BNAA | 2265001060 | 4-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.2202195 | 0.0017253 | 0.0098577 |
| 2008 Controlled | 24005 | BNAA | 2265002003 | 4-Stroke Gas Eng; Construction & Mining Equip; Pavers | 0.2362813 | 0.0018205 | 0.0040326 |
| 2008 Controlled | 24005 | BNAA | 2265002006 | 4-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0019358 | 1.079E-05 | 3.803E-05 |
| 2008 Controlled | 24005 | BNAA | 2265002009 | 4-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.4374094 | 0.0023946 | 0.0169818 |
| 2008 Controlled | 24005 | BNAA | 2265002015 | 4-Stroke Gas Eng; Construction & Mining Equip; Rollers | 0.4389269 | 0.0029491 | 0.006702 |
| 2008 Controlled | 24005 | BNAA | 2265002021 | 4-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.8704767 | 0.0050484 | 0.0241538 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24005 | BNAA | 2265002024 | 4-Stroke Gas Eng; Construction & Mining Equip; Surfacing Equip | 0.3939267 | 0.002003 | 0.0074772 |
| 2008 Controlled | 24005 | BNAA | 2265002027 | 4-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0199865 | 9.217E-05 | 0.0004798 |
| 2008 Controlled | 24005 | BNAA | 2265002030 | 4-Stroke Gas Eng; Construction & Mining Equip; Trenchers | 0.7165509 | 0.0054609 | 0.0141512 |
| 2008 Controlled | 24005 | BNAA | 2265002033 | 4-Stroke Gas Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.2067153 | 0.0020673 | 0.0109439 |
| 2008 Controlled | 24005 | BNAA | 2265002039 | 4-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 1.7946465 | 0.0095023 | 0.0248898 |
| 2008 Controlled | 24005 | BNAA | 2265002042 | 4-Stroke Gas Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.7378526 | 0.004741 | 0.0293384 |
| 2008 Controlled | 24005 | BNAA | 2265002045 | 4-Stroke Gas Eng; Construction & Mining Equip; Cranes | 0.0255672 | 0.0010056 | 0.0008866 |
| 2008 Controlled | 24005 | BNAA | 2265002054 | 4-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.1067279 | 0.0006601 | 0.0020201 |
| 2008 Controlled | 24005 | BNAA | 2265002057 | 4-Stroke Gas Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0276458 | 0.0015339 | 0.0011503 |
| 2008 Controlled | 24005 | BNAA | 2265002060 | 4-Stroke Gas Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0562465 | 0.0032371 | 0.0023408 |
| 2008 Controlled | 24005 | BNAA | 2265002066 | 4-Stroke Gas Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.5769837 | 0.0031532 | 0.0085475 |
| 2008 Controlled | 24005 | BNAA | 2265002072 | 4-Stroke Gas Eng; Construction & Mining Equip; Skid Steer Loaders | 0.236843 | 0.0043402 | 0.0059347 |
| 2008 Controlled | 24005 | BNAA | 2265002078 | 4-Stroke Gas Eng; Construction & Mining Equip; Dumpers/Tenders | 0.1149176 | 0.0007794 | 0.0043181 |
| 2008 Controlled | 24005 | BNAA | 2265002081 | 4-Stroke Gas Eng; Construction & Mining Equip; Other Construction Equip | 0.0261725 | 0.0015481 | 0.0011686 |
| 2008 Controlled | 24005 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.1917812 | 0.0054731 | 0.0060327 |
| 2008 Controlled | 24005 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.3080016 | 0.0177131 | 0.0127338 |
| 2008 Controlled | 24005 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.1606208 | 0.0024248 | 0.0034385 |
| 2008 Controlled | 24005 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.4763227 | 0.0026696 | 0.0110074 |
| 2008 Controlled | 24005 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.0148497 | 0.0003538 | 0.0004222 |
| 2008 Controlled | 24005 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.0165214 | 8.503E-05 | 0.0003111 |
| 2008 Controlled | 24005 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.0169785 | 0.0009236 | 0.0006256 |
| 2008 Controlled | 24005 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 10.125934 | 0.0678529 | 1.0491887 |
| 2008 Controlled | 24005 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 10.330301 | 0.0538257 | 0.5988578 |
| 2008 Controlled | 24005 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.8508914 | 0.0057289 | 0.0907991 |
| 2008 Controlled | 24005 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 5.0702787 | 0.0323308 | 0.3469232 |
| 2008 Controlled | 24005 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.0570647 | 0.0003642 | 0.0062617 |
| 2008 Controlled | 24005 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.2662735 | 0.0014122 | 0.0119112 |
| 2008 Controlled | 24005 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.1090261 | 0.0006973 | 0.0110041 |
| 2008 Controlled | 24005 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 10.728465 | 0.0863359 | 0.2221953 |
| 2008 Controlled | 24005 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0839151 |
| 2008 Controlled | 24005 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.017583 |
| 2008 Controlled | 24005 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 2.5110373 | 0.0147584 | 0.1035149 |
| 2008 Controlled | 24005 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 1.423381 | 0.0074428 | 0.0227748 |
| 2008 Controlled | 24005 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 1.4707236 | 0.0095985 | 0.0425953 |
| 2008 Controlled | 24005 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.5808013 | 0.0037842 | 0.042439 |
| 2008 Controlled | 24005 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 33.618131 | 0.1992254 | 1.1555135 |
| 2008 Controlled | 24005 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 19.345939 | 0.1012474 | 0.2913854 |
| 2008 Controlled | 24005 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 2.2696436 | 0.0259807 | 0.0384077 |
| 2008 Controlled | 24005 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 56.222728 | 0.3173847 | 1.0761418 |
| 2008 Controlled | 24005 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 1.0340655 | 0.0069886 | 0.0542286 |
| 2008 Controlled | 24005 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 1.5658147 | 0.0107061 | 0.0828392 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24005 | BNAA | 2265005010 | 4-Stroke Gas Eng; Agricultural Equip; 2-Wheel Tractors | 0.0044648 | 2.27E-05 | 6.738E-05 |
| 2008 Controlled | 24005 | BNAA | 2265005015 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Tractors | 0.006675 | 0.0001966 | 0.0001738 |
| 2008 Controlled | 24005 | BNAA | 2265005020 | 4-Stroke Gas Eng; Agricultural Equip; Combines | 3.021E-05 | 1.87E-06 | 1.545E-06 |
| 2008 Controlled | 24005 | BNAA | 2265005025 | 4-Stroke Gas Eng; Agricultural Equip; Balers | 0.0032621 | 0.0002019 | 0.0001893 |
| 2008 Controlled | 24005 | BNAA | 2265005030 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Mowers | 0.0033974 | 2.033E-05 | 7.028E-05 |
| 2008 Controlled | 24005 | BNAA | 2265005035 | 4-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0273156 | 0.0003442 | 0.0011364 |
| 2008 Controlled | 24005 | BNAA | 2265005040 | 4-Stroke Gas Eng; Agricultural Equip; Tillers > 6 HP | 0.0682427 | 0.0004055 | 0.0025787 |
| 2008 Controlled | 24005 | BNAA | 2265005045 | 4-Stroke Gas Eng; Agricultural Equip; Swathers | 0.0051766 | 0.0003204 | 0.0002722 |
| 2008 Controlled | 24005 | BNAA | 2265005055 | 4-Stroke Gas Eng; Agricultural Equip; Other Agricultural Equip | 0.0118073 | 0.000384 | 0.0004194 |
| 2008 Controlled | 24005 | BNAA | 2265005060 | 4-Stroke Gas Eng; Agricultural Equip; Irrigation Sets | 0.0067848 | 0.000326 | 0.0002554 |
| 2008 Controlled | 24005 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 15.487831 | 0.0930382 | 0.4957083 |
| 2008 Controlled | 24005 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 3.5157568 | 0.0241788 | 0.1080952 |
| 2008 Controlled | 24005 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 1.7190236 | 0.0155089 | 0.0403693 |
| 2008 Controlled | 24005 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 4.4577521 | 0.0308907 | 0.0840747 |
| 2008 Controlled | 24005 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 6.8226681 | 0.0372658 | 0.230109 |
| 2008 Controlled | 24005 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.3471366 | 0.0017987 | 0.0069341 |
| 2008 Controlled | 24005 | BNAA | 2265007010 | 2-Stroke Gas Eng; Logging Equip; Shredders > 6 HP | 0.0311573 | 0.0002111 | 0.0010597 |
| 2008 Controlled | 24005 | BNAA | 2265007015 | 2-Stroke Gas Eng; Logging Equip; Feller-Bunch-Skidder | 0.000376 | 1.609E-06 | 9.404E-06 |
| 2008 Controlled | 24005 | BNAA | 2265008005 | 4-Stroke Gas Eng; Airport Ground Support Equip; Airport Ground Support Equip | 0.0001521 | 3.475E-06 | 4.171E-06 |
| 2008 Controlled | 24005 | BNAA | 2265010010 | 4-Stroke Gas Eng; Industrial Equip; Other Oil Field Equipment | 0.0466872 | 0.0002186 | 0.0005743 |
| 2008 Controlled | 24005 | BNAA | 2267001060 | LPG Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0021966 | 0.000496 | 0.000136 |
| 2008 Controlled | 24005 | BNAA | 2267002003 | LPG Eng; Construction & Mining Equip; Pavers | 0.0052263 | 0.0009478 | 0.000266 |
| 2008 Controlled | 24005 | BNAA | 2267002015 | LPG Eng; Construction & Mining Equip; Rollers | 0.0079969 | 0.0012294 | 0.0003488 |
| 2008 Controlled | 24005 | BNAA | 2267002021 | LPG Eng; Construction & Mining Equip; Paving Equip | 0.0015178 | 0.0003187 | 8.805E-05 |
| 2008 Controlled | 24005 | BNAA | 2267002024 | LPG Eng; Construction & Mining Equip; Surfacing Equip | 0.0008959 | 0.0001568 | 4.418E-05 |
| 2008 Controlled | 24005 | BNAA | 2267002030 | LPG Eng; Construction & Mining Equip; Trenchers | 0.016287 | 0.003009 | 0.000844 |
| 2008 Controlled | 24005 | BNAA | 2267002033 | LPG Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0060347 | 0.0013532 | 0.0003693 |
| 2008 Controlled | 24005 | BNAA | 2267002039 | LPG Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0120622 | 0.001556 | 0.0004441 |
| 2008 Controlled | 24005 | BNAA | 2267002045 | LPG Eng; Construction & Mining Equip; Cranes | 0.0062073 | 0.0013003 | 0.0003596 |
| 2008 Controlled | 24005 | BNAA | 2267002054 | LPG Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0009986 | 0.0002073 | 5.741E-05 |
| 2008 Controlled | 24005 | BNAA | 2267002057 | LPG Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0106989 | 0.002075 | 0.0005799 |
| 2008 Controlled | 24005 | BNAA | 2267002060 | LPG Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.025213 | 0.0044118 | 0.0012486 |
| 2008 Controlled | 24005 | BNAA | 2267002066 | LPG Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.0025031 | 0.0004023 | 0.0001145 |
| 2008 Controlled | 24005 | BNAA | 2267002072 | LPG Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0225152 | 0.0045666 | 0.0012669 |
| 2008 Controlled | 24005 | BNAA | 2267002081 | LPG Eng; Construction & Mining Equip; Other Construction Equip | 0.0094097 | 0.0020054 | 0.0005528 |
| 2008 Controlled | 24005 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.0524474 | 0.010964 | 0.0030223 |
| 2008 Controlled | 24005 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 4.4691605 | 0.7828167 | 0.2211312 |
| 2008 Controlled | 24005 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0299133 | 0.0042597 | 0.0012115 |
| 2008 Controlled | 24005 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.0099032 | 0.0016031 | 0.0004539 |
| 2008 Controlled | 24005 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.0028183 | 0.0005833 | 0.0001612 |
| 2008 Controlled | 24005 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.0167308 | 0.0019104 | 0.0005472 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|---|-----------|-----------|-----------|
| 2008 Controlled | 24005 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.1144444 | 0.0190927 | 0.0054094 |
| 2008 Controlled | 24005 | BNAA | 2267005055 | LPG Eng; Agri Equip; Other Equip | 2.054E-05 | 4.667E-06 | 1.285E-06 |
| 2008 Controlled | 24005 | BNAA | 2267005060 | LPG Eng; Agricultural Equip; Irrigation Sets | 2.574E-05 | 4.194E-06 | 1.197E-06 |
| 2008 Controlled | 24005 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.1571634 | 0.0486668 | 0.0099843 |
| 2008 Controlled | 24005 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.0351142 | 0.0097769 | 0.0020269 |
| 2008 Controlled | 24005 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.0411973 | 0.010574 | 0.0022082 |
| 2008 Controlled | 24005 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.0739479 | 0.0139449 | 0.0038787 |
| 2008 Controlled | 24005 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.001003 | 0.0002081 | 5.69E-05 |
| 2008 Controlled | 24005 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.0006139 | 0.0001421 | 2.938E-05 |
| 2008 Controlled | 24005 | BNAA | 2267008005 | LPG Eng; Airport Ground Support Equip; Airport Ground Support Equip | 2.909E-05 | 4.865E-06 | 1.374E-06 |
| 2008 Controlled | 24005 | BNAA | 2268002081 | CNG Eng; Construction & Mining Equip; Other Construction Equip | 0.0003699 | 7.887E-05 | 1.282E-06 |
| 2008 Controlled | 24005 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.3183338 | 0.0560367 | 0.0009342 |
| 2008 Controlled | 24005 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0003607 | 6.314E-05 | 1.054E-06 |
| 2008 Controlled | 24005 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 0.0001929 | 3.283E-05 | 5.483E-07 |
| 2008 Controlled | 24005 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.0008903 | 0.0001406 | 2.349E-06 |
| 2008 Controlled | 24005 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.0011798 | 0.0001358 | 2.299E-06 |
| 2008 Controlled | 24005 | BNAA | 2268005055 | CNG Eng; Agri Equip; Other Equip | 1.877E-05 | 4.228E-06 | 7.306E-08 |
| 2008 Controlled | 24005 | BNAA | 2268005060 | CNG Eng; Agricultural Equip; Irrigation Sets | 0.0002891 | 6.435E-05 | 1.119E-06 |
| 2008 Controlled | 24005 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.0474775 | 0.0151017 | 0.0001843 |
| 2008 Controlled | 24005 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.002354 | 0.0006995 | 8.595E-06 |
| 2008 Controlled | 24005 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.0031974 | 0.0008523 | 1.057E-05 |
| 2008 Controlled | 24005 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.0218249 | 0.00419 | 4.216E-05 |
| 2008 Controlled | 24005 | BNAA | 2268010010 | CNG Eng; Industrial Equip; Other Oil Field Equipment | 0.0015284 | 0.0001664 | 2.484E-06 |
| 2008 Controlled | 24005 | BNAA | 2270001060 | Diesel Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0063526 | 0.0059819 | 0.0016711 |
| 2008 Controlled | 24005 | BNAA | 2270002003 | Diesel Eng; Construction & Mining Equip; Pavers | 0.045694 | 0.1014887 | 0.0084967 |
| 2008 Controlled | 24005 | BNAA | 2270002006 | Diesel Eng; Construction & Mining Equip; Tampers/Rammers | 0.0001629 | 0.0002288 | 3.591E-05 |
| 2008 Controlled | 24005 | BNAA | 2270002009 | Diesel Eng; Construction & Mining Equip; Plate Compactors | 0.0024276 | 0.0035725 | 0.0005677 |
| 2008 Controlled | 24005 | BNAA | 2270002015 | Diesel Eng; Construction & Mining Equip; Rollers | 0.1355423 | 0.2597965 | 0.0230832 |
| 2008 Controlled | 24005 | BNAA | 2270002018 | Diesel Eng; Construction & Mining Equip; Scrapers | 0.1236582 | 0.2870632 | 0.0166652 |
| 2008 Controlled | 24005 | BNAA | 2270002021 | Diesel Eng; Construction & Mining Equip; Paving Equip | 0.0086655 | 0.0164067 | 0.0015555 |
| 2008 Controlled | 24005 | BNAA | 2270002024 | Diesel Eng; Construction & Mining Equip; Surfacing Equip | 0.0068451 | 0.0117124 | 0.00105 |
| 2008 Controlled | 24005 | BNAA | 2270002027 | Diesel Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.017749 | 0.0325673 | 0.0047208 |
| 2008 Controlled | 24005 | BNAA | 2270002030 | Diesel Eng; Construction & Mining Equip; Trenchers | 0.0857928 | 0.1298909 | 0.0135876 |
| 2008 Controlled | 24005 | BNAA | 2270002033 | Diesel Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0544464 | 0.1537339 | 0.0131425 |
| 2008 Controlled | 24005 | BNAA | 2270002036 | Diesel Eng; Construction & Mining Equip; Excavators | 0.3739943 | 0.9681171 | 0.0728659 |
| 2008 Controlled | 24005 | BNAA | 2270002039 | Diesel Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0064732 | 0.0088506 | 0.0010039 |
| 2008 Controlled | 24005 | BNAA | 2270002042 | Diesel Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.0027062 | 0.0059001 | 0.0006724 |
| 2008 Controlled | 24005 | BNAA | 2270002045 | Diesel Eng; Construction & Mining Equip; Cranes | 0.0685333 | 0.2721013 | 0.0186927 |
| 2008 Controlled | 24005 | BNAA | 2270002048 | Diesel Eng; Construction & Mining Equip; Graders | 0.0830033 | 0.2432907 | 0.0182315 |
| 2008 Controlled | 24005 | BNAA | 2270002051 | Diesel Eng; Construction & Mining Equip; Off-highway Trucks | 0.3107213 | 0.946214 | 0.0531654 |
| 2008 Controlled | 24005 | BNAA | 2270002054 | Diesel Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.016495 | 0.049477 | 0.0037308 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24005 | BNAA | 2270002057 | Diesel Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.2179988 | 0.3492239 | 0.035125 |
| 2008 Controlled | 24005 | BNAA | 2270002060 | Diesel Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.5210456 | 1.2559209 | 0.0910787 |
| 2008 Controlled | 24005 | BNAA | 2270002066 | Diesel Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.78849 | 0.8347879 | 0.1799345 |
| 2008 Controlled | 24005 | BNAA | 2270002069 | Diesel Eng; Construction & Mining Equip; Crawler Tractor/Dozers | 0.4397357 | 1.0758362 | 0.0743144 |
| 2008 Controlled | 24005 | BNAA | 2270002072 | Diesel Eng; Construction & Mining Equip; Skid Steer Loaders | 0.6860189 | 0.5665998 | 0.1658712 |
| 2008 Controlled | 24005 | BNAA | 2270002075 | Diesel Eng; Construction & Mining Equip; Off-highway Tractors | 0.0631435 | 0.1373828 | 0.0094286 |
| 2008 Controlled | 24005 | BNAA | 2270002078 | Diesel Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0020716 | 0.0018219 | 0.0005414 |
| 2008 Controlled | 24005 | BNAA | 2270002081 | Diesel Eng; Construction & Mining Equip; Other Construction Equip | 0.0647916 | 0.1320301 | 0.0098512 |
| 2008 Controlled | 24005 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.0142952 | 0.0133134 | 0.0037078 |
| 2008 Controlled | 24005 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.0882169 | 0.1274387 | 0.011189 |
| 2008 Controlled | 24005 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.0209007 | 0.06564 | 0.0053716 |
| 2008 Controlled | 24005 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.0228193 | 0.0745296 | 0.0061973 |
| 2008 Controlled | 24005 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.0024666 | 0.0037046 | 0.0006763 |
| 2008 Controlled | 24005 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.1401547 | 0.2878801 | 0.0268292 |
| 2008 Controlled | 24005 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.0326302 | 0.0805247 | 0.0065466 |
| 2008 Controlled | 24005 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.711E-05 | 2.812E-05 | 4.983E-06 |
| 2008 Controlled | 24005 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.0902624 | 0.1655163 | 0.0240365 |
| 2008 Controlled | 24005 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.0189824 | 0.033523 | 0.005035 |
| 2008 Controlled | 24005 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.1039207 | 0.2526957 | 0.025022 |
| 2008 Controlled | 24005 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0089538 | 0.023526 | 0.0020508 |
| 2008 Controlled | 24005 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.0003693 | 0.0006761 | 9.239E-05 |
| 2008 Controlled | 24005 | BNAA | 2270005010 | Diesel Eng; Agricultural Equip; 2-Wheel Tractors | 5.53E-06 | 4.38E-06 | 7.308E-07 |
| 2008 Controlled | 24005 | BNAA | 2270005015 | Diesel Eng; Agricultural Equip; Agricultural Tractors | 0.1194638 | 0.2229407 | 0.0225294 |
| 2008 Controlled | 24005 | BNAA | 2270005020 | Diesel Eng; Agricultural Equip; Combines | 0.008924 | 0.0232218 | 0.0020303 |
| 2008 Controlled | 24005 | BNAA | 2270005025 | Diesel Eng; Agricultural Equip; Balers | 7.658E-05 | 0.0001089 | 1.843E-05 |
| 2008 Controlled | 24005 | BNAA | 2270005030 | Diesel Eng; Agricultural Equip; Agricultural Mowers | 1.837E-05 | 2.249E-05 | 3.187E-06 |
| 2008 Controlled | 24005 | BNAA | 2270005035 | Diesel Eng; Agricultural Equip; Sprayers | 0.0009353 | 0.0017573 | 0.0002536 |
| 2008 Controlled | 24005 | BNAA | 2270005040 | Diesel Eng; Agricultural Equip; Tillers > 6HP | 2.663E-06 | 4.466E-06 | 4.265E-07 |
| 2008 Controlled | 24005 | BNAA | 2270005045 | Diesel Eng; Agricultural Equip; Swathers | 0.0009954 | 0.0016812 | 0.0001925 |
| 2008 Controlled | 24005 | BNAA | 2270005055 | Diesel Eng; Agricultural Equip; Other Agricultural Equip | 0.0024565 | 0.0046967 | 0.0005087 |
| 2008 Controlled | 24005 | BNAA | 2270005060 | Diesel Eng; Agricultural Equip; Irrigation Sets | 0.0011615 | 0.0030223 | 0.0003092 |
| 2008 Controlled | 24005 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.1103359 | 0.223982 | 0.0290292 |
| 2008 Controlled | 24005 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.0260768 | 0.0531878 | 0.0065001 |
| 2008 Controlled | 24005 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.0566854 | 0.128087 | 0.012879 |
| 2008 Controlled | 24005 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.0869671 | 0.0666193 | 0.0215162 |
| 2008 Controlled | 24005 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.0032891 | 0.0074332 | 0.000941 |
| 2008 Controlled | 24005 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.0024804 | 0.0055082 | 0.0005696 |
| 2008 Controlled | 24005 | BNAA | 2270007015 | Diesel Eng; Logging Equip; Feller-Bunch-Skidder | 0.0025473 | 0.007044 | 0.0005275 |
| 2008 Controlled | 24005 | BNAA | 2270008005 | Diesel Eng; Airport Ground Support Equip; Airport Ground Support Equip | 0.0001198 | 0.0002745 | 2.059E-05 |
| 2008 Controlled | 24005 | BNAA | 2270010010 | Diesel Eng; Industrial Equip; Other Oil Field Equipment | 0.0007251 | 0.002609 | 0.0001719 |
| 2008 Controlled | 24005 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 5.8430179 | 0.1433272 | 3.0949599 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24005 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 2.2468048 | 0.0465435 | 0.8968485 |
| 2008 Controlled | 24005 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Stern Drive | 3.1767895 | 0.1905342 | 0.2547377 |
| 2008 Controlled | 24005 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Stern Drive | 0.0336301 | 0.2041856 | 0.0074567 |
| 2008 Controlled | 24005 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 0.0004549 | 0.0007371 | 0.0001441 |
| 2008 Controlled | 24005 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.0060555 | 0.0079077 | 0.0014294 |
| 2008 Controlled | 24005 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.0190027 | 0.0001131 | 0.0003992 |
| 2008 Controlled | 24005 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 7.611E-05 | 1.548E-05 | 4.3E-06 |
| 2008 Controlled | 24013 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.2873809 | 0.0013925 | 0.3267644 |
| 2008 Controlled | 24013 | BNAA | 2260001030 | 2-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.4000078 | 0.0019124 | 0.4176397 |
| 2008 Controlled | 24013 | BNAA | 2260001060 | 2-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.2657185 | 0.0017625 | 0.0085419 |
| 2008 Controlled | 24013 | BNAA | 2260002006 | 2-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0267564 | 0.0001239 | 0.0065443 |
| 2008 Controlled | 24013 | BNAA | 2260002009 | 2-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.0009775 | 7.494E-06 | 0.0002128 |
| 2008 Controlled | 24013 | BNAA | 2260002021 | 2-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.0011795 | 8.974E-06 | 0.0002516 |
| 2008 Controlled | 24013 | BNAA | 2260002027 | 2-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 9.25E-06 | 6.784E-08 | 2.154E-06 |
| 2008 Controlled | 24013 | BNAA | 2260002039 | 2-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0679153 | 0.0002949 | 0.0142639 |
| 2008 Controlled | 24013 | BNAA | 2260002054 | 2-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0002409 | 1.766E-06 | 5.02E-05 |
| 2008 Controlled | 24013 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0001826 | 1.339E-06 | 4.053E-05 |
| 2008 Controlled | 24013 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 1.438E-05 | 1.055E-07 | 3.068E-06 |
| 2008 Controlled | 24013 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.0057262 | 3.575E-05 | 0.0023261 |
| 2008 Controlled | 24013 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.0561458 | 0.0004004 | 0.0157611 |
| 2008 Controlled | 24013 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.0469634 | 0.0003303 | 0.0193558 |
| 2008 Controlled | 24013 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 0.6592637 | 0.0029625 | 0.1641668 |
| 2008 Controlled | 24013 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.0981326 | 0.0007423 | 0.03912 |
| 2008 Controlled | 24013 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.5793608 | 0.0041868 | 0.140029 |
| 2008 Controlled | 24013 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.0659605 | 0.0004736 | 0.0259609 |
| 2008 Controlled | 24013 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 0.6508005 | 0.0039922 | 0.1457453 |
| 2008 Controlled | 24013 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.007502 |
| 2008 Controlled | 24013 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0024912 |
| 2008 Controlled | 24013 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0002282 | 1.77E-06 | 4.436E-05 |
| 2008 Controlled | 24013 | BNAA | 2260005035 | 2-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0015877 | 1.39E-05 | 0.0004024 |
| 2008 Controlled | 24013 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.005168 | 4.026E-05 | 0.0011599 |
| 2008 Controlled | 24013 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.0340351 | 0.000274 | 0.0081575 |
| 2008 Controlled | 24013 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 1.429E-05 | 1.048E-07 | 2.969E-06 |
| 2008 Controlled | 24013 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.0002249 | 1.649E-06 | 4.642E-05 |
| 2008 Controlled | 24013 | BNAA | 2260007005 | 2-Stroke Gas Eng; Logging Equip; Chain Saws > 6 HP | 0.0083909 | 3.452E-05 | 0.0019077 |
| 2008 Controlled | 24013 | BNAA | 2265001010 | 4-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.1258644 | 0.0013718 | 0.0128398 |
| 2008 Controlled | 24013 | BNAA | 2265001030 | 4-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 1.2984747 | 0.0126525 | 0.1409522 |
| 2008 Controlled | 24013 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 1.7815477 | 0.008341 | 0.0278585 |
| 2008 Controlled | 24013 | BNAA | 2265001060 | 4-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.2202195 | 0.0017253 | 0.0098577 |
| 2008 Controlled | 24013 | BNAA | 2265002003 | 4-Stroke Gas Eng; Construction & Mining Equip; Pavers | 0.0299767 | 0.000231 | 0.0005116 |
| 2008 Controlled | 24013 | BNAA | 2265002006 | 4-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0002456 | 1.369E-06 | 4.825E-06 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24013 | BNAA | 2265002009 | 4-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.0554936 | 0.0003038 | 0.0021545 |
| 2008 Controlled | 24013 | BNAA | 2265002015 | 4-Stroke Gas Eng; Construction & Mining Equip; Rollers | 0.0556861 | 0.0003741 | 0.0008503 |
| 2008 Controlled | 24013 | BNAA | 2265002021 | 4-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.1104363 | 0.0006405 | 0.0030644 |
| 2008 Controlled | 24013 | BNAA | 2265002024 | 4-Stroke Gas Eng; Construction & Mining Equip; Surfacing Equip | 0.049977 | 0.0002541 | 0.0009486 |
| 2008 Controlled | 24013 | BNAA | 2265002027 | 4-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0025357 | 1.169E-05 | 6.087E-05 |
| 2008 Controlled | 24013 | BNAA | 2265002030 | 4-Stroke Gas Eng; Construction & Mining Equip; Trenchers | 0.0909079 | 0.0006928 | 0.0017954 |
| 2008 Controlled | 24013 | BNAA | 2265002033 | 4-Stroke Gas Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0262257 | 0.0002623 | 0.0013884 |
| 2008 Controlled | 24013 | BNAA | 2265002039 | 4-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.2276845 | 0.0012055 | 0.0031577 |
| 2008 Controlled | 24013 | BNAA | 2265002042 | 4-Stroke Gas Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.0936104 | 0.0006015 | 0.0037221 |
| 2008 Controlled | 24013 | BNAA | 2265002045 | 4-Stroke Gas Eng; Construction & Mining Equip; Cranes | 0.0032437 | 0.0001276 | 0.0001125 |
| 2008 Controlled | 24013 | BNAA | 2265002054 | 4-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0135404 | 8.374E-05 | 0.0002563 |
| 2008 Controlled | 24013 | BNAA | 2265002057 | 4-Stroke Gas Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0035074 | 0.0001946 | 0.0001459 |
| 2008 Controlled | 24013 | BNAA | 2265002060 | 4-Stroke Gas Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0071359 | 0.0004107 | 0.000297 |
| 2008 Controlled | 24013 | BNAA | 2265002066 | 4-Stroke Gas Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.0732012 | 0.0004 | 0.0010844 |
| 2008 Controlled | 24013 | BNAA | 2265002072 | 4-Stroke Gas Eng; Construction & Mining Equip; Skid Steer Loaders | 0.030048 | 0.0005506 | 0.0007529 |
| 2008 Controlled | 24013 | BNAA | 2265002078 | 4-Stroke Gas Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0145795 | 9.888E-05 | 0.0005478 |
| 2008 Controlled | 24013 | BNAA | 2265002081 | 4-Stroke Gas Eng; Construction & Mining Equip; Other Construction Equip | 0.0033205 | 0.0001964 | 0.0001483 |
| 2008 Controlled | 24013 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.0267288 | 0.0007628 | 0.0008408 |
| 2008 Controlled | 24013 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.0429266 | 0.0024687 | 0.0017747 |
| 2008 Controlled | 24013 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0223859 | 0.0003379 | 0.0004792 |
| 2008 Controlled | 24013 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.0663857 | 0.0003721 | 0.0015341 |
| 2008 Controlled | 24013 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.0020696 | 4.931E-05 | 5.884E-05 |
| 2008 Controlled | 24013 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.0034246 | 1.763E-05 | 6.448E-05 |
| 2008 Controlled | 24013 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.0023663 | 0.0001287 | 8.718E-05 |
| 2008 Controlled | 24013 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 1.8055529 | 0.0120988 | 0.1870806 |
| 2008 Controlled | 24013 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 3.2569143 | 0.01697 | 0.1888065 |
| 2008 Controlled | 24013 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.1517223 | 0.0010215 | 0.0161904 |
| 2008 Controlled | 24013 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 1.5985462 | 0.0101932 | 0.1093772 |
| 2008 Controlled | 24013 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.0101752 | 6.494E-05 | 0.0011165 |
| 2008 Controlled | 24013 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.0839501 | 0.0004452 | 0.0037554 |
| 2008 Controlled | 24013 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.0194404 | 0.0001243 | 0.0019621 |
| 2008 Controlled | 24013 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 3.3824462 | 0.0272198 | 0.0700533 |
| 2008 Controlled | 24013 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0149629 |
| 2008 Controlled | 24013 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0055435 |
| 2008 Controlled | 24013 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 0.4477425 | 0.0026316 | 0.0184577 |
| 2008 Controlled | 24013 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 0.4487604 | 0.0023465 | 0.0071804 |
| 2008 Controlled | 24013 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.4636865 | 0.0030262 | 0.0134293 |
| 2008 Controlled | 24013 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.1831137 | 0.0011931 | 0.0133801 |
| 2008 Controlled | 24013 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 5.9944416 | 0.0355238 | 0.2060394 |
| 2008 Controlled | 24013 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 6.0993444 | 0.031921 | 0.0918673 |
| 2008 Controlled | 24013 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.7155681 | 0.0081911 | 0.0121091 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24013 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 17.725776 | 0.1000643 | 0.3392836 |
| 2008 Controlled | 24013 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.184384 | 0.0012461 | 0.0096695 |
| 2008 Controlled | 24013 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.4936665 | 0.0033754 | 0.0261174 |
| 2008 Controlled | 24013 | BNAA | 2265005010 | 4-Stroke Gas Eng; Agricultural Equip; 2-Wheel Tractors | 0.0115741 | 5.884E-05 | 0.0001747 |
| 2008 Controlled | 24013 | BNAA | 2265005015 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Tractors | 0.0173035 | 0.0005097 | 0.0004506 |
| 2008 Controlled | 24013 | BNAA | 2265005020 | 4-Stroke Gas Eng; Agricultural Equip; Combines | 7.832E-05 | 4.847E-06 | 4.004E-06 |
| 2008 Controlled | 24013 | BNAA | 2265005025 | 4-Stroke Gas Eng; Agricultural Equip; Balers | 0.0084563 | 0.0005233 | 0.0004908 |
| 2008 Controlled | 24013 | BNAA | 2265005030 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Mowers | 0.0088071 | 5.27E-05 | 0.0001822 |
| 2008 Controlled | 24013 | BNAA | 2265005035 | 4-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0708098 | 0.0008924 | 0.0029459 |
| 2008 Controlled | 24013 | BNAA | 2265005040 | 4-Stroke Gas Eng; Agricultural Equip; Tillers > 6 HP | 0.1769044 | 0.0010512 | 0.0066846 |
| 2008 Controlled | 24013 | BNAA | 2265005045 | 4-Stroke Gas Eng; Agricultural Equip; Swathers | 0.0134192 | 0.0008305 | 0.0007056 |
| 2008 Controlled | 24013 | BNAA | 2265005055 | 4-Stroke Gas Eng; Agricultural Equip; Other Agricultural Equip | 0.0306079 | 0.0009954 | 0.0010872 |
| 2008 Controlled | 24013 | BNAA | 2265005060 | 4-Stroke Gas Eng; Agricultural Equip; Irrigation Sets | 0.0175881 | 0.0008451 | 0.0006621 |
| 2008 Controlled | 24013 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 2.5505754 | 0.0153218 | 0.0816345 |
| 2008 Controlled | 24013 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 0.5789838 | 0.0039818 | 0.0178014 |
| 2008 Controlled | 24013 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 0.2830932 | 0.002554 | 0.0066481 |
| 2008 Controlled | 24013 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 0.734114 | 0.0050872 | 0.0138456 |
| 2008 Controlled | 24013 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 1.1235743 | 0.006137 | 0.0378949 |
| 2008 Controlled | 24013 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.0571673 | 0.0002962 | 0.0011419 |
| 2008 Controlled | 24013 | BNAA | 2265007010 | 2-Stroke Gas Eng; Logging Equip; Shredders > 6 HP | 0.0234657 | 0.000159 | 0.0007981 |
| 2008 Controlled | 24013 | BNAA | 2265007015 | 2-Stroke Gas Eng; Logging Equip; Feller-Bunch-Skidder | 0.0002832 | 1.212E-06 | 7.083E-06 |
| 2008 Controlled | 24013 | BNAA | 2265008005 | 4-Stroke Gas Eng; Airport Ground Support Equip; Airport Ground Support Equip | 5.74E-05 | 1.311E-06 | 1.574E-06 |
| 2008 Controlled | 24013 | BNAA | 2265010010 | 4-Stroke Gas Eng; Industrial Equip; Other Oil Field Equipment | 0.0466872 | 0.0002186 | 0.0005743 |
| 2008 Controlled | 24013 | BNAA | 2267001060 | LPG Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0021966 | 0.000496 | 0.000136 |
| 2008 Controlled | 24013 | BNAA | 2267002003 | LPG Eng; Construction & Mining Equip; Pavers | 0.0006631 | 0.0001203 | 3.375E-05 |
| 2008 Controlled | 24013 | BNAA | 2267002015 | LPG Eng; Construction & Mining Equip; Rollers | 0.0010146 | 0.000156 | 4.426E-05 |
| 2008 Controlled | 24013 | BNAA | 2267002021 | LPG Eng; Construction & Mining Equip; Paving Equip | 0.0001926 | 4.043E-05 | 1.117E-05 |
| 2008 Controlled | 24013 | BNAA | 2267002024 | LPG Eng; Construction & Mining Equip; Surfacing Equip | 0.0001137 | 1.989E-05 | 5.605E-06 |
| 2008 Controlled | 24013 | BNAA | 2267002030 | LPG Eng; Construction & Mining Equip; Trenchers | 0.0020663 | 0.0003818 | 0.0001071 |
| 2008 Controlled | 24013 | BNAA | 2267002033 | LPG Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0007656 | 0.0001717 | 4.685E-05 |
| 2008 Controlled | 24013 | BNAA | 2267002039 | LPG Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0015303 | 0.0001974 | 5.635E-05 |
| 2008 Controlled | 24013 | BNAA | 2267002045 | LPG Eng; Construction & Mining Equip; Cranes | 0.0007875 | 0.000165 | 4.562E-05 |
| 2008 Controlled | 24013 | BNAA | 2267002054 | LPG Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0001267 | 2.63E-05 | 7.283E-06 |
| 2008 Controlled | 24013 | BNAA | 2267002057 | LPG Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0013574 | 0.0002633 | 7.357E-05 |
| 2008 Controlled | 24013 | BNAA | 2267002060 | LPG Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0031987 | 0.0005597 | 0.0001584 |
| 2008 Controlled | 24013 | BNAA | 2267002066 | LPG Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.0003176 | 5.104E-05 | 1.452E-05 |
| 2008 Controlled | 24013 | BNAA | 2267002072 | LPG Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0028565 | 0.0005794 | 0.0001607 |
| 2008 Controlled | 24013 | BNAA | 2267002081 | LPG Eng; Construction & Mining Equip; Other Construction Equip | 0.0011938 | 0.0002544 | 7.013E-05 |
| 2008 Controlled | 24013 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.0073097 | 0.0015281 | 0.0004212 |
| 2008 Controlled | 24013 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 0.6228728 | 0.1091022 | 0.0308194 |
| 2008 Controlled | 24013 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0041691 | 0.0005937 | 0.0001688 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|---|-----------|-----------|-----------|
| 2008 Controlled | 24013 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.0013802 | 0.0002234 | 6.326E-05 |
| 2008 Controlled | 24013 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.0003928 | 8.129E-05 | 2.247E-05 |
| 2008 Controlled | 24013 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.0023318 | 0.0002663 | 7.627E-05 |
| 2008 Controlled | 24013 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0360818 | 0.0060195 | 0.0017055 |
| 2008 Controlled | 24013 | BNAA | 2267005055 | LPG Eng; Agri Equip; Other Equip | 5.325E-05 | 1.21E-05 | 3.33E-06 |
| 2008 Controlled | 24013 | BNAA | 2267005060 | LPG Eng; Agricultural Equip; Irrigation Sets | 6.674E-05 | 1.087E-05 | 3.103E-06 |
| 2008 Controlled | 24013 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.0258821 | 0.0080146 | 0.0016442 |
| 2008 Controlled | 24013 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.0057827 | 0.0016101 | 0.0003338 |
| 2008 Controlled | 24013 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.0067845 | 0.0017414 | 0.0003637 |
| 2008 Controlled | 24013 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.0121779 | 0.0022965 | 0.0006387 |
| 2008 Controlled | 24013 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.0001652 | 3.426E-05 | 9.37E-06 |
| 2008 Controlled | 24013 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.0001011 | 2.34E-05 | 4.839E-06 |
| 2008 Controlled | 24013 | BNAA | 2267008005 | LPG Eng; Airport Ground Support Equip; Airport Ground Support Equip | 1.098E-05 | 1.836E-06 | 5.185E-07 |
| 2008 Controlled | 24013 | BNAA | 2268002081 | CNG Eng; Construction & Mining Equip; Other Construction Equip | 4.693E-05 | 1.001E-05 | 1.626E-07 |
| 2008 Controlled | 24013 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.0443666 | 0.0078099 | 0.0001302 |
| 2008 Controlled | 24013 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 5.028E-05 | 8.799E-06 | 1.468E-07 |
| 2008 Controlled | 24013 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 2.688E-05 | 4.575E-06 | 7.642E-08 |
| 2008 Controlled | 24013 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.0001845 | 2.914E-05 | 4.869E-07 |
| 2008 Controlled | 24013 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.0001644 | 1.893E-05 | 3.205E-07 |
| 2008 Controlled | 24013 | BNAA | 2268005055 | CNG Eng; Agri Equip; Other Equip | 4.865E-05 | 1.096E-05 | 1.894E-07 |
| 2008 Controlled | 24013 | BNAA | 2268005060 | CNG Eng; Agricultural Equip; Irrigation Sets | 0.0007495 | 0.0001668 | 2.9E-06 |
| 2008 Controlled | 24013 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.0078187 | 0.002487 | 3.034E-05 |
| 2008 Controlled | 24013 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.0003877 | 0.0001152 | 1.415E-06 |
| 2008 Controlled | 24013 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.0005266 | 0.0001404 | 1.741E-06 |
| 2008 Controlled | 24013 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.0035942 | 0.00069 | 6.944E-06 |
| 2008 Controlled | 24013 | BNAA | 2268010010 | CNG Eng; Industrial Equip; Other Oil Field Equipment | 0.0015284 | 0.0001664 | 2.484E-06 |
| 2008 Controlled | 24013 | BNAA | 2270001060 | Diesel Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0063526 | 0.0059819 | 0.0016711 |
| 2008 Controlled | 24013 | BNAA | 2270002003 | Diesel Eng; Construction & Mining Equip; Pavers | 0.0057971 | 0.0128757 | 0.001078 |
| 2008 Controlled | 24013 | BNAA | 2270002006 | Diesel Eng; Construction & Mining Equip; Tampers/Rammers | 2.067E-05 | 2.903E-05 | 4.556E-06 |
| 2008 Controlled | 24013 | BNAA | 2270002009 | Diesel Eng; Construction & Mining Equip; Plate Compactors | 0.000308 | 0.0004532 | 7.202E-05 |
| 2008 Controlled | 24013 | BNAA | 2270002015 | Diesel Eng; Construction & Mining Equip; Rollers | 0.0171961 | 0.0329601 | 0.0029285 |
| 2008 Controlled | 24013 | BNAA | 2270002018 | Diesel Eng; Construction & Mining Equip; Scrapers | 0.0156884 | 0.0364193 | 0.0021143 |
| 2008 Controlled | 24013 | BNAA | 2270002021 | Diesel Eng; Construction & Mining Equip; Paving Equip | 0.0010994 | 0.0020815 | 0.0001973 |
| 2008 Controlled | 24013 | BNAA | 2270002024 | Diesel Eng; Construction & Mining Equip; Surfacing Equip | 0.0008684 | 0.0014859 | 0.0001332 |
| 2008 Controlled | 24013 | BNAA | 2270002027 | Diesel Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0022518 | 0.0041318 | 0.0005989 |
| 2008 Controlled | 24013 | BNAA | 2270002030 | Diesel Eng; Construction & Mining Equip; Trenchers | 0.0108844 | 0.0164791 | 0.0017238 |
| 2008 Controlled | 24013 | BNAA | 2270002033 | Diesel Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0069075 | 0.019504 | 0.0016674 |
| 2008 Controlled | 24013 | BNAA | 2270002036 | Diesel Eng; Construction & Mining Equip; Excavators | 0.0474482 | 0.1228238 | 0.0092444 |
| 2008 Controlled | 24013 | BNAA | 2270002039 | Diesel Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0008212 | 0.0011229 | 0.0001274 |
| 2008 Controlled | 24013 | BNAA | 2270002042 | Diesel Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.0003433 | 0.0007485 | 8.53E-05 |
| 2008 Controlled | 24013 | BNAA | 2270002045 | Diesel Eng; Construction & Mining Equip; Cranes | 0.0086947 | 0.0345211 | 0.0023715 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24013 | BNAA | 2270002048 | Diesel Eng; Construction & Mining Equip; Graders | 0.0105305 | 0.030866 | 0.002313 |
| 2008 Controlled | 24013 | BNAA | 2270002051 | Diesel Eng; Construction & Mining Equip; Off-highway Trucks | 0.0394208 | 0.120045 | 0.006745 |
| 2008 Controlled | 24013 | BNAA | 2270002054 | Diesel Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0020927 | 0.0062771 | 0.0004733 |
| 2008 Controlled | 24013 | BNAA | 2270002057 | Diesel Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0276572 | 0.0443056 | 0.0044563 |
| 2008 Controlled | 24013 | BNAA | 2270002060 | Diesel Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0661044 | 0.1593371 | 0.011555 |
| 2008 Controlled | 24013 | BNAA | 2270002066 | Diesel Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.1000347 | 0.1059085 | 0.0228281 |
| 2008 Controlled | 24013 | BNAA | 2270002069 | Diesel Eng; Construction & Mining Equip; Crawler Tractor/Dozers | 0.0557887 | 0.13649 | 0.0094282 |
| 2008 Controlled | 24013 | BNAA | 2270002072 | Diesel Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0870343 | 0.0718838 | 0.0210439 |
| 2008 Controlled | 24013 | BNAA | 2270002075 | Diesel Eng; Construction & Mining Equip; Off-highway Tractors | 0.0080109 | 0.0174296 | 0.0011962 |
| 2008 Controlled | 24013 | BNAA | 2270002078 | Diesel Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0002628 | 0.0002311 | 6.868E-05 |
| 2008 Controlled | 24013 | BNAA | 2270002081 | Diesel Eng; Construction & Mining Equip; Other Construction Equip | 0.00822 | 0.0167505 | 0.0012498 |
| 2008 Controlled | 24013 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.0019923 | 0.0018555 | 0.0005168 |
| 2008 Controlled | 24013 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.0122949 | 0.0177613 | 0.0015594 |
| 2008 Controlled | 24013 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.002913 | 0.0091483 | 0.0007486 |
| 2008 Controlled | 24013 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.0031804 | 0.0103873 | 0.0008637 |
| 2008 Controlled | 24013 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.0003438 | 0.0005163 | 9.426E-05 |
| 2008 Controlled | 24013 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.0290518 | 0.0596729 | 0.0055613 |
| 2008 Controlled | 24013 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.0045477 | 0.0112228 | 0.0009124 |
| 2008 Controlled | 24013 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 5.395E-06 | 8.865E-06 | 1.571E-06 |
| 2008 Controlled | 24013 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.0284577 | 0.0521836 | 0.0075782 |
| 2008 Controlled | 24013 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.0059847 | 0.010569 | 0.0015874 |
| 2008 Controlled | 24013 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0327639 | 0.0796693 | 0.0078889 |
| 2008 Controlled | 24013 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0028229 | 0.0074172 | 0.0006466 |
| 2008 Controlled | 24013 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.0001164 | 0.0002132 | 2.913E-05 |
| 2008 Controlled | 24013 | BNAA | 2270005010 | Diesel Eng; Agricultural Equip; 2-Wheel Tractors | 1.433E-05 | 1.135E-05 | 1.895E-06 |
| 2008 Controlled | 24013 | BNAA | 2270005015 | Diesel Eng; Agricultural Equip; Agricultural Tractors | 0.3096841 | 0.5779257 | 0.0584025 |
| 2008 Controlled | 24013 | BNAA | 2270005020 | Diesel Eng; Agricultural Equip; Combines | 0.0231334 | 0.0601974 | 0.0052631 |
| 2008 Controlled | 24013 | BNAA | 2270005025 | Diesel Eng; Agricultural Equip; Balers | 0.0001985 | 0.0002824 | 4.777E-05 |
| 2008 Controlled | 24013 | BNAA | 2270005030 | Diesel Eng; Agricultural Equip; Agricultural Mowers | 4.762E-05 | 5.829E-05 | 8.261E-06 |
| 2008 Controlled | 24013 | BNAA | 2270005035 | Diesel Eng; Agricultural Equip; Sprayers | 0.0024247 | 0.0045555 | 0.0006575 |
| 2008 Controlled | 24013 | BNAA | 2270005040 | Diesel Eng; Agricultural Equip; Tillers > 6HP | 6.904E-06 | 1.158E-05 | 1.106E-06 |
| 2008 Controlled | 24013 | BNAA | 2270005045 | Diesel Eng; Agricultural Equip; Swathers | 0.0025803 | 0.0043582 | 0.0004989 |
| 2008 Controlled | 24013 | BNAA | 2270005055 | Diesel Eng; Agricultural Equip; Other Agricultural Equip | 0.006368 | 0.0121752 | 0.0013186 |
| 2008 Controlled | 24013 | BNAA | 2270005060 | Diesel Eng; Agricultural Equip; Irrigation Sets | 0.0030109 | 0.0078348 | 0.0008015 |
| 2008 Controlled | 24013 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.0181704 | 0.0368859 | 0.0047806 |
| 2008 Controlled | 24013 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.0042944 | 0.0087591 | 0.0010705 |
| 2008 Controlled | 24013 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.0093351 | 0.0210937 | 0.0021209 |
| 2008 Controlled | 24013 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.014322 | 0.010971 | 0.0035433 |
| 2008 Controlled | 24013 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.0005417 | 0.0012241 | 0.000155 |
| 2008 Controlled | 24013 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.0004085 | 0.0009071 | 9.38E-05 |
| 2008 Controlled | 24013 | BNAA | 2270007015 | Diesel Eng; Logging Equip; Feller-Bunch-Skidder | 0.0019185 | 0.0053051 | 0.0003973 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24013 | BNAA | 2270008005 | Diesel Eng; Airport Ground Support Equip; Airport Ground Support Equip | 4.521E-05 | 0.0001036 | 7.771E-06 |
| 2008 Controlled | 24013 | BNAA | 2270010010 | Diesel Eng; Industrial Equip; Other Oil Field Equipment | 0.0007251 | 0.002609 | 0.0001719 |
| 2008 Controlled | 24013 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 0.4818984 | 0.0118208 | 0.2552544 |
| 2008 Controlled | 24013 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 0.1853035 | 0.0038386 | 0.0739669 |
| 2008 Controlled | 24013 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.1373747 | 0.0082393 | 0.0110157 |
| 2008 Controlled | 24013 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.0014543 | 0.0088296 | 0.0003225 |
| 2008 Controlled | 24013 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 3.752E-05 | 6.079E-05 | 1.188E-05 |
| 2008 Controlled | 24013 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.0017363 | 0.0022673 | 0.0004098 |
| 2008 Controlled | 24013 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.0054485 | 3.244E-05 | 0.0001145 |
| 2008 Controlled | 24013 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 2.182E-05 | 4.438E-06 | 1.233E-06 |
| 2008 Controlled | 24025 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.4789681 | 0.0023209 | 0.5446074 |
| 2008 Controlled | 24025 | BNAA | 2260001030 | 2-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.6666798 | 0.0031873 | 0.6960662 |
| 2008 Controlled | 24025 | BNAA | 2260001060 | 2-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.4428642 | 0.0029375 | 0.0142365 |
| 2008 Controlled | 24025 | BNAA | 2260002006 | 2-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0563779 | 0.000261 | 0.0137895 |
| 2008 Controlled | 24025 | BNAA | 2260002009 | 2-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.0020597 | 1.579E-05 | 0.0004484 |
| 2008 Controlled | 24025 | BNAA | 2260002021 | 2-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.0024853 | 1.891E-05 | 0.0005301 |
| 2008 Controlled | 24025 | BNAA | 2260002027 | 2-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 1.949E-05 | 1.429E-07 | 4.539E-06 |
| 2008 Controlled | 24025 | BNAA | 2260002039 | 2-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.1431029 | 0.0006213 | 0.0300552 |
| 2008 Controlled | 24025 | BNAA | 2260002054 | 2-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0005075 | 3.722E-06 | 0.0001058 |
| 2008 Controlled | 24025 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0002949 | 2.163E-06 | 6.545E-05 |
| 2008 Controlled | 24025 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 2.323E-05 | 1.704E-07 | 4.955E-06 |
| 2008 Controlled | 24025 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.008732 | 5.452E-05 | 0.0035472 |
| 2008 Controlled | 24025 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.0409345 | 0.0002919 | 0.011491 |
| 2008 Controlled | 24025 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.071616 | 0.0005037 | 0.0295197 |
| 2008 Controlled | 24025 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 0.4806526 | 0.0021599 | 0.1196899 |
| 2008 Controlled | 24025 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.1496457 | 0.001132 | 0.0596553 |
| 2008 Controlled | 24025 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.4223974 | 0.0030525 | 0.1020916 |
| 2008 Controlled | 24025 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.1005853 | 0.0007222 | 0.0395886 |
| 2008 Controlled | 24025 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 0.4744823 | 0.0029106 | 0.1062593 |
| 2008 Controlled | 24025 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.01144 |
| 2008 Controlled | 24025 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0018163 |
| 2008 Controlled | 24025 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0001664 | 1.29E-06 | 3.234E-05 |
| 2008 Controlled | 24025 | BNAA | 2260005035 | 2-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0007232 | 6.332E-06 | 0.0001833 |
| 2008 Controlled | 24025 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.0070048 | 5.457E-05 | 0.0015721 |
| 2008 Controlled | 24025 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.0461319 | 0.0003714 | 0.0110569 |
| 2008 Controlled | 24025 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 1.937E-05 | 1.421E-07 | 4.024E-06 |
| 2008 Controlled | 24025 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.0003048 | 2.236E-06 | 6.291E-05 |
| 2008 Controlled | 24025 | BNAA | 2260007005 | 2-Stroke Gas Eng; Logging Equip; Chain Saws > 6 HP | 0.012675 | 5.214E-05 | 0.0028817 |
| 2008 Controlled | 24025 | BNAA | 2265001010 | 4-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.2097739 | 0.0022863 | 0.0213996 |
| 2008 Controlled | 24025 | BNAA | 2265001030 | 4-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 2.1641246 | 0.0210875 | 0.2349203 |
| 2008 Controlled | 24025 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 2.2905612 | 0.0107242 | 0.0358181 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24025 | BNAA | 2265001060 | 4-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.3670326 | 0.0028755 | 0.0164296 |
| 2008 Controlled | 24025 | BNAA | 2265002003 | 4-Stroke Gas Eng; Construction & Mining Equip; Pavers | 0.0631633 | 0.0004867 | 0.001078 |
| 2008 Controlled | 24025 | BNAA | 2265002006 | 4-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0005175 | 2.885E-06 | 1.017E-05 |
| 2008 Controlled | 24025 | BNAA | 2265002009 | 4-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.1169293 | 0.0006401 | 0.0045396 |
| 2008 Controlled | 24025 | BNAA | 2265002015 | 4-Stroke Gas Eng; Construction & Mining Equip; Rollers | 0.117335 | 0.0007883 | 0.0017916 |
| 2008 Controlled | 24025 | BNAA | 2265002021 | 4-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.2326979 | 0.0013496 | 0.0064569 |
| 2008 Controlled | 24025 | BNAA | 2265002024 | 4-Stroke Gas Eng; Construction & Mining Equip; Surfacing Equip | 0.1053054 | 0.0005354 | 0.0019988 |
| 2008 Controlled | 24025 | BNAA | 2265002027 | 4-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0053428 | 2.464E-05 | 0.0001283 |
| 2008 Controlled | 24025 | BNAA | 2265002030 | 4-Stroke Gas Eng; Construction & Mining Equip; Trenchers | 0.1915501 | 0.0014598 | 0.0037829 |
| 2008 Controlled | 24025 | BNAA | 2265002033 | 4-Stroke Gas Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0552596 | 0.0005526 | 0.0029256 |
| 2008 Controlled | 24025 | BNAA | 2265002039 | 4-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.4797491 | 0.0025402 | 0.0066536 |
| 2008 Controlled | 24025 | BNAA | 2265002042 | 4-Stroke Gas Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.1972445 | 0.0012674 | 0.0078428 |
| 2008 Controlled | 24025 | BNAA | 2265002045 | 4-Stroke Gas Eng; Construction & Mining Equip; Cranes | 0.0068347 | 0.0002688 | 0.000237 |
| 2008 Controlled | 24025 | BNAA | 2265002054 | 4-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0285308 | 0.0001765 | 0.00054 |
| 2008 Controlled | 24025 | BNAA | 2265002057 | 4-Stroke Gas Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0073903 | 0.00041 | 0.0003075 |
| 2008 Controlled | 24025 | BNAA | 2265002060 | 4-Stroke Gas Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0150359 | 0.0008653 | 0.0006258 |
| 2008 Controlled | 24025 | BNAA | 2265002066 | 4-Stroke Gas Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.1542406 | 0.0008429 | 0.0022849 |
| 2008 Controlled | 24025 | BNAA | 2265002072 | 4-Stroke Gas Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0633134 | 0.0011602 | 0.0015865 |
| 2008 Controlled | 24025 | BNAA | 2265002078 | 4-Stroke Gas Eng; Construction & Mining Equip; Dumpers/Tenders | 0.03072 | 0.0002083 | 0.0011543 |
| 2008 Controlled | 24025 | BNAA | 2265002081 | 4-Stroke Gas Eng; Construction & Mining Equip; Other Construction Equip | 0.0069965 | 0.0004138 | 0.0003124 |
| 2008 Controlled | 24025 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.043164 | 0.0012318 | 0.0013578 |
| 2008 Controlled | 24025 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.0693216 | 0.0039867 | 0.002866 |
| 2008 Controlled | 24025 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0361507 | 0.0005457 | 0.0007739 |
| 2008 Controlled | 24025 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.1072054 | 0.0006009 | 0.0024774 |
| 2008 Controlled | 24025 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.0033422 | 7.963E-05 | 9.502E-05 |
| 2008 Controlled | 24025 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.0048871 | 2.515E-05 | 9.202E-05 |
| 2008 Controlled | 24025 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.0038213 | 0.0002079 | 0.0001408 |
| 2008 Controlled | 24025 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 2.7533469 | 0.0184499 | 0.2852853 |
| 2008 Controlled | 24025 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 2.3745346 | 0.0123724 | 0.1376541 |
| 2008 Controlled | 24025 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.2313662 | 0.0015577 | 0.0246892 |
| 2008 Controlled | 24025 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 1.1654599 | 0.0074316 | 0.0797442 |
| 2008 Controlled | 24025 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.0155165 | 9.903E-05 | 0.0017026 |
| 2008 Controlled | 24025 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.0612059 | 0.0003246 | 0.0027379 |
| 2008 Controlled | 24025 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.0296453 | 0.0001896 | 0.0029921 |
| 2008 Controlled | 24025 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 2.4660567 | 0.0198453 | 0.0510741 |
| 2008 Controlled | 24025 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0228174 |
| 2008 Controlled | 24025 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0040416 |
| 2008 Controlled | 24025 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 0.6827772 | 0.004013 | 0.0281468 |
| 2008 Controlled | 24025 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 0.3271799 | 0.0017108 | 0.005235 |
| 2008 Controlled | 24025 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.3380622 | 0.0022063 | 0.009791 |
| 2008 Controlled | 24025 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.1335036 | 0.0008698 | 0.0097551 |

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24025 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 9.1411198 | 0.0541715 | 0.3141962 |
| 2008 Controlled | 24025 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 4.4468788 | 0.0232728 | 0.0669782 |
| 2008 Controlled | 24025 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.5217028 | 0.0059719 | 0.0088284 |
| 2008 Controlled | 24025 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 12.923418 | 0.0729544 | 0.2473631 |
| 2008 Controlled | 24025 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.2811732 | 0.0019003 | 0.0147453 |
| 2008 Controlled | 24025 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.3599199 | 0.0024609 | 0.0190415 |
| 2008 Controlled | 24025 | BNAA | 2265005010 | 4-Stroke Gas Eng; Agricultural Equip; 2-Wheel Tractors | 0.0052723 | 2.681E-05 | 7.957E-05 |
| 2008 Controlled | 24025 | BNAA | 2265005015 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Tractors | 0.0078822 | 0.0002322 | 0.0002053 |
| 2008 Controlled | 24025 | BNAA | 2265005020 | 4-Stroke Gas Eng; Agricultural Equip; Combines | 3.568E-05 | 2.208E-06 | 1.824E-06 |
| 2008 Controlled | 24025 | BNAA | 2265005025 | 4-Stroke Gas Eng; Agricultural Equip; Balers | 0.0038521 | 0.0002384 | 0.0002236 |
| 2008 Controlled | 24025 | BNAA | 2265005030 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Mowers | 0.0040119 | 2.401E-05 | 8.299E-05 |
| 2008 Controlled | 24025 | BNAA | 2265005035 | 4-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0322557 | 0.0004065 | 0.0013419 |
| 2008 Controlled | 24025 | BNAA | 2265005040 | 4-Stroke Gas Eng; Agricultural Equip; Tillers > 6 HP | 0.0805847 | 0.0004789 | 0.003045 |
| 2008 Controlled | 24025 | BNAA | 2265005045 | 4-Stroke Gas Eng; Agricultural Equip; Swathers | 0.0061128 | 0.0003783 | 0.0003214 |
| 2008 Controlled | 24025 | BNAA | 2265005055 | 4-Stroke Gas Eng; Agricultural Equip; Other Agricultural Equip | 0.0139427 | 0.0004534 | 0.0004952 |
| 2008 Controlled | 24025 | BNAA | 2265005060 | 4-Stroke Gas Eng; Agricultural Equip; Irrigation Sets | 0.0080118 | 0.000385 | 0.0003016 |
| 2008 Controlled | 24025 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 3.4571053 | 0.0207675 | 0.1106492 |
| 2008 Controlled | 24025 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 0.7847672 | 0.0053971 | 0.0241284 |
| 2008 Controlled | 24025 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 0.3837106 | 0.0034618 | 0.009011 |
| 2008 Controlled | 24025 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 0.9950341 | 0.0068952 | 0.0187667 |
| 2008 Controlled | 24025 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 1.522917 | 0.0083183 | 0.0513636 |
| 2008 Controlled | 24025 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.0774858 | 0.0004015 | 0.0015478 |
| 2008 Controlled | 24025 | BNAA | 2265007010 | 2-Stroke Gas Eng; Logging Equip; Shredders > 6 HP | 0.0354464 | 0.0002402 | 0.0012055 |
| 2008 Controlled | 24025 | BNAA | 2265007015 | 2-Stroke Gas Eng; Logging Equip; Feller-Bunch-Skidder | 0.0004277 | 1.83E-06 | 1.07E-05 |
| 2008 Controlled | 24025 | BNAA | 2265010010 | 4-Stroke Gas Eng; Industrial Equip; Other Oil Field Equipment | 0.0212215 | 9.936E-05 | 0.0002611 |
| 2008 Controlled | 24025 | BNAA | 2267001060 | LPG Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0036611 | 0.0008266 | 0.0002267 |
| 2008 Controlled | 24025 | BNAA | 2267002003 | LPG Eng; Construction & Mining Equip; Pavers | 0.0013971 | 0.0002534 | 7.111E-05 |
| 2008 Controlled | 24025 | BNAA | 2267002015 | LPG Eng; Construction & Mining Equip; Rollers | 0.0021377 | 0.0003286 | 9.325E-05 |
| 2008 Controlled | 24025 | BNAA | 2267002021 | LPG Eng; Construction & Mining Equip; Paving Equip | 0.0004057 | 8.519E-05 | 2.354E-05 |
| 2008 Controlled | 24025 | BNAA | 2267002024 | LPG Eng; Construction & Mining Equip; Surfacing Equip | 0.0002395 | 4.191E-05 | 1.181E-05 |
| 2008 Controlled | 24025 | BNAA | 2267002030 | LPG Eng; Construction & Mining Equip; Trenchers | 0.0043539 | 0.0008044 | 0.0002256 |
| 2008 Controlled | 24025 | BNAA | 2267002033 | LPG Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0016132 | 0.0003617 | 9.871E-05 |
| 2008 Controlled | 24025 | BNAA | 2267002039 | LPG Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0032245 | 0.000416 | 0.0001187 |
| 2008 Controlled | 24025 | BNAA | 2267002045 | LPG Eng; Construction & Mining Equip; Cranes | 0.0016594 | 0.0003476 | 9.613E-05 |
| 2008 Controlled | 24025 | BNAA | 2267002054 | LPG Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.000267 | 5.542E-05 | 1.535E-05 |
| 2008 Controlled | 24025 | BNAA | 2267002057 | LPG Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0028601 | 0.0005547 | 0.000155 |
| 2008 Controlled | 24025 | BNAA | 2267002060 | LPG Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.00674 | 0.0011794 | 0.0003338 |
| 2008 Controlled | 24025 | BNAA | 2267002066 | LPG Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.0006691 | 0.0001075 | 3.06E-05 |
| 2008 Controlled | 24025 | BNAA | 2267002072 | LPG Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0060188 | 0.0012208 | 0.0003387 |
| 2008 Controlled | 24025 | BNAA | 2267002081 | LPG Eng; Construction & Mining Equip; Other Construction Equip | 0.0025154 | 0.0005361 | 0.0001478 |
| 2008 Controlled | 24025 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.0118043 | 0.0024677 | 0.0006802 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|---|-----------|-----------|-----------|
| 2008 Controlled | 24025 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 1.0058685 | 0.1761876 | 0.0497697 |
| 2008 Controlled | 24025 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0067325 | 0.0009587 | 0.0002727 |
| 2008 Controlled | 24025 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.0022289 | 0.0003608 | 0.0001022 |
| 2008 Controlled | 24025 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.0006343 | 0.0001313 | 3.629E-05 |
| 2008 Controlled | 24025 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.0037656 | 0.00043 | 0.0001232 |
| 2008 Controlled | 24025 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0263063 | 0.0043887 | 0.0012434 |
| 2008 Controlled | 24025 | BNAA | 2267005055 | LPG Eng; Agri Equip; Other Equip | 2.426E-05 | 5.512E-06 | 1.517E-06 |
| 2008 Controlled | 24025 | BNAA | 2267005060 | LPG Eng; Agricultural Equip; Irrigation Sets | 3.04E-05 | 4.952E-06 | 1.413E-06 |
| 2008 Controlled | 24025 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.0350811 | 0.0108631 | 0.0022286 |
| 2008 Controlled | 24025 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.007838 | 0.0021823 | 0.0004524 |
| 2008 Controlled | 24025 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.0091958 | 0.0023603 | 0.0004929 |
| 2008 Controlled | 24025 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.0165062 | 0.0031127 | 0.0008658 |
| 2008 Controlled | 24025 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.0002239 | 4.644E-05 | 1.27E-05 |
| 2008 Controlled | 24025 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.000137 | 3.171E-05 | 6.558E-06 |
| 2008 Controlled | 24025 | BNAA | 2268002081 | CNG Eng; Construction & Mining Equip; Other Construction Equip | 9.888E-05 | 2.108E-05 | 3.426E-07 |
| 2008 Controlled | 24025 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.071647 | 0.0126121 | 0.0002103 |
| 2008 Controlled | 24025 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 8.119E-05 | 1.421E-05 | 2.371E-07 |
| 2008 Controlled | 24025 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 4.341E-05 | 7.388E-06 | 1.234E-07 |
| 2008 Controlled | 24025 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.0002633 | 4.158E-05 | 6.948E-07 |
| 2008 Controlled | 24025 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.0002655 | 3.057E-05 | 5.175E-07 |
| 2008 Controlled | 24025 | BNAA | 2268005055 | CNG Eng; Agri Equip; Other Equip | 2.216E-05 | 4.993E-06 | 8.628E-08 |
| 2008 Controlled | 24025 | BNAA | 2268005060 | CNG Eng; Agricultural Equip; Irrigation Sets | 0.0003414 | 7.599E-05 | 1.321E-06 |
| 2008 Controlled | 24025 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.0105977 | 0.0033709 | 4.113E-05 |
| 2008 Controlled | 24025 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.0005255 | 0.0001561 | 1.919E-06 |
| 2008 Controlled | 24025 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.0007137 | 0.0001903 | 2.36E-06 |
| 2008 Controlled | 24025 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.0048716 | 0.0009353 | 9.411E-06 |
| 2008 Controlled | 24025 | BNAA | 2268010010 | CNG Eng; Industrial Equip; Other Oil Field Equipment | 0.0006947 | 7.565E-05 | 1.129E-06 |
| 2008 Controlled | 24025 | BNAA | 2270001060 | Diesel Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0105876 | 0.0099699 | 0.0027852 |
| 2008 Controlled | 24025 | BNAA | 2270002003 | Diesel Eng; Construction & Mining Equip; Pavers | 0.012215 | 0.0271302 | 0.0022714 |
| 2008 Controlled | 24025 | BNAA | 2270002006 | Diesel Eng; Construction & Mining Equip; Tampers/Rammers | 4.355E-05 | 6.116E-05 | 9.599E-06 |
| 2008 Controlled | 24025 | BNAA | 2270002009 | Diesel Eng; Construction & Mining Equip; Plate Compactors | 0.000649 | 0.000955 | 0.0001517 |
| 2008 Controlled | 24025 | BNAA | 2270002015 | Diesel Eng; Construction & Mining Equip; Rollers | 0.0362335 | 0.0694494 | 0.0061706 |
| 2008 Controlled | 24025 | BNAA | 2270002018 | Diesel Eng; Construction & Mining Equip; Scrapers | 0.0330566 | 0.0767384 | 0.004455 |
| 2008 Controlled | 24025 | BNAA | 2270002021 | Diesel Eng; Construction & Mining Equip; Paving Equip | 0.0023165 | 0.0043859 | 0.0004158 |
| 2008 Controlled | 24025 | BNAA | 2270002024 | Diesel Eng; Construction & Mining Equip; Surfacing Equip | 0.0018298 | 0.003131 | 0.0002807 |
| 2008 Controlled | 24025 | BNAA | 2270002027 | Diesel Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0047447 | 0.008706 | 0.001262 |
| 2008 Controlled | 24025 | BNAA | 2270002030 | Diesel Eng; Construction & Mining Equip; Trenchers | 0.0229343 | 0.0347227 | 0.0036323 |
| 2008 Controlled | 24025 | BNAA | 2270002033 | Diesel Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0145547 | 0.0410965 | 0.0035133 |
| 2008 Controlled | 24025 | BNAA | 2270002036 | Diesel Eng; Construction & Mining Equip; Excavators | 0.099977 | 0.2587994 | 0.0194787 |
| 2008 Controlled | 24025 | BNAA | 2270002039 | Diesel Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0017304 | 0.002366 | 0.0002684 |
| 2008 Controlled | 24025 | BNAA | 2270002042 | Diesel Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.0007234 | 0.0015772 | 0.0001797 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24025 | BNAA | 2270002045 | Diesel Eng; Construction & Mining Equip; Cranes | 0.0183205 | 0.0727387 | 0.004997 |
| 2008 Controlled | 24025 | BNAA | 2270002048 | Diesel Eng; Construction & Mining Equip; Graders | 0.0221886 | 0.065037 | 0.0048737 |
| 2008 Controlled | 24025 | BNAA | 2270002051 | Diesel Eng; Construction & Mining Equip; Off-highway Trucks | 0.0830627 | 0.2529442 | 0.0142123 |
| 2008 Controlled | 24025 | BNAA | 2270002054 | Diesel Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0044095 | 0.0132263 | 0.0009973 |
| 2008 Controlled | 24025 | BNAA | 2270002057 | Diesel Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0582759 | 0.0933554 | 0.0093897 |
| 2008 Controlled | 24025 | BNAA | 2270002060 | Diesel Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.1392871 | 0.3357357 | 0.0243474 |
| 2008 Controlled | 24025 | BNAA | 2270002066 | Diesel Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.210781 | 0.2231575 | 0.0481005 |
| 2008 Controlled | 24025 | BNAA | 2270002069 | Diesel Eng; Construction & Mining Equip; Crawler Tractor/Dozers | 0.1175512 | 0.2875951 | 0.0198659 |
| 2008 Controlled | 24025 | BNAA | 2270002072 | Diesel Eng; Construction & Mining Equip; Skid Steer Loaders | 0.1833882 | 0.1514648 | 0.0443411 |
| 2008 Controlled | 24025 | BNAA | 2270002075 | Diesel Eng; Construction & Mining Equip; Off-highway Tractors | 0.0168797 | 0.0367255 | 0.0025205 |
| 2008 Controlled | 24025 | BNAA | 2270002078 | Diesel Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0005538 | 0.000487 | 0.0001447 |
| 2008 Controlled | 24025 | BNAA | 2270002081 | Diesel Eng; Construction & Mining Equip; Other Construction Equip | 0.0173202 | 0.0352946 | 0.0026335 |
| 2008 Controlled | 24025 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.0032174 | 0.0029964 | 0.0008345 |
| 2008 Controlled | 24025 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.0198549 | 0.0286825 | 0.0025183 |
| 2008 Controlled | 24025 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.0047041 | 0.0147735 | 0.001209 |
| 2008 Controlled | 24025 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.0051359 | 0.0167743 | 0.0013948 |
| 2008 Controlled | 24025 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.0005552 | 0.0008338 | 0.0001522 |
| 2008 Controlled | 24025 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.0414582 | 0.0851558 | 0.0079362 |
| 2008 Controlled | 24025 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.007344 | 0.0181236 | 0.0014734 |
| 2008 Controlled | 24025 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 3.934E-06 | 6.463E-06 | 1.145E-06 |
| 2008 Controlled | 24025 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.0207478 | 0.0380458 | 0.0055251 |
| 2008 Controlled | 24025 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.0043633 | 0.0077056 | 0.0011574 |
| 2008 Controlled | 24025 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0238873 | 0.0580849 | 0.0057516 |
| 2008 Controlled | 24025 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0020581 | 0.0054077 | 0.0004714 |
| 2008 Controlled | 24025 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 8.49E-05 | 0.0001554 | 2.124E-05 |
| 2008 Controlled | 24025 | BNAA | 2270005010 | Diesel Eng; Agricultural Equip; 2-Wheel Tractors | 6.53E-06 | 5.172E-06 | 8.63E-07 |
| 2008 Controlled | 24025 | BNAA | 2270005015 | Diesel Eng; Agricultural Equip; Agricultural Tractors | 0.1410693 | 0.2632605 | 0.0266039 |
| 2008 Controlled | 24025 | BNAA | 2270005020 | Diesel Eng; Agricultural Equip; Combines | 0.0105379 | 0.0274215 | 0.0023975 |
| 2008 Controlled | 24025 | BNAA | 2270005025 | Diesel Eng; Agricultural Equip; Balers | 9.043E-05 | 0.0001286 | 2.176E-05 |
| 2008 Controlled | 24025 | BNAA | 2270005030 | Diesel Eng; Agricultural Equip; Agricultural Mowers | 2.169E-05 | 2.655E-05 | 3.763E-06 |
| 2008 Controlled | 24025 | BNAA | 2270005035 | Diesel Eng; Agricultural Equip; Sprayers | 0.0011045 | 0.0020752 | 0.0002995 |
| 2008 Controlled | 24025 | BNAA | 2270005040 | Diesel Eng; Agricultural Equip; Tillers > 6HP | 3.145E-06 | 5.273E-06 | 5.037E-07 |
| 2008 Controlled | 24025 | BNAA | 2270005045 | Diesel Eng; Agricultural Equip; Swathers | 0.0011754 | 0.0019853 | 0.0002273 |
| 2008 Controlled | 24025 | BNAA | 2270005055 | Diesel Eng; Agricultural Equip; Other Agricultural Equip | 0.0029008 | 0.0055461 | 0.0006007 |
| 2008 Controlled | 24025 | BNAA | 2270005060 | Diesel Eng; Agricultural Equip; Irrigation Sets | 0.0013715 | 0.003569 | 0.0003651 |
| 2008 Controlled | 24025 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.0246285 | 0.049996 | 0.0064797 |
| 2008 Controlled | 24025 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.0058207 | 0.0118723 | 0.0014509 |
| 2008 Controlled | 24025 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.012653 | 0.0285909 | 0.0028748 |
| 2008 Controlled | 24025 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.0194123 | 0.0148704 | 0.0048027 |
| 2008 Controlled | 24025 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.0007342 | 0.0016592 | 0.00021 |
| 2008 Controlled | 24025 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.0005537 | 0.0012295 | 0.0001271 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24025 | BNAA | 2270007015 | Diesel Eng; Logging Equip; Feller-Bunch-Skidder | 0.002898 | 0.0080137 | 0.0006001 |
| 2008 Controlled | 24025 | BNAA | 2270010010 | Diesel Eng; Industrial Equip; Other Oil Field Equipment | 0.0003296 | 0.0011859 | 7.812E-05 |
| 2008 Controlled | 24025 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 4.4575601 | 0.1093424 | 2.3611035 |
| 2008 Controlled | 24025 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 1.7140572 | 0.0355074 | 0.6841937 |
| 2008 Controlled | 24025 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Sterndrive | 2.8676964 | 0.1719957 | 0.2299524 |
| 2008 Controlled | 24025 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.030358 | 0.1843189 | 0.0067311 |
| 2008 Controlled | 24025 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 0.000347 | 0.0005623 | 0.0001099 |
| 2008 Controlled | 24025 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.0031695 | 0.0041389 | 0.0007482 |
| 2008 Controlled | 24025 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.0099462 | 5.922E-05 | 0.0002089 |
| 2008 Controlled | 24025 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 3.984E-05 | 8.101E-06 | 2.251E-06 |
| 2008 Controlled | 24027 | BNAA | 2260001010 | 2-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.0957936 | 0.0004642 | 0.1089215 |
| 2008 Controlled | 24027 | BNAA | 2260001030 | 2-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.1333359 | 0.0006375 | 0.1392132 |
| 2008 Controlled | 24027 | BNAA | 2260001060 | 2-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0885728 | 0.0005875 | 0.0028473 |
| 2008 Controlled | 24027 | BNAA | 2260002006 | 2-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0404672 | 0.0001874 | 0.0098979 |
| 2008 Controlled | 24027 | BNAA | 2260002009 | 2-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.0014784 | 1.133E-05 | 0.0003218 |
| 2008 Controlled | 24027 | BNAA | 2260002021 | 2-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.0017839 | 1.357E-05 | 0.0003805 |
| 2008 Controlled | 24027 | BNAA | 2260002027 | 2-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 1.399E-05 | 1.026E-07 | 3.258E-06 |
| 2008 Controlled | 24027 | BNAA | 2260002039 | 2-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.1027171 | 0.000446 | 0.0215731 |
| 2008 Controlled | 24027 | BNAA | 2260002054 | 2-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0003643 | 2.672E-06 | 7.592E-05 |
| 2008 Controlled | 24027 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0004006 | 2.938E-06 | 8.889E-05 |
| 2008 Controlled | 24027 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 3.155E-05 | 2.314E-07 | 6.73E-06 |
| 2008 Controlled | 24027 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.009733 | 6.077E-05 | 0.0039538 |
| 2008 Controlled | 24027 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.1204537 | 0.0008589 | 0.0338134 |
| 2008 Controlled | 24027 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.0798253 | 0.0005614 | 0.0329035 |
| 2008 Controlled | 24027 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 1.4143676 | 0.0063557 | 0.3521992 |
| 2008 Controlled | 24027 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.1667994 | 0.0012618 | 0.0664935 |
| 2008 Controlled | 24027 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 1.2429459 | 0.0089823 | 0.3004147 |
| 2008 Controlled | 24027 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.1121153 | 0.0008049 | 0.0441266 |
| 2008 Controlled | 24027 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.3962108 | 0.0085648 | 0.3126783 |
| 2008 Controlled | 24027 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0127513 |
| 2008 Controlled | 24027 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0053446 |
| 2008 Controlled | 24027 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0004896 | 3.797E-06 | 9.516E-05 |
| 2008 Controlled | 24027 | BNAA | 2260005035 | 2-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0003281 | 2.872E-06 | 8.315E-05 |
| 2008 Controlled | 24027 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.0186173 | 0.000145 | 0.0041783 |
| 2008 Controlled | 24027 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.1226084 | 0.0009872 | 0.0293868 |
| 2008 Controlled | 24027 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 5.149E-05 | 3.776E-07 | 1.069E-05 |
| 2008 Controlled | 24027 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.0008102 | 5.942E-06 | 0.0001672 |
| 2008 Controlled | 24027 | BNAA | 2260007005 | 2-Stroke Gas Eng; Logging Equip; Chain Saws > 6 HP | 0.005717 | 2.352E-05 | 0.0012998 |
| 2008 Controlled | 24027 | BNAA | 2265001010 | 4-Stroke Gas Eng; Recreational Equip; Motorcycles: Off-road | 0.0419548 | 0.0004573 | 0.0042799 |
| 2008 Controlled | 24027 | BNAA | 2265001030 | 4-Stroke Gas Eng; Recreational Equip; Offroad Motorcycles/ATVs | 0.4328248 | 0.0042175 | 0.0469841 |
| 2008 Controlled | 24027 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 1.7815477 | 0.008341 | 0.0278585 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24027 | BNAA | 2265001060 | 4-Stroke Gas Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0734065 | 0.0005751 | 0.0032859 |
| 2008 Controlled | 24027 | BNAA | 2265002003 | 4-Stroke Gas Eng; Construction & Mining Equip; Pavers | 0.0453376 | 0.0003493 | 0.0007738 |
| 2008 Controlled | 24027 | BNAA | 2265002006 | 4-Stroke Gas Eng; Construction & Mining Equip; Tampers/Rammers | 0.0003715 | 2.071E-06 | 7.297E-06 |
| 2008 Controlled | 24027 | BNAA | 2265002009 | 4-Stroke Gas Eng; Construction & Mining Equip; Plate Compactors | 0.0839301 | 0.0004595 | 0.0032585 |
| 2008 Controlled | 24027 | BNAA | 2265002015 | 4-Stroke Gas Eng; Construction & Mining Equip; Rollers | 0.0842212 | 0.0005659 | 0.001286 |
| 2008 Controlled | 24027 | BNAA | 2265002021 | 4-Stroke Gas Eng; Construction & Mining Equip; Paving Equip | 0.167027 | 0.0009687 | 0.0046346 |
| 2008 Controlled | 24027 | BNAA | 2265002024 | 4-Stroke Gas Eng; Construction & Mining Equip; Surfacing Equip | 0.0755866 | 0.0003843 | 0.0014347 |
| 2008 Controlled | 24027 | BNAA | 2265002027 | 4-Stroke Gas Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.003835 | 1.769E-05 | 9.207E-05 |
| 2008 Controlled | 24027 | BNAA | 2265002030 | 4-Stroke Gas Eng; Construction & Mining Equip; Trenchers | 0.1374917 | 0.0010478 | 0.0027153 |
| 2008 Controlled | 24027 | BNAA | 2265002033 | 4-Stroke Gas Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0396645 | 0.0003967 | 0.0020999 |
| 2008 Controlled | 24027 | BNAA | 2265002039 | 4-Stroke Gas Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.3443566 | 0.0018233 | 0.0047758 |
| 2008 Controlled | 24027 | BNAA | 2265002042 | 4-Stroke Gas Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.1415791 | 0.0009097 | 0.0056295 |
| 2008 Controlled | 24027 | BNAA | 2265002045 | 4-Stroke Gas Eng; Construction & Mining Equip; Cranes | 0.0049058 | 0.0001929 | 0.0001701 |
| 2008 Controlled | 24027 | BNAA | 2265002054 | 4-Stroke Gas Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0204789 | 0.0001267 | 0.0003876 |
| 2008 Controlled | 24027 | BNAA | 2265002057 | 4-Stroke Gas Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0053047 | 0.0002943 | 0.0002207 |
| 2008 Controlled | 24027 | BNAA | 2265002060 | 4-Stroke Gas Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0107926 | 0.0006211 | 0.0004492 |
| 2008 Controlled | 24027 | BNAA | 2265002066 | 4-Stroke Gas Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.1107116 | 0.000605 | 0.0016401 |
| 2008 Controlled | 24027 | BNAA | 2265002072 | 4-Stroke Gas Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0454454 | 0.0008328 | 0.0011388 |
| 2008 Controlled | 24027 | BNAA | 2265002078 | 4-Stroke Gas Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0220504 | 0.0001495 | 0.0008286 |
| 2008 Controlled | 24027 | BNAA | 2265002081 | 4-Stroke Gas Eng; Construction & Mining Equip; Other Construction Equip | 0.005022 | 0.000297 | 0.0002242 |
| 2008 Controlled | 24027 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.0586233 | 0.001673 | 0.0018441 |
| 2008 Controlled | 24027 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.0941493 | 0.0054145 | 0.0038924 |
| 2008 Controlled | 24027 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0490982 | 0.0007412 | 0.0010511 |
| 2008 Controlled | 24027 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.1456013 | 0.000816 | 0.0033647 |
| 2008 Controlled | 24027 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.0045392 | 0.0001081 | 0.0001291 |
| 2008 Controlled | 24027 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; AC\Refrigeration | 0.0055865 | 2.875E-05 | 0.0001052 |
| 2008 Controlled | 24027 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.00519 | 0.0002823 | 0.0001912 |
| 2008 Controlled | 24027 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 3.0689604 | 0.0205648 | 0.3179873 |
| 2008 Controlled | 24027 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 6.9873006 | 0.0364071 | 0.4050608 |
| 2008 Controlled | 24027 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.2578875 | 0.0017363 | 0.0275193 |
| 2008 Controlled | 24027 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 3.4294802 | 0.0218682 | 0.234655 |
| 2008 Controlled | 24027 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.0172951 | 0.0001104 | 0.0018978 |
| 2008 Controlled | 24027 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.1801044 | 0.0009552 | 0.0080566 |
| 2008 Controlled | 24027 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.0330435 | 0.0002113 | 0.0033351 |
| 2008 Controlled | 24027 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 7.2566143 | 0.0583967 | 0.1502905 |
| 2008 Controlled | 24027 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0254329 |
| 2008 Controlled | 24027 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0118929 |
| 2008 Controlled | 24027 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 0.7610433 | 0.004473 | 0.0313732 |
| 2008 Controlled | 24027 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 0.9627591 | 0.0050342 | 0.0154046 |
| 2008 Controlled | 24027 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.9947811 | 0.0064923 | 0.028811 |
| 2008 Controlled | 24027 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.3928475 | 0.0025596 | 0.0287053 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24027 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 10.188958 | 0.0603811 | 0.3502122 |
| 2008 Controlled | 24027 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 13.085378 | 0.0684826 | 0.1970898 |
| 2008 Controlled | 24027 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 1.5351617 | 0.017573 | 0.0259786 |
| 2008 Controlled | 24027 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 38.028427 | 0.2146755 | 0.7278903 |
| 2008 Controlled | 24027 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.3134038 | 0.0021181 | 0.0164356 |
| 2008 Controlled | 24027 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 1.0590996 | 0.0072415 | 0.0560315 |
| 2008 Controlled | 24027 | BNAA | 2265005010 | 4-Stroke Gas Eng; Agricultural Equip; 2-Wheel Tractors | 0.0023917 | 1.216E-05 | 3.61E-05 |
| 2008 Controlled | 24027 | BNAA | 2265005015 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Tractors | 0.0035757 | 0.0001053 | 9.312E-05 |
| 2008 Controlled | 24027 | BNAA | 2265005020 | 4-Stroke Gas Eng; Agricultural Equip; Combines | 1.618E-05 | 1.002E-06 | 8.274E-07 |
| 2008 Controlled | 24027 | BNAA | 2265005025 | 4-Stroke Gas Eng; Agricultural Equip; Balers | 0.0017474 | 0.0001081 | 0.0001014 |
| 2008 Controlled | 24027 | BNAA | 2265005030 | 4-Stroke Gas Eng; Agricultural Equip; Agricultural Mowers | 0.0018199 | 1.089E-05 | 3.765E-05 |
| 2008 Controlled | 24027 | BNAA | 2265005035 | 4-Stroke Gas Eng; Agricultural Equip; Sprayers | 0.0146324 | 0.0001844 | 0.0006088 |
| 2008 Controlled | 24027 | BNAA | 2265005040 | 4-Stroke Gas Eng; Agricultural Equip; Tillers > 6 HP | 0.0365562 | 0.0002172 | 0.0013813 |
| 2008 Controlled | 24027 | BNAA | 2265005045 | 4-Stroke Gas Eng; Agricultural Equip; Swathers | 0.002773 | 0.0001716 | 0.0001458 |
| 2008 Controlled | 24027 | BNAA | 2265005055 | 4-Stroke Gas Eng; Agricultural Equip; Other Agricultural Equip | 0.0063249 | 0.0002057 | 0.0002247 |
| 2008 Controlled | 24027 | BNAA | 2265005060 | 4-Stroke Gas Eng; Agricultural Equip; Irrigation Sets | 0.0036345 | 0.0001746 | 0.0001368 |
| 2008 Controlled | 24027 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 9.1882177 | 0.0551953 | 0.2940809 |
| 2008 Controlled | 24027 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 2.0857368 | 0.0143442 | 0.0641279 |
| 2008 Controlled | 24027 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 1.0198176 | 0.0092007 | 0.0239492 |
| 2008 Controlled | 24027 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 2.6445794 | 0.018326 | 0.0498777 |
| 2008 Controlled | 24027 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 4.0475751 | 0.0221081 | 0.1365131 |
| 2008 Controlled | 24027 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.2059401 | 0.0010671 | 0.0041137 |
| 2008 Controlled | 24027 | BNAA | 2265007010 | 2-Stroke Gas Eng; Logging Equip; Shredders > 6 HP | 0.015988 | 0.0001083 | 0.0005438 |
| 2008 Controlled | 24027 | BNAA | 2265007015 | 2-Stroke Gas Eng; Logging Equip; Feller-Bunch-Skidder | 0.0001929 | 8.255E-07 | 4.826E-06 |
| 2008 Controlled | 24027 | BNAA | 2265010010 | 4-Stroke Gas Eng; Industrial Equip; Other Oil Field Equipment | 0.0169772 | 7.949E-05 | 0.0002089 |
| 2008 Controlled | 24027 | BNAA | 2267001060 | LPG Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0007322 | 0.0001653 | 4.533E-05 |
| 2008 Controlled | 24027 | BNAA | 2267002003 | LPG Eng; Construction & Mining Equip; Pavers | 0.0010028 | 0.0001819 | 5.104E-05 |
| 2008 Controlled | 24027 | BNAA | 2267002015 | LPG Eng; Construction & Mining Equip; Rollers | 0.0015344 | 0.0002359 | 6.694E-05 |
| 2008 Controlled | 24027 | BNAA | 2267002021 | LPG Eng; Construction & Mining Equip; Paving Equip | 0.0002912 | 6.114E-05 | 1.689E-05 |
| 2008 Controlled | 24027 | BNAA | 2267002024 | LPG Eng; Construction & Mining Equip; Surfacing Equip | 0.0001719 | 3.008E-05 | 8.477E-06 |
| 2008 Controlled | 24027 | BNAA | 2267002030 | LPG Eng; Construction & Mining Equip; Trenchers | 0.0031251 | 0.0005774 | 0.0001619 |
| 2008 Controlled | 24027 | BNAA | 2267002033 | LPG Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0011579 | 0.0002597 | 7.085E-05 |
| 2008 Controlled | 24027 | BNAA | 2267002039 | LPG Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0023145 | 0.0002986 | 8.522E-05 |
| 2008 Controlled | 24027 | BNAA | 2267002045 | LPG Eng; Construction & Mining Equip; Cranes | 0.0011911 | 0.0002495 | 6.9E-05 |
| 2008 Controlled | 24027 | BNAA | 2267002054 | LPG Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0001916 | 3.978E-05 | 1.102E-05 |
| 2008 Controlled | 24027 | BNAA | 2267002057 | LPG Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0020529 | 0.0003982 | 0.0001113 |
| 2008 Controlled | 24027 | BNAA | 2267002060 | LPG Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0048379 | 0.0008465 | 0.0002396 |
| 2008 Controlled | 24027 | BNAA | 2267002066 | LPG Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.0004803 | 7.719E-05 | 2.197E-05 |
| 2008 Controlled | 24027 | BNAA | 2267002072 | LPG Eng; Construction & Mining Equip; Skid Steer Loaders | 0.0043202 | 0.0008762 | 0.0002431 |
| 2008 Controlled | 24027 | BNAA | 2267002081 | LPG Eng; Construction & Mining Equip; Other Construction Equip | 0.0018055 | 0.0003848 | 0.0001061 |
| 2008 Controlled | 24027 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.016032 | 0.0033515 | 0.0009238 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|---|-----------|-----------|-----------|
| 2008 Controlled | 24027 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 1.3661233 | 0.2392897 | 0.0675949 |
| 2008 Controlled | 24027 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0091438 | 0.0013021 | 0.0003703 |
| 2008 Controlled | 24027 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.0030272 | 0.00049 | 0.0001388 |
| 2008 Controlled | 24027 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.0008615 | 0.0001783 | 4.928E-05 |
| 2008 Controlled | 24027 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.0051142 | 0.000584 | 0.0001673 |
| 2008 Controlled | 24027 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0774089 | 0.0129141 | 0.0036588 |
| 2008 Controlled | 24027 | BNAA | 2267005055 | LPG Eng; Agri Equip; Other Equip | 1.1E-05 | 2.5E-06 | 6.881E-07 |
| 2008 Controlled | 24027 | BNAA | 2267005060 | LPG Eng; Agricultural Equip; Irrigation Sets | 1.379E-05 | 2.247E-06 | 6.411E-07 |
| 2008 Controlled | 24027 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.0932378 | 0.0288718 | 0.0059232 |
| 2008 Controlled | 24027 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.0208316 | 0.0058002 | 0.0012025 |
| 2008 Controlled | 24027 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.0244405 | 0.0062731 | 0.0013101 |
| 2008 Controlled | 24027 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.0438699 | 0.0082728 | 0.002301 |
| 2008 Controlled | 24027 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.000595 | 0.0001234 | 3.375E-05 |
| 2008 Controlled | 24027 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.0003642 | 8.429E-05 | 1.743E-05 |
| 2008 Controlled | 24027 | BNAA | 2268002081 | CNG Eng; Construction & Mining Equip; Other Construction Equip | 7.097E-05 | 1.513E-05 | 2.459E-07 |
| 2008 Controlled | 24027 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.0973076 | 0.0171292 | 0.0002856 |
| 2008 Controlled | 24027 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0001103 | 1.93E-05 | 3.221E-07 |
| 2008 Controlled | 24027 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 5.896E-05 | 1.003E-05 | 1.676E-07 |
| 2008 Controlled | 24027 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.000301 | 4.754E-05 | 7.943E-07 |
| 2008 Controlled | 24027 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.0003606 | 4.152E-05 | 7.029E-07 |
| 2008 Controlled | 24027 | BNAA | 2268005055 | CNG Eng; Agri Equip; Other Equip | 1.005E-05 | 2.265E-06 | 3.914E-08 |
| 2008 Controlled | 24027 | BNAA | 2268005060 | CNG Eng; Agricultural Equip; Irrigation Sets | 0.0001549 | 3.447E-05 | 5.992E-07 |
| 2008 Controlled | 24027 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.0281662 | 0.0089592 | 0.0001093 |
| 2008 Controlled | 24027 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.0013965 | 0.000415 | 5.099E-06 |
| 2008 Controlled | 24027 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.0018969 | 0.0005056 | 6.271E-06 |
| 2008 Controlled | 24027 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.0129477 | 0.0024857 | 2.501E-05 |
| 2008 Controlled | 24027 | BNAA | 2268010010 | CNG Eng; Industrial Equip; Other Oil Field Equipment | 0.0005558 | 6.052E-05 | 9.032E-07 |
| 2008 Controlled | 24027 | BNAA | 2270001060 | Diesel Eng; Recreational Equip; Specialty Vehicles/Carts | 0.0021175 | 0.001994 | 0.000557 |
| 2008 Controlled | 24027 | BNAA | 2270002003 | Diesel Eng; Construction & Mining Equip; Pavers | 0.0087678 | 0.0194736 | 0.0016303 |
| 2008 Controlled | 24027 | BNAA | 2270002006 | Diesel Eng; Construction & Mining Equip; Tampers/Rammers | 3.126E-05 | 4.39E-05 | 6.89E-06 |
| 2008 Controlled | 24027 | BNAA | 2270002009 | Diesel Eng; Construction & Mining Equip; Plate Compactors | 0.0004658 | 0.0006855 | 0.0001089 |
| 2008 Controlled | 24027 | BNAA | 2270002015 | Diesel Eng; Construction & Mining Equip; Rollers | 0.0260078 | 0.0498497 | 0.0044292 |
| 2008 Controlled | 24027 | BNAA | 2270002018 | Diesel Eng; Construction & Mining Equip; Scrapers | 0.0237275 | 0.0550817 | 0.0031977 |
| 2008 Controlled | 24027 | BNAA | 2270002021 | Diesel Eng; Construction & Mining Equip; Paving Equip | 0.0016627 | 0.0031481 | 0.0002985 |
| 2008 Controlled | 24027 | BNAA | 2270002024 | Diesel Eng; Construction & Mining Equip; Surfacing Equip | 0.0013134 | 0.0022474 | 0.0002015 |
| 2008 Controlled | 24027 | BNAA | 2270002027 | Diesel Eng; Construction & Mining Equip; Signal Boards/Light Plants | 0.0034057 | 0.006249 | 0.0009058 |
| 2008 Controlled | 24027 | BNAA | 2270002030 | Diesel Eng; Construction & Mining Equip; Trenchers | 0.0164619 | 0.0249235 | 0.0026072 |
| 2008 Controlled | 24027 | BNAA | 2270002033 | Diesel Eng; Construction & Mining Equip; Bore/Drill Rigs | 0.0104472 | 0.0294984 | 0.0025218 |
| 2008 Controlled | 24027 | BNAA | 2270002036 | Diesel Eng; Construction & Mining Equip; Excavators | 0.071762 | 0.1857622 | 0.0139815 |
| 2008 Controlled | 24027 | BNAA | 2270002039 | Diesel Eng; Construction & Mining Equip; Concrete/Industrial Saws | 0.0012421 | 0.0016983 | 0.0001926 |
| 2008 Controlled | 24027 | BNAA | 2270002042 | Diesel Eng; Construction & Mining Equip; Cement & Mortar Mixers | 0.0005193 | 0.0011321 | 0.000129 |

Nonroad Model Emissions

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|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24027 | BNAA | 2270002045 | Diesel Eng; Construction & Mining Equip; Cranes | 0.0131502 | 0.0522108 | 0.0035867 |
| 2008 Controlled | 24027 | BNAA | 2270002048 | Diesel Eng; Construction & Mining Equip; Graders | 0.0159267 | 0.0466826 | 0.0034983 |
| 2008 Controlled | 24027 | BNAA | 2270002051 | Diesel Eng; Construction & Mining Equip; Off-highway Trucks | 0.0596212 | 0.1815595 | 0.0102014 |
| 2008 Controlled | 24027 | BNAA | 2270002054 | Diesel Eng; Construction & Mining Equip; Crushing/Processing Equip | 0.0031651 | 0.0094936 | 0.0007159 |
| 2008 Controlled | 24027 | BNAA | 2270002057 | Diesel Eng; Construction & Mining Equip; Rough Terrain Forklifts | 0.0418296 | 0.067009 | 0.0067398 |
| 2008 Controlled | 24027 | BNAA | 2270002060 | Diesel Eng; Construction & Mining Equip; Rubber Tire Loaders | 0.0999782 | 0.240986 | 0.0174762 |
| 2008 Controlled | 24027 | BNAA | 2270002066 | Diesel Eng; Construction & Mining Equip; Tractors/Loaders/Backhoes | 0.1512954 | 0.160179 | 0.0345258 |
| 2008 Controlled | 24027 | BNAA | 2270002069 | Diesel Eng; Construction & Mining Equip; Crawler Tractor/Dozers | 0.0843764 | 0.2064313 | 0.0142594 |
| 2008 Controlled | 24027 | BNAA | 2270002072 | Diesel Eng; Construction & Mining Equip; Skid Steer Loaders | 0.1316332 | 0.1087191 | 0.0318274 |
| 2008 Controlled | 24027 | BNAA | 2270002075 | Diesel Eng; Construction & Mining Equip; Off-highway Tractors | 0.012116 | 0.026361 | 0.0018092 |
| 2008 Controlled | 24027 | BNAA | 2270002078 | Diesel Eng; Construction & Mining Equip; Dumpers/Tenders | 0.0003975 | 0.0003496 | 0.0001039 |
| 2008 Controlled | 24027 | BNAA | 2270002081 | Diesel Eng; Construction & Mining Equip; Other Construction Equip | 0.0124322 | 0.0253339 | 0.0018903 |
| 2008 Controlled | 24027 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.0043697 | 0.0040696 | 0.0011334 |
| 2008 Controlled | 24027 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.0269659 | 0.0389552 | 0.0034202 |
| 2008 Controlled | 24027 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.0063889 | 0.0200647 | 0.001642 |
| 2008 Controlled | 24027 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.0069754 | 0.022782 | 0.0018944 |
| 2008 Controlled | 24027 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.000754 | 0.0011324 | 0.0002067 |
| 2008 Controlled | 24027 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.0473917 | 0.0973433 | 0.009072 |
| 2008 Controlled | 24027 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.0099743 | 0.0246146 | 0.0020012 |
| 2008 Controlled | 24027 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.157E-05 | 1.902E-05 | 3.37E-06 |
| 2008 Controlled | 24027 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.0610525 | 0.1119534 | 0.016258 |
| 2008 Controlled | 24027 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.0128395 | 0.0226746 | 0.0034056 |
| 2008 Controlled | 24027 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0702908 | 0.1709205 | 0.0169246 |
| 2008 Controlled | 24027 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0060562 | 0.0159127 | 0.0013872 |
| 2008 Controlled | 24027 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.0002498 | 0.0004573 | 6.249E-05 |
| 2008 Controlled | 24027 | BNAA | 2270005010 | Diesel Eng; Agricultural Equip; 2-Wheel Tractors | 2.962E-06 | 2.346E-06 | 3.915E-07 |
| 2008 Controlled | 24027 | BNAA | 2270005015 | Diesel Eng; Agricultural Equip; Agricultural Tractors | 0.0639943 | 0.1194249 | 0.0120685 |
| 2008 Controlled | 24027 | BNAA | 2270005020 | Diesel Eng; Agricultural Equip; Combines | 0.0047804 | 0.0124394 | 0.0010876 |
| 2008 Controlled | 24027 | BNAA | 2270005025 | Diesel Eng; Agricultural Equip; Balers | 4.102E-05 | 5.835E-05 | 9.872E-06 |
| 2008 Controlled | 24027 | BNAA | 2270005030 | Diesel Eng; Agricultural Equip; Agricultural Mowers | 9.84E-06 | 1.205E-05 | 1.707E-06 |
| 2008 Controlled | 24027 | BNAA | 2270005035 | Diesel Eng; Agricultural Equip; Sprayers | 0.000501 | 0.0009414 | 0.0001359 |
| 2008 Controlled | 24027 | BNAA | 2270005040 | Diesel Eng; Agricultural Equip; Tillers > 6HP | 1.427E-06 | 2.392E-06 | 2.285E-07 |
| 2008 Controlled | 24027 | BNAA | 2270005045 | Diesel Eng; Agricultural Equip; Swathers | 0.0005332 | 0.0009006 | 0.0001031 |
| 2008 Controlled | 24027 | BNAA | 2270005055 | Diesel Eng; Agricultural Equip; Other Agricultural Equip | 0.0013159 | 0.0025159 | 0.0002725 |
| 2008 Controlled | 24027 | BNAA | 2270005060 | Diesel Eng; Agricultural Equip; Irrigation Sets | 0.0006222 | 0.001619 | 0.0001656 |
| 2008 Controlled | 24027 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.0654572 | 0.1328782 | 0.0172217 |
| 2008 Controlled | 24027 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.0154702 | 0.0315539 | 0.0038562 |
| 2008 Controlled | 24027 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.0336288 | 0.0759881 | 0.0076405 |
| 2008 Controlled | 24027 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.0515936 | 0.0395222 | 0.0127646 |
| 2008 Controlled | 24027 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.0019513 | 0.0044098 | 0.0005583 |
| 2008 Controlled | 24027 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.0014715 | 0.0032678 | 0.0003379 |

Nonroad Model Emissions

| | | | | | | | |
|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24027 | BNAA | 2270007015 | Diesel Eng; Logging Equip; Feller-Bunch-Skidder | 0.0013071 | 0.0036146 | 0.0002707 |
| 2008 Controlled | 24027 | BNAA | 2270010010 | Diesel Eng; Industrial Equip; Other Oil Field Equipment | 0.0002637 | 0.0009487 | 6.25E-05 |
| 2008 Controlled | 24027 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 0.2409492 | 0.0059104 | 0.1276272 |
| 2008 Controlled | 24027 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 0.0926517 | 0.0019193 | 0.0369834 |
| 2008 Controlled | 24027 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.0686873 | 0.0041197 | 0.0055078 |
| 2008 Controlled | 24027 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.0007271 | 0.0044148 | 0.0001612 |
| 2008 Controlled | 24027 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 1.876E-05 | 3.039E-05 | 5.942E-06 |
| 2008 Controlled | 24027 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.0039801 | 0.0051974 | 0.0009395 |
| 2008 Controlled | 24027 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.0124898 | 7.437E-05 | 0.0002624 |
| 2008 Controlled | 24027 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 5.003E-05 | 1.017E-05 | 2.826E-06 |
| 2008 Controlled | 24510 | BNAA | 2260003030 | 2-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.0009942 | 7.291E-06 | 0.0002206 |
| 2008 Controlled | 24510 | BNAA | 2260003040 | 2-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 7.83E-05 | 5.743E-07 | 1.67E-05 |
| 2008 Controlled | 24510 | BNAA | 2260004015 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.0298397 | 0.0001863 | 0.0121216 |
| 2008 Controlled | 24510 | BNAA | 2260004016 | 2-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.0223841 | 0.0001596 | 0.0062836 |
| 2008 Controlled | 24510 | BNAA | 2260004020 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Res) | 0.2447304 | 0.0017212 | 0.1008765 |
| 2008 Controlled | 24510 | BNAA | 2260004021 | 2-Stroke Gas Eng; Lawn & Garden Equip; Chain Saws < 6 HP (Com) | 0.2628342 | 0.0011811 | 0.0654497 |
| 2008 Controlled | 24510 | BNAA | 2260004025 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.5113777 | 0.0038684 | 0.2038575 |
| 2008 Controlled | 24510 | BNAA | 2260004026 | 2-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.2309786 | 0.0016692 | 0.0558265 |
| 2008 Controlled | 24510 | BNAA | 2260004030 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.343726 | 0.0024678 | 0.1352843 |
| 2008 Controlled | 24510 | BNAA | 2260004031 | 2-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 0.2594601 | 0.0015916 | 0.0581055 |
| 2008 Controlled | 24510 | BNAA | 2260004035 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0390934 |
| 2008 Controlled | 24510 | BNAA | 2260004036 | 2-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0009932 |
| 2008 Controlled | 24510 | BNAA | 2260004071 | 2-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 9.099E-05 | 7.057E-07 | 1.768E-05 |
| 2008 Controlled | 24510 | BNAA | 2260006005 | 2-Stroke Gas Eng; Commercial Equip; Generator Sets | 0.0198003 | 0.0001543 | 0.0044438 |
| 2008 Controlled | 24510 | BNAA | 2260006010 | 2-Stroke Gas Eng; Commercial Equip; Pumps | 0.1303995 | 0.0010499 | 0.0312542 |
| 2008 Controlled | 24510 | BNAA | 2260006015 | 2-Stroke Gas Eng; Commercial Equip; Air Compressors | 5.476E-05 | 4.016E-07 | 1.137E-05 |
| 2008 Controlled | 24510 | BNAA | 2260006035 | 2-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.0008617 | 6.319E-06 | 0.0001778 |
| 2008 Controlled | 24510 | BNAA | 2265001050 | 4-Stroke Gas Eng; Recreational Equip; Golf Carts | 1.2725341 | 0.0059579 | 0.019899 |
| 2008 Controlled | 24510 | BNAA | 2265003010 | 4-Stroke Gas Eng; Industrial Equip; Aerial Lifts | 0.1455088 | 0.0041526 | 0.0045772 |
| 2008 Controlled | 24510 | BNAA | 2265003020 | 4-Stroke Gas Eng; Industrial Equip; Forklifts | 0.2336879 | 0.0134394 | 0.0096615 |
| 2008 Controlled | 24510 | BNAA | 2265003030 | 4-Stroke Gas Eng; Industrial Equip; Sweepers/Scrubbers | 0.1218667 | 0.0018398 | 0.0026089 |
| 2008 Controlled | 24510 | BNAA | 2265003040 | 4-Stroke Gas Eng; Industrial Equip; Other General Industrial Equip | 0.361397 | 0.0020255 | 0.0083516 |
| 2008 Controlled | 24510 | BNAA | 2265003050 | 4-Stroke Gas Eng; Industrial Equip; Other Material H&ling Equip | 0.0112668 | 0.0002684 | 0.0003203 |
| 2008 Controlled | 24510 | BNAA | 2265003060 | 4-Stroke Gas Eng; Industrial Equip; ACRefrigeration | 0.0136737 | 7.037E-05 | 0.0002575 |
| 2008 Controlled | 24510 | BNAA | 2265003070 | 4-Stroke Gas Eng; Industrial Equip; Terminal Tractors | 0.012882 | 0.0007007 | 0.0004746 |
| 2008 Controlled | 24510 | BNAA | 2265004010 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Res) | 9.4088952 | 0.0630481 | 0.9748935 |
| 2008 Controlled | 24510 | BNAA | 2265004011 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn Mowers (Com) | 1.2984614 | 0.0067656 | 0.0752731 |
| 2008 Controlled | 24510 | BNAA | 2265004015 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Res) | 0.7906381 | 0.0053232 | 0.0843694 |
| 2008 Controlled | 24510 | BNAA | 2265004016 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rotary Tillers < 6 HP (Com) | 0.6373059 | 0.0040638 | 0.0436063 |
| 2008 Controlled | 24510 | BNAA | 2265004025 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Res) | 0.0530239 | 0.0003384 | 0.0058183 |
| 2008 Controlled | 24510 | BNAA | 2265004026 | 4-Stroke Gas Eng; Lawn & Garden Equip; Trimmers/Edgers/Brush Cutters (Com) | 0.0334691 | 0.0001775 | 0.0014972 |

Nonroad Model Emissions

| | | | | | | | |
|-----------------|-------|------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24510 | BNAA | 2265004030 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Res) | 0.1013057 | 0.0006479 | 0.0102248 |
| 2008 Controlled | 24510 | BNAA | 2265004031 | 4-Stroke Gas Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 1.3485083 | 0.0108519 | 0.0279287 |
| 2008 Controlled | 24510 | BNAA | 2265004035 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Res) | | | 0.0779729 |
| 2008 Controlled | 24510 | BNAA | 2265004036 | 4-Stroke Gas Eng; Lawn & Garden Equip; Snowblowers (Com) | | | 0.0022101 |
| 2008 Controlled | 24510 | BNAA | 2265004040 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Res) | 2.3332257 | 0.0137134 | 0.0961848 |
| 2008 Controlled | 24510 | BNAA | 2265004041 | 4-Stroke Gas Eng; Lawn & Garden Equip; Rear Eng Riding Mowers (Com) | 0.1789111 | 0.0009355 | 0.0028627 |
| 2008 Controlled | 24510 | BNAA | 2265004046 | 4-Stroke Gas Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.1848618 | 0.0012065 | 0.005354 |
| 2008 Controlled | 24510 | BNAA | 2265004051 | 4-Stroke Gas Eng; Lawn & Garden Equip; Shredders < 6 HP (Com) | 0.0730035 | 0.0004756 | 0.0053344 |
| 2008 Controlled | 24510 | BNAA | 2265004055 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Res) | 31.237563 | 0.1851178 | 1.0736892 |
| 2008 Controlled | 24510 | BNAA | 2265004056 | 4-Stroke Gas Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 2.431677 | 0.0127262 | 0.0366255 |
| 2008 Controlled | 24510 | BNAA | 2265004066 | 4-Stroke Gas Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.2852816 | 0.0032656 | 0.0048276 |
| 2008 Controlled | 24510 | BNAA | 2265004071 | 4-Stroke Gas Eng; Lawn & Garden Equip; Turf Equip (Com) | 7.066884 | 0.0398935 | 0.135265 |
| 2008 Controlled | 24510 | BNAA | 2265004075 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Res) | 0.9608412 | 0.0064937 | 0.0503886 |
| 2008 Controlled | 24510 | BNAA | 2265004076 | 4-Stroke Gas Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 0.1968142 | 0.0013457 | 0.0104124 |
| 2008 Controlled | 24510 | BNAA | 2265006005 | 4-Stroke Gas Eng; Commercial Equip; Generator Sets | 9.7720839 | 0.0587027 | 0.3127683 |
| 2008 Controlled | 24510 | BNAA | 2265006010 | 4-Stroke Gas Eng; Commercial Equip; Pumps | 2.2182752 | 0.0152557 | 0.0682029 |
| 2008 Controlled | 24510 | BNAA | 2265006015 | 4-Stroke Gas Eng; Commercial Equip; Air Compressors | 1.084622 | 0.0097854 | 0.0254711 |
| 2008 Controlled | 24510 | BNAA | 2265006025 | 4-Stroke Gas Eng; Commercial Equip; Welders | 2.8126295 | 0.0194906 | 0.0530471 |
| 2008 Controlled | 24510 | BNAA | 2265006030 | 4-Stroke Gas Eng; Commercial Equip; Pressure Washers | 4.3047787 | 0.0235129 | 0.1451878 |
| 2008 Controlled | 24510 | BNAA | 2265006035 | 4-Stroke Gas Eng; Commercial Equip; Other Equipment | 0.2190267 | 0.0011349 | 0.0043751 |
| 2008 Controlled | 24510 | BNAA | 2265010010 | 4-Stroke Gas Eng; Industrial Equip; Other Oil Field Equipment | 0.0466872 | 0.0002186 | 0.0005743 |
| 2008 Controlled | 24510 | BNAA | 2267003010 | LPG Eng; Industrial Equip; Aerial Lifts | 0.0397931 | 0.0083186 | 0.0022931 |
| 2008 Controlled | 24510 | BNAA | 2267003020 | LPG Eng; Industrial Equip; Forklifts | 3.3908552 | 0.5939411 | 0.1677774 |
| 2008 Controlled | 24510 | BNAA | 2267003030 | LPG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0226959 | 0.0032319 | 0.0009192 |
| 2008 Controlled | 24510 | BNAA | 2267003040 | LPG Eng; Industrial Equip; Other General Industrial Equip | 0.0075138 | 0.0012163 | 0.0003444 |
| 2008 Controlled | 24510 | BNAA | 2267003050 | LPG Eng; Industrial Equip; Other Material H&ling Equip | 0.0021383 | 0.0004425 | 0.0001223 |
| 2008 Controlled | 24510 | BNAA | 2267003070 | LPG Eng; Industrial Equip; Terminal Tractors | 0.0126941 | 0.0014494 | 0.0004152 |
| 2008 Controlled | 24510 | BNAA | 2267004066 | LPG Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.014385 | 0.0023998 | 0.0006799 |
| 2008 Controlled | 24510 | BNAA | 2267006005 | LPG Eng; Commercial Equip; Generator Sets | 0.0991626 | 0.0307064 | 0.0062996 |
| 2008 Controlled | 24510 | BNAA | 2267006010 | LPG Eng; Commercial Equip; Pumps | 0.0221554 | 0.0061687 | 0.0012789 |
| 2008 Controlled | 24510 | BNAA | 2267006015 | LPG Eng; Commercial Equip; Air Compressors | 0.0259935 | 0.0066717 | 0.0013933 |
| 2008 Controlled | 24510 | BNAA | 2267006025 | LPG Eng; Commercial Equip; Welders | 0.0466576 | 0.0087985 | 0.0024473 |
| 2008 Controlled | 24510 | BNAA | 2267006030 | LPG Eng; Commercial Equip; Pressure Washers | 0.0006328 | 0.0001313 | 3.59E-05 |
| 2008 Controlled | 24510 | BNAA | 2267006035 | LPG Eng; Commercial Equip; Other Equipment | 0.0003873 | 8.965E-05 | 1.854E-05 |
| 2008 Controlled | 24510 | BNAA | 2268003020 | CNG Eng; Industrial Equip; Forklifts | 0.2415272 | 0.0425164 | 0.0007088 |
| 2008 Controlled | 24510 | BNAA | 2268003030 | CNG Eng; Industrial Equip; Sweepers/Scrubbers | 0.0002737 | 4.79E-05 | 7.994E-07 |
| 2008 Controlled | 24510 | BNAA | 2268003040 | CNG Eng; Industrial Equip; Other General Industrial Equip | 0.0001463 | 2.491E-05 | 4.16E-07 |
| 2008 Controlled | 24510 | BNAA | 2268003060 | CNG Eng; Industrial Equip; AC\Refrigeration | 0.0007368 | 0.0001163 | 1.944E-06 |
| 2008 Controlled | 24510 | BNAA | 2268003070 | CNG Eng; Industrial Equip; Terminal Tractors | 0.0008951 | 0.000103 | 1.745E-06 |
| 2008 Controlled | 24510 | BNAA | 2268006005 | CNG Eng; Commercial Equip; Generator Sets | 0.029956 | 0.0095285 | 0.0001163 |
| 2008 Controlled | 24510 | BNAA | 2268006010 | CNG Eng; Commercial Equip; Pumps | 0.0014853 | 0.0004414 | 5.423E-06 |

Nonroad Model Emissions

| | | | | | | | |
|-----------------|-------|------------|------------|--|-----------|-----------|-----------|
| 2008 Controlled | 24510 | BNAA | 2268006015 | CNG Eng; Commercial Equip; Air Compressors | 0.0020174 | 0.0005378 | 6.67E-06 |
| 2008 Controlled | 24510 | BNAA | 2268006020 | CNG Eng; Commercial Equip; Gas Compressors | 0.0137705 | 0.0026437 | 2.66E-05 |
| 2008 Controlled | 24510 | BNAA | 2268010010 | CNG Eng; Industrial Equip; Other Oil Field Equipment | 0.0015284 | 0.0001664 | 2.484E-06 |
| 2008 Controlled | 24510 | BNAA | 2270003010 | Diesel Eng; Industrial Equip; Aerial Lifts | 0.0108461 | 0.0101012 | 0.0028132 |
| 2008 Controlled | 24510 | BNAA | 2270003020 | Diesel Eng; Industrial Equip; Forklifts | 0.0669322 | 0.0966907 | 0.0084894 |
| 2008 Controlled | 24510 | BNAA | 2270003030 | Diesel Eng; Industrial Equip; Sweepers/Scrubbers | 0.0158579 | 0.0498026 | 0.0040755 |
| 2008 Controlled | 24510 | BNAA | 2270003040 | Diesel Eng; Industrial Equip; Other General Industrial Equip | 0.0173135 | 0.0565473 | 0.004702 |
| 2008 Controlled | 24510 | BNAA | 2270003050 | Diesel Eng; Industrial Equip; Other Material H&ling Equip | 0.0018715 | 0.0028107 | 0.0005131 |
| 2008 Controlled | 24510 | BNAA | 2270003060 | Diesel Eng; Industrial Equip; AC\Refrigeration | 0.1159973 | 0.2382603 | 0.0222048 |
| 2008 Controlled | 24510 | BNAA | 2270003070 | Diesel Eng; Industrial Equip; Terminal Tractors | 0.0247573 | 0.0610959 | 0.0049671 |
| 2008 Controlled | 24510 | BNAA | 2270004031 | Diesel Eng; Lawn & Garden Equip; Leafblowers/Vacuums (Com) | 2.151E-06 | 3.534E-06 | 6.263E-07 |
| 2008 Controlled | 24510 | BNAA | 2270004046 | Diesel Eng; Lawn & Garden Equip; Front Mowers (Com) | 0.0113455 | 0.0208045 | 0.0030213 |
| 2008 Controlled | 24510 | BNAA | 2270004056 | Diesel Eng; Lawn & Garden Equip; Lawn & Garden Tractors (Com) | 0.002386 | 0.0042136 | 0.0006329 |
| 2008 Controlled | 24510 | BNAA | 2270004066 | Diesel Eng; Lawn & Garden Equip; Chippers/Stump Grinders (Com) | 0.0130623 | 0.0317624 | 0.0031451 |
| 2008 Controlled | 24510 | BNAA | 2270004071 | Diesel Eng; Lawn & Garden Equip; Turf Equip (Com) | 0.0011254 | 0.0029571 | 0.0002578 |
| 2008 Controlled | 24510 | BNAA | 2270004076 | Diesel Eng; Lawn & Garden Equip; Other Lawn & Garden Equip (Com) | 4.642E-05 | 8.498E-05 | 1.161E-05 |
| 2008 Controlled | 24510 | BNAA | 2270006005 | Diesel Eng; Commercial Equip; Generator Sets | 0.0696167 | 0.141322 | 0.018316 |
| 2008 Controlled | 24510 | BNAA | 2270006010 | Diesel Eng; Commercial Equip; Pumps | 0.0164532 | 0.033559 | 0.0041013 |
| 2008 Controlled | 24510 | BNAA | 2270006015 | Diesel Eng; Commercial Equip; Air Compressors | 0.0357658 | 0.0808168 | 0.008126 |
| 2008 Controlled | 24510 | BNAA | 2270006025 | Diesel Eng; Commercial Equip; Welders | 0.0548721 | 0.0420336 | 0.0135757 |
| 2008 Controlled | 24510 | BNAA | 2270006030 | Diesel Eng; Commercial Equip; Pressure Washers | 0.0020752 | 0.00469 | 0.0005937 |
| 2008 Controlled | 24510 | BNAA | 2270006035 | Diesel Eng; Commercial Equip; Other Equipment | 0.001565 | 0.0034754 | 0.0003594 |
| 2008 Controlled | 24510 | BNAA | 2270010010 | Diesel Eng; Industrial Equip; Other Oil Field Equipment | 0.0007251 | 0.002609 | 0.0001719 |
| 2008 Controlled | 24510 | BNAA | 2282005010 | 2-Stroke Gas Eng; Marine Pleasure Craft; Outboard | 1.8673562 | 0.0458056 | 0.9891109 |
| 2008 Controlled | 24510 | BNAA | 2282005015 | 2-Stroke Gas Eng; Marine Pleasure Craft; Personal Water Craft | 0.718051 | 0.0148747 | 0.2866217 |
| 2008 Controlled | 24510 | BNAA | 2282010005 | 4-Stroke Gas Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.7899043 | 0.0473761 | 0.0633402 |
| 2008 Controlled | 24510 | BNAA | 2282020005 | Diesel Eng; Marine Pleasure Craft; Inboard-Sterndrive | 0.0083621 | 0.0507705 | 0.0018541 |
| 2008 Controlled | 24510 | BNAA | 2282020010 | Diesel Eng; Marine Pleasure Craft; Outboard | 0.0001454 | 0.0002356 | 4.605E-05 |
| 2008 Controlled | 24510 | BNAA | 2285002015 | Diesel Eng; Railroad Equip; RR Maintenance | 0.0030849 | 0.0040284 | 0.0007282 |
| 2008 Controlled | 24510 | BNAA | 2285004015 | 4-Stroke Gas Eng; Railroad Equip; RR Maintenance | 0.0096806 | 5.764E-05 | 0.0002034 |
| 2008 Controlled | 24510 | BNAA | 2285006015 | LPG Eng; Railroad Equip; RR Maintenance | 3.877E-05 | 7.885E-06 | 2.191E-06 |
| 2008 Controlled | | BNAA Total | | | 756.35009 | 32.462798 | 51.881577 |

2008 Benefits 15.787 6.751 17.905

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-------------------------|----------|----------|----------|
| 2009 | Controlled | 24003 | BNAA | 2260001010 | Recreational | 0.593801 | 0.003075 | 0.65577 |
| 2009 | Controlled | 24003 | BNAA | 2260001030 | Recreational | 0.841051 | 0.004268 | 0.813381 |
| 2009 | Controlled | 24003 | BNAA | 2260001060 | Recreational | 0.538211 | 0.003451 | 0.016865 |
| 2009 | Controlled | 24003 | BNAA | 2260002006 | Construction and Mining | 0.08946 | 0.000391 | 0.019954 |
| 2009 | Controlled | 24003 | BNAA | 2260002009 | Construction and Mining | 0.003335 | 2.56E-05 | 0.000726 |
| 2009 | Controlled | 24003 | BNAA | 2260002021 | Construction and Mining | 0.004025 | 3.06E-05 | 0.000858 |
| 2009 | Controlled | 24003 | BNAA | 2260002027 | Construction and Mining | 3.16E-05 | 2.31E-07 | 7.35E-06 |
| 2009 | Controlled | 24003 | BNAA | 2260002039 | Construction and Mining | 0.231742 | 0.001006 | 0.048672 |
| 2009 | Controlled | 24003 | BNAA | 2260002054 | Construction and Mining | 0.000822 | 6.03E-06 | 0.000171 |
| 2009 | Controlled | 24003 | BNAA | 2260003030 | Industrial | 0.000662 | 4.85E-06 | 0.000147 |
| 2009 | Controlled | 24003 | BNAA | 2260003040 | Industrial | 5.21E-05 | 3.82E-07 | 1.11E-05 |
| 2009 | Controlled | 24003 | BNAA | 2260004015 | Lawn and Garden | 0.018651 | 0.000131 | 0.006878 |
| 2009 | Controlled | 24003 | BNAA | 2260004016 | Lawn and Garden | 0.144645 | 0.001118 | 0.0358 |
| 2009 | Controlled | 24003 | BNAA | 2260004020 | Lawn and Garden | 0.155828 | 0.001182 | 0.059791 |
| 2009 | Controlled | 24003 | BNAA | 2260004021 | Lawn and Garden | 1.771954 | 0.007963 | 0.441244 |
| 2009 | Controlled | 24003 | BNAA | 2260004025 | Lawn and Garden | 0.321941 | 0.002651 | 0.119389 |
| 2009 | Controlled | 24003 | BNAA | 2260004026 | Lawn and Garden | 1.548373 | 0.011191 | 0.365388 |
| 2009 | Controlled | 24003 | BNAA | 2260004030 | Lawn and Garden | 0.218223 | 0.001694 | 0.079969 |
| 2009 | Controlled | 24003 | BNAA | 2260004031 | Lawn and Garden | 1.72874 | 0.010436 | 0.365535 |
| 2009 | Controlled | 24003 | BNAA | 2260004035 | Lawn and Garden | | | 0.025864 |
| 2009 | Controlled | 24003 | BNAA | 2260004036 | Lawn and Garden | | | 0.006696 |
| 2009 | Controlled | 24003 | BNAA | 2260004071 | Lawn and Garden | 0.000611 | 4.77E-06 | 0.000117 |
| 2009 | Controlled | 24003 | BNAA | 2260005035 | Agricultural | 0.0003 | 2.68E-06 | 7.33E-05 |
| 2009 | Controlled | 24003 | BNAA | 2260006005 | Commercial | 0.021081 | 0.000164 | 0.004731 |
| 2009 | Controlled | 24003 | BNAA | 2260006010 | Commercial | 0.138486 | 0.001118 | 0.033116 |
| 2009 | Controlled | 24003 | BNAA | 2260006015 | Commercial | 5.83E-05 | 4.28E-07 | 1.21E-05 |
| 2009 | Controlled | 24003 | BNAA | 2260006035 | Commercial | 0.000917 | 6.73E-06 | 0.000189 |
| 2009 | Controlled | 24003 | BNAA | 2260007005 | Logging | 0.020624 | 8.48E-05 | 0.004689 |
| 2009 | Controlled | 24003 | BNAA | 2265001010 | Recreational | 0.25612 | 0.00284 | 0.026067 |
| 2009 | Controlled | 24003 | BNAA | 2265001030 | Recreational | 2.719675 | 0.025837 | 0.287465 |
| 2009 | Controlled | 24003 | BNAA | 2265001050 | Recreational | 2.307206 | 0.010802 | 0.036078 |
| 2009 | Controlled | 24003 | BNAA | 2265001060 | Recreational | 0.442402 | 0.003443 | 0.019346 |
| 2009 | Controlled | 24003 | BNAA | 2265002003 | Construction and Mining | 0.101603 | 0.000743 | 0.001698 |
| 2009 | Controlled | 24003 | BNAA | 2265002006 | Construction and Mining | 0.000842 | 4.57E-06 | 1.62E-05 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-------------------------|----------|----------|----------|
| 2009 | Controlled | 24003 | BNAA | 2265002009 | Construction and Mining | 0.188712 | 0.000919 | 0.00602 |
| 2009 | Controlled | 24003 | BNAA | 2265002015 | Construction and Mining | 0.188675 | 0.0012 | 0.002846 |
| 2009 | Controlled | 24003 | BNAA | 2265002021 | Construction and Mining | 0.377031 | 0.002071 | 0.009402 |
| 2009 | Controlled | 24003 | BNAA | 2265002024 | Construction and Mining | 0.17033 | 0.000849 | 0.003114 |
| 2009 | Controlled | 24003 | BNAA | 2265002027 | Construction and Mining | 0.008643 | 3.88E-05 | 0.000194 |
| 2009 | Controlled | 24003 | BNAA | 2265002030 | Construction and Mining | 0.308066 | 0.002221 | 0.005849 |
| 2009 | Controlled | 24003 | BNAA | 2265002033 | Construction and Mining | 0.088714 | 0.000806 | 0.003927 |
| 2009 | Controlled | 24003 | BNAA | 2265002039 | Construction and Mining | 0.77453 | 0.003987 | 0.010683 |
| 2009 | Controlled | 24003 | BNAA | 2265002042 | Construction and Mining | 0.320772 | 0.001943 | 0.011908 |
| 2009 | Controlled | 24003 | BNAA | 2265002045 | Construction and Mining | 0.010613 | 0.000405 | 0.000362 |
| 2009 | Controlled | 24003 | BNAA | 2265002054 | Construction and Mining | 0.046095 | 0.000277 | 0.00083 |
| 2009 | Controlled | 24003 | BNAA | 2265002057 | Construction and Mining | 0.010832 | 0.000592 | 0.000446 |
| 2009 | Controlled | 24003 | BNAA | 2265002060 | Construction and Mining | 0.020636 | 0.001176 | 0.000851 |
| 2009 | Controlled | 24003 | BNAA | 2265002066 | Construction and Mining | 0.249338 | 0.001339 | 0.003682 |
| 2009 | Controlled | 24003 | BNAA | 2265002072 | Construction and Mining | 0.100793 | 0.001744 | 0.002453 |
| 2009 | Controlled | 24003 | BNAA | 2265002078 | Construction and Mining | 0.049902 | 0.000327 | 0.001788 |
| 2009 | Controlled | 24003 | BNAA | 2265002081 | Construction and Mining | 0.010673 | 0.000626 | 0.000475 |
| 2009 | Controlled | 24003 | BNAA | 2265003010 | Industrial | 0.096193 | 0.002687 | 0.002976 |
| 2009 | Controlled | 24003 | BNAA | 2265003020 | Industrial | 0.137764 | 0.00784 | 0.005641 |
| 2009 | Controlled | 24003 | BNAA | 2265003030 | Industrial | 0.078387 | 0.00107 | 0.001618 |
| 2009 | Controlled | 24003 | BNAA | 2265003040 | Industrial | 0.23954 | 0.001289 | 0.005476 |
| 2009 | Controlled | 24003 | BNAA | 2265003050 | Industrial | 0.007444 | 0.000173 | 0.000209 |
| 2009 | Controlled | 24003 | BNAA | 2265003060 | Industrial | 0.009985 | 5.11E-05 | 0.000187 |
| 2009 | Controlled | 24003 | BNAA | 2265003070 | Industrial | 0.006491 | 0.000355 | 0.000237 |
| 2009 | Controlled | 24003 | BNAA | 2265004010 | Lawn and Garden | 6.201707 | 0.038121 | 0.612687 |
| 2009 | Controlled | 24003 | BNAA | 2265004011 | Lawn and Garden | 8.673223 | 0.036888 | 0.395812 |
| 2009 | Controlled | 24003 | BNAA | 2265004015 | Lawn and Garden | 0.520919 | 0.003215 | 0.052821 |
| 2009 | Controlled | 24003 | BNAA | 2265004016 | Lawn and Garden | 4.276359 | 0.024437 | 0.26506 |
| 2009 | Controlled | 24003 | BNAA | 2265004025 | Lawn and Garden | 0.034893 | 0.000199 | 0.00358 |
| 2009 | Controlled | 24003 | BNAA | 2265004026 | Lawn and Garden | 0.224554 | 0.001078 | 0.008518 |
| 2009 | Controlled | 24003 | BNAA | 2265004030 | Lawn and Garden | 0.066642 | 0.000381 | 0.006254 |
| 2009 | Controlled | 24003 | BNAA | 2265004031 | Lawn and Garden | 9.037994 | 0.069483 | 0.181934 |
| 2009 | Controlled | 24003 | BNAA | 2265004035 | Lawn and Garden | | | 0.051587 |
| 2009 | Controlled | 24003 | BNAA | 2265004036 | Lawn and Garden | | | 0.0149 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Controlled | 24003 | BNAA | 2265004040 | Lawn and Garden | 1.551412 | 0.008828 | 0.062889 |
| 2009 Controlled | 24003 | BNAA | 2265004041 | Lawn and Garden | 1.207027 | 0.006281 | 0.019214 |
| 2009 Controlled | 24003 | BNAA | 2265004046 | Lawn and Garden | 1.251556 | 0.007959 | 0.035085 |
| 2009 Controlled | 24003 | BNAA | 2265004051 | Lawn and Garden | 0.490161 | 0.002896 | 0.033091 |
| 2009 Controlled | 24003 | BNAA | 2265004055 | Lawn and Garden | 20.79101 | 0.11885 | 0.699205 |
| 2009 Controlled | 24003 | BNAA | 2265004056 | Lawn and Garden | 16.40751 | 0.085427 | 0.245757 |
| 2009 Controlled | 24003 | BNAA | 2265004066 | Lawn and Garden | 1.880366 | 0.019472 | 0.030725 |
| 2009 Controlled | 24003 | BNAA | 2265004071 | Lawn and Garden | 47.46751 | 0.254845 | 0.837874 |
| 2009 Controlled | 24003 | BNAA | 2265004075 | Lawn and Garden | 0.635898 | 0.004063 | 0.03152 |
| 2009 Controlled | 24003 | BNAA | 2265004076 | Lawn and Garden | 1.327213 | 0.008581 | 0.066407 |
| 2009 Controlled | 24003 | BNAA | 2265005010 | Agricultural | 0.002216 | 1.13E-05 | 3.34E-05 |
| 2009 Controlled | 24003 | BNAA | 2265005015 | Agricultural | 0.003086 | 8.37E-05 | 7.66E-05 |
| 2009 Controlled | 24003 | BNAA | 2265005020 | Agricultural | 1.44E-05 | 8.84E-07 | 7.32E-07 |
| 2009 Controlled | 24003 | BNAA | 2265005025 | Agricultural | 0.00155 | 9.54E-05 | 8.97E-05 |
| 2009 Controlled | 24003 | BNAA | 2265005030 | Agricultural | 0.001695 | 9.81E-06 | 3.37E-05 |
| 2009 Controlled | 24003 | BNAA | 2265005035 | Agricultural | 0.013491 | 0.000163 | 0.000522 |
| 2009 Controlled | 24003 | BNAA | 2265005040 | Agricultural | 0.033793 | 0.000202 | 0.001252 |
| 2009 Controlled | 24003 | BNAA | 2265005045 | Agricultural | 0.002459 | 0.000151 | 0.000129 |
| 2009 Controlled | 24003 | BNAA | 2265005055 | Agricultural | 0.005757 | 0.000182 | 0.000199 |
| 2009 Controlled | 24003 | BNAA | 2265005060 | Agricultural | 0.002779 | 0.000127 | 0.000102 |
| 2009 Controlled | 24003 | BNAA | 2265006005 | Commercial | 10.44667 | 0.060008 | 0.315068 |
| 2009 Controlled | 24003 | BNAA | 2265006010 | Commercial | 2.350589 | 0.014944 | 0.061915 |
| 2009 Controlled | 24003 | BNAA | 2265006015 | Commercial | 1.147035 | 0.00967 | 0.025846 |
| 2009 Controlled | 24003 | BNAA | 2265006025 | Commercial | 2.982507 | 0.019947 | 0.055743 |
| 2009 Controlled | 24003 | BNAA | 2265006030 | Commercial | 4.579034 | 0.023165 | 0.134114 |
| 2009 Controlled | 24003 | BNAA | 2265006035 | Commercial | 0.233061 | 0.001186 | 0.00454 |
| 2009 Controlled | 24003 | BNAA | 2265007010 | Logging | 0.058017 | 0.00038 | 0.001902 |
| 2009 Controlled | 24003 | BNAA | 2265007015 | Logging | 0.000695 | 2.85E-06 | 1.59E-05 |
| 2009 Controlled | 24003 | BNAA | 2265008005 | Airport | 0.201293 | 0.004113 | 0.005286 |
| 2009 Controlled | 24003 | BNAA | 2267001060 | Recreational | 0.004262 | 0.000954 | 0.000262 |
| 2009 Controlled | 24003 | BNAA | 2267002003 | Construction and Mining | 0.002034 | 0.000354 | 9.93E-05 |
| 2009 Controlled | 24003 | BNAA | 2267002015 | Construction and Mining | 0.00289 | 0.000429 | 0.00012 |
| 2009 Controlled | 24003 | BNAA | 2267002021 | Construction and Mining | 0.000625 | 0.000129 | 3.57E-05 |
| 2009 Controlled | 24003 | BNAA | 2267002024 | Construction and Mining | 0.000344 | 5.73E-05 | 1.61E-05 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-------------------------|----------|----------|----------|
| 2009 | Controlled | 24003 | BNAA | 2267002030 | Construction and Mining | 0.006389 | 0.001138 | 0.000319 |
| 2009 | Controlled | 24003 | BNAA | 2267002033 | Construction and Mining | 0.00254 | 0.000564 | 0.000154 |
| 2009 | Controlled | 24003 | BNAA | 2267002039 | Construction and Mining | 0.003936 | 0.000499 | 0.000137 |
| 2009 | Controlled | 24003 | BNAA | 2267002045 | Construction and Mining | 0.002555 | 0.000526 | 0.000146 |
| 2009 | Controlled | 24003 | BNAA | 2267002054 | Construction and Mining | 0.00041 | 8.34E-05 | 2.32E-05 |
| 2009 | Controlled | 24003 | BNAA | 2267002057 | Construction and Mining | 0.004281 | 0.000806 | 0.000226 |
| 2009 | Controlled | 24003 | BNAA | 2267002060 | Construction and Mining | 0.009714 | 0.001613 | 0.000457 |
| 2009 | Controlled | 24003 | BNAA | 2267002066 | Construction and Mining | 0.000928 | 0.00014 | 3.97E-05 |
| 2009 | Controlled | 24003 | BNAA | 2267002072 | Construction and Mining | 0.009148 | 0.001816 | 0.000505 |
| 2009 | Controlled | 24003 | BNAA | 2267002081 | Construction and Mining | 0.003896 | 0.000817 | 0.000226 |
| 2009 | Controlled | 24003 | BNAA | 2267003010 | Industrial | 0.027418 | 0.005634 | 0.001557 |
| 2009 | Controlled | 24003 | BNAA | 2267003020 | Industrial | 2.190701 | 0.364151 | 0.102863 |
| 2009 | Controlled | 24003 | BNAA | 2267003030 | Industrial | 0.013514 | 0.001893 | 0.00053 |
| 2009 | Controlled | 24003 | BNAA | 2267003040 | Industrial | 0.004684 | 0.000722 | 0.000203 |
| 2009 | Controlled | 24003 | BNAA | 2267003050 | Industrial | 0.001469 | 0.000298 | 8.27E-05 |
| 2009 | Controlled | 24003 | BNAA | 2267003070 | Industrial | 0.007095 | 0.000789 | 0.000218 |
| 2009 | Controlled | 24003 | BNAA | 2267004066 | Lawn and Garden | 0.083106 | 0.013132 | 0.00371 |
| 2009 | Controlled | 24003 | BNAA | 2267005055 | Agricultural | 9.71E-06 | 2.19E-06 | 6.04E-07 |
| 2009 | Controlled | 24003 | BNAA | 2267005060 | Agricultural | 1.07E-05 | 1.61E-06 | 4.59E-07 |
| 2009 | Controlled | 24003 | BNAA | 2267006005 | Commercial | 0.101798 | 0.031057 | 0.00639 |
| 2009 | Controlled | 24003 | BNAA | 2267006010 | Commercial | 0.02211 | 0.005986 | 0.001242 |
| 2009 | Controlled | 24003 | BNAA | 2267006015 | Commercial | 0.025412 | 0.006253 | 0.001304 |
| 2009 | Controlled | 24003 | BNAA | 2267006025 | Commercial | 0.04542 | 0.008294 | 0.002312 |
| 2009 | Controlled | 24003 | BNAA | 2267006030 | Commercial | 0.000636 | 0.00013 | 3.56E-05 |
| 2009 | Controlled | 24003 | BNAA | 2267006035 | Commercial | 0.000366 | 7.95E-05 | 1.62E-05 |
| 2009 | Controlled | 24003 | BNAA | 2267008005 | Airport | 0.036025 | 0.005678 | 0.0016 |
| 2009 | Controlled | 24003 | BNAA | 2268002081 | Construction and Mining | 0.000153 | 3.22E-05 | 5.24E-07 |
| 2009 | Controlled | 24003 | BNAA | 2268003020 | Industrial | 0.155913 | 0.026085 | 0.000435 |
| 2009 | Controlled | 24003 | BNAA | 2268003030 | Industrial | 0.000176 | 2.93E-05 | 4.88E-07 |
| 2009 | Controlled | 24003 | BNAA | 2268003040 | Industrial | 9.31E-05 | 1.49E-05 | 2.49E-07 |
| 2009 | Controlled | 24003 | BNAA | 2268003060 | Industrial | 0.000498 | 7.32E-05 | 1.21E-06 |
| 2009 | Controlled | 24003 | BNAA | 2268003070 | Industrial | 0.0005 | 5.61E-05 | 9.17E-07 |
| 2009 | Controlled | 24003 | BNAA | 2268005055 | Agricultural | 8.11E-06 | 1.82E-06 | 3.15E-08 |
| 2009 | Controlled | 24003 | BNAA | 2268005060 | Agricultural | 8.59E-05 | 1.91E-05 | 3.32E-07 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Controlled | 24003 | BNAA | 2268006005 | Commercial | 0.030561 | 0.009599 | 0.000117 |
| 2009 Controlled | 24003 | BNAA | 2268006010 | Commercial | 0.001488 | 0.000433 | 5.33E-06 |
| 2009 Controlled | 24003 | BNAA | 2268006015 | Commercial | 0.001964 | 0.000504 | 6.25E-06 |
| 2009 Controlled | 24003 | BNAA | 2268006020 | Commercial | 0.014675 | 0.002817 | 2.84E-05 |
| 2009 Controlled | 24003 | BNAA | 2270001060 | Recreational | 0.012339 | 0.011888 | 0.003232 |
| 2009 Controlled | 24003 | BNAA | 2270002003 | Construction and Mining | 0.019443 | 0.042174 | 0.003486 |
| 2009 Controlled | 24003 | BNAA | 2270002006 | Construction and Mining | 7.08E-05 | 9.55E-05 | 1.48E-05 |
| 2009 Controlled | 24003 | BNAA | 2270002009 | Construction and Mining | 0.001042 | 0.001494 | 0.000232 |
| 2009 Controlled | 24003 | BNAA | 2270002015 | Construction and Mining | 0.057576 | 0.108916 | 0.009445 |
| 2009 Controlled | 24003 | BNAA | 2270002018 | Construction and Mining | 0.052315 | 0.118944 | 0.006887 |
| 2009 Controlled | 24003 | BNAA | 2270002021 | Construction and Mining | 0.00359 | 0.006845 | 0.000631 |
| 2009 Controlled | 24003 | BNAA | 2270002024 | Construction and Mining | 0.002849 | 0.004954 | 0.000429 |
| 2009 Controlled | 24003 | BNAA | 2270002027 | Construction and Mining | 0.007302 | 0.01377 | 0.001858 |
| 2009 Controlled | 24003 | BNAA | 2270002030 | Construction and Mining | 0.035768 | 0.054982 | 0.005488 |
| 2009 Controlled | 24003 | BNAA | 2270002033 | Construction and Mining | 0.022806 | 0.064931 | 0.00547 |
| 2009 Controlled | 24003 | BNAA | 2270002036 | Construction and Mining | 0.160943 | 0.396905 | 0.029968 |
| 2009 Controlled | 24003 | BNAA | 2270002039 | Construction and Mining | 0.002703 | 0.00378 | 0.000404 |
| 2009 Controlled | 24003 | BNAA | 2270002042 | Construction and Mining | 0.00116 | 0.002505 | 0.000283 |
| 2009 Controlled | 24003 | BNAA | 2270002045 | Construction and Mining | 0.028871 | 0.112739 | 0.007693 |
| 2009 Controlled | 24003 | BNAA | 2270002048 | Construction and Mining | 0.035767 | 0.099882 | 0.00754 |
| 2009 Controlled | 24003 | BNAA | 2270002051 | Construction and Mining | 0.132567 | 0.39251 | 0.021862 |
| 2009 Controlled | 24003 | BNAA | 2270002054 | Construction and Mining | 0.006941 | 0.020607 | 0.001517 |
| 2009 Controlled | 24003 | BNAA | 2270002057 | Construction and Mining | 0.092283 | 0.146494 | 0.014168 |
| 2009 Controlled | 24003 | BNAA | 2270002060 | Construction and Mining | 0.218641 | 0.523624 | 0.037432 |
| 2009 Controlled | 24003 | BNAA | 2270002066 | Construction and Mining | 0.336853 | 0.353884 | 0.074874 |
| 2009 Controlled | 24003 | BNAA | 2270002069 | Construction and Mining | 0.18668 | 0.445805 | 0.030552 |
| 2009 Controlled | 24003 | BNAA | 2270002072 | Construction and Mining | 0.289717 | 0.24177 | 0.068243 |
| 2009 Controlled | 24003 | BNAA | 2270002075 | Construction and Mining | 0.025868 | 0.057362 | 0.003776 |
| 2009 Controlled | 24003 | BNAA | 2270002078 | Construction and Mining | 0.000883 | 0.00078 | 0.000226 |
| 2009 Controlled | 24003 | BNAA | 2270002081 | Construction and Mining | 0.026952 | 0.055349 | 0.004052 |
| 2009 Controlled | 24003 | BNAA | 2270003010 | Industrial | 0.007741 | 0.007172 | 0.001967 |
| 2009 Controlled | 24003 | BNAA | 2270003020 | Industrial | 0.048513 | 0.066368 | 0.005619 |
| 2009 Controlled | 24003 | BNAA | 2270003030 | Industrial | 0.011503 | 0.034434 | 0.002784 |
| 2009 Controlled | 24003 | BNAA | 2270003040 | Industrial | 0.012176 | 0.039105 | 0.003194 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Controlled | 24003 | BNAA | 2270003050 | Industrial | 0.001331 | 0.001977 | 0.000359 |
| 2009 Controlled | 24003 | BNAA | 2270003060 | Industrial | 0.092962 | 0.183947 | 0.016412 |
| 2009 Controlled | 24003 | BNAA | 2270003070 | Industrial | 0.018204 | 0.041498 | 0.003393 |
| 2009 Controlled | 24003 | BNAA | 2270004031 | Lawn and Garden | 1.45E-05 | 2.37E-05 | 4.11E-06 |
| 2009 Controlled | 24003 | BNAA | 2270004046 | Lawn and Garden | 0.073488 | 0.138167 | 0.018811 |
| 2009 Controlled | 24003 | BNAA | 2270004056 | Lawn and Garden | 0.01533 | 0.027638 | 0.003895 |
| 2009 Controlled | 24003 | BNAA | 2270004066 | Lawn and Garden | 0.086052 | 0.21008 | 0.020355 |
| 2009 Controlled | 24003 | BNAA | 2270004071 | Lawn and Garden | 0.007538 | 0.019523 | 0.001638 |
| 2009 Controlled | 24003 | BNAA | 2270004076 | Lawn and Garden | 0.000309 | 0.000564 | 7.49E-05 |
| 2009 Controlled | 24003 | BNAA | 2270005010 | Agricultural | 2.61E-06 | 2.08E-06 | 3.37E-07 |
| 2009 Controlled | 24003 | BNAA | 2270005015 | Agricultural | 0.056054 | 0.1061 | 0.010396 |
| 2009 Controlled | 24003 | BNAA | 2270005020 | Agricultural | 0.004313 | 0.011086 | 0.000965 |
| 2009 Controlled | 24003 | BNAA | 2270005025 | Agricultural | 3.71E-05 | 5.28E-05 | 8.57E-06 |
| 2009 Controlled | 24003 | BNAA | 2270005030 | Agricultural | 8.95E-06 | 1.08E-05 | 1.49E-06 |
| 2009 Controlled | 24003 | BNAA | 2270005035 | Agricultural | 0.000446 | 0.000848 | 0.000117 |
| 2009 Controlled | 24003 | BNAA | 2270005040 | Agricultural | 1.26E-06 | 2.15E-06 | 2E-07 |
| 2009 Controlled | 24003 | BNAA | 2270005045 | Agricultural | 0.000493 | 0.000806 | 9.2E-05 |
| 2009 Controlled | 24003 | BNAA | 2270005055 | Agricultural | 0.00116 | 0.00224 | 0.000236 |
| 2009 Controlled | 24003 | BNAA | 2270005060 | Agricultural | 0.000554 | 0.001431 | 0.000141 |
| 2009 Controlled | 24003 | BNAA | 2270006005 | Commercial | 0.071336 | 0.145948 | 0.018378 |
| 2009 Controlled | 24003 | BNAA | 2270006010 | Commercial | 0.016916 | 0.034583 | 0.004122 |
| 2009 Controlled | 24003 | BNAA | 2270006015 | Commercial | 0.036793 | 0.081996 | 0.007937 |
| 2009 Controlled | 24003 | BNAA | 2270006025 | Commercial | 0.055391 | 0.043546 | 0.013477 |
| 2009 Controlled | 24003 | BNAA | 2270006030 | Commercial | 0.002124 | 0.004844 | 0.000601 |
| 2009 Controlled | 24003 | BNAA | 2270006035 | Commercial | 0.001608 | 0.003538 | 0.000351 |
| 2009 Controlled | 24003 | BNAA | 2270007015 | Logging | 0.0045 | 0.011518 | 0.000876 |
| 2009 Controlled | 24003 | BNAA | 2270008005 | Airport | 0.165566 | 0.373382 | 0.027646 |
| 2009 Controlled | 24003 | BNAA | 2282005010 | Pleasure Craft | 7.399184 | 0.198537 | 3.831829 |
| 2009 Controlled | 24003 | BNAA | 2282005015 | Pleasure Craft | 2.885695 | 0.064839 | 1.066864 |
| 2009 Controlled | 24003 | BNAA | 2282010005 | Pleasure Craft | 5.445941 | 0.341469 | 0.443353 |
| 2009 Controlled | 24003 | BNAA | 2282020005 | Pleasure Craft | 0.060094 | 0.359071 | 0.013022 |
| 2009 Controlled | 24003 | BNAA | 2282020010 | Pleasure Craft | 0.000577 | 0.000964 | 0.000179 |
| 2009 Controlled | 24003 | BNAA | 2285002015 | Railroad | 0.003063 | 0.004035 | 0.000718 |
| 2009 Controlled | 24003 | BNAA | 2285004015 | Railroad | 0.009947 | 5.72E-05 | 0.000195 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Controlled | 24003 | BNAA | 2285006015 | Railroad | 3.72E-05 | 7.39E-06 | 2.06E-06 |
| 2009 Controlled | 24005 | BNAA | 2260001010 | Recreational | 0.296901 | 0.001538 | 0.327885 |
| 2009 Controlled | 24005 | BNAA | 2260001030 | Recreational | 0.420526 | 0.002134 | 0.406691 |
| 2009 Controlled | 24005 | BNAA | 2260001060 | Recreational | 0.269105 | 0.001725 | 0.008433 |
| 2009 Controlled | 24005 | BNAA | 2260002006 | Construction and Mining | 0.207217 | 0.000906 | 0.04622 |
| 2009 Controlled | 24005 | BNAA | 2260002009 | Construction and Mining | 0.007726 | 5.92E-05 | 0.001682 |
| 2009 Controlled | 24005 | BNAA | 2260002021 | Construction and Mining | 0.009322 | 7.09E-05 | 0.001988 |
| 2009 Controlled | 24005 | BNAA | 2260002027 | Construction and Mining | 7.31E-05 | 5.36E-07 | 1.7E-05 |
| 2009 Controlled | 24005 | BNAA | 2260002039 | Construction and Mining | 0.536787 | 0.002331 | 0.112739 |
| 2009 Controlled | 24005 | BNAA | 2260002054 | Construction and Mining | 0.001904 | 1.4E-05 | 0.000397 |
| 2009 Controlled | 24005 | BNAA | 2260003030 | Industrial | 0.001211 | 8.88E-06 | 0.000269 |
| 2009 Controlled | 24005 | BNAA | 2260003040 | Industrial | 9.54E-05 | 6.99E-07 | 2.03E-05 |
| 2009 Controlled | 24005 | BNAA | 2260004015 | Lawn and Garden | 0.030902 | 0.000216 | 0.011396 |
| 2009 Controlled | 24005 | BNAA | 2260004016 | Lawn and Garden | 0.173864 | 0.001344 | 0.043031 |
| 2009 Controlled | 24005 | BNAA | 2260004020 | Lawn and Garden | 0.25819 | 0.001959 | 0.099067 |
| 2009 Controlled | 24005 | BNAA | 2260004021 | Lawn and Garden | 2.129895 | 0.009571 | 0.530376 |
| 2009 Controlled | 24005 | BNAA | 2260004025 | Lawn and Garden | 0.533422 | 0.004393 | 0.197814 |
| 2009 Controlled | 24005 | BNAA | 2260004026 | Lawn and Garden | 1.86115 | 0.013451 | 0.439197 |
| 2009 Controlled | 24005 | BNAA | 2260004030 | Lawn and Garden | 0.361571 | 0.002807 | 0.132501 |
| 2009 Controlled | 24005 | BNAA | 2260004031 | Lawn and Garden | 2.077951 | 0.012544 | 0.439374 |
| 2009 Controlled | 24005 | BNAA | 2260004035 | Lawn and Garden | | | 0.042854 |
| 2009 Controlled | 24005 | BNAA | 2260004036 | Lawn and Garden | | | 0.008048 |
| 2009 Controlled | 24005 | BNAA | 2260004071 | Lawn and Garden | 0.000734 | 5.74E-06 | 0.00014 |
| 2009 Controlled | 24005 | BNAA | 2260005035 | Agricultural | 0.000613 | 5.49E-06 | 0.00015 |
| 2009 Controlled | 24005 | BNAA | 2260006005 | Commercial | 0.032245 | 0.000251 | 0.007237 |
| 2009 Controlled | 24005 | BNAA | 2260006010 | Commercial | 0.211826 | 0.00171 | 0.050654 |
| 2009 Controlled | 24005 | BNAA | 2260006015 | Commercial | 8.92E-05 | 6.54E-07 | 1.85E-05 |
| 2009 Controlled | 24005 | BNAA | 2260006035 | Commercial | 0.001403 | 1.03E-05 | 0.00029 |
| 2009 Controlled | 24005 | BNAA | 2260007005 | Logging | 0.011483 | 4.72E-05 | 0.002611 |
| 2009 Controlled | 24005 | BNAA | 2265001010 | Recreational | 0.12806 | 0.00142 | 0.013034 |
| 2009 Controlled | 24005 | BNAA | 2265001030 | Recreational | 1.359837 | 0.012919 | 0.143732 |
| 2009 Controlled | 24005 | BNAA | 2265001050 | Recreational | 4.870768 | 0.022804 | 0.076165 |
| 2009 Controlled | 24005 | BNAA | 2265001060 | Recreational | 0.221201 | 0.001722 | 0.009673 |
| 2009 Controlled | 24005 | BNAA | 2265002003 | Construction and Mining | 0.235345 | 0.001722 | 0.003933 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-------------------------|----------|----------|----------|
| 2009 | Controlled | 24005 | BNAA | 2265002006 | Construction and Mining | 0.001949 | 1.06E-05 | 3.74E-05 |
| 2009 | Controlled | 24005 | BNAA | 2265002009 | Construction and Mining | 0.437117 | 0.002128 | 0.013944 |
| 2009 | Controlled | 24005 | BNAA | 2265002015 | Construction and Mining | 0.43703 | 0.00278 | 0.006592 |
| 2009 | Controlled | 24005 | BNAA | 2265002021 | Construction and Mining | 0.873322 | 0.004798 | 0.021777 |
| 2009 | Controlled | 24005 | BNAA | 2265002024 | Construction and Mining | 0.394537 | 0.001967 | 0.007213 |
| 2009 | Controlled | 24005 | BNAA | 2265002027 | Construction and Mining | 0.020019 | 8.98E-05 | 0.00045 |
| 2009 | Controlled | 24005 | BNAA | 2265002030 | Construction and Mining | 0.713578 | 0.005145 | 0.013547 |
| 2009 | Controlled | 24005 | BNAA | 2265002033 | Construction and Mining | 0.20549 | 0.001867 | 0.009095 |
| 2009 | Controlled | 24005 | BNAA | 2265002039 | Construction and Mining | 1.794056 | 0.009236 | 0.024746 |
| 2009 | Controlled | 24005 | BNAA | 2265002042 | Construction and Mining | 0.743009 | 0.004502 | 0.027582 |
| 2009 | Controlled | 24005 | BNAA | 2265002045 | Construction and Mining | 0.024583 | 0.000938 | 0.000839 |
| 2009 | Controlled | 24005 | BNAA | 2265002054 | Construction and Mining | 0.106771 | 0.000642 | 0.001923 |
| 2009 | Controlled | 24005 | BNAA | 2265002057 | Construction and Mining | 0.025091 | 0.001372 | 0.001034 |
| 2009 | Controlled | 24005 | BNAA | 2265002060 | Construction and Mining | 0.0478 | 0.002725 | 0.001971 |
| 2009 | Controlled | 24005 | BNAA | 2265002066 | Construction and Mining | 0.577546 | 0.003103 | 0.008528 |
| 2009 | Controlled | 24005 | BNAA | 2265002072 | Construction and Mining | 0.233468 | 0.004039 | 0.005682 |
| 2009 | Controlled | 24005 | BNAA | 2265002078 | Construction and Mining | 0.115588 | 0.000756 | 0.004141 |
| 2009 | Controlled | 24005 | BNAA | 2265002081 | Construction and Mining | 0.024722 | 0.001451 | 0.001099 |
| 2009 | Controlled | 24005 | BNAA | 2265003010 | Industrial | 0.17604 | 0.004917 | 0.005446 |
| 2009 | Controlled | 24005 | BNAA | 2265003020 | Industrial | 0.252119 | 0.014347 | 0.010324 |
| 2009 | Controlled | 24005 | BNAA | 2265003030 | Industrial | 0.143454 | 0.001959 | 0.002961 |
| 2009 | Controlled | 24005 | BNAA | 2265003040 | Industrial | 0.438378 | 0.002358 | 0.010022 |
| 2009 | Controlled | 24005 | BNAA | 2265003050 | Industrial | 0.013624 | 0.000317 | 0.000382 |
| 2009 | Controlled | 24005 | BNAA | 2265003060 | Industrial | 0.015286 | 7.83E-05 | 0.000287 |
| 2009 | Controlled | 24005 | BNAA | 2265003070 | Industrial | 0.011879 | 0.00065 | 0.000434 |
| 2009 | Controlled | 24005 | BNAA | 2265004010 | Lawn and Garden | 10.27556 | 0.063163 | 1.015156 |
| 2009 | Controlled | 24005 | BNAA | 2265004011 | Lawn and Garden | 10.42524 | 0.04434 | 0.475768 |
| 2009 | Controlled | 24005 | BNAA | 2265004015 | Lawn and Garden | 0.863106 | 0.005326 | 0.087519 |
| 2009 | Controlled | 24005 | BNAA | 2265004016 | Lawn and Garden | 5.140198 | 0.029373 | 0.318603 |
| 2009 | Controlled | 24005 | BNAA | 2265004025 | Lawn and Garden | 0.057813 | 0.00033 | 0.005931 |
| 2009 | Controlled | 24005 | BNAA | 2265004026 | Lawn and Garden | 0.269915 | 0.001296 | 0.010239 |
| 2009 | Controlled | 24005 | BNAA | 2265004030 | Lawn and Garden | 0.110419 | 0.000631 | 0.010362 |
| 2009 | Controlled | 24005 | BNAA | 2265004031 | Lawn and Garden | 10.8637 | 0.083519 | 0.218685 |
| 2009 | Controlled | 24005 | BNAA | 2265004035 | Lawn and Garden | | | 0.085474 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-------------------------|----------|----------|----------|
| 2009 | Controlled | 24005 | BNAA | 2265004036 | Lawn and Garden | | 0.01791 | |
| 2009 | Controlled | 24005 | BNAA | 2265004040 | Lawn and Garden | 2.570522 | 0.014626 | 0.104201 |
| 2009 | Controlled | 24005 | BNAA | 2265004041 | Lawn and Garden | 1.45085 | 0.00755 | 0.023095 |
| 2009 | Controlled | 24005 | BNAA | 2265004046 | Lawn and Garden | 1.504375 | 0.009567 | 0.042172 |
| 2009 | Controlled | 24005 | BNAA | 2265004051 | Lawn and Garden | 0.589175 | 0.003481 | 0.039775 |
| 2009 | Controlled | 24005 | BNAA | 2265004055 | Lawn and Garden | 34.44845 | 0.196921 | 1.158507 |
| 2009 | Controlled | 24005 | BNAA | 2265004056 | Lawn and Garden | 19.72189 | 0.102683 | 0.295401 |
| 2009 | Controlled | 24005 | BNAA | 2265004066 | Lawn and Garden | 2.260207 | 0.023405 | 0.036931 |
| 2009 | Controlled | 24005 | BNAA | 2265004071 | Lawn and Garden | 57.05611 | 0.306324 | 1.007128 |
| 2009 | Controlled | 24005 | BNAA | 2265004075 | Lawn and Garden | 1.053614 | 0.006733 | 0.052225 |
| 2009 | Controlled | 24005 | BNAA | 2265004076 | Lawn and Garden | 1.595314 | 0.010315 | 0.079821 |
| 2009 | Controlled | 24005 | BNAA | 2265005010 | Agricultural | 0.004533 | 2.3E-05 | 6.83E-05 |
| 2009 | Controlled | 24005 | BNAA | 2265005015 | Agricultural | 0.006312 | 0.000171 | 0.000157 |
| 2009 | Controlled | 24005 | BNAA | 2265005020 | Agricultural | 2.94E-05 | 1.81E-06 | 1.5E-06 |
| 2009 | Controlled | 24005 | BNAA | 2265005025 | Agricultural | 0.003171 | 0.000195 | 0.000184 |
| 2009 | Controlled | 24005 | BNAA | 2265005030 | Agricultural | 0.003467 | 2.01E-05 | 6.9E-05 |
| 2009 | Controlled | 24005 | BNAA | 2265005035 | Agricultural | 0.0276 | 0.000333 | 0.001068 |
| 2009 | Controlled | 24005 | BNAA | 2265005040 | Agricultural | 0.069132 | 0.000414 | 0.002561 |
| 2009 | Controlled | 24005 | BNAA | 2265005045 | Agricultural | 0.005031 | 0.00031 | 0.000264 |
| 2009 | Controlled | 24005 | BNAA | 2265005055 | Agricultural | 0.011777 | 0.000372 | 0.000407 |
| 2009 | Controlled | 24005 | BNAA | 2265005060 | Agricultural | 0.005685 | 0.000261 | 0.000208 |
| 2009 | Controlled | 24005 | BNAA | 2265006005 | Commercial | 15.97912 | 0.091788 | 0.481925 |
| 2009 | Controlled | 24005 | BNAA | 2265006010 | Commercial | 3.595438 | 0.022858 | 0.094705 |
| 2009 | Controlled | 24005 | BNAA | 2265006015 | Commercial | 1.754493 | 0.01479 | 0.039534 |
| 2009 | Controlled | 24005 | BNAA | 2265006025 | Commercial | 4.562014 | 0.030511 | 0.085264 |
| 2009 | Controlled | 24005 | BNAA | 2265006030 | Commercial | 7.004046 | 0.035433 | 0.20514 |
| 2009 | Controlled | 24005 | BNAA | 2265006035 | Commercial | 0.356487 | 0.001815 | 0.006944 |
| 2009 | Controlled | 24005 | BNAA | 2265007010 | Logging | 0.032301 | 0.000211 | 0.001059 |
| 2009 | Controlled | 24005 | BNAA | 2265007015 | Logging | 0.000387 | 1.59E-06 | 8.83E-06 |
| 2009 | Controlled | 24005 | BNAA | 2265008005 | Airport | 0.000145 | 2.95E-06 | 3.8E-06 |
| 2009 | Controlled | 24005 | BNAA | 2265010010 | Industrial | 0.046687 | 0.000219 | 0.000574 |
| 2009 | Controlled | 24005 | BNAA | 2267001060 | Recreational | 0.002131 | 0.000477 | 0.000131 |
| 2009 | Controlled | 24005 | BNAA | 2267002003 | Construction and Mining | 0.004711 | 0.000821 | 0.00023 |
| 2009 | Controlled | 24005 | BNAA | 2267002015 | Construction and Mining | 0.006694 | 0.000995 | 0.000279 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-------------------------|----------|----------|----------|
| 2009 | Controlled | 24005 | BNAA | 2267002021 | Construction and Mining | 0.001448 | 0.000299 | 8.28E-05 |
| 2009 | Controlled | 24005 | BNAA | 2267002024 | Construction and Mining | 0.000797 | 0.000133 | 3.73E-05 |
| 2009 | Controlled | 24005 | BNAA | 2267002030 | Construction and Mining | 0.014799 | 0.002636 | 0.000739 |
| 2009 | Controlled | 24005 | BNAA | 2267002033 | Construction and Mining | 0.005884 | 0.001307 | 0.000357 |
| 2009 | Controlled | 24005 | BNAA | 2267002039 | Construction and Mining | 0.009116 | 0.001157 | 0.000317 |
| 2009 | Controlled | 24005 | BNAA | 2267002045 | Construction and Mining | 0.005918 | 0.001218 | 0.000338 |
| 2009 | Controlled | 24005 | BNAA | 2267002054 | Construction and Mining | 0.000949 | 0.000193 | 5.37E-05 |
| 2009 | Controlled | 24005 | BNAA | 2267002057 | Construction and Mining | 0.009917 | 0.001867 | 0.000523 |
| 2009 | Controlled | 24005 | BNAA | 2267002060 | Construction and Mining | 0.0225 | 0.003737 | 0.001058 |
| 2009 | Controlled | 24005 | BNAA | 2267002066 | Construction and Mining | 0.002151 | 0.000325 | 9.19E-05 |
| 2009 | Controlled | 24005 | BNAA | 2267002072 | Construction and Mining | 0.02119 | 0.004206 | 0.001169 |
| 2009 | Controlled | 24005 | BNAA | 2267002081 | Construction and Mining | 0.009023 | 0.001893 | 0.000523 |
| 2009 | Controlled | 24005 | BNAA | 2267003010 | Industrial | 0.050177 | 0.010311 | 0.002849 |
| 2009 | Controlled | 24005 | BNAA | 2267003020 | Industrial | 4.009156 | 0.666425 | 0.188248 |
| 2009 | Controlled | 24005 | BNAA | 2267003030 | Industrial | 0.024732 | 0.003465 | 0.000969 |
| 2009 | Controlled | 24005 | BNAA | 2267003040 | Industrial | 0.008571 | 0.00132 | 0.000372 |
| 2009 | Controlled | 24005 | BNAA | 2267003050 | Industrial | 0.002689 | 0.000546 | 0.000151 |
| 2009 | Controlled | 24005 | BNAA | 2267003070 | Industrial | 0.012985 | 0.001443 | 0.000399 |
| 2009 | Controlled | 24005 | BNAA | 2267004066 | Lawn and Garden | 0.099894 | 0.015785 | 0.004459 |
| 2009 | Controlled | 24005 | BNAA | 2267005055 | Agricultural | 1.99E-05 | 4.48E-06 | 1.23E-06 |
| 2009 | Controlled | 24005 | BNAA | 2267005060 | Agricultural | 2.2E-05 | 3.3E-06 | 9.38E-07 |
| 2009 | Controlled | 24005 | BNAA | 2267006005 | Commercial | 0.155709 | 0.047505 | 0.009774 |
| 2009 | Controlled | 24005 | BNAA | 2267006010 | Commercial | 0.033819 | 0.009155 | 0.001899 |
| 2009 | Controlled | 24005 | BNAA | 2267006015 | Commercial | 0.038869 | 0.009564 | 0.001995 |
| 2009 | Controlled | 24005 | BNAA | 2267006025 | Commercial | 0.069475 | 0.012687 | 0.003537 |
| 2009 | Controlled | 24005 | BNAA | 2267006030 | Commercial | 0.000973 | 0.000198 | 5.44E-05 |
| 2009 | Controlled | 24005 | BNAA | 2267006035 | Commercial | 0.00056 | 0.000122 | 2.49E-05 |
| 2009 | Controlled | 24005 | BNAA | 2267008005 | Airport | 2.59E-05 | 4.08E-06 | 1.15E-06 |
| 2009 | Controlled | 24005 | BNAA | 2268002081 | Construction and Mining | 0.000355 | 7.45E-05 | 1.21E-06 |
| 2009 | Controlled | 24005 | BNAA | 2268003020 | Industrial | 0.285334 | 0.047737 | 0.000796 |
| 2009 | Controlled | 24005 | BNAA | 2268003030 | Industrial | 0.000322 | 5.35E-05 | 8.94E-07 |
| 2009 | Controlled | 24005 | BNAA | 2268003040 | Industrial | 0.00017 | 2.73E-05 | 4.55E-07 |
| 2009 | Controlled | 24005 | BNAA | 2268003060 | Industrial | 0.000762 | 0.000112 | 1.86E-06 |
| 2009 | Controlled | 24005 | BNAA | 2268003070 | Industrial | 0.000914 | 0.000103 | 1.68E-06 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Controlled | 24005 | BNAA | 2268005055 | Agricultural | 1.66E-05 | 3.73E-06 | 6.45E-08 |
| 2009 Controlled | 24005 | BNAA | 2268005060 | Agricultural | 0.000176 | 3.9E-05 | 6.79E-07 |
| 2009 Controlled | 24005 | BNAA | 2268006005 | Commercial | 0.046746 | 0.014683 | 0.00018 |
| 2009 Controlled | 24005 | BNAA | 2268006010 | Commercial | 0.002276 | 0.000663 | 8.16E-06 |
| 2009 Controlled | 24005 | BNAA | 2268006015 | Commercial | 0.003004 | 0.00077 | 9.56E-06 |
| 2009 Controlled | 24005 | BNAA | 2268006020 | Commercial | 0.022447 | 0.004309 | 4.34E-05 |
| 2009 Controlled | 24005 | BNAA | 2268010010 | Industrial | 0.000911 | 0.000122 | 1.51E-06 |
| 2009 Controlled | 24005 | BNAA | 2270001060 | Recreational | 0.00617 | 0.005944 | 0.001616 |
| 2009 Controlled | 24005 | BNAA | 2270002003 | Construction and Mining | 0.045035 | 0.097689 | 0.008074 |
| 2009 Controlled | 24005 | BNAA | 2270002006 | Construction and Mining | 0.000164 | 0.000221 | 3.43E-05 |
| 2009 Controlled | 24005 | BNAA | 2270002009 | Construction and Mining | 0.002415 | 0.00346 | 0.000537 |
| 2009 Controlled | 24005 | BNAA | 2270002015 | Construction and Mining | 0.133364 | 0.252284 | 0.021878 |
| 2009 Controlled | 24005 | BNAA | 2270002018 | Construction and Mining | 0.121178 | 0.275512 | 0.015952 |
| 2009 Controlled | 24005 | BNAA | 2270002021 | Construction and Mining | 0.008315 | 0.015855 | 0.001462 |
| 2009 Controlled | 24005 | BNAA | 2270002024 | Construction and Mining | 0.006599 | 0.011474 | 0.000994 |
| 2009 Controlled | 24005 | BNAA | 2270002027 | Construction and Mining | 0.016914 | 0.031895 | 0.004303 |
| 2009 Controlled | 24005 | BNAA | 2270002030 | Construction and Mining | 0.082851 | 0.127356 | 0.012711 |
| 2009 Controlled | 24005 | BNAA | 2270002033 | Construction and Mining | 0.052826 | 0.1504 | 0.012671 |
| 2009 Controlled | 24005 | BNAA | 2270002036 | Construction and Mining | 0.372796 | 0.919356 | 0.069416 |
| 2009 Controlled | 24005 | BNAA | 2270002039 | Construction and Mining | 0.006262 | 0.008756 | 0.000936 |
| 2009 Controlled | 24005 | BNAA | 2270002042 | Construction and Mining | 0.002687 | 0.005801 | 0.000656 |
| 2009 Controlled | 24005 | BNAA | 2270002045 | Construction and Mining | 0.066875 | 0.261138 | 0.01782 |
| 2009 Controlled | 24005 | BNAA | 2270002048 | Construction and Mining | 0.082848 | 0.231359 | 0.017466 |
| 2009 Controlled | 24005 | BNAA | 2270002051 | Construction and Mining | 0.307067 | 0.909178 | 0.050639 |
| 2009 Controlled | 24005 | BNAA | 2270002054 | Construction and Mining | 0.016077 | 0.047731 | 0.003515 |
| 2009 Controlled | 24005 | BNAA | 2270002057 | Construction and Mining | 0.213756 | 0.339326 | 0.032817 |
| 2009 Controlled | 24005 | BNAA | 2270002060 | Construction and Mining | 0.506442 | 1.212879 | 0.086705 |
| 2009 Controlled | 24005 | BNAA | 2270002066 | Construction and Mining | 0.780258 | 0.819707 | 0.173431 |
| 2009 Controlled | 24005 | BNAA | 2270002069 | Construction and Mining | 0.43241 | 1.032625 | 0.070767 |
| 2009 Controlled | 24005 | BNAA | 2270002072 | Construction and Mining | 0.671077 | 0.560016 | 0.158073 |
| 2009 Controlled | 24005 | BNAA | 2270002075 | Construction and Mining | 0.059917 | 0.132869 | 0.008747 |
| 2009 Controlled | 24005 | BNAA | 2270002078 | Construction and Mining | 0.002046 | 0.001806 | 0.000524 |
| 2009 Controlled | 24005 | BNAA | 2270002081 | Construction and Mining | 0.062429 | 0.128207 | 0.009386 |
| 2009 Controlled | 24005 | BNAA | 2270003010 | Industrial | 0.014166 | 0.013126 | 0.0036 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Controlled | 24005 | BNAA | 2270003020 | Industrial | 0.088783 | 0.121459 | 0.010284 |
| 2009 Controlled | 24005 | BNAA | 2270003030 | Industrial | 0.021051 | 0.063018 | 0.005095 |
| 2009 Controlled | 24005 | BNAA | 2270003040 | Industrial | 0.022282 | 0.071565 | 0.005846 |
| 2009 Controlled | 24005 | BNAA | 2270003050 | Industrial | 0.002435 | 0.003618 | 0.000657 |
| 2009 Controlled | 24005 | BNAA | 2270003060 | Industrial | 0.142314 | 0.281599 | 0.025125 |
| 2009 Controlled | 24005 | BNAA | 2270003070 | Industrial | 0.033314 | 0.075945 | 0.00621 |
| 2009 Controlled | 24005 | BNAA | 2270004031 | Lawn and Garden | 1.74E-05 | 2.85E-05 | 4.94E-06 |
| 2009 Controlled | 24005 | BNAA | 2270004046 | Lawn and Garden | 0.088333 | 0.166078 | 0.022611 |
| 2009 Controlled | 24005 | BNAA | 2270004056 | Lawn and Garden | 0.018427 | 0.033221 | 0.004682 |
| 2009 Controlled | 24005 | BNAA | 2270004066 | Lawn and Garden | 0.103435 | 0.252517 | 0.024467 |
| 2009 Controlled | 24005 | BNAA | 2270004071 | Lawn and Garden | 0.009061 | 0.023467 | 0.001968 |
| 2009 Controlled | 24005 | BNAA | 2270004076 | Lawn and Garden | 0.000371 | 0.000678 | 9E-05 |
| 2009 Controlled | 24005 | BNAA | 2270005010 | Agricultural | 5.34E-06 | 4.25E-06 | 6.9E-07 |
| 2009 Controlled | 24005 | BNAA | 2270005015 | Agricultural | 0.114673 | 0.217054 | 0.021268 |
| 2009 Controlled | 24005 | BNAA | 2270005020 | Agricultural | 0.008823 | 0.022679 | 0.001973 |
| 2009 Controlled | 24005 | BNAA | 2270005025 | Agricultural | 7.58E-05 | 0.000108 | 1.75E-05 |
| 2009 Controlled | 24005 | BNAA | 2270005030 | Agricultural | 1.83E-05 | 2.2E-05 | 3.04E-06 |
| 2009 Controlled | 24005 | BNAA | 2270005035 | Agricultural | 0.000912 | 0.001735 | 0.000239 |
| 2009 Controlled | 24005 | BNAA | 2270005040 | Agricultural | 2.57E-06 | 4.4E-06 | 4.09E-07 |
| 2009 Controlled | 24005 | BNAA | 2270005045 | Agricultural | 0.001008 | 0.00165 | 0.000188 |
| 2009 Controlled | 24005 | BNAA | 2270005055 | Agricultural | 0.002374 | 0.004582 | 0.000482 |
| 2009 Controlled | 24005 | BNAA | 2270005060 | Agricultural | 0.001134 | 0.002927 | 0.000289 |
| 2009 Controlled | 24005 | BNAA | 2270006005 | Commercial | 0.109115 | 0.22324 | 0.028111 |
| 2009 Controlled | 24005 | BNAA | 2270006010 | Commercial | 0.025874 | 0.052898 | 0.006305 |
| 2009 Controlled | 24005 | BNAA | 2270006015 | Commercial | 0.056278 | 0.125421 | 0.01214 |
| 2009 Controlled | 24005 | BNAA | 2270006025 | Commercial | 0.084726 | 0.066607 | 0.020614 |
| 2009 Controlled | 24005 | BNAA | 2270006030 | Commercial | 0.003249 | 0.007409 | 0.000919 |
| 2009 Controlled | 24005 | BNAA | 2270006035 | Commercial | 0.00246 | 0.005411 | 0.000537 |
| 2009 Controlled | 24005 | BNAA | 2270007015 | Logging | 0.002505 | 0.006413 | 0.000488 |
| 2009 Controlled | 24005 | BNAA | 2270008005 | Airport | 0.000119 | 0.000268 | 1.99E-05 |
| 2009 Controlled | 24005 | BNAA | 2270010010 | Industrial | 0.000675 | 0.002461 | 0.000157 |
| 2009 Controlled | 24005 | BNAA | 2282005010 | Pleasure Craft | 5.696197 | 0.152842 | 2.9499 |
| 2009 Controlled | 24005 | BNAA | 2282005015 | Pleasure Craft | 2.221527 | 0.049916 | 0.821316 |
| 2009 Controlled | 24005 | BNAA | 2282010005 | Pleasure Craft | 3.119192 | 0.195578 | 0.253933 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Controlled | 24005 | BNAA | 2282020005 | Pleasure Craft | 0.034419 | 0.20566 | 0.007458 |
| 2009 Controlled | 24005 | BNAA | 2282020010 | Pleasure Craft | 0.000444 | 0.000742 | 0.000138 |
| 2009 Controlled | 24005 | BNAA | 2285002015 | Railroad | 0.005914 | 0.007791 | 0.001387 |
| 2009 Controlled | 24005 | BNAA | 2285004015 | Railroad | 0.019206 | 0.00011 | 0.000377 |
| 2009 Controlled | 24005 | BNAA | 2285006015 | Railroad | 7.18E-05 | 1.43E-05 | 3.98E-06 |
| 2009 Controlled | 24013 | BNAA | 2260001010 | Recreational | 0.296901 | 0.001538 | 0.327885 |
| 2009 Controlled | 24013 | BNAA | 2260001030 | Recreational | 0.420526 | 0.002134 | 0.406691 |
| 2009 Controlled | 24013 | BNAA | 2260001060 | Recreational | 0.269105 | 0.001725 | 0.008433 |
| 2009 Controlled | 24013 | BNAA | 2260002006 | Construction and Mining | 0.026289 | 0.000115 | 0.005864 |
| 2009 Controlled | 24013 | BNAA | 2260002009 | Construction and Mining | 0.00098 | 7.51E-06 | 0.000213 |
| 2009 Controlled | 24013 | BNAA | 2260002021 | Construction and Mining | 0.001183 | 9E-06 | 0.000252 |
| 2009 Controlled | 24013 | BNAA | 2260002027 | Construction and Mining | 9.28E-06 | 6.8E-08 | 2.16E-06 |
| 2009 Controlled | 24013 | BNAA | 2260002039 | Construction and Mining | 0.068101 | 0.000296 | 0.014303 |
| 2009 Controlled | 24013 | BNAA | 2260002054 | Construction and Mining | 0.000242 | 1.77E-06 | 5.03E-05 |
| 2009 Controlled | 24013 | BNAA | 2260003030 | Industrial | 0.000169 | 1.24E-06 | 3.74E-05 |
| 2009 Controlled | 24013 | BNAA | 2260003040 | Industrial | 1.33E-05 | 9.75E-08 | 2.84E-06 |
| 2009 Controlled | 24013 | BNAA | 2260004015 | Lawn and Garden | 0.00551 | 3.86E-05 | 0.002032 |
| 2009 Controlled | 24013 | BNAA | 2260004016 | Lawn and Garden | 0.054815 | 0.000424 | 0.013567 |
| 2009 Controlled | 24013 | BNAA | 2260004020 | Lawn and Garden | 0.046038 | 0.000349 | 0.017665 |
| 2009 Controlled | 24013 | BNAA | 2260004021 | Lawn and Garden | 0.671509 | 0.003018 | 0.167216 |
| 2009 Controlled | 24013 | BNAA | 2260004025 | Lawn and Garden | 0.095114 | 0.000783 | 0.035272 |
| 2009 Controlled | 24013 | BNAA | 2260004026 | Lawn and Garden | 0.586779 | 0.004241 | 0.138469 |
| 2009 Controlled | 24013 | BNAA | 2260004030 | Lawn and Garden | 0.064472 | 0.0005 | 0.023626 |
| 2009 Controlled | 24013 | BNAA | 2260004031 | Lawn and Garden | 0.655132 | 0.003955 | 0.138525 |
| 2009 Controlled | 24013 | BNAA | 2260004035 | Lawn and Garden | | | 0.007641 |
| 2009 Controlled | 24013 | BNAA | 2260004036 | Lawn and Garden | | | 0.002537 |
| 2009 Controlled | 24013 | BNAA | 2260004071 | Lawn and Garden | 0.000232 | 1.81E-06 | 4.42E-05 |
| 2009 Controlled | 24013 | BNAA | 2260005035 | Agricultural | 0.001589 | 1.42E-05 | 0.000389 |
| 2009 Controlled | 24013 | BNAA | 2260006005 | Commercial | 0.00531 | 4.14E-05 | 0.001192 |
| 2009 Controlled | 24013 | BNAA | 2260006010 | Commercial | 0.034884 | 0.000282 | 0.008342 |
| 2009 Controlled | 24013 | BNAA | 2260006015 | Commercial | 1.47E-05 | 1.08E-07 | 3.05E-06 |
| 2009 Controlled | 24013 | BNAA | 2260006035 | Commercial | 0.000231 | 1.69E-06 | 4.77E-05 |
| 2009 Controlled | 24013 | BNAA | 2260007005 | Logging | 0.008648 | 3.56E-05 | 0.001966 |
| 2009 Controlled | 24013 | BNAA | 2265001010 | Recreational | 0.12806 | 0.00142 | 0.013034 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-------------------------|----------|----------|----------|
| 2009 | Controlled | 24013 | BNAA | 2265001030 | Recreational | 1.359837 | 0.012919 | 0.143732 |
| 2009 | Controlled | 24013 | BNAA | 2265001050 | Recreational | 1.794493 | 0.008402 | 0.028061 |
| 2009 | Controlled | 24013 | BNAA | 2265001060 | Recreational | 0.221201 | 0.001722 | 0.009673 |
| 2009 | Controlled | 24013 | BNAA | 2265002003 | Construction and Mining | 0.029858 | 0.000218 | 0.000499 |
| 2009 | Controlled | 24013 | BNAA | 2265002006 | Construction and Mining | 0.000247 | 1.34E-06 | 4.75E-06 |
| 2009 | Controlled | 24013 | BNAA | 2265002009 | Construction and Mining | 0.055456 | 0.00027 | 0.001769 |
| 2009 | Controlled | 24013 | BNAA | 2265002015 | Construction and Mining | 0.055445 | 0.000353 | 0.000836 |
| 2009 | Controlled | 24013 | BNAA | 2265002021 | Construction and Mining | 0.110797 | 0.000609 | 0.002763 |
| 2009 | Controlled | 24013 | BNAA | 2265002024 | Construction and Mining | 0.050054 | 0.00025 | 0.000915 |
| 2009 | Controlled | 24013 | BNAA | 2265002027 | Construction and Mining | 0.00254 | 1.14E-05 | 5.7E-05 |
| 2009 | Controlled | 24013 | BNAA | 2265002030 | Construction and Mining | 0.090531 | 0.000653 | 0.001719 |
| 2009 | Controlled | 24013 | BNAA | 2265002033 | Construction and Mining | 0.02607 | 0.000237 | 0.001154 |
| 2009 | Controlled | 24013 | BNAA | 2265002039 | Construction and Mining | 0.22761 | 0.001172 | 0.00314 |
| 2009 | Controlled | 24013 | BNAA | 2265002042 | Construction and Mining | 0.094265 | 0.000571 | 0.003499 |
| 2009 | Controlled | 24013 | BNAA | 2265002045 | Construction and Mining | 0.003119 | 0.000119 | 0.000106 |
| 2009 | Controlled | 24013 | BNAA | 2265002054 | Construction and Mining | 0.013546 | 8.15E-05 | 0.000244 |
| 2009 | Controlled | 24013 | BNAA | 2265002057 | Construction and Mining | 0.003183 | 0.000174 | 0.000131 |
| 2009 | Controlled | 24013 | BNAA | 2265002060 | Construction and Mining | 0.006064 | 0.000346 | 0.00025 |
| 2009 | Controlled | 24013 | BNAA | 2265002066 | Construction and Mining | 0.073273 | 0.000394 | 0.001082 |
| 2009 | Controlled | 24013 | BNAA | 2265002072 | Construction and Mining | 0.02962 | 0.000512 | 0.000721 |
| 2009 | Controlled | 24013 | BNAA | 2265002078 | Construction and Mining | 0.014665 | 9.6E-05 | 0.000525 |
| 2009 | Controlled | 24013 | BNAA | 2265002081 | Construction and Mining | 0.003136 | 0.000184 | 0.000139 |
| 2009 | Controlled | 24013 | BNAA | 2265003010 | Industrial | 0.024535 | 0.000685 | 0.000759 |
| 2009 | Controlled | 24013 | BNAA | 2265003020 | Industrial | 0.035138 | 0.002 | 0.001439 |
| 2009 | Controlled | 24013 | BNAA | 2265003030 | Industrial | 0.019993 | 0.000273 | 0.000413 |
| 2009 | Controlled | 24013 | BNAA | 2265003040 | Industrial | 0.061097 | 0.000329 | 0.001397 |
| 2009 | Controlled | 24013 | BNAA | 2265003050 | Industrial | 0.001899 | 4.42E-05 | 5.32E-05 |
| 2009 | Controlled | 24013 | BNAA | 2265003060 | Industrial | 0.003169 | 1.62E-05 | 5.94E-05 |
| 2009 | Controlled | 24013 | BNAA | 2265003070 | Industrial | 0.001656 | 9.05E-05 | 6.05E-05 |
| 2009 | Controlled | 24013 | BNAA | 2265004010 | Lawn and Garden | 1.832232 | 0.011263 | 0.181012 |
| 2009 | Controlled | 24013 | BNAA | 2265004011 | Lawn and Garden | 3.286847 | 0.013979 | 0.149999 |
| 2009 | Controlled | 24013 | BNAA | 2265004015 | Lawn and Garden | 0.1539 | 0.00095 | 0.015606 |
| 2009 | Controlled | 24013 | BNAA | 2265004016 | Lawn and Garden | 1.62059 | 0.009261 | 0.100449 |
| 2009 | Controlled | 24013 | BNAA | 2265004025 | Lawn and Garden | 0.010309 | 5.88E-05 | 0.001058 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-----------------|----------|----------|----------|
| 2009 | Controlled | 24013 | BNAA | 2265004026 | Lawn and Garden | 0.085098 | 0.000409 | 0.003228 |
| 2009 | Controlled | 24013 | BNAA | 2265004030 | Lawn and Garden | 0.019689 | 0.000112 | 0.001848 |
| 2009 | Controlled | 24013 | BNAA | 2265004031 | Lawn and Garden | 3.425083 | 0.026332 | 0.068947 |
| 2009 | Controlled | 24013 | BNAA | 2265004035 | Lawn and Garden | | | 0.015241 |
| 2009 | Controlled | 24013 | BNAA | 2265004036 | Lawn and Garden | | | 0.005646 |
| 2009 | Controlled | 24013 | BNAA | 2265004040 | Lawn and Garden | 0.458349 | 0.002608 | 0.01858 |
| 2009 | Controlled | 24013 | BNAA | 2265004041 | Lawn and Garden | 0.457421 | 0.00238 | 0.007281 |
| 2009 | Controlled | 24013 | BNAA | 2265004046 | Lawn and Garden | 0.474296 | 0.003016 | 0.013296 |
| 2009 | Controlled | 24013 | BNAA | 2265004051 | Lawn and Garden | 0.185754 | 0.001097 | 0.01254 |
| 2009 | Controlled | 24013 | BNAA | 2265004055 | Lawn and Garden | 6.142495 | 0.035113 | 0.206573 |
| 2009 | Controlled | 24013 | BNAA | 2265004056 | Lawn and Garden | 6.217873 | 0.032374 | 0.093133 |
| 2009 | Controlled | 24013 | BNAA | 2265004066 | Lawn and Garden | 0.712593 | 0.007379 | 0.011644 |
| 2009 | Controlled | 24013 | BNAA | 2265004071 | Lawn and Garden | 17.98852 | 0.096577 | 0.317525 |
| 2009 | Controlled | 24013 | BNAA | 2265004075 | Lawn and Garden | 0.18787 | 0.0012 | 0.009312 |
| 2009 | Controlled | 24013 | BNAA | 2265004076 | Lawn and Garden | 0.502967 | 0.003252 | 0.025166 |
| 2009 | Controlled | 24013 | BNAA | 2265005010 | Agricultural | 0.011751 | 5.97E-05 | 0.000177 |
| 2009 | Controlled | 24013 | BNAA | 2265005015 | Agricultural | 0.016363 | 0.000444 | 0.000406 |
| 2009 | Controlled | 24013 | BNAA | 2265005020 | Agricultural | 7.61E-05 | 4.69E-06 | 3.88E-06 |
| 2009 | Controlled | 24013 | BNAA | 2265005025 | Agricultural | 0.008219 | 0.000506 | 0.000476 |
| 2009 | Controlled | 24013 | BNAA | 2265005030 | Agricultural | 0.008988 | 5.2E-05 | 0.000179 |
| 2009 | Controlled | 24013 | BNAA | 2265005035 | Agricultural | 0.071548 | 0.000862 | 0.002769 |
| 2009 | Controlled | 24013 | BNAA | 2265005040 | Agricultural | 0.179209 | 0.001073 | 0.006638 |
| 2009 | Controlled | 24013 | BNAA | 2265005045 | Agricultural | 0.013043 | 0.000803 | 0.000684 |
| 2009 | Controlled | 24013 | BNAA | 2265005055 | Agricultural | 0.030528 | 0.000964 | 0.001056 |
| 2009 | Controlled | 24013 | BNAA | 2265005060 | Agricultural | 0.014736 | 0.000675 | 0.00054 |
| 2009 | Controlled | 24013 | BNAA | 2265006005 | Commercial | 2.631482 | 0.015116 | 0.079365 |
| 2009 | Controlled | 24013 | BNAA | 2265006010 | Commercial | 0.592106 | 0.003764 | 0.015596 |
| 2009 | Controlled | 24013 | BNAA | 2265006015 | Commercial | 0.288934 | 0.002436 | 0.00651 |
| 2009 | Controlled | 24013 | BNAA | 2265006025 | Commercial | 0.751284 | 0.005025 | 0.014041 |
| 2009 | Controlled | 24013 | BNAA | 2265006030 | Commercial | 1.153444 | 0.005835 | 0.033783 |
| 2009 | Controlled | 24013 | BNAA | 2265006035 | Commercial | 0.058707 | 0.000299 | 0.001144 |
| 2009 | Controlled | 24013 | BNAA | 2265007010 | Logging | 0.024327 | 0.000159 | 0.000798 |
| 2009 | Controlled | 24013 | BNAA | 2265007015 | Logging | 0.000291 | 1.2E-06 | 6.65E-06 |
| 2009 | Controlled | 24013 | BNAA | 2265008005 | Airport | 5.45E-05 | 1.11E-06 | 1.43E-06 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-------------------------|----------|----------|----------|
| 2009 | Controlled | 24013 | BNAA | 2265010010 | Industrial | 0.046687 | 0.000219 | 0.000574 |
| 2009 | Controlled | 24013 | BNAA | 2267001060 | Recreational | 0.002131 | 0.000477 | 0.000131 |
| 2009 | Controlled | 24013 | BNAA | 2267002003 | Construction and Mining | 0.000598 | 0.000104 | 2.92E-05 |
| 2009 | Controlled | 24013 | BNAA | 2267002015 | Construction and Mining | 0.000849 | 0.000126 | 3.54E-05 |
| 2009 | Controlled | 24013 | BNAA | 2267002021 | Construction and Mining | 0.000184 | 3.79E-05 | 1.05E-05 |
| 2009 | Controlled | 24013 | BNAA | 2267002024 | Construction and Mining | 0.000101 | 1.68E-05 | 4.73E-06 |
| 2009 | Controlled | 24013 | BNAA | 2267002030 | Construction and Mining | 0.001878 | 0.000334 | 9.38E-05 |
| 2009 | Controlled | 24013 | BNAA | 2267002033 | Construction and Mining | 0.000747 | 0.000166 | 4.53E-05 |
| 2009 | Controlled | 24013 | BNAA | 2267002039 | Construction and Mining | 0.001157 | 0.000147 | 4.02E-05 |
| 2009 | Controlled | 24013 | BNAA | 2267002045 | Construction and Mining | 0.000751 | 0.000154 | 4.28E-05 |
| 2009 | Controlled | 24013 | BNAA | 2267002054 | Construction and Mining | 0.00012 | 2.45E-05 | 6.81E-06 |
| 2009 | Controlled | 24013 | BNAA | 2267002057 | Construction and Mining | 0.001258 | 0.000237 | 6.63E-05 |
| 2009 | Controlled | 24013 | BNAA | 2267002060 | Construction and Mining | 0.002855 | 0.000474 | 0.000134 |
| 2009 | Controlled | 24013 | BNAA | 2267002066 | Construction and Mining | 0.000273 | 4.12E-05 | 1.17E-05 |
| 2009 | Controlled | 24013 | BNAA | 2267002072 | Construction and Mining | 0.002688 | 0.000534 | 0.000148 |
| 2009 | Controlled | 24013 | BNAA | 2267002081 | Construction and Mining | 0.001145 | 0.00024 | 6.64E-05 |
| 2009 | Controlled | 24013 | BNAA | 2267003010 | Industrial | 0.006993 | 0.001437 | 0.000397 |
| 2009 | Controlled | 24013 | BNAA | 2267003020 | Industrial | 0.558761 | 0.092881 | 0.026236 |
| 2009 | Controlled | 24013 | BNAA | 2267003030 | Industrial | 0.003447 | 0.000483 | 0.000135 |
| 2009 | Controlled | 24013 | BNAA | 2267003040 | Industrial | 0.001195 | 0.000184 | 5.18E-05 |
| 2009 | Controlled | 24013 | BNAA | 2267003050 | Industrial | 0.000375 | 7.61E-05 | 2.11E-05 |
| 2009 | Controlled | 24013 | BNAA | 2267003070 | Industrial | 0.00181 | 0.000201 | 5.56E-05 |
| 2009 | Controlled | 24013 | BNAA | 2267004066 | Lawn and Garden | 0.031494 | 0.004977 | 0.001406 |
| 2009 | Controlled | 24013 | BNAA | 2267005055 | Agricultural | 5.15E-05 | 1.16E-05 | 3.2E-06 |
| 2009 | Controlled | 24013 | BNAA | 2267005060 | Agricultural | 5.7E-05 | 8.55E-06 | 2.43E-06 |
| 2009 | Controlled | 24013 | BNAA | 2267006005 | Commercial | 0.025643 | 0.007823 | 0.00161 |
| 2009 | Controlled | 24013 | BNAA | 2267006010 | Commercial | 0.005569 | 0.001508 | 0.000313 |
| 2009 | Controlled | 24013 | BNAA | 2267006015 | Commercial | 0.006401 | 0.001575 | 0.000329 |
| 2009 | Controlled | 24013 | BNAA | 2267006025 | Commercial | 0.011441 | 0.002089 | 0.000582 |
| 2009 | Controlled | 24013 | BNAA | 2267006030 | Commercial | 0.00016 | 3.27E-05 | 8.96E-06 |
| 2009 | Controlled | 24013 | BNAA | 2267006035 | Commercial | 9.23E-05 | 2E-05 | 4.09E-06 |
| 2009 | Controlled | 24013 | BNAA | 2267008005 | Airport | 9.76E-06 | 1.54E-06 | 4.34E-07 |
| 2009 | Controlled | 24013 | BNAA | 2268002081 | Construction and Mining | 4.5E-05 | 9.45E-06 | 1.54E-07 |
| 2009 | Controlled | 24013 | BNAA | 2268003020 | Industrial | 0.039767 | 0.006653 | 0.000111 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Controlled | 24013 | BNAA | 2268003030 | Industrial | 4.49E-05 | 7.46E-06 | 1.25E-07 |
| 2009 Controlled | 24013 | BNAA | 2268003040 | Industrial | 2.38E-05 | 3.8E-06 | 6.34E-08 |
| 2009 Controlled | 24013 | BNAA | 2268003060 | Industrial | 0.000158 | 2.32E-05 | 3.85E-07 |
| 2009 Controlled | 24013 | BNAA | 2268003070 | Industrial | 0.000127 | 1.43E-05 | 2.34E-07 |
| 2009 Controlled | 24013 | BNAA | 2268005055 | Agricultural | 4.3E-05 | 9.67E-06 | 1.67E-07 |
| 2009 Controlled | 24013 | BNAA | 2268005060 | Agricultural | 0.000456 | 0.000101 | 1.76E-06 |
| 2009 Controlled | 24013 | BNAA | 2268006005 | Commercial | 0.007698 | 0.002418 | 2.96E-05 |
| 2009 Controlled | 24013 | BNAA | 2268006010 | Commercial | 0.000375 | 0.000109 | 1.34E-06 |
| 2009 Controlled | 24013 | BNAA | 2268006015 | Commercial | 0.000495 | 0.000127 | 1.57E-06 |
| 2009 Controlled | 24013 | BNAA | 2268006020 | Commercial | 0.003697 | 0.00071 | 7.14E-06 |
| 2009 Controlled | 24013 | BNAA | 2268010010 | Industrial | 0.000911 | 0.000122 | 1.51E-06 |
| 2009 Controlled | 24013 | BNAA | 2270001060 | Recreational | 0.00617 | 0.005944 | 0.001616 |
| 2009 Controlled | 24013 | BNAA | 2270002003 | Construction and Mining | 0.005714 | 0.012394 | 0.001024 |
| 2009 Controlled | 24013 | BNAA | 2270002006 | Construction and Mining | 2.08E-05 | 2.81E-05 | 4.36E-06 |
| 2009 Controlled | 24013 | BNAA | 2270002009 | Construction and Mining | 0.000306 | 0.000439 | 6.81E-05 |
| 2009 Controlled | 24013 | BNAA | 2270002015 | Construction and Mining | 0.01692 | 0.032007 | 0.002776 |
| 2009 Controlled | 24013 | BNAA | 2270002018 | Construction and Mining | 0.015374 | 0.034954 | 0.002024 |
| 2009 Controlled | 24013 | BNAA | 2270002021 | Construction and Mining | 0.001055 | 0.002011 | 0.000185 |
| 2009 Controlled | 24013 | BNAA | 2270002024 | Construction and Mining | 0.000837 | 0.001456 | 0.000126 |
| 2009 Controlled | 24013 | BNAA | 2270002027 | Construction and Mining | 0.002146 | 0.004046 | 0.000546 |
| 2009 Controlled | 24013 | BNAA | 2270002030 | Construction and Mining | 0.010511 | 0.016158 | 0.001613 |
| 2009 Controlled | 24013 | BNAA | 2270002033 | Construction and Mining | 0.006702 | 0.019081 | 0.001608 |
| 2009 Controlled | 24013 | BNAA | 2270002036 | Construction and Mining | 0.047296 | 0.116638 | 0.008807 |
| 2009 Controlled | 24013 | BNAA | 2270002039 | Construction and Mining | 0.000794 | 0.001111 | 0.000119 |
| 2009 Controlled | 24013 | BNAA | 2270002042 | Construction and Mining | 0.000341 | 0.000736 | 8.32E-05 |
| 2009 Controlled | 24013 | BNAA | 2270002045 | Construction and Mining | 0.008484 | 0.03313 | 0.002261 |
| 2009 Controlled | 24013 | BNAA | 2270002048 | Construction and Mining | 0.010511 | 0.029352 | 0.002216 |
| 2009 Controlled | 24013 | BNAA | 2270002051 | Construction and Mining | 0.038957 | 0.115346 | 0.006424 |
| 2009 Controlled | 24013 | BNAA | 2270002054 | Construction and Mining | 0.00204 | 0.006056 | 0.000446 |
| 2009 Controlled | 24013 | BNAA | 2270002057 | Construction and Mining | 0.027119 | 0.04305 | 0.004163 |
| 2009 Controlled | 24013 | BNAA | 2270002060 | Construction and Mining | 0.064252 | 0.153876 | 0.011 |
| 2009 Controlled | 24013 | BNAA | 2270002066 | Construction and Mining | 0.09899 | 0.103995 | 0.022003 |
| 2009 Controlled | 24013 | BNAA | 2270002069 | Construction and Mining | 0.054859 | 0.131008 | 0.008978 |
| 2009 Controlled | 24013 | BNAA | 2270002072 | Construction and Mining | 0.085139 | 0.071049 | 0.020054 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Controlled | 24013 | BNAA | 2270002075 | Construction and Mining | 0.007602 | 0.016857 | 0.00111 |
| 2009 Controlled | 24013 | BNAA | 2270002078 | Construction and Mining | 0.00026 | 0.000229 | 6.65E-05 |
| 2009 Controlled | 24013 | BNAA | 2270002081 | Construction and Mining | 0.00792 | 0.016265 | 0.001191 |
| 2009 Controlled | 24013 | BNAA | 2270003010 | Industrial | 0.001974 | 0.001829 | 0.000502 |
| 2009 Controlled | 24013 | BNAA | 2270003020 | Industrial | 0.012374 | 0.016928 | 0.001433 |
| 2009 Controlled | 24013 | BNAA | 2270003030 | Industrial | 0.002934 | 0.008783 | 0.00071 |
| 2009 Controlled | 24013 | BNAA | 2270003040 | Industrial | 0.003106 | 0.009974 | 0.000815 |
| 2009 Controlled | 24013 | BNAA | 2270003050 | Industrial | 0.000339 | 0.000504 | 9.15E-05 |
| 2009 Controlled | 24013 | BNAA | 2270003060 | Industrial | 0.029499 | 0.058371 | 0.005208 |
| 2009 Controlled | 24013 | BNAA | 2270003070 | Industrial | 0.004643 | 0.010585 | 0.000866 |
| 2009 Controlled | 24013 | BNAA | 2270004031 | Lawn and Garden | 5.48E-06 | 8.99E-06 | 1.56E-06 |
| 2009 Controlled | 24013 | BNAA | 2270004046 | Lawn and Garden | 0.027849 | 0.052361 | 0.007129 |
| 2009 Controlled | 24013 | BNAA | 2270004056 | Lawn and Garden | 0.00581 | 0.010474 | 0.001476 |
| 2009 Controlled | 24013 | BNAA | 2270004066 | Lawn and Garden | 0.032611 | 0.079613 | 0.007714 |
| 2009 Controlled | 24013 | BNAA | 2270004071 | Lawn and Garden | 0.002857 | 0.007399 | 0.000621 |
| 2009 Controlled | 24013 | BNAA | 2270004076 | Lawn and Garden | 0.000117 | 0.000214 | 2.84E-05 |
| 2009 Controlled | 24013 | BNAA | 2270005010 | Agricultural | 1.39E-05 | 1.1E-05 | 1.79E-06 |
| 2009 Controlled | 24013 | BNAA | 2270005015 | Agricultural | 0.297264 | 0.562665 | 0.055132 |
| 2009 Controlled | 24013 | BNAA | 2270005020 | Agricultural | 0.022873 | 0.058789 | 0.005116 |
| 2009 Controlled | 24013 | BNAA | 2270005025 | Agricultural | 0.000197 | 0.00028 | 4.55E-05 |
| 2009 Controlled | 24013 | BNAA | 2270005030 | Agricultural | 4.74E-05 | 5.71E-05 | 7.89E-06 |
| 2009 Controlled | 24013 | BNAA | 2270005035 | Agricultural | 0.002365 | 0.004498 | 0.00062 |
| 2009 Controlled | 24013 | BNAA | 2270005040 | Agricultural | 6.66E-06 | 1.14E-05 | 1.06E-06 |
| 2009 Controlled | 24013 | BNAA | 2270005045 | Agricultural | 0.002613 | 0.004277 | 0.000488 |
| 2009 Controlled | 24013 | BNAA | 2270005055 | Agricultural | 0.006153 | 0.011879 | 0.00125 |
| 2009 Controlled | 24013 | BNAA | 2270005060 | Agricultural | 0.00294 | 0.007589 | 0.000748 |
| 2009 Controlled | 24013 | BNAA | 2270006005 | Commercial | 0.017969 | 0.036764 | 0.004629 |
| 2009 Controlled | 24013 | BNAA | 2270006010 | Commercial | 0.004261 | 0.008711 | 0.001038 |
| 2009 Controlled | 24013 | BNAA | 2270006015 | Commercial | 0.009268 | 0.020655 | 0.001999 |
| 2009 Controlled | 24013 | BNAA | 2270006025 | Commercial | 0.013953 | 0.010969 | 0.003395 |
| 2009 Controlled | 24013 | BNAA | 2270006030 | Commercial | 0.000535 | 0.00122 | 0.000151 |
| 2009 Controlled | 24013 | BNAA | 2270006035 | Commercial | 0.000405 | 0.000891 | 8.85E-05 |
| 2009 Controlled | 24013 | BNAA | 2270007015 | Logging | 0.001887 | 0.004829 | 0.000367 |
| 2009 Controlled | 24013 | BNAA | 2270008005 | Airport | 4.49E-05 | 0.000101 | 7.49E-06 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Controlled | 24013 | BNAA | 2270010010 | Industrial | 0.000675 | 0.002461 | 0.000157 |
| 2009 Controlled | 24013 | BNAA | 2282005010 | Pleasure Craft | 0.469789 | 0.012606 | 0.243291 |
| 2009 Controlled | 24013 | BNAA | 2282005015 | Pleasure Craft | 0.183219 | 0.004117 | 0.067737 |
| 2009 Controlled | 24013 | BNAA | 2282010005 | Pleasure Craft | 0.134884 | 0.008457 | 0.010981 |
| 2009 Controlled | 24013 | BNAA | 2282020005 | Pleasure Craft | 0.001488 | 0.008893 | 0.000323 |
| 2009 Controlled | 24013 | BNAA | 2282020010 | Pleasure Craft | 3.66E-05 | 6.12E-05 | 1.14E-05 |
| 2009 Controlled | 24013 | BNAA | 2285002015 | Railroad | 0.001696 | 0.002234 | 0.000398 |
| 2009 Controlled | 24013 | BNAA | 2285004015 | Railroad | 0.005507 | 3.17E-05 | 0.000108 |
| 2009 Controlled | 24013 | BNAA | 2285006015 | Railroad | 2.06E-05 | 4.09E-06 | 1.14E-06 |
| 2009 Controlled | 24025 | BNAA | 2260001010 | Recreational | 0.494834 | 0.002563 | 0.546475 |
| 2009 Controlled | 24025 | BNAA | 2260001030 | Recreational | 0.700876 | 0.003556 | 0.677818 |
| 2009 Controlled | 24025 | BNAA | 2260001060 | Recreational | 0.448509 | 0.002876 | 0.014054 |
| 2009 Controlled | 24025 | BNAA | 2260002006 | Construction and Mining | 0.055394 | 0.000242 | 0.012356 |
| 2009 Controlled | 24025 | BNAA | 2260002009 | Construction and Mining | 0.002065 | 1.58E-05 | 0.00045 |
| 2009 Controlled | 24025 | BNAA | 2260002021 | Construction and Mining | 0.002492 | 1.9E-05 | 0.000532 |
| 2009 Controlled | 24025 | BNAA | 2260002027 | Construction and Mining | 1.95E-05 | 1.43E-07 | 4.55E-06 |
| 2009 Controlled | 24025 | BNAA | 2260002039 | Construction and Mining | 0.143495 | 0.000623 | 0.030138 |
| 2009 Controlled | 24025 | BNAA | 2260002054 | Construction and Mining | 0.000509 | 3.73E-06 | 0.000106 |
| 2009 Controlled | 24025 | BNAA | 2260003030 | Industrial | 0.000273 | 2E-06 | 6.05E-05 |
| 2009 Controlled | 24025 | BNAA | 2260003040 | Industrial | 2.15E-05 | 1.57E-07 | 4.58E-06 |
| 2009 Controlled | 24025 | BNAA | 2260004015 | Lawn and Garden | 0.008403 | 5.88E-05 | 0.003099 |
| 2009 Controlled | 24025 | BNAA | 2260004016 | Lawn and Garden | 0.039965 | 0.000309 | 0.009891 |
| 2009 Controlled | 24025 | BNAA | 2260004020 | Lawn and Garden | 0.070204 | 0.000533 | 0.026937 |
| 2009 Controlled | 24025 | BNAA | 2260004021 | Lawn and Garden | 0.48958 | 0.0022 | 0.121913 |
| 2009 Controlled | 24025 | BNAA | 2260004025 | Lawn and Garden | 0.145043 | 0.001194 | 0.053788 |
| 2009 Controlled | 24025 | BNAA | 2260004026 | Lawn and Garden | 0.427806 | 0.003092 | 0.100954 |
| 2009 Controlled | 24025 | BNAA | 2260004030 | Lawn and Garden | 0.098315 | 0.000763 | 0.036028 |
| 2009 Controlled | 24025 | BNAA | 2260004031 | Lawn and Garden | 0.47764 | 0.002883 | 0.100995 |
| 2009 Controlled | 24025 | BNAA | 2260004035 | Lawn and Garden | | | 0.011652 |
| 2009 Controlled | 24025 | BNAA | 2260004036 | Lawn and Garden | | | 0.00185 |
| 2009 Controlled | 24025 | BNAA | 2260004071 | Lawn and Garden | 0.000169 | 1.32E-06 | 3.22E-05 |
| 2009 Controlled | 24025 | BNAA | 2260005035 | Agricultural | 0.000724 | 6.48E-06 | 0.000177 |
| 2009 Controlled | 24025 | BNAA | 2260006005 | Commercial | 0.007198 | 5.61E-05 | 0.001615 |
| 2009 Controlled | 24025 | BNAA | 2260006010 | Commercial | 0.047283 | 0.000382 | 0.011307 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Controlled | 24025 | BNAA | 2260006015 | Commercial | 1.99E-05 | 1.46E-07 | 4.13E-06 |
| 2009 Controlled | 24025 | BNAA | 2260006035 | Commercial | 0.000313 | 2.3E-06 | 6.46E-05 |
| 2009 Controlled | 24025 | BNAA | 2260007005 | Logging | 0.013063 | 5.37E-05 | 0.00297 |
| 2009 Controlled | 24025 | BNAA | 2265001010 | Recreational | 0.213433 | 0.002367 | 0.021723 |
| 2009 Controlled | 24025 | BNAA | 2265001030 | Recreational | 2.266396 | 0.021531 | 0.239554 |
| 2009 Controlled | 24025 | BNAA | 2265001050 | Recreational | 2.307206 | 0.010802 | 0.036078 |
| 2009 Controlled | 24025 | BNAA | 2265001060 | Recreational | 0.368669 | 0.002869 | 0.016122 |
| 2009 Controlled | 24025 | BNAA | 2265002003 | Construction and Mining | 0.062913 | 0.00046 | 0.001051 |
| 2009 Controlled | 24025 | BNAA | 2265002006 | Construction and Mining | 0.000521 | 2.83E-06 | 1E-05 |
| 2009 Controlled | 24025 | BNAA | 2265002009 | Construction and Mining | 0.116851 | 0.000569 | 0.003728 |
| 2009 Controlled | 24025 | BNAA | 2265002015 | Construction and Mining | 0.116828 | 0.000743 | 0.001762 |
| 2009 Controlled | 24025 | BNAA | 2265002021 | Construction and Mining | 0.233459 | 0.001283 | 0.005822 |
| 2009 Controlled | 24025 | BNAA | 2265002024 | Construction and Mining | 0.105469 | 0.000526 | 0.001928 |
| 2009 Controlled | 24025 | BNAA | 2265002027 | Construction and Mining | 0.005352 | 2.4E-05 | 0.00012 |
| 2009 Controlled | 24025 | BNAA | 2265002030 | Construction and Mining | 0.190755 | 0.001375 | 0.003622 |
| 2009 Controlled | 24025 | BNAA | 2265002033 | Construction and Mining | 0.054932 | 0.000499 | 0.002431 |
| 2009 Controlled | 24025 | BNAA | 2265002039 | Construction and Mining | 0.479591 | 0.002469 | 0.006615 |
| 2009 Controlled | 24025 | BNAA | 2265002042 | Construction and Mining | 0.198623 | 0.001203 | 0.007373 |
| 2009 Controlled | 24025 | BNAA | 2265002045 | Construction and Mining | 0.006572 | 0.000251 | 0.000224 |
| 2009 Controlled | 24025 | BNAA | 2265002054 | Construction and Mining | 0.028542 | 0.000172 | 0.000514 |
| 2009 Controlled | 24025 | BNAA | 2265002057 | Construction and Mining | 0.006707 | 0.000367 | 0.000276 |
| 2009 Controlled | 24025 | BNAA | 2265002060 | Construction and Mining | 0.012778 | 0.000728 | 0.000527 |
| 2009 Controlled | 24025 | BNAA | 2265002066 | Construction and Mining | 0.154391 | 0.000829 | 0.00228 |
| 2009 Controlled | 24025 | BNAA | 2265002072 | Construction and Mining | 0.062411 | 0.00108 | 0.001519 |
| 2009 Controlled | 24025 | BNAA | 2265002078 | Construction and Mining | 0.030899 | 0.000202 | 0.001107 |
| 2009 Controlled | 24025 | BNAA | 2265002081 | Construction and Mining | 0.006609 | 0.000388 | 0.000294 |
| 2009 Controlled | 24025 | BNAA | 2265003010 | Industrial | 0.039621 | 0.001107 | 0.001226 |
| 2009 Controlled | 24025 | BNAA | 2265003020 | Industrial | 0.056744 | 0.003229 | 0.002324 |
| 2009 Controlled | 24025 | BNAA | 2265003030 | Industrial | 0.032287 | 0.000441 | 0.000666 |
| 2009 Controlled | 24025 | BNAA | 2265003040 | Industrial | 0.098665 | 0.000531 | 0.002256 |
| 2009 Controlled | 24025 | BNAA | 2265003050 | Industrial | 0.003066 | 7.14E-05 | 8.6E-05 |
| 2009 Controlled | 24025 | BNAA | 2265003060 | Industrial | 0.004522 | 2.31E-05 | 8.48E-05 |
| 2009 Controlled | 24025 | BNAA | 2265003070 | Industrial | 0.002674 | 0.000146 | 9.77E-05 |
| 2009 Controlled | 24025 | BNAA | 2265004010 | Lawn and Garden | 2.794031 | 0.017175 | 0.276031 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Controlled | 24025 | BNAA | 2265004011 | Lawn and Garden | 2.396358 | 0.010192 | 0.10936 |
| 2009 Controlled | 24025 | BNAA | 2265004015 | Lawn and Garden | 0.234687 | 0.001448 | 0.023797 |
| 2009 Controlled | 24025 | BNAA | 2265004016 | Lawn and Garden | 1.181532 | 0.006752 | 0.073234 |
| 2009 Controlled | 24025 | BNAA | 2265004025 | Lawn and Garden | 0.01572 | 8.97E-05 | 0.001613 |
| 2009 Controlled | 24025 | BNAA | 2265004026 | Lawn and Garden | 0.062043 | 0.000298 | 0.002354 |
| 2009 Controlled | 24025 | BNAA | 2265004030 | Lawn and Garden | 0.030024 | 0.000172 | 0.002817 |
| 2009 Controlled | 24025 | BNAA | 2265004031 | Lawn and Garden | 2.497142 | 0.019198 | 0.050267 |
| 2009 Controlled | 24025 | BNAA | 2265004035 | Lawn and Garden | | | 0.023241 |
| 2009 Controlled | 24025 | BNAA | 2265004036 | Lawn and Garden | | | 0.004117 |
| 2009 Controlled | 24025 | BNAA | 2265004040 | Lawn and Garden | 0.698952 | 0.003977 | 0.028333 |
| 2009 Controlled | 24025 | BNAA | 2265004041 | Lawn and Garden | 0.333494 | 0.001736 | 0.005309 |
| 2009 Controlled | 24025 | BNAA | 2265004046 | Lawn and Garden | 0.345797 | 0.002199 | 0.009694 |
| 2009 Controlled | 24025 | BNAA | 2265004051 | Lawn and Garden | 0.135428 | 0.0008 | 0.009143 |
| 2009 Controlled | 24025 | BNAA | 2265004055 | Lawn and Garden | 9.366892 | 0.053545 | 0.31501 |
| 2009 Controlled | 24025 | BNAA | 2265004056 | Lawn and Garden | 4.533295 | 0.023603 | 0.067901 |
| 2009 Controlled | 24025 | BNAA | 2265004066 | Lawn and Garden | 0.519534 | 0.00538 | 0.008489 |
| 2009 Controlled | 24025 | BNAA | 2265004071 | Lawn and Garden | 13.11498 | 0.070412 | 0.231499 |
| 2009 Controlled | 24025 | BNAA | 2265004075 | Lawn and Garden | 0.286489 | 0.001831 | 0.014201 |
| 2009 Controlled | 24025 | BNAA | 2265004076 | Lawn and Garden | 0.366701 | 0.002371 | 0.018348 |
| 2009 Controlled | 24025 | BNAA | 2265005010 | Agricultural | 0.005353 | 2.72E-05 | 8.07E-05 |
| 2009 Controlled | 24025 | BNAA | 2265005015 | Agricultural | 0.007454 | 0.000202 | 0.000185 |
| 2009 Controlled | 24025 | BNAA | 2265005020 | Agricultural | 3.47E-05 | 2.13E-06 | 1.77E-06 |
| 2009 Controlled | 24025 | BNAA | 2265005025 | Agricultural | 0.003744 | 0.000231 | 0.000217 |
| 2009 Controlled | 24025 | BNAA | 2265005030 | Agricultural | 0.004094 | 2.37E-05 | 8.14E-05 |
| 2009 Controlled | 24025 | BNAA | 2265005035 | Agricultural | 0.032592 | 0.000393 | 0.001261 |
| 2009 Controlled | 24025 | BNAA | 2265005040 | Agricultural | 0.081634 | 0.000489 | 0.003024 |
| 2009 Controlled | 24025 | BNAA | 2265005045 | Agricultural | 0.005941 | 0.000366 | 0.000312 |
| 2009 Controlled | 24025 | BNAA | 2265005055 | Agricultural | 0.013906 | 0.000439 | 0.000481 |
| 2009 Controlled | 24025 | BNAA | 2265005060 | Agricultural | 0.006713 | 0.000308 | 0.000246 |
| 2009 Controlled | 24025 | BNAA | 2265006005 | Commercial | 3.566768 | 0.020488 | 0.107573 |
| 2009 Controlled | 24025 | BNAA | 2265006010 | Commercial | 0.802553 | 0.005102 | 0.021139 |
| 2009 Controlled | 24025 | BNAA | 2265006015 | Commercial | 0.391628 | 0.003301 | 0.008824 |
| 2009 Controlled | 24025 | BNAA | 2265006025 | Commercial | 1.018307 | 0.006811 | 0.019032 |
| 2009 Controlled | 24025 | BNAA | 2265006030 | Commercial | 1.563403 | 0.007909 | 0.04579 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-------------------------|----------|----------|----------|
| 2009 | Controlled | 24025 | BNAA | 2265006035 | Commercial | 0.079573 | 0.000405 | 0.00155 |
| 2009 | Controlled | 24025 | BNAA | 2265007010 | Logging | 0.036748 | 0.000241 | 0.001205 |
| 2009 | Controlled | 24025 | BNAA | 2265007015 | Logging | 0.00044 | 1.81E-06 | 1E-05 |
| 2009 | Controlled | 24025 | BNAA | 2265010010 | Industrial | 0.021221 | 9.94E-05 | 0.000261 |
| 2009 | Controlled | 24025 | BNAA | 2267001060 | Recreational | 0.003551 | 0.000795 | 0.000218 |
| 2009 | Controlled | 24025 | BNAA | 2267002003 | Construction and Mining | 0.001259 | 0.000219 | 6.15E-05 |
| 2009 | Controlled | 24025 | BNAA | 2267002015 | Construction and Mining | 0.001789 | 0.000266 | 7.46E-05 |
| 2009 | Controlled | 24025 | BNAA | 2267002021 | Construction and Mining | 0.000387 | 7.98E-05 | 2.21E-05 |
| 2009 | Controlled | 24025 | BNAA | 2267002024 | Construction and Mining | 0.000213 | 3.55E-05 | 9.97E-06 |
| 2009 | Controlled | 24025 | BNAA | 2267002030 | Construction and Mining | 0.003956 | 0.000705 | 0.000198 |
| 2009 | Controlled | 24025 | BNAA | 2267002033 | Construction and Mining | 0.001573 | 0.000349 | 9.55E-05 |
| 2009 | Controlled | 24025 | BNAA | 2267002039 | Construction and Mining | 0.002437 | 0.000309 | 8.47E-05 |
| 2009 | Controlled | 24025 | BNAA | 2267002045 | Construction and Mining | 0.001582 | 0.000326 | 9.03E-05 |
| 2009 | Controlled | 24025 | BNAA | 2267002054 | Construction and Mining | 0.000254 | 5.17E-05 | 1.43E-05 |
| 2009 | Controlled | 24025 | BNAA | 2267002057 | Construction and Mining | 0.002651 | 0.000499 | 0.00014 |
| 2009 | Controlled | 24025 | BNAA | 2267002060 | Construction and Mining | 0.006015 | 0.000999 | 0.000283 |
| 2009 | Controlled | 24025 | BNAA | 2267002066 | Construction and Mining | 0.000575 | 8.68E-05 | 2.46E-05 |
| 2009 | Controlled | 24025 | BNAA | 2267002072 | Construction and Mining | 0.005665 | 0.001124 | 0.000313 |
| 2009 | Controlled | 24025 | BNAA | 2267002081 | Construction and Mining | 0.002412 | 0.000506 | 0.00014 |
| 2009 | Controlled | 24025 | BNAA | 2267003010 | Industrial | 0.011293 | 0.002321 | 0.000641 |
| 2009 | Controlled | 24025 | BNAA | 2267003020 | Industrial | 0.902336 | 0.149992 | 0.042369 |
| 2009 | Controlled | 24025 | BNAA | 2267003030 | Industrial | 0.005566 | 0.00078 | 0.000218 |
| 2009 | Controlled | 24025 | BNAA | 2267003040 | Industrial | 0.001929 | 0.000297 | 8.37E-05 |
| 2009 | Controlled | 24025 | BNAA | 2267003050 | Industrial | 0.000605 | 0.000123 | 3.4E-05 |
| 2009 | Controlled | 24025 | BNAA | 2267003070 | Industrial | 0.002922 | 0.000325 | 8.97E-05 |
| 2009 | Controlled | 24025 | BNAA | 2267004066 | Lawn and Garden | 0.022962 | 0.003628 | 0.001025 |
| 2009 | Controlled | 24025 | BNAA | 2267005055 | Agricultural | 2.35E-05 | 5.29E-06 | 1.46E-06 |
| 2009 | Controlled | 24025 | BNAA | 2267005060 | Agricultural | 2.6E-05 | 3.89E-06 | 1.11E-06 |
| 2009 | Controlled | 24025 | BNAA | 2267006005 | Commercial | 0.034757 | 0.010604 | 0.002182 |
| 2009 | Controlled | 24025 | BNAA | 2267006010 | Commercial | 0.007549 | 0.002044 | 0.000424 |
| 2009 | Controlled | 24025 | BNAA | 2267006015 | Commercial | 0.008676 | 0.002135 | 0.000445 |
| 2009 | Controlled | 24025 | BNAA | 2267006025 | Commercial | 0.015508 | 0.002832 | 0.000789 |
| 2009 | Controlled | 24025 | BNAA | 2267006030 | Commercial | 0.000217 | 4.43E-05 | 1.22E-05 |
| 2009 | Controlled | 24025 | BNAA | 2267006035 | Commercial | 0.000125 | 2.71E-05 | 5.55E-06 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-------------------------|----------|----------|----------|
| 2009 | Controlled | 24025 | BNAA | 2268002081 | Construction and Mining | 9.48E-05 | 1.99E-05 | 3.24E-07 |
| 2009 | Controlled | 24025 | BNAA | 2268003020 | Industrial | 0.06422 | 0.010744 | 0.000179 |
| 2009 | Controlled | 24025 | BNAA | 2268003030 | Industrial | 7.26E-05 | 1.21E-05 | 2.01E-07 |
| 2009 | Controlled | 24025 | BNAA | 2268003040 | Industrial | 3.84E-05 | 6.14E-06 | 1.02E-07 |
| 2009 | Controlled | 24025 | BNAA | 2268003060 | Industrial | 0.000225 | 3.32E-05 | 5.49E-07 |
| 2009 | Controlled | 24025 | BNAA | 2268003070 | Industrial | 0.000206 | 2.31E-05 | 3.78E-07 |
| 2009 | Controlled | 24025 | BNAA | 2268005055 | Agricultural | 1.96E-05 | 4.4E-06 | 7.62E-08 |
| 2009 | Controlled | 24025 | BNAA | 2268005060 | Agricultural | 0.000208 | 4.61E-05 | 8.01E-07 |
| 2009 | Controlled | 24025 | BNAA | 2268006005 | Commercial | 0.010434 | 0.003278 | 4.01E-05 |
| 2009 | Controlled | 24025 | BNAA | 2268006010 | Commercial | 0.000508 | 0.000148 | 1.82E-06 |
| 2009 | Controlled | 24025 | BNAA | 2268006015 | Commercial | 0.000671 | 0.000172 | 2.13E-06 |
| 2009 | Controlled | 24025 | BNAA | 2268006020 | Commercial | 0.005011 | 0.000962 | 9.68E-06 |
| 2009 | Controlled | 24025 | BNAA | 2268010010 | Industrial | 0.000414 | 5.55E-05 | 6.87E-07 |
| 2009 | Controlled | 24025 | BNAA | 2270001060 | Recreational | 0.010283 | 0.009907 | 0.002693 |
| 2009 | Controlled | 24025 | BNAA | 2270002003 | Construction and Mining | 0.012039 | 0.026114 | 0.002158 |
| 2009 | Controlled | 24025 | BNAA | 2270002006 | Construction and Mining | 4.39E-05 | 5.91E-05 | 9.18E-06 |
| 2009 | Controlled | 24025 | BNAA | 2270002009 | Construction and Mining | 0.000646 | 0.000925 | 0.000143 |
| 2009 | Controlled | 24025 | BNAA | 2270002015 | Construction and Mining | 0.035651 | 0.067441 | 0.005848 |
| 2009 | Controlled | 24025 | BNAA | 2270002018 | Construction and Mining | 0.032394 | 0.073651 | 0.004264 |
| 2009 | Controlled | 24025 | BNAA | 2270002021 | Construction and Mining | 0.002223 | 0.004238 | 0.000391 |
| 2009 | Controlled | 24025 | BNAA | 2270002024 | Construction and Mining | 0.001764 | 0.003067 | 0.000266 |
| 2009 | Controlled | 24025 | BNAA | 2270002027 | Construction and Mining | 0.004521 | 0.008526 | 0.00115 |
| 2009 | Controlled | 24025 | BNAA | 2270002030 | Construction and Mining | 0.022148 | 0.034045 | 0.003398 |
| 2009 | Controlled | 24025 | BNAA | 2270002033 | Construction and Mining | 0.014122 | 0.040205 | 0.003387 |
| 2009 | Controlled | 24025 | BNAA | 2270002036 | Construction and Mining | 0.099657 | 0.245764 | 0.018556 |
| 2009 | Controlled | 24025 | BNAA | 2270002039 | Construction and Mining | 0.001674 | 0.002341 | 0.00025 |
| 2009 | Controlled | 24025 | BNAA | 2270002042 | Construction and Mining | 0.000718 | 0.001551 | 0.000175 |
| 2009 | Controlled | 24025 | BNAA | 2270002045 | Construction and Mining | 0.017877 | 0.069808 | 0.004764 |
| 2009 | Controlled | 24025 | BNAA | 2270002048 | Construction and Mining | 0.022147 | 0.061847 | 0.004669 |
| 2009 | Controlled | 24025 | BNAA | 2270002051 | Construction and Mining | 0.082086 | 0.243044 | 0.013537 |
| 2009 | Controlled | 24025 | BNAA | 2270002054 | Construction and Mining | 0.004298 | 0.01276 | 0.00094 |
| 2009 | Controlled | 24025 | BNAA | 2270002057 | Construction and Mining | 0.057142 | 0.090709 | 0.008773 |
| 2009 | Controlled | 24025 | BNAA | 2270002060 | Construction and Mining | 0.135383 | 0.32423 | 0.023178 |
| 2009 | Controlled | 24025 | BNAA | 2270002066 | Construction and Mining | 0.208581 | 0.219126 | 0.046362 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Controlled | 24025 | BNAA | 2270002069 | Construction and Mining | 0.115593 | 0.276044 | 0.018918 |
| 2009 Controlled | 24025 | BNAA | 2270002072 | Construction and Mining | 0.179394 | 0.149705 | 0.042256 |
| 2009 Controlled | 24025 | BNAA | 2270002075 | Construction and Mining | 0.016017 | 0.035519 | 0.002338 |
| 2009 Controlled | 24025 | BNAA | 2270002078 | Construction and Mining | 0.000547 | 0.000483 | 0.00014 |
| 2009 Controlled | 24025 | BNAA | 2270002081 | Construction and Mining | 0.016689 | 0.034273 | 0.002509 |
| 2009 Controlled | 24025 | BNAA | 2270003010 | Industrial | 0.003188 | 0.002954 | 0.00081 |
| 2009 Controlled | 24025 | BNAA | 2270003020 | Industrial | 0.019982 | 0.027337 | 0.002315 |
| 2009 Controlled | 24025 | BNAA | 2270003030 | Industrial | 0.004738 | 0.014183 | 0.001147 |
| 2009 Controlled | 24025 | BNAA | 2270003040 | Industrial | 0.005015 | 0.016107 | 0.001316 |
| 2009 Controlled | 24025 | BNAA | 2270003050 | Industrial | 0.000548 | 0.000814 | 0.000148 |
| 2009 Controlled | 24025 | BNAA | 2270003060 | Industrial | 0.042097 | 0.083298 | 0.007432 |
| 2009 Controlled | 24025 | BNAA | 2270003070 | Industrial | 0.007498 | 0.017093 | 0.001398 |
| 2009 Controlled | 24025 | BNAA | 2270004031 | Lawn and Garden | 3.99E-06 | 6.56E-06 | 1.13E-06 |
| 2009 Controlled | 24025 | BNAA | 2270004046 | Lawn and Garden | 0.020304 | 0.038175 | 0.005197 |
| 2009 Controlled | 24025 | BNAA | 2270004056 | Lawn and Garden | 0.004236 | 0.007636 | 0.001076 |
| 2009 Controlled | 24025 | BNAA | 2270004066 | Lawn and Garden | 0.023776 | 0.058044 | 0.005624 |
| 2009 Controlled | 24025 | BNAA | 2270004071 | Lawn and Garden | 0.002083 | 0.005394 | 0.000452 |
| 2009 Controlled | 24025 | BNAA | 2270004076 | Lawn and Garden | 8.52E-05 | 0.000156 | 2.07E-05 |
| 2009 Controlled | 24025 | BNAA | 2270005010 | Agricultural | 6.31E-06 | 5.02E-06 | 8.14E-07 |
| 2009 Controlled | 24025 | BNAA | 2270005015 | Agricultural | 0.135412 | 0.256309 | 0.025114 |
| 2009 Controlled | 24025 | BNAA | 2270005020 | Agricultural | 0.010419 | 0.02678 | 0.00233 |
| 2009 Controlled | 24025 | BNAA | 2270005025 | Agricultural | 8.96E-05 | 0.000127 | 2.07E-05 |
| 2009 Controlled | 24025 | BNAA | 2270005030 | Agricultural | 2.16E-05 | 2.6E-05 | 3.6E-06 |
| 2009 Controlled | 24025 | BNAA | 2270005035 | Agricultural | 0.001077 | 0.002049 | 0.000283 |
| 2009 Controlled | 24025 | BNAA | 2270005040 | Agricultural | 3.03E-06 | 5.2E-06 | 4.83E-07 |
| 2009 Controlled | 24025 | BNAA | 2270005045 | Agricultural | 0.00119 | 0.001948 | 0.000222 |
| 2009 Controlled | 24025 | BNAA | 2270005055 | Agricultural | 0.002803 | 0.005411 | 0.000569 |
| 2009 Controlled | 24025 | BNAA | 2270005060 | Agricultural | 0.001339 | 0.003457 | 0.000341 |
| 2009 Controlled | 24025 | BNAA | 2270006005 | Commercial | 0.024356 | 0.04983 | 0.006275 |
| 2009 Controlled | 24025 | BNAA | 2270006010 | Commercial | 0.005775 | 0.011808 | 0.001407 |
| 2009 Controlled | 24025 | BNAA | 2270006015 | Commercial | 0.012562 | 0.027996 | 0.00271 |
| 2009 Controlled | 24025 | BNAA | 2270006025 | Commercial | 0.018912 | 0.014868 | 0.004601 |
| 2009 Controlled | 24025 | BNAA | 2270006030 | Commercial | 0.000725 | 0.001654 | 0.000205 |
| 2009 Controlled | 24025 | BNAA | 2270006035 | Commercial | 0.000549 | 0.001208 | 0.00012 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-------------------------|----------|----------|----------|
| 2009 | Controlled | 24025 | BNAA | 2270007015 | Logging | 0.00285 | 0.007295 | 0.000555 |
| 2009 | Controlled | 24025 | BNAA | 2270010010 | Industrial | 0.000307 | 0.001119 | 7.13E-05 |
| 2009 | Controlled | 24025 | BNAA | 2282005010 | Pleasure Craft | 4.345552 | 0.116601 | 2.250439 |
| 2009 | Controlled | 24025 | BNAA | 2282005015 | Pleasure Craft | 1.694773 | 0.03808 | 0.626571 |
| 2009 | Controlled | 24025 | BNAA | 2282010005 | Pleasure Craft | 2.815703 | 0.176549 | 0.229226 |
| 2009 | Controlled | 24025 | BNAA | 2282020005 | Pleasure Craft | 0.03107 | 0.18565 | 0.006732 |
| 2009 | Controlled | 24025 | BNAA | 2282020010 | Pleasure Craft | 0.000339 | 0.000566 | 0.000105 |
| 2009 | Controlled | 24025 | BNAA | 2285002015 | Railroad | 0.003095 | 0.004078 | 0.000726 |
| 2009 | Controlled | 24025 | BNAA | 2285004015 | Railroad | 0.010053 | 5.78E-05 | 0.000198 |
| 2009 | Controlled | 24025 | BNAA | 2285006015 | Railroad | 3.76E-05 | 7.47E-06 | 2.08E-06 |
| 2009 | Controlled | 24027 | BNAA | 2260001010 | Recreational | 0.098967 | 0.000513 | 0.109295 |
| 2009 | Controlled | 24027 | BNAA | 2260001030 | Recreational | 0.140175 | 0.000711 | 0.135564 |
| 2009 | Controlled | 24027 | BNAA | 2260001060 | Recreational | 0.089702 | 0.000575 | 0.002811 |
| 2009 | Controlled | 24027 | BNAA | 2260002006 | Construction and Mining | 0.039761 | 0.000174 | 0.008869 |
| 2009 | Controlled | 24027 | BNAA | 2260002009 | Construction and Mining | 0.001482 | 1.14E-05 | 0.000323 |
| 2009 | Controlled | 24027 | BNAA | 2260002021 | Construction and Mining | 0.001789 | 1.36E-05 | 0.000382 |
| 2009 | Controlled | 24027 | BNAA | 2260002027 | Construction and Mining | 1.4E-05 | 1.03E-07 | 3.27E-06 |
| 2009 | Controlled | 24027 | BNAA | 2260002039 | Construction and Mining | 0.102999 | 0.000447 | 0.021632 |
| 2009 | Controlled | 24027 | BNAA | 2260002054 | Construction and Mining | 0.000365 | 2.68E-06 | 7.61E-05 |
| 2009 | Controlled | 24027 | BNAA | 2260003030 | Industrial | 0.00037 | 2.71E-06 | 8.21E-05 |
| 2009 | Controlled | 24027 | BNAA | 2260003040 | Industrial | 2.91E-05 | 2.14E-07 | 6.22E-06 |
| 2009 | Controlled | 24027 | BNAA | 2260004015 | Lawn and Garden | 0.009366 | 6.56E-05 | 0.003454 |
| 2009 | Controlled | 24027 | BNAA | 2260004016 | Lawn and Garden | 0.1176 | 0.000909 | 0.029106 |
| 2009 | Controlled | 24027 | BNAA | 2260004020 | Lawn and Garden | 0.078252 | 0.000594 | 0.030025 |
| 2009 | Controlled | 24027 | BNAA | 2260004021 | Lawn and Garden | 1.440637 | 0.006474 | 0.358741 |
| 2009 | Controlled | 24027 | BNAA | 2260004025 | Lawn and Garden | 0.161669 | 0.001331 | 0.059953 |
| 2009 | Controlled | 24027 | BNAA | 2260004026 | Lawn and Garden | 1.258861 | 0.009098 | 0.297068 |
| 2009 | Controlled | 24027 | BNAA | 2260004030 | Lawn and Garden | 0.109585 | 0.000851 | 0.040158 |
| 2009 | Controlled | 24027 | BNAA | 2260004031 | Lawn and Garden | 1.405503 | 0.008485 | 0.297188 |
| 2009 | Controlled | 24027 | BNAA | 2260004035 | Lawn and Garden | | | 0.012988 |
| 2009 | Controlled | 24027 | BNAA | 2260004036 | Lawn and Garden | | | 0.005444 |
| 2009 | Controlled | 24027 | BNAA | 2260004071 | Lawn and Garden | 0.000497 | 3.88E-06 | 9.48E-05 |
| 2009 | Controlled | 24027 | BNAA | 2260005035 | Agricultural | 0.000328 | 2.94E-06 | 8.03E-05 |
| 2009 | Controlled | 24027 | BNAA | 2260006005 | Commercial | 0.01913 | 0.000149 | 0.004293 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-------------------------|----------|----------|----------|
| 2009 | Controlled | 24027 | BNAA | 2260006010 | Commercial | 0.125667 | 0.001014 | 0.030051 |
| 2009 | Controlled | 24027 | BNAA | 2260006015 | Commercial | 5.29E-05 | 3.88E-07 | 1.1E-05 |
| 2009 | Controlled | 24027 | BNAA | 2260006035 | Commercial | 0.000832 | 6.11E-06 | 0.000172 |
| 2009 | Controlled | 24027 | BNAA | 2260007005 | Logging | 0.005892 | 2.42E-05 | 0.00134 |
| 2009 | Controlled | 24027 | BNAA | 2265001010 | Recreational | 0.042687 | 0.000473 | 0.004345 |
| 2009 | Controlled | 24027 | BNAA | 2265001030 | Recreational | 0.453279 | 0.004306 | 0.047911 |
| 2009 | Controlled | 24027 | BNAA | 2265001050 | Recreational | 1.794493 | 0.008402 | 0.028061 |
| 2009 | Controlled | 24027 | BNAA | 2265001060 | Recreational | 0.073734 | 0.000574 | 0.003224 |
| 2009 | Controlled | 24027 | BNAA | 2265002003 | Construction and Mining | 0.045158 | 0.00033 | 0.000755 |
| 2009 | Controlled | 24027 | BNAA | 2265002006 | Construction and Mining | 0.000374 | 2.03E-06 | 7.18E-06 |
| 2009 | Controlled | 24027 | BNAA | 2265002009 | Construction and Mining | 0.083874 | 0.000408 | 0.002676 |
| 2009 | Controlled | 24027 | BNAA | 2265002015 | Construction and Mining | 0.083857 | 0.000533 | 0.001265 |
| 2009 | Controlled | 24027 | BNAA | 2265002021 | Construction and Mining | 0.167573 | 0.000921 | 0.004179 |
| 2009 | Controlled | 24027 | BNAA | 2265002024 | Construction and Mining | 0.075704 | 0.000377 | 0.001384 |
| 2009 | Controlled | 24027 | BNAA | 2265002027 | Construction and Mining | 0.003841 | 1.72E-05 | 8.63E-05 |
| 2009 | Controlled | 24027 | BNAA | 2265002030 | Construction and Mining | 0.136921 | 0.000987 | 0.002599 |
| 2009 | Controlled | 24027 | BNAA | 2265002033 | Construction and Mining | 0.039429 | 0.000358 | 0.001745 |
| 2009 | Controlled | 24027 | BNAA | 2265002039 | Construction and Mining | 0.344243 | 0.001772 | 0.004748 |
| 2009 | Controlled | 24027 | BNAA | 2265002042 | Construction and Mining | 0.142569 | 0.000864 | 0.005292 |
| 2009 | Controlled | 24027 | BNAA | 2265002045 | Construction and Mining | 0.004717 | 0.00018 | 0.000161 |
| 2009 | Controlled | 24027 | BNAA | 2265002054 | Construction and Mining | 0.020487 | 0.000123 | 0.000369 |
| 2009 | Controlled | 24027 | BNAA | 2265002057 | Construction and Mining | 0.004814 | 0.000263 | 0.000198 |
| 2009 | Controlled | 24027 | BNAA | 2265002060 | Construction and Mining | 0.009172 | 0.000523 | 0.000378 |
| 2009 | Controlled | 24027 | BNAA | 2265002066 | Construction and Mining | 0.11082 | 0.000595 | 0.001636 |
| 2009 | Controlled | 24027 | BNAA | 2265002072 | Construction and Mining | 0.044798 | 0.000775 | 0.00109 |
| 2009 | Controlled | 24027 | BNAA | 2265002078 | Construction and Mining | 0.022179 | 0.000145 | 0.000795 |
| 2009 | Controlled | 24027 | BNAA | 2265002081 | Construction and Mining | 0.004744 | 0.000278 | 0.000211 |
| 2009 | Controlled | 24027 | BNAA | 2265003010 | Industrial | 0.053812 | 0.001503 | 0.001665 |
| 2009 | Controlled | 24027 | BNAA | 2265003020 | Industrial | 0.077067 | 0.004386 | 0.003156 |
| 2009 | Controlled | 24027 | BNAA | 2265003030 | Industrial | 0.043851 | 0.000599 | 0.000905 |
| 2009 | Controlled | 24027 | BNAA | 2265003040 | Industrial | 0.134002 | 0.000721 | 0.003063 |
| 2009 | Controlled | 24027 | BNAA | 2265003050 | Industrial | 0.004165 | 9.7E-05 | 0.000117 |
| 2009 | Controlled | 24027 | BNAA | 2265003060 | Industrial | 0.005169 | 2.65E-05 | 9.69E-05 |
| 2009 | Controlled | 24027 | BNAA | 2265003070 | Industrial | 0.003631 | 0.000199 | 0.000133 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Controlled | 24027 | BNAA | 2265004010 | Lawn and Garden | 3.114308 | 0.019143 | 0.307673 |
| 2009 Controlled | 24027 | BNAA | 2265004011 | Lawn and Garden | 7.051519 | 0.029991 | 0.321804 |
| 2009 Controlled | 24027 | BNAA | 2265004015 | Lawn and Garden | 0.26159 | 0.001614 | 0.026525 |
| 2009 Controlled | 24027 | BNAA | 2265004016 | Lawn and Garden | 3.476773 | 0.019868 | 0.2155 |
| 2009 Controlled | 24027 | BNAA | 2265004025 | Lawn and Garden | 0.017522 | 1E-04 | 0.001798 |
| 2009 Controlled | 24027 | BNAA | 2265004026 | Lawn and Garden | 0.182567 | 0.000877 | 0.006925 |
| 2009 Controlled | 24027 | BNAA | 2265004030 | Lawn and Garden | 0.033466 | 0.000191 | 0.00314 |
| 2009 Controlled | 24027 | BNAA | 2265004031 | Lawn and Garden | 7.348085 | 0.056491 | 0.147916 |
| 2009 Controlled | 24027 | BNAA | 2265004035 | Lawn and Garden | | | 0.025905 |
| 2009 Controlled | 24027 | BNAA | 2265004036 | Lawn and Garden | | | 0.012114 |
| 2009 Controlled | 24027 | BNAA | 2265004040 | Lawn and Garden | 0.779072 | 0.004433 | 0.031581 |
| 2009 Controlled | 24027 | BNAA | 2265004041 | Lawn and Garden | 0.981339 | 0.005107 | 0.015621 |
| 2009 Controlled | 24027 | BNAA | 2265004046 | Lawn and Garden | 1.017542 | 0.006471 | 0.028525 |
| 2009 Controlled | 24027 | BNAA | 2265004051 | Lawn and Garden | 0.398512 | 0.002355 | 0.026904 |
| 2009 Controlled | 24027 | BNAA | 2265004055 | Lawn and Garden | 10.44061 | 0.059683 | 0.351119 |
| 2009 Controlled | 24027 | BNAA | 2265004056 | Lawn and Garden | 13.33967 | 0.069454 | 0.199806 |
| 2009 Controlled | 24027 | BNAA | 2265004066 | Lawn and Garden | 1.528779 | 0.015831 | 0.02498 |
| 2009 Controlled | 24027 | BNAA | 2265004071 | Lawn and Garden | 38.59212 | 0.207194 | 0.68121 |
| 2009 Controlled | 24027 | BNAA | 2265004075 | Lawn and Garden | 0.319329 | 0.002041 | 0.015828 |
| 2009 Controlled | 24027 | BNAA | 2265004076 | Lawn and Garden | 1.079053 | 0.006977 | 0.05399 |
| 2009 Controlled | 24027 | BNAA | 2265005010 | Agricultural | 0.002428 | 1.23E-05 | 3.66E-05 |
| 2009 Controlled | 24027 | BNAA | 2265005015 | Agricultural | 0.003381 | 9.18E-05 | 8.39E-05 |
| 2009 Controlled | 24027 | BNAA | 2265005020 | Agricultural | 1.57E-05 | 9.69E-07 | 8.02E-07 |
| 2009 Controlled | 24027 | BNAA | 2265005025 | Agricultural | 0.001698 | 0.000105 | 9.83E-05 |
| 2009 Controlled | 24027 | BNAA | 2265005030 | Agricultural | 0.001857 | 1.07E-05 | 3.69E-05 |
| 2009 Controlled | 24027 | BNAA | 2265005035 | Agricultural | 0.014785 | 0.000178 | 0.000572 |
| 2009 Controlled | 24027 | BNAA | 2265005040 | Agricultural | 0.037032 | 0.000222 | 0.001372 |
| 2009 Controlled | 24027 | BNAA | 2265005045 | Agricultural | 0.002695 | 0.000166 | 0.000141 |
| 2009 Controlled | 24027 | BNAA | 2265005055 | Agricultural | 0.006308 | 0.000199 | 0.000218 |
| 2009 Controlled | 24027 | BNAA | 2265005060 | Agricultural | 0.003045 | 0.00014 | 0.000112 |
| 2009 Controlled | 24027 | BNAA | 2265006005 | Commercial | 9.479676 | 0.054454 | 0.285904 |
| 2009 Controlled | 24027 | BNAA | 2265006010 | Commercial | 2.133008 | 0.01356 | 0.056184 |
| 2009 Controlled | 24027 | BNAA | 2265006015 | Commercial | 1.04086 | 0.008774 | 0.023453 |
| 2009 Controlled | 24027 | BNAA | 2265006025 | Commercial | 2.706433 | 0.018101 | 0.050583 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-------------------------|----------|----------|----------|
| 2009 | Controlled | 24027 | BNAA | 2265006030 | Commercial | 4.155178 | 0.021021 | 0.1217 |
| 2009 | Controlled | 24027 | BNAA | 2265006035 | Commercial | 0.211487 | 0.001077 | 0.004119 |
| 2009 | Controlled | 24027 | BNAA | 2265007010 | Logging | 0.016575 | 0.000108 | 0.000543 |
| 2009 | Controlled | 24027 | BNAA | 2265007015 | Logging | 0.000199 | 8.15E-07 | 4.53E-06 |
| 2009 | Controlled | 24027 | BNAA | 2265010010 | Industrial | 0.016977 | 7.95E-05 | 0.000209 |
| 2009 | Controlled | 24027 | BNAA | 2267001060 | Recreational | 0.00071 | 0.000159 | 4.37E-05 |
| 2009 | Controlled | 24027 | BNAA | 2267002003 | Construction and Mining | 0.000904 | 0.000157 | 4.41E-05 |
| 2009 | Controlled | 24027 | BNAA | 2267002015 | Construction and Mining | 0.001284 | 0.000191 | 5.35E-05 |
| 2009 | Controlled | 24027 | BNAA | 2267002021 | Construction and Mining | 0.000278 | 5.73E-05 | 1.59E-05 |
| 2009 | Controlled | 24027 | BNAA | 2267002024 | Construction and Mining | 0.000153 | 2.55E-05 | 7.16E-06 |
| 2009 | Controlled | 24027 | BNAA | 2267002030 | Construction and Mining | 0.00284 | 0.000506 | 0.000142 |
| 2009 | Controlled | 24027 | BNAA | 2267002033 | Construction and Mining | 0.001129 | 0.000251 | 6.86E-05 |
| 2009 | Controlled | 24027 | BNAA | 2267002039 | Construction and Mining | 0.001749 | 0.000222 | 6.08E-05 |
| 2009 | Controlled | 24027 | BNAA | 2267002045 | Construction and Mining | 0.001136 | 0.000234 | 6.48E-05 |
| 2009 | Controlled | 24027 | BNAA | 2267002054 | Construction and Mining | 0.000182 | 3.71E-05 | 1.03E-05 |
| 2009 | Controlled | 24027 | BNAA | 2267002057 | Construction and Mining | 0.001903 | 0.000358 | 0.0001 |
| 2009 | Controlled | 24027 | BNAA | 2267002060 | Construction and Mining | 0.004317 | 0.000717 | 0.000203 |
| 2009 | Controlled | 24027 | BNAA | 2267002066 | Construction and Mining | 0.000413 | 6.23E-05 | 1.76E-05 |
| 2009 | Controlled | 24027 | BNAA | 2267002072 | Construction and Mining | 0.004066 | 0.000807 | 0.000224 |
| 2009 | Controlled | 24027 | BNAA | 2267002081 | Construction and Mining | 0.001731 | 0.000363 | 0.0001 |
| 2009 | Controlled | 24027 | BNAA | 2267003010 | Industrial | 0.015338 | 0.003152 | 0.000871 |
| 2009 | Controlled | 24027 | BNAA | 2267003020 | Industrial | 1.22551 | 0.203711 | 0.057543 |
| 2009 | Controlled | 24027 | BNAA | 2267003030 | Industrial | 0.00756 | 0.001059 | 0.000296 |
| 2009 | Controlled | 24027 | BNAA | 2267003040 | Industrial | 0.00262 | 0.000404 | 0.000114 |
| 2009 | Controlled | 24027 | BNAA | 2267003050 | Industrial | 0.000822 | 0.000167 | 4.62E-05 |
| 2009 | Controlled | 24027 | BNAA | 2267003070 | Industrial | 0.003969 | 0.000441 | 0.000122 |
| 2009 | Controlled | 24027 | BNAA | 2267004066 | Lawn and Garden | 0.067567 | 0.010677 | 0.003016 |
| 2009 | Controlled | 24027 | BNAA | 2267005055 | Agricultural | 1.06E-05 | 2.4E-06 | 6.61E-07 |
| 2009 | Controlled | 24027 | BNAA | 2267005060 | Agricultural | 1.18E-05 | 1.77E-06 | 5.03E-07 |
| 2009 | Controlled | 24027 | BNAA | 2267006005 | Commercial | 0.092375 | 0.028182 | 0.005798 |
| 2009 | Controlled | 24027 | BNAA | 2267006010 | Commercial | 0.020063 | 0.005432 | 0.001127 |
| 2009 | Controlled | 24027 | BNAA | 2267006015 | Commercial | 0.023059 | 0.005674 | 0.001184 |
| 2009 | Controlled | 24027 | BNAA | 2267006025 | Commercial | 0.041216 | 0.007526 | 0.002098 |
| 2009 | Controlled | 24027 | BNAA | 2267006030 | Commercial | 0.000578 | 0.000118 | 3.23E-05 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-------------------------|----------|----------|----------|
| 2009 | Controlled | 24027 | BNAA | 2267006035 | Commercial | 0.000332 | 7.21E-05 | 1.47E-05 |
| 2009 | Controlled | 24027 | BNAA | 2268002081 | Construction and Mining | 6.81E-05 | 1.43E-05 | 2.33E-07 |
| 2009 | Controlled | 24027 | BNAA | 2268003020 | Industrial | 0.08722 | 0.014592 | 0.000243 |
| 2009 | Controlled | 24027 | BNAA | 2268003030 | Industrial | 9.86E-05 | 1.64E-05 | 2.73E-07 |
| 2009 | Controlled | 24027 | BNAA | 2268003040 | Industrial | 5.21E-05 | 8.33E-06 | 1.39E-07 |
| 2009 | Controlled | 24027 | BNAA | 2268003060 | Industrial | 0.000258 | 3.79E-05 | 6.28E-07 |
| 2009 | Controlled | 24027 | BNAA | 2268003070 | Industrial | 0.000279 | 3.14E-05 | 5.13E-07 |
| 2009 | Controlled | 24027 | BNAA | 2268005055 | Agricultural | 8.88E-06 | 2E-06 | 3.46E-08 |
| 2009 | Controlled | 24027 | BNAA | 2268005060 | Agricultural | 9.42E-05 | 2.09E-05 | 3.64E-07 |
| 2009 | Controlled | 24027 | BNAA | 2268006005 | Commercial | 0.027732 | 0.008711 | 0.000107 |
| 2009 | Controlled | 24027 | BNAA | 2268006010 | Commercial | 0.00135 | 0.000393 | 4.84E-06 |
| 2009 | Controlled | 24027 | BNAA | 2268006015 | Commercial | 0.001782 | 0.000457 | 5.67E-06 |
| 2009 | Controlled | 24027 | BNAA | 2268006020 | Commercial | 0.013317 | 0.002557 | 2.57E-05 |
| 2009 | Controlled | 24027 | BNAA | 2268010010 | Industrial | 0.000331 | 4.44E-05 | 5.5E-07 |
| 2009 | Controlled | 24027 | BNAA | 2270001060 | Recreational | 0.002057 | 0.001981 | 0.000539 |
| 2009 | Controlled | 24027 | BNAA | 2270002003 | Construction and Mining | 0.008641 | 0.018744 | 0.001549 |
| 2009 | Controlled | 24027 | BNAA | 2270002006 | Construction and Mining | 3.15E-05 | 4.24E-05 | 6.59E-06 |
| 2009 | Controlled | 24027 | BNAA | 2270002009 | Construction and Mining | 0.000463 | 0.000664 | 0.000103 |
| 2009 | Controlled | 24027 | BNAA | 2270002015 | Construction and Mining | 0.02559 | 0.048408 | 0.004198 |
| 2009 | Controlled | 24027 | BNAA | 2270002018 | Construction and Mining | 0.023252 | 0.052865 | 0.003061 |
| 2009 | Controlled | 24027 | BNAA | 2270002021 | Construction and Mining | 0.001595 | 0.003042 | 0.000281 |
| 2009 | Controlled | 24027 | BNAA | 2270002024 | Construction and Mining | 0.001266 | 0.002202 | 0.000191 |
| 2009 | Controlled | 24027 | BNAA | 2270002027 | Construction and Mining | 0.003245 | 0.00612 | 0.000826 |
| 2009 | Controlled | 24027 | BNAA | 2270002030 | Construction and Mining | 0.015897 | 0.024437 | 0.002439 |
| 2009 | Controlled | 24027 | BNAA | 2270002033 | Construction and Mining | 0.010136 | 0.028859 | 0.002431 |
| 2009 | Controlled | 24027 | BNAA | 2270002036 | Construction and Mining | 0.071532 | 0.176406 | 0.01332 |
| 2009 | Controlled | 24027 | BNAA | 2270002039 | Construction and Mining | 0.001202 | 0.00168 | 0.00018 |
| 2009 | Controlled | 24027 | BNAA | 2270002042 | Construction and Mining | 0.000516 | 0.001113 | 0.000126 |
| 2009 | Controlled | 24027 | BNAA | 2270002045 | Construction and Mining | 0.012832 | 0.050107 | 0.003419 |
| 2009 | Controlled | 24027 | BNAA | 2270002048 | Construction and Mining | 0.015897 | 0.044393 | 0.003351 |
| 2009 | Controlled | 24027 | BNAA | 2270002051 | Construction and Mining | 0.05892 | 0.174453 | 0.009717 |
| 2009 | Controlled | 24027 | BNAA | 2270002054 | Construction and Mining | 0.003085 | 0.009159 | 0.000674 |
| 2009 | Controlled | 24027 | BNAA | 2270002057 | Construction and Mining | 0.041016 | 0.06511 | 0.006297 |
| 2009 | Controlled | 24027 | BNAA | 2270002060 | Construction and Mining | 0.097176 | 0.232727 | 0.016637 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC | |
|------|-------------------|-------|------|--------------------|-------------------------|----------|----------|----------|
| 2009 | Controlled | 24027 | BNAA | 2270002066 | Construction and Mining | 0.149716 | 0.157285 | 0.033278 |
| 2009 | Controlled | 24027 | BNAA | 2270002069 | Construction and Mining | 0.082971 | 0.19814 | 0.013579 |
| 2009 | Controlled | 24027 | BNAA | 2270002072 | Construction and Mining | 0.128766 | 0.107456 | 0.030331 |
| 2009 | Controlled | 24027 | BNAA | 2270002075 | Construction and Mining | 0.011497 | 0.025495 | 0.001678 |
| 2009 | Controlled | 24027 | BNAA | 2270002078 | Construction and Mining | 0.000393 | 0.000347 | 0.000101 |
| 2009 | Controlled | 24027 | BNAA | 2270002081 | Construction and Mining | 0.011979 | 0.0246 | 0.001801 |
| 2009 | Controlled | 24027 | BNAA | 2270003010 | Industrial | 0.00433 | 0.004012 | 0.001101 |
| 2009 | Controlled | 24027 | BNAA | 2270003020 | Industrial | 0.027139 | 0.037127 | 0.003144 |
| 2009 | Controlled | 24027 | BNAA | 2270003030 | Industrial | 0.006435 | 0.019263 | 0.001557 |
| 2009 | Controlled | 24027 | BNAA | 2270003040 | Industrial | 0.006811 | 0.021876 | 0.001787 |
| 2009 | Controlled | 24027 | BNAA | 2270003050 | Industrial | 0.000744 | 0.001106 | 0.000201 |
| 2009 | Controlled | 24027 | BNAA | 2270003060 | Industrial | 0.048122 | 0.09522 | 0.008496 |
| 2009 | Controlled | 24027 | BNAA | 2270003070 | Industrial | 0.010183 | 0.023215 | 0.001898 |
| 2009 | Controlled | 24027 | BNAA | 2270004031 | Lawn and Garden | 1.18E-05 | 1.93E-05 | 3.34E-06 |
| 2009 | Controlled | 24027 | BNAA | 2270004046 | Lawn and Garden | 0.059747 | 0.112333 | 0.015294 |
| 2009 | Controlled | 24027 | BNAA | 2270004056 | Lawn and Garden | 0.012464 | 0.022471 | 0.003167 |
| 2009 | Controlled | 24027 | BNAA | 2270004066 | Lawn and Garden | 0.069962 | 0.1708 | 0.016549 |
| 2009 | Controlled | 24027 | BNAA | 2270004071 | Lawn and Garden | 0.006129 | 0.015873 | 0.001331 |
| 2009 | Controlled | 24027 | BNAA | 2270004076 | Lawn and Garden | 0.000251 | 0.000459 | 6.09E-05 |
| 2009 | Controlled | 24027 | BNAA | 2270005010 | Agricultural | 2.86E-06 | 2.28E-06 | 3.69E-07 |
| 2009 | Controlled | 24027 | BNAA | 2270005015 | Agricultural | 0.061428 | 0.116271 | 0.011393 |
| 2009 | Controlled | 24027 | BNAA | 2270005020 | Agricultural | 0.004726 | 0.012148 | 0.001057 |
| 2009 | Controlled | 24027 | BNAA | 2270005025 | Agricultural | 4.06E-05 | 5.78E-05 | 9.39E-06 |
| 2009 | Controlled | 24027 | BNAA | 2270005030 | Agricultural | 9.8E-06 | 1.18E-05 | 1.63E-06 |
| 2009 | Controlled | 24027 | BNAA | 2270005035 | Agricultural | 0.000489 | 0.00093 | 0.000128 |
| 2009 | Controlled | 24027 | BNAA | 2270005040 | Agricultural | 1.38E-06 | 2.36E-06 | 2.19E-07 |
| 2009 | Controlled | 24027 | BNAA | 2270005045 | Agricultural | 0.00054 | 0.000884 | 0.000101 |
| 2009 | Controlled | 24027 | BNAA | 2270005055 | Agricultural | 0.001271 | 0.002455 | 0.000258 |
| 2009 | Controlled | 24027 | BNAA | 2270005060 | Agricultural | 0.000608 | 0.001568 | 0.000155 |
| 2009 | Controlled | 24027 | BNAA | 2270006005 | Commercial | 0.064733 | 0.132438 | 0.016677 |
| 2009 | Controlled | 24027 | BNAA | 2270006010 | Commercial | 0.01535 | 0.031382 | 0.00374 |
| 2009 | Controlled | 24027 | BNAA | 2270006015 | Commercial | 0.033387 | 0.074406 | 0.007202 |
| 2009 | Controlled | 24027 | BNAA | 2270006025 | Commercial | 0.050264 | 0.039515 | 0.012229 |
| 2009 | Controlled | 24027 | BNAA | 2270006030 | Commercial | 0.001928 | 0.004396 | 0.000545 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Controlled | 24027 | BNAA | 2270006035 | Commercial | 0.00146 | 0.00321 | 0.000319 |
| 2009 Controlled | 24027 | BNAA | 2270007015 | Logging | 0.001286 | 0.003291 | 0.00025 |
| 2009 Controlled | 24027 | BNAA | 2270010010 | Industrial | 0.000245 | 0.000895 | 5.71E-05 |
| 2009 Controlled | 24027 | BNAA | 2282005010 | Pleasure Craft | 0.234895 | 0.006303 | 0.121645 |
| 2009 Controlled | 24027 | BNAA | 2282005015 | Pleasure Craft | 0.091609 | 0.002058 | 0.033869 |
| 2009 Controlled | 24027 | BNAA | 2282010005 | Pleasure Craft | 0.067442 | 0.004229 | 0.00549 |
| 2009 Controlled | 24027 | BNAA | 2282020005 | Pleasure Craft | 0.000744 | 0.004447 | 0.000161 |
| 2009 Controlled | 24027 | BNAA | 2282020010 | Pleasure Craft | 1.83E-05 | 3.06E-05 | 5.69E-06 |
| 2009 Controlled | 24027 | BNAA | 2285002015 | Railroad | 0.003887 | 0.00512 | 0.000912 |
| 2009 Controlled | 24027 | BNAA | 2285004015 | Railroad | 0.012624 | 7.26E-05 | 0.000248 |
| 2009 Controlled | 24027 | BNAA | 2285006015 | Railroad | 4.72E-05 | 9.38E-06 | 2.61E-06 |
| 2009 Controlled | 24510 | BNAA | 2260003030 | Industrial | 0.000919 | 6.74E-06 | 0.000204 |
| 2009 Controlled | 24510 | BNAA | 2260003040 | Industrial | 7.24E-05 | 5.31E-07 | 1.54E-05 |
| 2009 Controlled | 24510 | BNAA | 2260004015 | Lawn and Garden | 0.028714 | 0.000201 | 0.010589 |
| 2009 Controlled | 24510 | BNAA | 2260004016 | Lawn and Garden | 0.021854 | 0.000169 | 0.005409 |
| 2009 Controlled | 24510 | BNAA | 2260004020 | Lawn and Garden | 0.239907 | 0.00182 | 0.092051 |
| 2009 Controlled | 24510 | BNAA | 2260004021 | Lawn and Garden | 0.267716 | 0.001203 | 0.066665 |
| 2009 Controlled | 24510 | BNAA | 2260004025 | Lawn and Garden | 0.495649 | 0.004082 | 0.183806 |
| 2009 Controlled | 24510 | BNAA | 2260004026 | Lawn and Garden | 0.233936 | 0.001691 | 0.055205 |
| 2009 Controlled | 24510 | BNAA | 2260004030 | Lawn and Garden | 0.335968 | 0.002608 | 0.123118 |
| 2009 Controlled | 24510 | BNAA | 2260004031 | Lawn and Garden | 0.261187 | 0.001577 | 0.055227 |
| 2009 Controlled | 24510 | BNAA | 2260004035 | Lawn and Garden | | | 0.039819 |
| 2009 Controlled | 24510 | BNAA | 2260004036 | Lawn and Garden | | | 0.001012 |
| 2009 Controlled | 24510 | BNAA | 2260004071 | Lawn and Garden | 9.23E-05 | 7.21E-07 | 1.76E-05 |
| 2009 Controlled | 24510 | BNAA | 2260006005 | Commercial | 0.020345 | 0.000158 | 0.004566 |
| 2009 Controlled | 24510 | BNAA | 2260006010 | Commercial | 0.133652 | 0.001079 | 0.031961 |
| 2009 Controlled | 24510 | BNAA | 2260006015 | Commercial | 5.63E-05 | 4.13E-07 | 1.17E-05 |
| 2009 Controlled | 24510 | BNAA | 2260006035 | Commercial | 0.000885 | 6.49E-06 | 0.000183 |
| 2009 Controlled | 24510 | BNAA | 2265001050 | Recreational | 1.281781 | 0.006001 | 0.020044 |
| 2009 Controlled | 24510 | BNAA | 2265003010 | Industrial | 0.133566 | 0.003731 | 0.004132 |
| 2009 Controlled | 24510 | BNAA | 2265003020 | Industrial | 0.191288 | 0.010886 | 0.007833 |
| 2009 Controlled | 24510 | BNAA | 2265003030 | Industrial | 0.108842 | 0.001486 | 0.002247 |
| 2009 Controlled | 24510 | BNAA | 2265003040 | Industrial | 0.332607 | 0.001789 | 0.007604 |
| 2009 Controlled | 24510 | BNAA | 2265003050 | Industrial | 0.010337 | 0.000241 | 0.00029 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Controlled | 24510 | BNAA | 2265003060 | Industrial | 0.012652 | 6.48E-05 | 0.000237 |
| 2009 Controlled | 24510 | BNAA | 2265003070 | Industrial | 0.009013 | 0.000493 | 0.000329 |
| 2009 Controlled | 24510 | BNAA | 2265004010 | Lawn and Garden | 9.547923 | 0.05869 | 0.94327 |
| 2009 Controlled | 24510 | BNAA | 2265004011 | Lawn and Garden | 1.310395 | 0.005573 | 0.059801 |
| 2009 Controlled | 24510 | BNAA | 2265004015 | Lawn and Garden | 0.801988 | 0.004949 | 0.081322 |
| 2009 Controlled | 24510 | BNAA | 2265004016 | Lawn and Garden | 0.646094 | 0.003692 | 0.040047 |
| 2009 Controlled | 24510 | BNAA | 2265004025 | Lawn and Garden | 0.053719 | 0.000306 | 0.005511 |
| 2009 Controlled | 24510 | BNAA | 2265004026 | Lawn and Garden | 0.033927 | 0.000163 | 0.001287 |
| 2009 Controlled | 24510 | BNAA | 2265004030 | Lawn and Garden | 0.1026 | 0.000586 | 0.009628 |
| 2009 Controlled | 24510 | BNAA | 2265004031 | Lawn and Garden | 1.365507 | 0.010498 | 0.027488 |
| 2009 Controlled | 24510 | BNAA | 2265004035 | Lawn and Garden | | | 0.079421 |
| 2009 Controlled | 24510 | BNAA | 2265004036 | Lawn and Garden | | | 0.002251 |
| 2009 Controlled | 24510 | BNAA | 2265004040 | Lawn and Garden | 2.388497 | 0.013591 | 0.096822 |
| 2009 Controlled | 24510 | BNAA | 2265004041 | Lawn and Garden | 0.182364 | 0.000949 | 0.002903 |
| 2009 Controlled | 24510 | BNAA | 2265004046 | Lawn and Garden | 0.189092 | 0.001203 | 0.005301 |
| 2009 Controlled | 24510 | BNAA | 2265004051 | Lawn and Garden | 0.074056 | 0.000438 | 0.005 |
| 2009 Controlled | 24510 | BNAA | 2265004055 | Lawn and Garden | 32.00909 | 0.182976 | 1.076471 |
| 2009 Controlled | 24510 | BNAA | 2265004056 | Lawn and Garden | 2.478932 | 0.012907 | 0.03713 |
| 2009 Controlled | 24510 | BNAA | 2265004066 | Lawn and Garden | 0.284095 | 0.002942 | 0.004642 |
| 2009 Controlled | 24510 | BNAA | 2265004071 | Lawn and Garden | 7.171636 | 0.038503 | 0.12659 |
| 2009 Controlled | 24510 | BNAA | 2265004075 | Lawn and Garden | 0.979005 | 0.006256 | 0.048527 |
| 2009 Controlled | 24510 | BNAA | 2265004076 | Lawn and Garden | 0.200522 | 0.001297 | 0.010033 |
| 2009 Controlled | 24510 | BNAA | 2265006005 | Commercial | 10.08206 | 0.057914 | 0.304072 |
| 2009 Controlled | 24510 | BNAA | 2265006010 | Commercial | 2.26855 | 0.014422 | 0.059754 |
| 2009 Controlled | 24510 | BNAA | 2265006015 | Commercial | 1.107002 | 0.009332 | 0.024944 |
| 2009 Controlled | 24510 | BNAA | 2265006025 | Commercial | 2.878414 | 0.019251 | 0.053797 |
| 2009 Controlled | 24510 | BNAA | 2265006030 | Commercial | 4.41922 | 0.022356 | 0.129433 |
| 2009 Controlled | 24510 | BNAA | 2265006035 | Commercial | 0.224926 | 0.001145 | 0.004381 |
| 2009 Controlled | 24510 | BNAA | 2265010010 | Industrial | 0.046687 | 0.000219 | 0.000574 |
| 2009 Controlled | 24510 | BNAA | 2267003010 | Industrial | 0.038071 | 0.007823 | 0.002162 |
| 2009 Controlled | 24510 | BNAA | 2267003020 | Industrial | 3.041839 | 0.505632 | 0.142828 |
| 2009 Controlled | 24510 | BNAA | 2267003030 | Industrial | 0.018765 | 0.002629 | 0.000735 |
| 2009 Controlled | 24510 | BNAA | 2267003040 | Industrial | 0.006503 | 0.001002 | 0.000282 |
| 2009 Controlled | 24510 | BNAA | 2267003050 | Industrial | 0.00204 | 0.000414 | 0.000115 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Controlled | 24510 | BNAA | 2267003070 | Industrial | 0.009852 | 0.001095 | 0.000303 |
| 2009 Controlled | 24510 | BNAA | 2267004066 | Lawn and Garden | 0.012556 | 0.001984 | 0.00056 |
| 2009 Controlled | 24510 | BNAA | 2267006005 | Commercial | 0.098245 | 0.029973 | 0.006167 |
| 2009 Controlled | 24510 | BNAA | 2267006010 | Commercial | 0.021338 | 0.005777 | 0.001198 |
| 2009 Controlled | 24510 | BNAA | 2267006015 | Commercial | 0.024525 | 0.006035 | 0.001259 |
| 2009 Controlled | 24510 | BNAA | 2267006025 | Commercial | 0.043835 | 0.008005 | 0.002231 |
| 2009 Controlled | 24510 | BNAA | 2267006030 | Commercial | 0.000614 | 0.000125 | 3.43E-05 |
| 2009 Controlled | 24510 | BNAA | 2267006035 | Commercial | 0.000353 | 7.67E-05 | 1.57E-05 |
| 2009 Controlled | 24510 | BNAA | 2268003020 | Industrial | 0.216489 | 0.036219 | 0.000604 |
| 2009 Controlled | 24510 | BNAA | 2268003030 | Industrial | 0.000245 | 4.06E-05 | 6.78E-07 |
| 2009 Controlled | 24510 | BNAA | 2268003040 | Industrial | 0.000129 | 2.07E-05 | 3.45E-07 |
| 2009 Controlled | 24510 | BNAA | 2268003060 | Industrial | 0.000631 | 9.28E-05 | 1.54E-06 |
| 2009 Controlled | 24510 | BNAA | 2268003070 | Industrial | 0.000694 | 7.8E-05 | 1.27E-06 |
| 2009 Controlled | 24510 | BNAA | 2268006005 | Commercial | 0.029495 | 0.009264 | 0.000113 |
| 2009 Controlled | 24510 | BNAA | 2268006010 | Commercial | 0.001436 | 0.000418 | 5.15E-06 |
| 2009 Controlled | 24510 | BNAA | 2268006015 | Commercial | 0.001896 | 0.000486 | 6.03E-06 |
| 2009 Controlled | 24510 | BNAA | 2268006020 | Commercial | 0.014163 | 0.002719 | 2.74E-05 |
| 2009 Controlled | 24510 | BNAA | 2268010010 | Industrial | 0.000911 | 0.000122 | 1.51E-06 |
| 2009 Controlled | 24510 | BNAA | 2270003010 | Industrial | 0.010748 | 0.009959 | 0.002732 |
| 2009 Controlled | 24510 | BNAA | 2270003020 | Industrial | 0.067362 | 0.092154 | 0.007803 |
| 2009 Controlled | 24510 | BNAA | 2270003030 | Industrial | 0.015972 | 0.047813 | 0.003866 |
| 2009 Controlled | 24510 | BNAA | 2270003040 | Industrial | 0.016906 | 0.054298 | 0.004436 |
| 2009 Controlled | 24510 | BNAA | 2270003050 | Industrial | 0.001848 | 0.002745 | 0.000498 |
| 2009 Controlled | 24510 | BNAA | 2270003060 | Industrial | 0.117784 | 0.233062 | 0.020794 |
| 2009 Controlled | 24510 | BNAA | 2270003070 | Industrial | 0.025276 | 0.057621 | 0.004712 |
| 2009 Controlled | 24510 | BNAA | 2270004031 | Lawn and Garden | 2.18E-06 | 3.59E-06 | 6.21E-07 |
| 2009 Controlled | 24510 | BNAA | 2270004046 | Lawn and Garden | 0.011103 | 0.020875 | 0.002842 |
| 2009 Controlled | 24510 | BNAA | 2270004056 | Lawn and Garden | 0.002316 | 0.004176 | 0.000589 |
| 2009 Controlled | 24510 | BNAA | 2270004066 | Lawn and Garden | 0.013001 | 0.03174 | 0.003075 |
| 2009 Controlled | 24510 | BNAA | 2270004071 | Lawn and Garden | 0.001139 | 0.00295 | 0.000247 |
| 2009 Controlled | 24510 | BNAA | 2270004076 | Lawn and Garden | 4.66E-05 | 8.52E-05 | 1.13E-05 |
| 2009 Controlled | 24510 | BNAA | 2270006005 | Commercial | 0.068846 | 0.140854 | 0.017737 |
| 2009 Controlled | 24510 | BNAA | 2270006010 | Commercial | 0.016325 | 0.033376 | 0.003978 |
| 2009 Controlled | 24510 | BNAA | 2270006015 | Commercial | 0.035509 | 0.079135 | 0.00766 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-----------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Controlled | 24510 | BNAA | 2270006025 | Commercial | 0.053458 | 0.042026 | 0.013006 |
| 2009 Controlled | 24510 | BNAA | 2270006030 | Commercial | 0.00205 | 0.004675 | 0.00058 |
| 2009 Controlled | 24510 | BNAA | 2270006035 | Commercial | 0.001552 | 0.003414 | 0.000339 |
| 2009 Controlled | 24510 | BNAA | 2270010010 | Industrial | 0.000675 | 0.002461 | 0.000157 |
| 2009 Controlled | 24510 | BNAA | 2282005010 | Pleasure Craft | 1.820434 | 0.048846 | 0.942751 |
| 2009 Controlled | 24510 | BNAA | 2282005015 | Pleasure Craft | 0.709973 | 0.015953 | 0.262482 |
| 2009 Controlled | 24510 | BNAA | 2282010005 | Pleasure Craft | 0.775583 | 0.04863 | 0.06314 |
| 2009 Controlled | 24510 | BNAA | 2282020005 | Pleasure Craft | 0.008558 | 0.051137 | 0.001854 |
| 2009 Controlled | 24510 | BNAA | 2282020010 | Pleasure Craft | 0.000142 | 0.000237 | 4.41E-05 |
| 2009 Controlled | 24510 | BNAA | 2285002015 | Railroad | 0.003013 | 0.003969 | 0.000707 |
| 2009 Controlled | 24510 | BNAA | 2285004015 | Railroad | 0.009784 | 5.63E-05 | 0.000192 |
| 2009 Controlled | 24510 | BNAA | 2285006015 | Railroad | 3.66E-05 | 7.27E-06 | 2.03E-06 |
| 2009 Controlled | | | BNAA Total | | 765.6721 | 31.30124 | 49.55849 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24003 | BNAA | 2260001010 | Recreational | 0.636427 | 0.002527 | 0.773534 |
| 2009 Uncontrolled | 24003 | BNAA | 2260001030 | Recreational | 0.883681 | 0.003536 | 1.083955 |
| 2009 Uncontrolled | 24003 | BNAA | 2260001060 | Recreational | 0.525501 | 0.004125 | 0.018727 |
| 2009 Uncontrolled | 24003 | BNAA | 2260002006 | Construction and Mining | 0.110204 | 0.000764 | 0.046603 |
| 2009 Uncontrolled | 24003 | BNAA | 2260002009 | Construction and Mining | 0.00501 | 1.33E-05 | 0.002512 |
| 2009 Uncontrolled | 24003 | BNAA | 2260002021 | Construction and Mining | 0.006036 | 1.6E-05 | 0.003007 |
| 2009 Uncontrolled | 24003 | BNAA | 2260002027 | Construction and Mining | 4.71E-05 | 1.21E-07 | 2.41E-05 |
| 2009 Uncontrolled | 24003 | BNAA | 2260002039 | Construction and Mining | 0.291195 | 0.001831 | 0.123638 |
| 2009 Uncontrolled | 24003 | BNAA | 2260002054 | Construction and Mining | 0.001227 | 3.14E-06 | 0.000606 |
| 2009 Uncontrolled | 24003 | BNAA | 2260003030 | Industrial | 0.000987 | 2.53E-06 | 0.0005 |
| 2009 Uncontrolled | 24003 | BNAA | 2260003040 | Industrial | 7.78E-05 | 1.99E-07 | 3.88E-05 |
| 2009 Uncontrolled | 24003 | BNAA | 2260004015 | Lawn and Garden | 0.026742 | 7.37E-05 | 0.01513 |
| 2009 Uncontrolled | 24003 | BNAA | 2260004016 | Lawn and Garden | 0.218079 | 0.000606 | 0.111173 |
| 2009 Uncontrolled | 24003 | BNAA | 2260004020 | Lawn and Garden | 0.230047 | 0.000631 | 0.142742 |
| 2009 Uncontrolled | 24003 | BNAA | 2260004021 | Lawn and Garden | 2.247761 | 0.013636 | 1.063192 |
| 2009 Uncontrolled | 24003 | BNAA | 2260004025 | Lawn and Garden | 0.518183 | 0.001479 | 0.304852 |
| 2009 Uncontrolled | 24003 | BNAA | 2260004026 | Lawn and Garden | 2.264016 | 0.00742 | 1.159042 |
| 2009 Uncontrolled | 24003 | BNAA | 2260004030 | Lawn and Garden | 0.32989 | 0.000916 | 0.193477 |
| 2009 Uncontrolled | 24003 | BNAA | 2260004031 | Lawn and Garden | 2.361248 | 0.011004 | 1.088189 |
| 2009 Uncontrolled | 24003 | BNAA | 2260004035 | Lawn and Garden | | | 0.025864 |
| 2009 Uncontrolled | 24003 | BNAA | 2260004036 | Lawn and Garden | | | 0.006696 |
| 2009 Uncontrolled | 24003 | BNAA | 2260004071 | Lawn and Garden | 0.000922 | 2.49E-06 | 0.000446 |
| 2009 Uncontrolled | 24003 | BNAA | 2260005035 | Agricultural | 0.000519 | 1.49E-06 | 0.000266 |
| 2009 Uncontrolled | 24003 | BNAA | 2260006005 | Commercial | 0.032024 | 8.6E-05 | 0.016255 |
| 2009 Uncontrolled | 24003 | BNAA | 2260006010 | Commercial | 0.232003 | 0.000613 | 0.118046 |
| 2009 Uncontrolled | 24003 | BNAA | 2260006015 | Commercial | 8.7E-05 | 2.23E-07 | 4.31E-05 |
| 2009 Uncontrolled | 24003 | BNAA | 2260006035 | Commercial | 0.001369 | 3.51E-06 | 0.000677 |
| 2009 Uncontrolled | 24003 | BNAA | 2260007005 | Logging | 0.025543 | 0.000169 | 0.011213 |
| 2009 Uncontrolled | 24003 | BNAA | 2265001010 | Recreational | 0.288534 | 0.003003 | 0.028779 |
| 2009 Uncontrolled | 24003 | BNAA | 2265001030 | Recreational | 2.825853 | 0.029487 | 0.321817 |
| 2009 Uncontrolled | 24003 | BNAA | 2265001050 | Recreational | 2.22015 | 0.013295 | 0.043705 |
| 2009 Uncontrolled | 24003 | BNAA | 2265001060 | Recreational | 0.444138 | 0.003854 | 0.019862 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002003 | Construction and Mining | 0.10235 | 0.001119 | 0.002334 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24003 | BNAA | 2265002006 | Construction and Mining | 0.000819 | 5.54E-06 | 1.86E-05 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002009 | Construction and Mining | 0.18868 | 0.001304 | 0.009284 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002015 | Construction and Mining | 0.190697 | 0.001969 | 0.003845 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002021 | Construction and Mining | 0.371995 | 0.002673 | 0.012744 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002024 | Construction and Mining | 0.167127 | 0.001153 | 0.004738 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002027 | Construction and Mining | 0.008543 | 5.51E-05 | 0.000333 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002030 | Construction and Mining | 0.312601 | 0.003424 | 0.00937 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002033 | Construction and Mining | 0.091156 | 0.001106 | 0.005825 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002039 | Construction and Mining | 0.763751 | 0.005957 | 0.014033 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002042 | Construction and Mining | 0.318403 | 0.002284 | 0.013496 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002045 | Construction and Mining | 0.012839 | 0.000581 | 0.000494 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002054 | Construction and Mining | 0.045402 | 0.000372 | 0.001238 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002057 | Construction and Mining | 0.016708 | 0.001007 | 0.000737 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002060 | Construction and Mining | 0.040027 | 0.002501 | 0.001777 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002066 | Construction and Mining | 0.243357 | 0.001786 | 0.004589 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002072 | Construction and Mining | 0.108867 | 0.002567 | 0.003201 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002078 | Construction and Mining | 0.04946 | 0.000377 | 0.001945 |
| 2009 Uncontrolled | 24003 | BNAA | 2265002081 | Construction and Mining | 0.014066 | 0.000874 | 0.000646 |
| 2009 Uncontrolled | 24003 | BNAA | 2265003010 | Industrial | 0.100468 | 0.003164 | 0.003433 |
| 2009 Uncontrolled | 24003 | BNAA | 2265003020 | Industrial | 0.222053 | 0.013594 | 0.009668 |
| 2009 Uncontrolled | 24003 | BNAA | 2265003030 | Industrial | 0.095691 | 0.002393 | 0.002981 |
| 2009 Uncontrolled | 24003 | BNAA | 2265003040 | Industrial | 0.243151 | 0.002109 | 0.010482 |
| 2009 Uncontrolled | 24003 | BNAA | 2265003050 | Industrial | 0.007697 | 0.000208 | 0.000245 |
| 2009 Uncontrolled | 24003 | BNAA | 2265003060 | Industrial | 0.009662 | 6.29E-05 | 0.000219 |
| 2009 Uncontrolled | 24003 | BNAA | 2265003070 | Industrial | 0.02326 | 0.001421 | 0.001008 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004010 | Lawn and Garden | 6.253165 | 0.047141 | 0.683069 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004011 | Lawn and Garden | 8.879473 | 0.06212 | 0.680604 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004015 | Lawn and Garden | 0.525815 | 0.00399 | 0.059461 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004016 | Lawn and Garden | 4.320648 | 0.031908 | 0.327811 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004025 | Lawn and Garden | 0.035314 | 0.000262 | 0.004177 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004026 | Lawn and Garden | 0.223534 | 0.001525 | 0.012668 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004030 | Lawn and Garden | 0.067506 | 0.000503 | 0.007383 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004031 | Lawn and Garden | 9.048694 | 0.099921 | 0.234485 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004035 | Lawn and Garden | | | 0.051587 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24003 | BNAA | 2265004036 | Lawn and Garden | | | 0.0149 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004040 | Lawn and Garden | 1.52198 | 0.010348 | 0.066526 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004041 | Lawn and Garden | 1.175147 | 0.007602 | 0.02277 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004046 | Lawn and Garden | 1.235239 | 0.009048 | 0.0374 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004051 | Lawn and Garden | 0.494561 | 0.003676 | 0.039303 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004055 | Lawn and Garden | 20.31812 | 0.141369 | 0.753826 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004056 | Lawn and Garden | 15.88956 | 0.105165 | 0.299161 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004066 | Lawn and Garden | 2.064874 | 0.03777 | 0.047714 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004071 | Lawn and Garden | 48.1952 | 0.397172 | 1.138412 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004075 | Lawn and Garden | 0.635852 | 0.004743 | 0.035244 |
| 2009 Uncontrolled | 24003 | BNAA | 2265004076 | Lawn and Garden | 1.32757 | 0.010031 | 0.074191 |
| 2009 Uncontrolled | 24003 | BNAA | 2265005010 | Agricultural | 0.002143 | 1.38E-05 | 4.05E-05 |
| 2009 Uncontrolled | 24003 | BNAA | 2265005015 | Agricultural | 0.00425 | 0.00017 | 0.00014 |
| 2009 Uncontrolled | 24003 | BNAA | 2265005020 | Agricultural | 1.78E-05 | 1.14E-06 | 9.16E-07 |
| 2009 Uncontrolled | 24003 | BNAA | 2265005025 | Agricultural | 0.001917 | 0.000123 | 0.000111 |
| 2009 Uncontrolled | 24003 | BNAA | 2265005030 | Agricultural | 0.001659 | 1.16E-05 | 3.8E-05 |
| 2009 Uncontrolled | 24003 | BNAA | 2265005035 | Agricultural | 0.013796 | 0.000202 | 0.000617 |
| 2009 Uncontrolled | 24003 | BNAA | 2265005040 | Agricultural | 0.033761 | 0.000215 | 0.00127 |
| 2009 Uncontrolled | 24003 | BNAA | 2265005045 | Agricultural | 0.003042 | 0.000195 | 0.000161 |
| 2009 Uncontrolled | 24003 | BNAA | 2265005055 | Agricultural | 0.006335 | 0.000232 | 0.00024 |
| 2009 Uncontrolled | 24003 | BNAA | 2265005060 | Agricultural | 0.005917 | 0.000339 | 0.000263 |
| 2009 Uncontrolled | 24003 | BNAA | 2265006005 | Commercial | 10.28864 | 0.071792 | 0.365167 |
| 2009 Uncontrolled | 24003 | BNAA | 2265006010 | Commercial | 2.369939 | 0.022447 | 0.107278 |
| 2009 Uncontrolled | 24003 | BNAA | 2265006015 | Commercial | 1.170347 | 0.015921 | 0.042648 |
| 2009 Uncontrolled | 24003 | BNAA | 2265006025 | Commercial | 2.954775 | 0.028123 | 0.07032 |
| 2009 Uncontrolled | 24003 | BNAA | 2265006030 | Commercial | 4.530912 | 0.031113 | 0.190629 |
| 2009 Uncontrolled | 24003 | BNAA | 2265006035 | Commercial | 0.227999 | 0.001595 | 0.006414 |
| 2009 Uncontrolled | 24003 | BNAA | 2265007010 | Logging | 0.057435 | 0.000424 | 0.001997 |
| 2009 Uncontrolled | 24003 | BNAA | 2265007015 | Logging | 0.000697 | 4.51E-06 | 3.32E-05 |
| 2009 Uncontrolled | 24003 | BNAA | 2265008005 | Airport | 0.267775 | 0.009008 | 0.010836 |
| 2009 Uncontrolled | 24003 | BNAA | 2267001060 | Recreational | 0.00483 | 0.001211 | 0.000327 |
| 2009 Uncontrolled | 24003 | BNAA | 2267002003 | Construction and Mining | 0.002952 | 0.000731 | 0.000199 |
| 2009 Uncontrolled | 24003 | BNAA | 2267002015 | Construction and Mining | 0.005102 | 0.001253 | 0.000344 |
| 2009 Uncontrolled | 24003 | BNAA | 2267002021 | Construction and Mining | 0.000773 | 0.000194 | 5.24E-05 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24003 | BNAA | 2267002024 | Construction and Mining | 0.000517 | 0.000128 | 3.49E-05 |
| 2009 Uncontrolled | 24003 | BNAA | 2267002030 | Construction and Mining | 0.009073 | 0.002249 | 0.000613 |
| 2009 Uncontrolled | 24003 | BNAA | 2267002033 | Construction and Mining | 0.002938 | 0.000742 | 0.000199 |
| 2009 Uncontrolled | 24003 | BNAA | 2267002039 | Construction and Mining | 0.00882 | 0.002139 | 0.000593 |
| 2009 Uncontrolled | 24003 | BNAA | 2267002045 | Construction and Mining | 0.003164 | 0.000792 | 0.000214 |
| 2009 Uncontrolled | 24003 | BNAA | 2267002054 | Construction and Mining | 0.000512 | 0.000128 | 3.47E-05 |
| 2009 Uncontrolled | 24003 | BNAA | 2267002057 | Construction and Mining | 0.005756 | 0.001431 | 0.000389 |
| 2009 Uncontrolled | 24003 | BNAA | 2267002060 | Construction and Mining | 0.014464 | 0.003571 | 0.000976 |
| 2009 Uncontrolled | 24003 | BNAA | 2267002066 | Construction and Mining | 0.001527 | 0.000375 | 0.000103 |
| 2009 Uncontrolled | 24003 | BNAA | 2267002072 | Construction and Mining | 0.011766 | 0.002937 | 0.000796 |
| 2009 Uncontrolled | 24003 | BNAA | 2267002081 | Construction and Mining | 0.004742 | 0.001189 | 0.000321 |
| 2009 Uncontrolled | 24003 | BNAA | 2267003010 | Industrial | 0.034352 | 0.008622 | 0.002329 |
| 2009 Uncontrolled | 24003 | BNAA | 2267003020 | Industrial | 3.280531 | 0.812089 | 0.22162 |
| 2009 Uncontrolled | 24003 | BNAA | 2267003030 | Industrial | 0.025275 | 0.006182 | 0.001702 |
| 2009 Uncontrolled | 24003 | BNAA | 2267003040 | Industrial | 0.007745 | 0.00191 | 0.000523 |
| 2009 Uncontrolled | 24003 | BNAA | 2267003050 | Industrial | 0.001855 | 0.000465 | 0.000126 |
| 2009 Uncontrolled | 24003 | BNAA | 2267003070 | Industrial | 0.015493 | 0.003778 | 0.001043 |
| 2009 Uncontrolled | 24003 | BNAA | 2267004066 | Lawn and Garden | 0.131477 | 0.032429 | 0.008874 |
| 2009 Uncontrolled | 24003 | BNAA | 2267005055 | Agricultural | 1.08E-05 | 2.7E-06 | 7.33E-07 |
| 2009 Uncontrolled | 24003 | BNAA | 2267005060 | Agricultural | 1.7E-05 | 4.16E-06 | 1.14E-06 |
| 2009 Uncontrolled | 24003 | BNAA | 2267006005 | Commercial | 0.122545 | 0.045656 | 0.00932 |
| 2009 Uncontrolled | 24003 | BNAA | 2267006010 | Commercial | 0.028975 | 0.010625 | 0.002195 |
| 2009 Uncontrolled | 24003 | BNAA | 2267006015 | Commercial | 0.035343 | 0.012822 | 0.00267 |
| 2009 Uncontrolled | 24003 | BNAA | 2267006025 | Commercial | 0.06379 | 0.015989 | 0.004323 |
| 2009 Uncontrolled | 24003 | BNAA | 2267006030 | Commercial | 0.000814 | 0.000207 | 5.53E-05 |
| 2009 Uncontrolled | 24003 | BNAA | 2267006035 | Commercial | 0.000557 | 0.000201 | 4.21E-05 |
| 2009 Uncontrolled | 24003 | BNAA | 2267008005 | Airport | 0.057097 | 0.014154 | 0.003859 |
| 2009 Uncontrolled | 24003 | BNAA | 2268002081 | Construction and Mining | 0.000186 | 4.67E-05 | 7.45E-07 |
| 2009 Uncontrolled | 24003 | BNAA | 2268003020 | Industrial | 0.231428 | 0.057212 | 0.000921 |
| 2009 Uncontrolled | 24003 | BNAA | 2268003030 | Industrial | 0.000263 | 6.5E-05 | 1.05E-06 |
| 2009 Uncontrolled | 24003 | BNAA | 2268003040 | Industrial | 0.000143 | 3.54E-05 | 5.71E-07 |
| 2009 Uncontrolled | 24003 | BNAA | 2268003060 | Industrial | 0.000834 | 0.000205 | 3.32E-06 |
| 2009 Uncontrolled | 24003 | BNAA | 2268003070 | Industrial | 0.001083 | 0.000264 | 4.3E-06 |
| 2009 Uncontrolled | 24003 | BNAA | 2268005055 | Agricultural | 8.11E-06 | 1.82E-06 | 3.15E-08 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24003 | BNAA | 2268005060 | Agricultural | 8.7E-05 | 1.94E-05 | 3.38E-07 |
| 2009 Uncontrolled | 24003 | BNAA | 2268006005 | Commercial | 0.035518 | 0.013107 | 0.000159 |
| 2009 Uncontrolled | 24003 | BNAA | 2268006010 | Commercial | 0.00183 | 0.000669 | 8.16E-06 |
| 2009 Uncontrolled | 24003 | BNAA | 2268006015 | Commercial | 0.002626 | 0.000949 | 1.17E-05 |
| 2009 Uncontrolled | 24003 | BNAA | 2268006020 | Commercial | 0.152102 | 0.033995 | 0.000591 |
| 2009 Uncontrolled | 24003 | BNAA | 2270001060 | Recreational | 0.012687 | 0.012678 | 0.003368 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002003 | Construction and Mining | 0.019963 | 0.053047 | 0.004153 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002006 | Construction and Mining | 7.13E-05 | 0.000104 | 1.66E-05 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002009 | Construction and Mining | 0.001056 | 0.001598 | 0.000256 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002015 | Construction and Mining | 0.059739 | 0.130509 | 0.011238 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002018 | Construction and Mining | 0.052882 | 0.139779 | 0.007265 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002021 | Construction and Mining | 0.003707 | 0.008096 | 0.000727 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002024 | Construction and Mining | 0.002935 | 0.005322 | 0.000463 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002027 | Construction and Mining | 0.007579 | 0.014328 | 0.002015 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002030 | Construction and Mining | 0.03767 | 0.061076 | 0.006385 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002033 | Construction and Mining | 0.022921 | 0.070432 | 0.005702 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002036 | Construction and Mining | 0.163866 | 0.534667 | 0.036277 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002039 | Construction and Mining | 0.002897 | 0.004095 | 0.000481 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002042 | Construction and Mining | 0.001165 | 0.002668 | 0.000299 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002045 | Construction and Mining | 0.029114 | 0.136768 | 0.008447 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002048 | Construction and Mining | 0.035779 | 0.13537 | 0.00893 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002051 | Construction and Mining | 0.133511 | 0.472103 | 0.025426 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002054 | Construction and Mining | 0.007004 | 0.023733 | 0.001677 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002057 | Construction and Mining | 0.093366 | 0.170062 | 0.016579 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002060 | Construction and Mining | 0.220916 | 0.616004 | 0.041063 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002066 | Construction and Mining | 0.339376 | 0.389198 | 0.081782 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002069 | Construction and Mining | 0.187622 | 0.544104 | 0.034408 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002072 | Construction and Mining | 0.299962 | 0.255236 | 0.07396 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002075 | Construction and Mining | 0.0259 | 0.063192 | 0.003971 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002078 | Construction and Mining | 0.000917 | 0.000817 | 0.000242 |
| 2009 Uncontrolled | 24003 | BNAA | 2270002081 | Construction and Mining | 0.027221 | 0.061166 | 0.004182 |
| 2009 Uncontrolled | 24003 | BNAA | 2270003010 | Industrial | 0.008043 | 0.007519 | 0.002116 |
| 2009 Uncontrolled | 24003 | BNAA | 2270003020 | Industrial | 0.050603 | 0.090964 | 0.008457 |
| 2009 Uncontrolled | 24003 | BNAA | 2270003030 | Industrial | 0.011698 | 0.044302 | 0.003458 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Uncontrolled | 24003 | BNAA | 2270003040 | Industrial | 0.012201 | 0.047402 | 0.003655 |
| 2009 Uncontrolled | 24003 | BNAA | 2270003050 | Industrial | 0.001347 | 0.002152 | 0.000379 |
| 2009 Uncontrolled | 24003 | BNAA | 2270003060 | Industrial | 0.095697 | 0.214275 | 0.022013 |
| 2009 Uncontrolled | 24003 | BNAA | 2270003070 | Industrial | 0.018263 | 0.061135 | 0.004385 |
| 2009 Uncontrolled | 24003 | BNAA | 2270004031 | Lawn and Garden | 1.47E-05 | 2.45E-05 | 4.33E-06 |
| 2009 Uncontrolled | 24003 | BNAA | 2270004046 | Lawn and Garden | 0.07604 | 0.143538 | 0.020459 |
| 2009 Uncontrolled | 24003 | BNAA | 2270004056 | Lawn and Garden | 0.015922 | 0.028623 | 0.004205 |
| 2009 Uncontrolled | 24003 | BNAA | 2270004066 | Lawn and Garden | 0.086323 | 0.231384 | 0.021631 |
| 2009 Uncontrolled | 24003 | BNAA | 2270004071 | Lawn and Garden | 0.008044 | 0.022574 | 0.002071 |
| 2009 Uncontrolled | 24003 | BNAA | 2270004076 | Lawn and Garden | 0.000311 | 0.000601 | 8.08E-05 |
| 2009 Uncontrolled | 24003 | BNAA | 2270005010 | Agricultural | 2.88E-06 | 2.37E-06 | 4.18E-07 |
| 2009 Uncontrolled | 24003 | BNAA | 2270005015 | Agricultural | 0.057117 | 0.117915 | 0.011107 |
| 2009 Uncontrolled | 24003 | BNAA | 2270005020 | Agricultural | 0.004315 | 0.01218 | 0.001008 |
| 2009 Uncontrolled | 24003 | BNAA | 2270005025 | Agricultural | 3.75E-05 | 5.67E-05 | 9.02E-06 |
| 2009 Uncontrolled | 24003 | BNAA | 2270005030 | Agricultural | 8.94E-06 | 1.14E-05 | 1.61E-06 |
| 2009 Uncontrolled | 24003 | BNAA | 2270005035 | Agricultural | 0.000447 | 0.00093 | 0.000121 |
| 2009 Uncontrolled | 24003 | BNAA | 2270005040 | Agricultural | 1.27E-06 | 2.29E-06 | 2.01E-07 |
| 2009 Uncontrolled | 24003 | BNAA | 2270005045 | Agricultural | 0.000494 | 0.000857 | 9.88E-05 |
| 2009 Uncontrolled | 24003 | BNAA | 2270005055 | Agricultural | 0.001167 | 0.002467 | 0.000246 |
| 2009 Uncontrolled | 24003 | BNAA | 2270005060 | Agricultural | 0.000556 | 0.001648 | 0.000158 |
| 2009 Uncontrolled | 24003 | BNAA | 2270006005 | Commercial | 0.072072 | 0.15631 | 0.019491 |
| 2009 Uncontrolled | 24003 | BNAA | 2270006010 | Commercial | 0.017008 | 0.037381 | 0.00441 |
| 2009 Uncontrolled | 24003 | BNAA | 2270006015 | Commercial | 0.037013 | 0.093538 | 0.009241 |
| 2009 Uncontrolled | 24003 | BNAA | 2270006025 | Commercial | 0.058253 | 0.045643 | 0.014592 |
| 2009 Uncontrolled | 24003 | BNAA | 2270006030 | Commercial | 0.002142 | 0.005232 | 0.000627 |
| 2009 Uncontrolled | 24003 | BNAA | 2270006035 | Commercial | 0.001631 | 0.003991 | 0.000409 |
| 2009 Uncontrolled | 24003 | BNAA | 2270007015 | Logging | 0.00449 | 0.016525 | 0.001074 |
| 2009 Uncontrolled | 24003 | BNAA | 2270008005 | Airport | 0.167669 | 0.445918 | 0.030646 |
| 2009 Uncontrolled | 24003 | BNAA | 2282005010 | Pleasure Craft | 7.821086 | 0.175719 | 4.268079 |
| 2009 Uncontrolled | 24003 | BNAA | 2282005015 | Pleasure Craft | 3.037888 | 0.050922 | 1.375652 |
| 2009 Uncontrolled | 24003 | BNAA | 2282010005 | Pleasure Craft | 5.6544 | 0.331076 | 0.450391 |
| 2009 Uncontrolled | 24003 | BNAA | 2282020005 | Pleasure Craft | 0.060121 | 0.381679 | 0.014105 |
| 2009 Uncontrolled | 24003 | BNAA | 2282020010 | Pleasure Craft | 0.000591 | 0.000973 | 0.000186 |
| 2009 Uncontrolled | 24003 | BNAA | 2285002015 | Railroad | 0.003091 | 0.004441 | 0.00076 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24003 | BNAA | 2285004015 | Railroad | 0.009761 | 7.39E-05 | 0.000257 |
| 2009 Uncontrolled | 24003 | BNAA | 2285006015 | Railroad | 4.75E-05 | 1.19E-05 | 3.21E-06 |
| 2009 Uncontrolled | 24005 | BNAA | 2260001010 | Recreational | 0.318213 | 0.001264 | 0.386767 |
| 2009 Uncontrolled | 24005 | BNAA | 2260001030 | Recreational | 0.44184 | 0.001768 | 0.541977 |
| 2009 Uncontrolled | 24005 | BNAA | 2260001060 | Recreational | 0.262751 | 0.002062 | 0.009364 |
| 2009 Uncontrolled | 24005 | BNAA | 2260002006 | Construction and Mining | 0.255267 | 0.001771 | 0.107947 |
| 2009 Uncontrolled | 24005 | BNAA | 2260002009 | Construction and Mining | 0.011605 | 3.09E-05 | 0.005818 |
| 2009 Uncontrolled | 24005 | BNAA | 2260002021 | Construction and Mining | 0.013981 | 3.7E-05 | 0.006966 |
| 2009 Uncontrolled | 24005 | BNAA | 2260002027 | Construction and Mining | 0.000109 | 2.8E-07 | 5.57E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2260002039 | Construction and Mining | 0.674499 | 0.004242 | 0.286384 |
| 2009 Uncontrolled | 24005 | BNAA | 2260002054 | Construction and Mining | 0.002842 | 7.28E-06 | 0.001405 |
| 2009 Uncontrolled | 24005 | BNAA | 2260003030 | Industrial | 0.001807 | 4.63E-06 | 0.000914 |
| 2009 Uncontrolled | 24005 | BNAA | 2260003040 | Industrial | 0.000142 | 3.65E-07 | 7.1E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2260004015 | Lawn and Garden | 0.044309 | 0.000122 | 0.025069 |
| 2009 Uncontrolled | 24005 | BNAA | 2260004016 | Lawn and Garden | 0.262131 | 0.000728 | 0.133631 |
| 2009 Uncontrolled | 24005 | BNAA | 2260004020 | Lawn and Garden | 0.381163 | 0.001046 | 0.236508 |
| 2009 Uncontrolled | 24005 | BNAA | 2260004021 | Lawn and Garden | 2.701816 | 0.01639 | 1.27796 |
| 2009 Uncontrolled | 24005 | BNAA | 2260004025 | Lawn and Garden | 0.858573 | 0.00245 | 0.505107 |
| 2009 Uncontrolled | 24005 | BNAA | 2260004026 | Lawn and Garden | 2.721355 | 0.008919 | 1.393173 |
| 2009 Uncontrolled | 24005 | BNAA | 2260004030 | Lawn and Garden | 0.546592 | 0.001517 | 0.320571 |
| 2009 Uncontrolled | 24005 | BNAA | 2260004031 | Lawn and Garden | 2.838228 | 0.013227 | 1.308006 |
| 2009 Uncontrolled | 24005 | BNAA | 2260004035 | Lawn and Garden | | | 0.042854 |
| 2009 Uncontrolled | 24005 | BNAA | 2260004036 | Lawn and Garden | | | 0.008048 |
| 2009 Uncontrolled | 24005 | BNAA | 2260004071 | Lawn and Garden | 0.001108 | 2.99E-06 | 0.000536 |
| 2009 Uncontrolled | 24005 | BNAA | 2260005035 | Agricultural | 0.001062 | 3.06E-06 | 0.000544 |
| 2009 Uncontrolled | 24005 | BNAA | 2260006005 | Commercial | 0.048983 | 0.000132 | 0.024863 |
| 2009 Uncontrolled | 24005 | BNAA | 2260006010 | Commercial | 0.35487 | 0.000937 | 0.180562 |
| 2009 Uncontrolled | 24005 | BNAA | 2260006015 | Commercial | 0.000133 | 3.41E-07 | 6.59E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2260006035 | Commercial | 0.002094 | 5.37E-06 | 0.001035 |
| 2009 Uncontrolled | 24005 | BNAA | 2260007005 | Logging | 0.014221 | 9.43E-05 | 0.006243 |
| 2009 Uncontrolled | 24005 | BNAA | 2265001010 | Recreational | 0.144267 | 0.001501 | 0.01439 |
| 2009 Uncontrolled | 24005 | BNAA | 2265001030 | Recreational | 1.412926 | 0.014743 | 0.160908 |
| 2009 Uncontrolled | 24005 | BNAA | 2265001050 | Recreational | 4.686983 | 0.028067 | 0.092267 |
| 2009 Uncontrolled | 24005 | BNAA | 2265001060 | Recreational | 0.222069 | 0.001927 | 0.009931 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24005 | BNAA | 2265002003 | Construction and Mining | 0.237075 | 0.002591 | 0.005405 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002006 | Construction and Mining | 0.001896 | 1.28E-05 | 4.31E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002009 | Construction and Mining | 0.437043 | 0.00302 | 0.021505 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002015 | Construction and Mining | 0.441715 | 0.004561 | 0.008906 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002021 | Construction and Mining | 0.861658 | 0.006192 | 0.02952 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002024 | Construction and Mining | 0.387119 | 0.00267 | 0.010974 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002027 | Construction and Mining | 0.019787 | 0.000128 | 0.00077 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002030 | Construction and Mining | 0.724083 | 0.007931 | 0.021703 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002033 | Construction and Mining | 0.211145 | 0.002562 | 0.013493 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002039 | Construction and Mining | 1.769089 | 0.013797 | 0.032505 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002042 | Construction and Mining | 0.737521 | 0.005289 | 0.031261 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002045 | Construction and Mining | 0.029739 | 0.001345 | 0.001143 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002054 | Construction and Mining | 0.105165 | 0.000863 | 0.002867 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002057 | Construction and Mining | 0.038702 | 0.002334 | 0.001707 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002060 | Construction and Mining | 0.092716 | 0.005792 | 0.004117 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002066 | Construction and Mining | 0.563691 | 0.004136 | 0.010629 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002072 | Construction and Mining | 0.25217 | 0.005945 | 0.007415 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002078 | Construction and Mining | 0.114566 | 0.000872 | 0.004504 |
| 2009 Uncontrolled | 24005 | BNAA | 2265002081 | Construction and Mining | 0.032581 | 0.002025 | 0.001496 |
| 2009 Uncontrolled | 24005 | BNAA | 2265003010 | Industrial | 0.183864 | 0.00579 | 0.006282 |
| 2009 Uncontrolled | 24005 | BNAA | 2265003020 | Industrial | 0.406375 | 0.024878 | 0.017694 |
| 2009 Uncontrolled | 24005 | BNAA | 2265003030 | Industrial | 0.175122 | 0.004379 | 0.005456 |
| 2009 Uncontrolled | 24005 | BNAA | 2265003040 | Industrial | 0.444985 | 0.003861 | 0.019182 |
| 2009 Uncontrolled | 24005 | BNAA | 2265003050 | Industrial | 0.014086 | 0.000381 | 0.000448 |
| 2009 Uncontrolled | 24005 | BNAA | 2265003060 | Industrial | 0.014792 | 9.62E-05 | 0.000335 |
| 2009 Uncontrolled | 24005 | BNAA | 2265003070 | Industrial | 0.042568 | 0.002601 | 0.001844 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004010 | Lawn and Garden | 10.36082 | 0.078108 | 1.131772 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004011 | Lawn and Garden | 10.67316 | 0.074668 | 0.818089 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004015 | Lawn and Garden | 0.871218 | 0.006611 | 0.09852 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004016 | Lawn and Garden | 5.193433 | 0.038353 | 0.39403 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004025 | Lawn and Garden | 0.058511 | 0.000434 | 0.006921 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004026 | Lawn and Garden | 0.268688 | 0.001833 | 0.015228 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004030 | Lawn and Garden | 0.111849 | 0.000833 | 0.012233 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004031 | Lawn and Garden | 10.87656 | 0.120105 | 0.281852 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24005 | BNAA | 2265004035 | Lawn and Garden | | | 0.085474 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004036 | Lawn and Garden | | | 0.01791 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004040 | Lawn and Garden | 2.521756 | 0.017145 | 0.110226 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004041 | Lawn and Garden | 1.412531 | 0.009137 | 0.027369 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004046 | Lawn and Garden | 1.484761 | 0.010875 | 0.044955 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004051 | Lawn and Garden | 0.594464 | 0.004419 | 0.047243 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004055 | Lawn and Garden | 33.66493 | 0.234233 | 1.249009 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004056 | Lawn and Garden | 19.09931 | 0.126409 | 0.359593 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004066 | Lawn and Garden | 2.481986 | 0.0454 | 0.057353 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004071 | Lawn and Garden | 57.93079 | 0.477402 | 1.368375 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004075 | Lawn and Garden | 1.053537 | 0.007858 | 0.058395 |
| 2009 Uncontrolled | 24005 | BNAA | 2265004076 | Lawn and Garden | 1.595744 | 0.012057 | 0.089178 |
| 2009 Uncontrolled | 24005 | BNAA | 2265005010 | Agricultural | 0.004384 | 2.83E-05 | 8.28E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2265005015 | Agricultural | 0.008695 | 0.000347 | 0.000286 |
| 2009 Uncontrolled | 24005 | BNAA | 2265005020 | Agricultural | 3.63E-05 | 2.33E-06 | 1.87E-06 |
| 2009 Uncontrolled | 24005 | BNAA | 2265005025 | Agricultural | 0.003922 | 0.000251 | 0.000227 |
| 2009 Uncontrolled | 24005 | BNAA | 2265005030 | Agricultural | 0.003394 | 2.37E-05 | 7.78E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2265005035 | Agricultural | 0.028222 | 0.000413 | 0.001261 |
| 2009 Uncontrolled | 24005 | BNAA | 2265005040 | Agricultural | 0.069066 | 0.000439 | 0.002599 |
| 2009 Uncontrolled | 24005 | BNAA | 2265005045 | Agricultural | 0.006223 | 0.000398 | 0.000329 |
| 2009 Uncontrolled | 24005 | BNAA | 2265005055 | Agricultural | 0.012959 | 0.000474 | 0.000491 |
| 2009 Uncontrolled | 24005 | BNAA | 2265005060 | Agricultural | 0.012105 | 0.000693 | 0.000539 |
| 2009 Uncontrolled | 24005 | BNAA | 2265006005 | Commercial | 15.7374 | 0.109813 | 0.558555 |
| 2009 Uncontrolled | 24005 | BNAA | 2265006010 | Commercial | 3.625037 | 0.034335 | 0.164092 |
| 2009 Uncontrolled | 24005 | BNAA | 2265006015 | Commercial | 1.790152 | 0.024353 | 0.065234 |
| 2009 Uncontrolled | 24005 | BNAA | 2265006025 | Commercial | 4.519596 | 0.043016 | 0.10756 |
| 2009 Uncontrolled | 24005 | BNAA | 2265006030 | Commercial | 6.930439 | 0.047591 | 0.291584 |
| 2009 Uncontrolled | 24005 | BNAA | 2265006035 | Commercial | 0.348744 | 0.00244 | 0.009811 |
| 2009 Uncontrolled | 24005 | BNAA | 2265007010 | Logging | 0.031977 | 0.000236 | 0.001112 |
| 2009 Uncontrolled | 24005 | BNAA | 2265007015 | Logging | 0.000388 | 2.51E-06 | 1.85E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2265008005 | Airport | 0.000192 | 6.47E-06 | 7.78E-06 |
| 2009 Uncontrolled | 24005 | BNAA | 2265010010 | Industrial | 0.044926 | 0.000269 | 0.000729 |
| 2009 Uncontrolled | 24005 | BNAA | 2267001060 | Recreational | 0.002415 | 0.000605 | 0.000164 |
| 2009 Uncontrolled | 24005 | BNAA | 2267002003 | Construction and Mining | 0.006838 | 0.001694 | 0.000462 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24005 | BNAA | 2267002015 | Construction and Mining | 0.011819 | 0.002901 | 0.000797 |
| 2009 Uncontrolled | 24005 | BNAA | 2267002021 | Construction and Mining | 0.001791 | 0.000448 | 0.000121 |
| 2009 Uncontrolled | 24005 | BNAA | 2267002024 | Construction and Mining | 0.001198 | 0.000296 | 8.09E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2267002030 | Construction and Mining | 0.021015 | 0.005208 | 0.00142 |
| 2009 Uncontrolled | 24005 | BNAA | 2267002033 | Construction and Mining | 0.006805 | 0.001718 | 0.000462 |
| 2009 Uncontrolled | 24005 | BNAA | 2267002039 | Construction and Mining | 0.02043 | 0.004954 | 0.001373 |
| 2009 Uncontrolled | 24005 | BNAA | 2267002045 | Construction and Mining | 0.007329 | 0.001834 | 0.000496 |
| 2009 Uncontrolled | 24005 | BNAA | 2267002054 | Construction and Mining | 0.001187 | 0.000297 | 8.04E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2267002057 | Construction and Mining | 0.013332 | 0.003315 | 0.000902 |
| 2009 Uncontrolled | 24005 | BNAA | 2267002060 | Construction and Mining | 0.033504 | 0.008271 | 0.002262 |
| 2009 Uncontrolled | 24005 | BNAA | 2267002066 | Construction and Mining | 0.003537 | 0.000869 | 0.000238 |
| 2009 Uncontrolled | 24005 | BNAA | 2267002072 | Construction and Mining | 0.027253 | 0.006803 | 0.001845 |
| 2009 Uncontrolled | 24005 | BNAA | 2267002081 | Construction and Mining | 0.010984 | 0.002754 | 0.000744 |
| 2009 Uncontrolled | 24005 | BNAA | 2267003010 | Industrial | 0.062867 | 0.015778 | 0.004262 |
| 2009 Uncontrolled | 24005 | BNAA | 2267003020 | Industrial | 6.003633 | 1.486188 | 0.405583 |
| 2009 Uncontrolled | 24005 | BNAA | 2267003030 | Industrial | 0.046254 | 0.011314 | 0.003116 |
| 2009 Uncontrolled | 24005 | BNAA | 2267003040 | Industrial | 0.014173 | 0.003496 | 0.000957 |
| 2009 Uncontrolled | 24005 | BNAA | 2267003050 | Industrial | 0.003396 | 0.000851 | 0.00023 |
| 2009 Uncontrolled | 24005 | BNAA | 2267003070 | Industrial | 0.028353 | 0.006915 | 0.001908 |
| 2009 Uncontrolled | 24005 | BNAA | 2267004066 | Lawn and Garden | 0.158036 | 0.03898 | 0.010667 |
| 2009 Uncontrolled | 24005 | BNAA | 2267005055 | Agricultural | 2.22E-05 | 5.52E-06 | 1.5E-06 |
| 2009 Uncontrolled | 24005 | BNAA | 2267005060 | Agricultural | 3.47E-05 | 8.52E-06 | 2.34E-06 |
| 2009 Uncontrolled | 24005 | BNAA | 2267006005 | Commercial | 0.187443 | 0.069834 | 0.014256 |
| 2009 Uncontrolled | 24005 | BNAA | 2267006010 | Commercial | 0.04432 | 0.016251 | 0.003357 |
| 2009 Uncontrolled | 24005 | BNAA | 2267006015 | Commercial | 0.054061 | 0.019612 | 0.004084 |
| 2009 Uncontrolled | 24005 | BNAA | 2267006025 | Commercial | 0.097572 | 0.024456 | 0.006612 |
| 2009 Uncontrolled | 24005 | BNAA | 2267006030 | Commercial | 0.001245 | 0.000316 | 8.46E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2267006035 | Commercial | 0.000853 | 0.000308 | 6.44E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2267008005 | Airport | 4.1E-05 | 1.02E-05 | 2.77E-06 |
| 2009 Uncontrolled | 24005 | BNAA | 2268002081 | Construction and Mining | 0.000432 | 0.000108 | 1.72E-06 |
| 2009 Uncontrolled | 24005 | BNAA | 2268003020 | Industrial | 0.423532 | 0.104703 | 0.001686 |
| 2009 Uncontrolled | 24005 | BNAA | 2268003030 | Industrial | 0.000482 | 0.000119 | 1.92E-06 |
| 2009 Uncontrolled | 24005 | BNAA | 2268003040 | Industrial | 0.000262 | 6.48E-05 | 1.04E-06 |
| 2009 Uncontrolled | 24005 | BNAA | 2268003060 | Industrial | 0.001277 | 0.000314 | 5.08E-06 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24005 | BNAA | 2268003070 | Industrial | 0.001982 | 0.000483 | 7.86E-06 |
| 2009 Uncontrolled | 24005 | BNAA | 2268005055 | Agricultural | 1.66E-05 | 3.73E-06 | 6.45E-08 |
| 2009 Uncontrolled | 24005 | BNAA | 2268005060 | Agricultural | 0.000178 | 3.98E-05 | 6.91E-07 |
| 2009 Uncontrolled | 24005 | BNAA | 2268006005 | Commercial | 0.054328 | 0.020048 | 0.000243 |
| 2009 Uncontrolled | 24005 | BNAA | 2268006010 | Commercial | 0.002799 | 0.001023 | 1.25E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2268006015 | Commercial | 0.004017 | 0.001452 | 1.79E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2268006020 | Commercial | 0.232654 | 0.051999 | 0.000904 |
| 2009 Uncontrolled | 24005 | BNAA | 2268010010 | Industrial | 0.005033 | 0.001184 | 1.98E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2270001060 | Recreational | 0.006343 | 0.006339 | 0.001684 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002003 | Construction and Mining | 0.046242 | 0.122873 | 0.009619 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002006 | Construction and Mining | 0.000165 | 0.00024 | 3.85E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002009 | Construction and Mining | 0.002445 | 0.003702 | 0.000594 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002015 | Construction and Mining | 0.138374 | 0.302301 | 0.02603 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002018 | Construction and Mining | 0.122493 | 0.323773 | 0.016827 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002021 | Construction and Mining | 0.008587 | 0.018752 | 0.001683 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002024 | Construction and Mining | 0.006799 | 0.012327 | 0.001072 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002027 | Construction and Mining | 0.017555 | 0.033187 | 0.004667 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002030 | Construction and Mining | 0.087256 | 0.141472 | 0.01479 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002033 | Construction and Mining | 0.053092 | 0.163143 | 0.013207 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002036 | Construction and Mining | 0.379565 | 1.238456 | 0.084028 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002039 | Construction and Mining | 0.006711 | 0.009485 | 0.001114 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002042 | Construction and Mining | 0.002699 | 0.006179 | 0.000692 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002045 | Construction and Mining | 0.067436 | 0.316797 | 0.019567 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002048 | Construction and Mining | 0.082875 | 0.31356 | 0.020685 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002051 | Construction and Mining | 0.309254 | 1.093539 | 0.058894 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002054 | Construction and Mining | 0.016224 | 0.054973 | 0.003884 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002057 | Construction and Mining | 0.216264 | 0.393918 | 0.038402 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002060 | Construction and Mining | 0.511711 | 1.426859 | 0.095114 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002066 | Construction and Mining | 0.786101 | 0.901504 | 0.189432 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002069 | Construction and Mining | 0.434592 | 1.260316 | 0.0797 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002072 | Construction and Mining | 0.694806 | 0.591207 | 0.171315 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002075 | Construction and Mining | 0.059992 | 0.146373 | 0.009198 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002078 | Construction and Mining | 0.002125 | 0.001894 | 0.00056 |
| 2009 Uncontrolled | 24005 | BNAA | 2270002081 | Construction and Mining | 0.063053 | 0.14168 | 0.009686 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Uncontrolled | 24005 | BNAA | 2270003010 | Industrial | 0.014719 | 0.01376 | 0.003873 |
| 2009 Uncontrolled | 24005 | BNAA | 2270003020 | Industrial | 0.092607 | 0.16647 | 0.015478 |
| 2009 Uncontrolled | 24005 | BNAA | 2270003030 | Industrial | 0.021408 | 0.081076 | 0.006329 |
| 2009 Uncontrolled | 24005 | BNAA | 2270003040 | Industrial | 0.022328 | 0.086749 | 0.006689 |
| 2009 Uncontrolled | 24005 | BNAA | 2270003050 | Industrial | 0.002466 | 0.003938 | 0.000693 |
| 2009 Uncontrolled | 24005 | BNAA | 2270003060 | Industrial | 0.1465 | 0.328029 | 0.033699 |
| 2009 Uncontrolled | 24005 | BNAA | 2270003070 | Industrial | 0.033423 | 0.111882 | 0.008024 |
| 2009 Uncontrolled | 24005 | BNAA | 2270004031 | Lawn and Garden | 1.76E-05 | 2.94E-05 | 5.21E-06 |
| 2009 Uncontrolled | 24005 | BNAA | 2270004046 | Lawn and Garden | 0.091401 | 0.172533 | 0.024592 |
| 2009 Uncontrolled | 24005 | BNAA | 2270004056 | Lawn and Garden | 0.019138 | 0.034404 | 0.005054 |
| 2009 Uncontrolled | 24005 | BNAA | 2270004066 | Lawn and Garden | 0.103761 | 0.278124 | 0.026 |
| 2009 Uncontrolled | 24005 | BNAA | 2270004071 | Lawn and Garden | 0.009669 | 0.027134 | 0.002489 |
| 2009 Uncontrolled | 24005 | BNAA | 2270004076 | Lawn and Garden | 0.000374 | 0.000722 | 9.71E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2270005010 | Agricultural | 5.89E-06 | 4.85E-06 | 8.55E-07 |
| 2009 Uncontrolled | 24005 | BNAA | 2270005015 | Agricultural | 0.116848 | 0.241225 | 0.022722 |
| 2009 Uncontrolled | 24005 | BNAA | 2270005020 | Agricultural | 0.008828 | 0.024917 | 0.002062 |
| 2009 Uncontrolled | 24005 | BNAA | 2270005025 | Agricultural | 7.68E-05 | 0.000116 | 1.85E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2270005030 | Agricultural | 1.83E-05 | 2.34E-05 | 3.3E-06 |
| 2009 Uncontrolled | 24005 | BNAA | 2270005035 | Agricultural | 0.000915 | 0.001902 | 0.000247 |
| 2009 Uncontrolled | 24005 | BNAA | 2270005040 | Agricultural | 2.6E-06 | 4.68E-06 | 4.11E-07 |
| 2009 Uncontrolled | 24005 | BNAA | 2270005045 | Agricultural | 0.001011 | 0.001753 | 0.000202 |
| 2009 Uncontrolled | 24005 | BNAA | 2270005055 | Agricultural | 0.002387 | 0.005048 | 0.000502 |
| 2009 Uncontrolled | 24005 | BNAA | 2270005060 | Agricultural | 0.001138 | 0.003371 | 0.000323 |
| 2009 Uncontrolled | 24005 | BNAA | 2270006005 | Commercial | 0.11024 | 0.23909 | 0.029814 |
| 2009 Uncontrolled | 24005 | BNAA | 2270006010 | Commercial | 0.026016 | 0.057178 | 0.006746 |
| 2009 Uncontrolled | 24005 | BNAA | 2270006015 | Commercial | 0.056615 | 0.143075 | 0.014135 |
| 2009 Uncontrolled | 24005 | BNAA | 2270006025 | Commercial | 0.089103 | 0.069815 | 0.02232 |
| 2009 Uncontrolled | 24005 | BNAA | 2270006030 | Commercial | 0.003276 | 0.008003 | 0.000958 |
| 2009 Uncontrolled | 24005 | BNAA | 2270006035 | Commercial | 0.002496 | 0.006105 | 0.000626 |
| 2009 Uncontrolled | 24005 | BNAA | 2270007015 | Logging | 0.0025 | 0.0092 | 0.000598 |
| 2009 Uncontrolled | 24005 | BNAA | 2270008005 | Airport | 0.00012 | 0.00032 | 2.2E-05 |
| 2009 Uncontrolled | 24005 | BNAA | 2270010010 | Industrial | 0.000677 | 0.002793 | 0.000168 |
| 2009 Uncontrolled | 24005 | BNAA | 2282005010 | Pleasure Craft | 6.020995 | 0.135275 | 3.285743 |
| 2009 Uncontrolled | 24005 | BNAA | 2282005015 | Pleasure Craft | 2.338691 | 0.039201 | 1.059034 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24005 | BNAA | 2282010005 | Pleasure Craft | 3.238588 | 0.189626 | 0.257964 |
| 2009 Uncontrolled | 24005 | BNAA | 2282020005 | Pleasure Craft | 0.034434 | 0.218608 | 0.008079 |
| 2009 Uncontrolled | 24005 | BNAA | 2282020010 | Pleasure Craft | 0.000455 | 0.000749 | 0.000143 |
| 2009 Uncontrolled | 24005 | BNAA | 2285002015 | Railroad | 0.005968 | 0.008575 | 0.001467 |
| 2009 Uncontrolled | 24005 | BNAA | 2285004015 | Railroad | 0.018847 | 0.000143 | 0.000497 |
| 2009 Uncontrolled | 24005 | BNAA | 2285006015 | Railroad | 9.18E-05 | 2.29E-05 | 6.21E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2260001010 | Recreational | 0.318213 | 0.001264 | 0.386767 |
| 2009 Uncontrolled | 24013 | BNAA | 2260001030 | Recreational | 0.44184 | 0.001768 | 0.541977 |
| 2009 Uncontrolled | 24013 | BNAA | 2260001060 | Recreational | 0.262751 | 0.002062 | 0.009364 |
| 2009 Uncontrolled | 24013 | BNAA | 2260002006 | Construction and Mining | 0.032385 | 0.000225 | 0.013695 |
| 2009 Uncontrolled | 24013 | BNAA | 2260002009 | Construction and Mining | 0.001472 | 3.92E-06 | 0.000738 |
| 2009 Uncontrolled | 24013 | BNAA | 2260002021 | Construction and Mining | 0.001774 | 4.69E-06 | 0.000884 |
| 2009 Uncontrolled | 24013 | BNAA | 2260002027 | Construction and Mining | 1.38E-05 | 3.55E-08 | 7.07E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2260002039 | Construction and Mining | 0.085573 | 0.000538 | 0.036333 |
| 2009 Uncontrolled | 24013 | BNAA | 2260002054 | Construction and Mining | 0.00036 | 9.23E-07 | 0.000178 |
| 2009 Uncontrolled | 24013 | BNAA | 2260003030 | Industrial | 0.000252 | 6.45E-07 | 0.000127 |
| 2009 Uncontrolled | 24013 | BNAA | 2260003040 | Industrial | 1.98E-05 | 5.08E-08 | 9.9E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2260004015 | Lawn and Garden | 0.007901 | 2.18E-05 | 0.00447 |
| 2009 Uncontrolled | 24013 | BNAA | 2260004016 | Lawn and Garden | 0.082644 | 0.00023 | 0.042131 |
| 2009 Uncontrolled | 24013 | BNAA | 2260004020 | Lawn and Garden | 0.067965 | 0.000187 | 0.042172 |
| 2009 Uncontrolled | 24013 | BNAA | 2260004021 | Lawn and Garden | 0.851823 | 0.005167 | 0.402912 |
| 2009 Uncontrolled | 24013 | BNAA | 2260004025 | Lawn and Garden | 0.153092 | 0.000437 | 0.090066 |
| 2009 Uncontrolled | 24013 | BNAA | 2260004026 | Lawn and Garden | 0.857983 | 0.002812 | 0.439236 |
| 2009 Uncontrolled | 24013 | BNAA | 2260004030 | Lawn and Garden | 0.097463 | 0.000271 | 0.057161 |
| 2009 Uncontrolled | 24013 | BNAA | 2260004031 | Lawn and Garden | 0.89483 | 0.00417 | 0.412385 |
| 2009 Uncontrolled | 24013 | BNAA | 2260004035 | Lawn and Garden | | | 0.007641 |
| 2009 Uncontrolled | 24013 | BNAA | 2260004036 | Lawn and Garden | | | 0.002537 |
| 2009 Uncontrolled | 24013 | BNAA | 2260004071 | Lawn and Garden | 0.000349 | 9.43E-07 | 0.000169 |
| 2009 Uncontrolled | 24013 | BNAA | 2260005035 | Agricultural | 0.002753 | 7.92E-06 | 0.001411 |
| 2009 Uncontrolled | 24013 | BNAA | 2260006005 | Commercial | 0.008067 | 2.17E-05 | 0.004095 |
| 2009 Uncontrolled | 24013 | BNAA | 2260006010 | Commercial | 0.058441 | 0.000154 | 0.029735 |
| 2009 Uncontrolled | 24013 | BNAA | 2260006015 | Commercial | 2.19E-05 | 5.62E-08 | 1.09E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2260006035 | Commercial | 0.000345 | 8.84E-07 | 0.00017 |
| 2009 Uncontrolled | 24013 | BNAA | 2260007005 | Logging | 0.010711 | 7.1E-05 | 0.004702 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24013 | BNAA | 2265001010 | Recreational | 0.144267 | 0.001501 | 0.01439 |
| 2009 Uncontrolled | 24013 | BNAA | 2265001030 | Recreational | 1.412926 | 0.014743 | 0.160908 |
| 2009 Uncontrolled | 24013 | BNAA | 2265001050 | Recreational | 1.726783 | 0.01034 | 0.033993 |
| 2009 Uncontrolled | 24013 | BNAA | 2265001060 | Recreational | 0.222069 | 0.001927 | 0.009931 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002003 | Construction and Mining | 0.030077 | 0.000329 | 0.000686 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002006 | Construction and Mining | 0.000241 | 1.63E-06 | 5.47E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002009 | Construction and Mining | 0.055447 | 0.000383 | 0.002728 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002015 | Construction and Mining | 0.05604 | 0.000579 | 0.00113 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002021 | Construction and Mining | 0.109317 | 0.000786 | 0.003745 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002024 | Construction and Mining | 0.049113 | 0.000339 | 0.001392 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002027 | Construction and Mining | 0.00251 | 1.62E-05 | 9.77E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002030 | Construction and Mining | 0.091863 | 0.001006 | 0.002753 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002033 | Construction and Mining | 0.026788 | 0.000325 | 0.001712 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002039 | Construction and Mining | 0.224442 | 0.00175 | 0.004124 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002042 | Construction and Mining | 0.093568 | 0.000671 | 0.003966 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002045 | Construction and Mining | 0.003773 | 0.000171 | 0.000145 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002054 | Construction and Mining | 0.013342 | 0.000109 | 0.000364 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002057 | Construction and Mining | 0.00491 | 0.000296 | 0.000217 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002060 | Construction and Mining | 0.011763 | 0.000735 | 0.000522 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002066 | Construction and Mining | 0.071515 | 0.000525 | 0.001348 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002072 | Construction and Mining | 0.031993 | 0.000754 | 0.000941 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002078 | Construction and Mining | 0.014535 | 0.000111 | 0.000571 |
| 2009 Uncontrolled | 24013 | BNAA | 2265002081 | Construction and Mining | 0.004134 | 0.000257 | 0.00019 |
| 2009 Uncontrolled | 24013 | BNAA | 2265003010 | Industrial | 0.025625 | 0.000807 | 0.000876 |
| 2009 Uncontrolled | 24013 | BNAA | 2265003020 | Industrial | 0.056637 | 0.003467 | 0.002466 |
| 2009 Uncontrolled | 24013 | BNAA | 2265003030 | Industrial | 0.024407 | 0.00061 | 0.00076 |
| 2009 Uncontrolled | 24013 | BNAA | 2265003040 | Industrial | 0.062018 | 0.000538 | 0.002673 |
| 2009 Uncontrolled | 24013 | BNAA | 2265003050 | Industrial | 0.001963 | 5.3E-05 | 6.24E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2265003060 | Industrial | 0.003066 | 1.99E-05 | 6.94E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2265003070 | Industrial | 0.005933 | 0.000362 | 0.000257 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004010 | Lawn and Garden | 1.847435 | 0.013927 | 0.201806 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004011 | Lawn and Garden | 3.365009 | 0.023541 | 0.257925 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004015 | Lawn and Garden | 0.155347 | 0.001179 | 0.017567 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004016 | Lawn and Garden | 1.637374 | 0.012092 | 0.124229 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Uncontrolled | 24013 | BNAA | 2265004025 | Lawn and Garden | 0.010433 | 7.74E-05 | 0.001234 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004026 | Lawn and Garden | 0.084711 | 0.000578 | 0.004801 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004030 | Lawn and Garden | 0.019944 | 0.000149 | 0.002181 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004031 | Lawn and Garden | 3.429138 | 0.037866 | 0.088862 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004035 | Lawn and Garden | | | 0.015241 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004036 | Lawn and Garden | | | 0.005646 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004040 | Lawn and Garden | 0.449654 | 0.003057 | 0.019654 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004041 | Lawn and Garden | 0.44534 | 0.002881 | 0.008629 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004046 | Lawn and Garden | 0.468112 | 0.003429 | 0.014173 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004051 | Lawn and Garden | 0.187421 | 0.001393 | 0.014895 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004055 | Lawn and Garden | 6.002785 | 0.041766 | 0.22271 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004056 | Lawn and Garden | 6.021587 | 0.039854 | 0.113372 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004066 | Lawn and Garden | 0.782515 | 0.014314 | 0.018082 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004071 | Lawn and Garden | 18.26429 | 0.150514 | 0.431418 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004075 | Lawn and Garden | 0.187856 | 0.001401 | 0.010412 |
| 2009 Uncontrolled | 24013 | BNAA | 2265004076 | Lawn and Garden | 0.503103 | 0.003801 | 0.028116 |
| 2009 Uncontrolled | 24013 | BNAA | 2265005010 | Agricultural | 0.011364 | 7.34E-05 | 0.000215 |
| 2009 Uncontrolled | 24013 | BNAA | 2265005015 | Agricultural | 0.022539 | 0.000901 | 0.000742 |
| 2009 Uncontrolled | 24013 | BNAA | 2265005020 | Agricultural | 9.42E-05 | 6.03E-06 | 4.86E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2265005025 | Agricultural | 0.010166 | 0.000651 | 0.000589 |
| 2009 Uncontrolled | 24013 | BNAA | 2265005030 | Agricultural | 0.008799 | 6.13E-05 | 0.000202 |
| 2009 Uncontrolled | 24013 | BNAA | 2265005035 | Agricultural | 0.073161 | 0.00107 | 0.00327 |
| 2009 Uncontrolled | 24013 | BNAA | 2265005040 | Agricultural | 0.179038 | 0.001139 | 0.006736 |
| 2009 Uncontrolled | 24013 | BNAA | 2265005045 | Agricultural | 0.016133 | 0.001033 | 0.000854 |
| 2009 Uncontrolled | 24013 | BNAA | 2265005055 | Agricultural | 0.033593 | 0.001228 | 0.001272 |
| 2009 Uncontrolled | 24013 | BNAA | 2265005060 | Agricultural | 0.03138 | 0.001797 | 0.001397 |
| 2009 Uncontrolled | 24013 | BNAA | 2265006005 | Commercial | 2.591676 | 0.018084 | 0.091984 |
| 2009 Uncontrolled | 24013 | BNAA | 2265006010 | Commercial | 0.59698 | 0.005654 | 0.027023 |
| 2009 Uncontrolled | 24013 | BNAA | 2265006015 | Commercial | 0.294807 | 0.004011 | 0.010743 |
| 2009 Uncontrolled | 24013 | BNAA | 2265006025 | Commercial | 0.744299 | 0.007084 | 0.017713 |
| 2009 Uncontrolled | 24013 | BNAA | 2265006030 | Commercial | 1.141322 | 0.007837 | 0.048019 |
| 2009 Uncontrolled | 24013 | BNAA | 2265006035 | Commercial | 0.057432 | 0.000402 | 0.001616 |
| 2009 Uncontrolled | 24013 | BNAA | 2265007010 | Logging | 0.024083 | 0.000178 | 0.000837 |
| 2009 Uncontrolled | 24013 | BNAA | 2265007015 | Logging | 0.000292 | 1.89E-06 | 1.39E-05 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24013 | BNAA | 2265008005 | Airport | 7.26E-05 | 2.44E-06 | 2.94E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2265010010 | Industrial | 0.044926 | 0.000269 | 0.000729 |
| 2009 Uncontrolled | 24013 | BNAA | 2267001060 | Recreational | 0.002415 | 0.000605 | 0.000164 |
| 2009 Uncontrolled | 24013 | BNAA | 2267002003 | Construction and Mining | 0.000868 | 0.000215 | 5.86E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2267002015 | Construction and Mining | 0.001499 | 0.000368 | 0.000101 |
| 2009 Uncontrolled | 24013 | BNAA | 2267002021 | Construction and Mining | 0.000227 | 5.69E-05 | 1.54E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2267002024 | Construction and Mining | 0.000152 | 3.75E-05 | 1.03E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2267002030 | Construction and Mining | 0.002666 | 0.000661 | 0.00018 |
| 2009 Uncontrolled | 24013 | BNAA | 2267002033 | Construction and Mining | 0.000863 | 0.000218 | 5.86E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2267002039 | Construction and Mining | 0.002592 | 0.000629 | 0.000174 |
| 2009 Uncontrolled | 24013 | BNAA | 2267002045 | Construction and Mining | 0.00093 | 0.000233 | 6.3E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2267002054 | Construction and Mining | 0.000151 | 3.76E-05 | 1.02E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2267002057 | Construction and Mining | 0.001691 | 0.000421 | 0.000114 |
| 2009 Uncontrolled | 24013 | BNAA | 2267002060 | Construction and Mining | 0.004251 | 0.001049 | 0.000287 |
| 2009 Uncontrolled | 24013 | BNAA | 2267002066 | Construction and Mining | 0.000449 | 0.00011 | 3.03E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2267002072 | Construction and Mining | 0.003458 | 0.000863 | 0.000234 |
| 2009 Uncontrolled | 24013 | BNAA | 2267002081 | Construction and Mining | 0.001394 | 0.000349 | 9.44E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2267003010 | Industrial | 0.008762 | 0.002199 | 0.000594 |
| 2009 Uncontrolled | 24013 | BNAA | 2267003020 | Industrial | 0.836734 | 0.207132 | 0.056527 |
| 2009 Uncontrolled | 24013 | BNAA | 2267003030 | Industrial | 0.006447 | 0.001577 | 0.000434 |
| 2009 Uncontrolled | 24013 | BNAA | 2267003040 | Industrial | 0.001975 | 0.000487 | 0.000133 |
| 2009 Uncontrolled | 24013 | BNAA | 2267003050 | Industrial | 0.000473 | 0.000119 | 3.21E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2267003070 | Industrial | 0.003952 | 0.000964 | 0.000266 |
| 2009 Uncontrolled | 24013 | BNAA | 2267004066 | Lawn and Garden | 0.049825 | 0.012289 | 0.003363 |
| 2009 Uncontrolled | 24013 | BNAA | 2267005055 | Agricultural | 5.75E-05 | 1.43E-05 | 3.89E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2267005060 | Agricultural | 9E-05 | 2.21E-05 | 6.07E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2267006005 | Commercial | 0.030869 | 0.011501 | 0.002348 |
| 2009 Uncontrolled | 24013 | BNAA | 2267006010 | Commercial | 0.007299 | 0.002676 | 0.000553 |
| 2009 Uncontrolled | 24013 | BNAA | 2267006015 | Commercial | 0.008903 | 0.00323 | 0.000673 |
| 2009 Uncontrolled | 24013 | BNAA | 2267006025 | Commercial | 0.016068 | 0.004028 | 0.001089 |
| 2009 Uncontrolled | 24013 | BNAA | 2267006030 | Commercial | 0.000205 | 5.2E-05 | 1.39E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2267006035 | Commercial | 0.00014 | 5.07E-05 | 1.06E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2267008005 | Airport | 1.55E-05 | 3.84E-06 | 1.05E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2268002081 | Construction and Mining | 5.48E-05 | 1.37E-05 | 2.19E-07 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24013 | BNAA | 2268003020 | Industrial | 0.059028 | 0.014593 | 0.000235 |
| 2009 Uncontrolled | 24013 | BNAA | 2268003030 | Industrial | 6.71E-05 | 1.66E-05 | 2.67E-07 |
| 2009 Uncontrolled | 24013 | BNAA | 2268003040 | Industrial | 3.66E-05 | 9.03E-06 | 1.46E-07 |
| 2009 Uncontrolled | 24013 | BNAA | 2268003060 | Industrial | 0.000265 | 6.51E-05 | 1.05E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2268003070 | Industrial | 0.000276 | 6.73E-05 | 1.1E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2268005055 | Agricultural | 4.3E-05 | 9.67E-06 | 1.67E-07 |
| 2009 Uncontrolled | 24013 | BNAA | 2268005060 | Agricultural | 0.000461 | 0.000103 | 1.79E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2268006005 | Commercial | 0.008947 | 0.003302 | 4E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2268006010 | Commercial | 0.000461 | 0.000169 | 2.06E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2268006015 | Commercial | 0.000662 | 0.000239 | 2.94E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2268006020 | Commercial | 0.038314 | 0.008563 | 0.000149 |
| 2009 Uncontrolled | 24013 | BNAA | 2268010010 | Industrial | 0.005033 | 0.001184 | 1.98E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2270001060 | Recreational | 0.006343 | 0.006339 | 0.001684 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002003 | Construction and Mining | 0.005867 | 0.015589 | 0.00122 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002006 | Construction and Mining | 2.09E-05 | 3.04E-05 | 4.89E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002009 | Construction and Mining | 0.00031 | 0.00047 | 7.53E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002015 | Construction and Mining | 0.017555 | 0.038353 | 0.003302 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002018 | Construction and Mining | 0.01554 | 0.041077 | 0.002135 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002021 | Construction and Mining | 0.001089 | 0.002379 | 0.000214 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002024 | Construction and Mining | 0.000863 | 0.001564 | 0.000136 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002027 | Construction and Mining | 0.002227 | 0.00421 | 0.000592 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002030 | Construction and Mining | 0.01107 | 0.017948 | 0.001876 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002033 | Construction and Mining | 0.006736 | 0.020698 | 0.001676 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002036 | Construction and Mining | 0.048155 | 0.157121 | 0.010661 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002039 | Construction and Mining | 0.000851 | 0.001203 | 0.000141 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002042 | Construction and Mining | 0.000342 | 0.000784 | 8.78E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002045 | Construction and Mining | 0.008556 | 0.040192 | 0.002482 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002048 | Construction and Mining | 0.010514 | 0.039781 | 0.002624 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002051 | Construction and Mining | 0.039235 | 0.138736 | 0.007472 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002054 | Construction and Mining | 0.002058 | 0.006974 | 0.000493 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002057 | Construction and Mining | 0.027437 | 0.049976 | 0.004872 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002060 | Construction and Mining | 0.06492 | 0.181024 | 0.012067 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002066 | Construction and Mining | 0.099732 | 0.114373 | 0.024033 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002069 | Construction and Mining | 0.055136 | 0.159895 | 0.010111 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24013 | BNAA | 2270002072 | Construction and Mining | 0.088149 | 0.075006 | 0.021735 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002075 | Construction and Mining | 0.007611 | 0.01857 | 0.001167 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002078 | Construction and Mining | 0.00027 | 0.00024 | 7.11E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2270002081 | Construction and Mining | 0.007999 | 0.017975 | 0.001229 |
| 2009 Uncontrolled | 24013 | BNAA | 2270003010 | Industrial | 0.002051 | 0.001918 | 0.00054 |
| 2009 Uncontrolled | 24013 | BNAA | 2270003020 | Industrial | 0.012907 | 0.023201 | 0.002157 |
| 2009 Uncontrolled | 24013 | BNAA | 2270003030 | Industrial | 0.002984 | 0.0113 | 0.000882 |
| 2009 Uncontrolled | 24013 | BNAA | 2270003040 | Industrial | 0.003112 | 0.01209 | 0.000932 |
| 2009 Uncontrolled | 24013 | BNAA | 2270003050 | Industrial | 0.000344 | 0.000549 | 9.66E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2270003060 | Industrial | 0.030367 | 0.067995 | 0.006985 |
| 2009 Uncontrolled | 24013 | BNAA | 2270003070 | Industrial | 0.004658 | 0.015593 | 0.001118 |
| 2009 Uncontrolled | 24013 | BNAA | 2270004031 | Lawn and Garden | 5.56E-06 | 9.27E-06 | 1.64E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2270004046 | Lawn and Garden | 0.028817 | 0.054396 | 0.007753 |
| 2009 Uncontrolled | 24013 | BNAA | 2270004056 | Lawn and Garden | 0.006034 | 0.010847 | 0.001593 |
| 2009 Uncontrolled | 24013 | BNAA | 2270004066 | Lawn and Garden | 0.032713 | 0.087686 | 0.008197 |
| 2009 Uncontrolled | 24013 | BNAA | 2270004071 | Lawn and Garden | 0.003048 | 0.008555 | 0.000785 |
| 2009 Uncontrolled | 24013 | BNAA | 2270004076 | Lawn and Garden | 0.000118 | 0.000228 | 3.06E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2270005010 | Agricultural | 1.53E-05 | 1.26E-05 | 2.22E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2270005015 | Agricultural | 0.302904 | 0.625325 | 0.058901 |
| 2009 Uncontrolled | 24013 | BNAA | 2270005020 | Agricultural | 0.022884 | 0.064593 | 0.005346 |
| 2009 Uncontrolled | 24013 | BNAA | 2270005025 | Agricultural | 0.000199 | 0.000301 | 4.78E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2270005030 | Agricultural | 4.74E-05 | 6.07E-05 | 8.55E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2270005035 | Agricultural | 0.002372 | 0.004931 | 0.000639 |
| 2009 Uncontrolled | 24013 | BNAA | 2270005040 | Agricultural | 6.73E-06 | 1.21E-05 | 1.07E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2270005045 | Agricultural | 0.002622 | 0.004544 | 0.000524 |
| 2009 Uncontrolled | 24013 | BNAA | 2270005055 | Agricultural | 0.006188 | 0.013085 | 0.001303 |
| 2009 Uncontrolled | 24013 | BNAA | 2270005060 | Agricultural | 0.00295 | 0.008738 | 0.000838 |
| 2009 Uncontrolled | 24013 | BNAA | 2270006005 | Commercial | 0.018155 | 0.039374 | 0.00491 |
| 2009 Uncontrolled | 24013 | BNAA | 2270006010 | Commercial | 0.004284 | 0.009416 | 0.001111 |
| 2009 Uncontrolled | 24013 | BNAA | 2270006015 | Commercial | 0.009323 | 0.023562 | 0.002328 |
| 2009 Uncontrolled | 24013 | BNAA | 2270006025 | Commercial | 0.014674 | 0.011497 | 0.003676 |
| 2009 Uncontrolled | 24013 | BNAA | 2270006030 | Commercial | 0.00054 | 0.001318 | 0.000158 |
| 2009 Uncontrolled | 24013 | BNAA | 2270006035 | Commercial | 0.000411 | 0.001005 | 0.000103 |
| 2009 Uncontrolled | 24013 | BNAA | 2270007015 | Logging | 0.001883 | 0.006929 | 0.00045 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24013 | BNAA | 2270008005 | Airport | 4.54E-05 | 0.000121 | 8.3E-06 |
| 2009 Uncontrolled | 24013 | BNAA | 2270010010 | Industrial | 0.000677 | 0.002793 | 0.000168 |
| 2009 Uncontrolled | 24013 | BNAA | 2282005010 | Pleasure Craft | 0.496577 | 0.011157 | 0.270989 |
| 2009 Uncontrolled | 24013 | BNAA | 2282005015 | Pleasure Craft | 0.192882 | 0.003233 | 0.087343 |
| 2009 Uncontrolled | 24013 | BNAA | 2282010005 | Pleasure Craft | 0.140047 | 0.0082 | 0.011155 |
| 2009 Uncontrolled | 24013 | BNAA | 2282020005 | Pleasure Craft | 0.001489 | 0.009453 | 0.000349 |
| 2009 Uncontrolled | 24013 | BNAA | 2282020010 | Pleasure Craft | 3.75E-05 | 6.18E-05 | 1.18E-05 |
| 2009 Uncontrolled | 24013 | BNAA | 2285002015 | Railroad | 0.001711 | 0.002459 | 0.000421 |
| 2009 Uncontrolled | 24013 | BNAA | 2285004015 | Railroad | 0.005404 | 4.09E-05 | 0.000142 |
| 2009 Uncontrolled | 24013 | BNAA | 2285006015 | Railroad | 2.63E-05 | 6.57E-06 | 1.78E-06 |
| 2009 Uncontrolled | 24025 | BNAA | 2260001010 | Recreational | 0.530356 | 0.002106 | 0.644612 |
| 2009 Uncontrolled | 24025 | BNAA | 2260001030 | Recreational | 0.736401 | 0.002947 | 0.903296 |
| 2009 Uncontrolled | 24025 | BNAA | 2260001060 | Recreational | 0.437918 | 0.003437 | 0.015606 |
| 2009 Uncontrolled | 24025 | BNAA | 2260002006 | Construction and Mining | 0.068239 | 0.000473 | 0.028857 |
| 2009 Uncontrolled | 24025 | BNAA | 2260002009 | Construction and Mining | 0.003102 | 8.25E-06 | 0.001555 |
| 2009 Uncontrolled | 24025 | BNAA | 2260002021 | Construction and Mining | 0.003737 | 9.88E-06 | 0.001862 |
| 2009 Uncontrolled | 24025 | BNAA | 2260002027 | Construction and Mining | 2.92E-05 | 7.47E-08 | 1.49E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2260002039 | Construction and Mining | 0.180309 | 0.001134 | 0.076557 |
| 2009 Uncontrolled | 24025 | BNAA | 2260002054 | Construction and Mining | 0.00076 | 1.95E-06 | 0.000376 |
| 2009 Uncontrolled | 24025 | BNAA | 2260003030 | Industrial | 0.000407 | 1.04E-06 | 0.000206 |
| 2009 Uncontrolled | 24025 | BNAA | 2260003040 | Industrial | 3.2E-05 | 8.21E-08 | 1.6E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2260004015 | Lawn and Garden | 0.012048 | 3.32E-05 | 0.006817 |
| 2009 Uncontrolled | 24025 | BNAA | 2260004016 | Lawn and Garden | 0.060254 | 0.000167 | 0.030716 |
| 2009 Uncontrolled | 24025 | BNAA | 2260004020 | Lawn and Garden | 0.103642 | 0.000284 | 0.064309 |
| 2009 Uncontrolled | 24025 | BNAA | 2260004021 | Lawn and Garden | 0.621042 | 0.003767 | 0.293753 |
| 2009 Uncontrolled | 24025 | BNAA | 2260004025 | Lawn and Garden | 0.233455 | 0.000666 | 0.137344 |
| 2009 Uncontrolled | 24025 | BNAA | 2260004026 | Lawn and Garden | 0.625534 | 0.00205 | 0.320236 |
| 2009 Uncontrolled | 24025 | BNAA | 2260004030 | Lawn and Garden | 0.148624 | 0.000413 | 0.087166 |
| 2009 Uncontrolled | 24025 | BNAA | 2260004031 | Lawn and Garden | 0.652398 | 0.00304 | 0.30066 |
| 2009 Uncontrolled | 24025 | BNAA | 2260004035 | Lawn and Garden | | | 0.011652 |
| 2009 Uncontrolled | 24025 | BNAA | 2260004036 | Lawn and Garden | | | 0.00185 |
| 2009 Uncontrolled | 24025 | BNAA | 2260004071 | Lawn and Garden | 0.000255 | 6.88E-07 | 0.000123 |
| 2009 Uncontrolled | 24025 | BNAA | 2260005035 | Agricultural | 0.001254 | 3.61E-06 | 0.000643 |
| 2009 Uncontrolled | 24025 | BNAA | 2260006005 | Commercial | 0.010934 | 2.94E-05 | 0.00555 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24025 | BNAA | 2260006010 | Commercial | 0.079212 | 0.000209 | 0.040304 |
| 2009 Uncontrolled | 24025 | BNAA | 2260006015 | Commercial | 2.97E-05 | 7.61E-08 | 1.47E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2260006035 | Commercial | 0.000468 | 1.2E-06 | 0.000231 |
| 2009 Uncontrolled | 24025 | BNAA | 2260007005 | Logging | 0.016179 | 0.000107 | 0.007102 |
| 2009 Uncontrolled | 24025 | BNAA | 2265001010 | Recreational | 0.240445 | 0.002502 | 0.023983 |
| 2009 Uncontrolled | 24025 | BNAA | 2265001030 | Recreational | 2.354877 | 0.024572 | 0.268181 |
| 2009 Uncontrolled | 24025 | BNAA | 2265001050 | Recreational | 2.22015 | 0.013295 | 0.043705 |
| 2009 Uncontrolled | 24025 | BNAA | 2265001060 | Recreational | 0.370115 | 0.003212 | 0.016551 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002003 | Construction and Mining | 0.063375 | 0.000693 | 0.001445 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002006 | Construction and Mining | 0.000507 | 3.43E-06 | 1.15E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002009 | Construction and Mining | 0.116831 | 0.000807 | 0.005749 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002015 | Construction and Mining | 0.11808 | 0.001219 | 0.002381 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002021 | Construction and Mining | 0.23034 | 0.001655 | 0.007891 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002024 | Construction and Mining | 0.103486 | 0.000714 | 0.002934 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002027 | Construction and Mining | 0.00529 | 3.41E-05 | 0.000206 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002030 | Construction and Mining | 0.193563 | 0.00212 | 0.005802 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002033 | Construction and Mining | 0.056444 | 0.000685 | 0.003607 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002039 | Construction and Mining | 0.472917 | 0.003688 | 0.008689 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002042 | Construction and Mining | 0.197156 | 0.001414 | 0.008357 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002045 | Construction and Mining | 0.00795 | 0.00036 | 0.000306 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002054 | Construction and Mining | 0.028113 | 0.000231 | 0.000767 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002057 | Construction and Mining | 0.010346 | 0.000624 | 0.000456 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002060 | Construction and Mining | 0.024785 | 0.001548 | 0.0011 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002066 | Construction and Mining | 0.150687 | 0.001106 | 0.002841 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002072 | Construction and Mining | 0.067411 | 0.001589 | 0.001982 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002078 | Construction and Mining | 0.030626 | 0.000233 | 0.001204 |
| 2009 Uncontrolled | 24025 | BNAA | 2265002081 | Construction and Mining | 0.00871 | 0.000541 | 0.0004 |
| 2009 Uncontrolled | 24025 | BNAA | 2265003010 | Industrial | 0.041382 | 0.001303 | 0.001414 |
| 2009 Uncontrolled | 24025 | BNAA | 2265003020 | Industrial | 0.091462 | 0.005599 | 0.003982 |
| 2009 Uncontrolled | 24025 | BNAA | 2265003030 | Industrial | 0.039415 | 0.000986 | 0.001228 |
| 2009 Uncontrolled | 24025 | BNAA | 2265003040 | Industrial | 0.100152 | 0.000869 | 0.004317 |
| 2009 Uncontrolled | 24025 | BNAA | 2265003050 | Industrial | 0.00317 | 8.57E-05 | 0.000101 |
| 2009 Uncontrolled | 24025 | BNAA | 2265003060 | Industrial | 0.004375 | 2.85E-05 | 9.9E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2265003070 | Industrial | 0.009581 | 0.000585 | 0.000415 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Uncontrolled | 24025 | BNAA | 2265004010 | Lawn and Garden | 2.817215 | 0.021238 | 0.307741 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004011 | Lawn and Garden | 2.453344 | 0.017163 | 0.188047 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004015 | Lawn and Garden | 0.236893 | 0.001798 | 0.026789 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004016 | Lawn and Garden | 1.193768 | 0.008816 | 0.090572 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004025 | Lawn and Garden | 0.01591 | 0.000118 | 0.001882 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004026 | Lawn and Garden | 0.061761 | 0.000421 | 0.0035 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004030 | Lawn and Garden | 0.030413 | 0.000226 | 0.003326 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004031 | Lawn and Garden | 2.500098 | 0.027607 | 0.064787 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004035 | Lawn and Garden | | | 0.023241 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004036 | Lawn and Garden | | | 0.004117 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004040 | Lawn and Garden | 0.685692 | 0.004662 | 0.029972 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004041 | Lawn and Garden | 0.324686 | 0.0021 | 0.006291 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004046 | Lawn and Garden | 0.341289 | 0.0025 | 0.010333 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004051 | Lawn and Garden | 0.136644 | 0.001016 | 0.010859 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004055 | Lawn and Garden | 9.153844 | 0.06369 | 0.339618 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004056 | Lawn and Garden | 4.390188 | 0.029056 | 0.082656 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004066 | Lawn and Garden | 0.570512 | 0.010436 | 0.013183 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004071 | Lawn and Garden | 13.31603 | 0.109736 | 0.314536 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004075 | Lawn and Garden | 0.286468 | 0.002137 | 0.015878 |
| 2009 Uncontrolled | 24025 | BNAA | 2265004076 | Lawn and Garden | 0.366799 | 0.002771 | 0.020498 |
| 2009 Uncontrolled | 24025 | BNAA | 2265005010 | Agricultural | 0.005176 | 3.34E-05 | 9.78E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2265005015 | Agricultural | 0.010267 | 0.00041 | 0.000338 |
| 2009 Uncontrolled | 24025 | BNAA | 2265005020 | Agricultural | 4.29E-05 | 2.75E-06 | 2.21E-06 |
| 2009 Uncontrolled | 24025 | BNAA | 2265005025 | Agricultural | 0.004631 | 0.000296 | 0.000268 |
| 2009 Uncontrolled | 24025 | BNAA | 2265005030 | Agricultural | 0.004008 | 2.79E-05 | 9.19E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2265005035 | Agricultural | 0.033327 | 0.000487 | 0.001489 |
| 2009 Uncontrolled | 24025 | BNAA | 2265005040 | Agricultural | 0.081557 | 0.000519 | 0.003069 |
| 2009 Uncontrolled | 24025 | BNAA | 2265005045 | Agricultural | 0.007349 | 0.00047 | 0.000389 |
| 2009 Uncontrolled | 24025 | BNAA | 2265005055 | Agricultural | 0.015303 | 0.000559 | 0.000579 |
| 2009 Uncontrolled | 24025 | BNAA | 2265005060 | Agricultural | 0.014294 | 0.000819 | 0.000636 |
| 2009 Uncontrolled | 24025 | BNAA | 2265006005 | Commercial | 3.512814 | 0.024512 | 0.124678 |
| 2009 Uncontrolled | 24025 | BNAA | 2265006010 | Commercial | 0.80916 | 0.007664 | 0.036628 |
| 2009 Uncontrolled | 24025 | BNAA | 2265006015 | Commercial | 0.399587 | 0.005436 | 0.014561 |
| 2009 Uncontrolled | 24025 | BNAA | 2265006025 | Commercial | 1.008838 | 0.009602 | 0.024009 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24025 | BNAA | 2265006030 | Commercial | 1.546973 | 0.010623 | 0.065086 |
| 2009 Uncontrolled | 24025 | BNAA | 2265006035 | Commercial | 0.077845 | 0.000545 | 0.00219 |
| 2009 Uncontrolled | 24025 | BNAA | 2265007010 | Logging | 0.036379 | 0.000269 | 0.001265 |
| 2009 Uncontrolled | 24025 | BNAA | 2265007015 | Logging | 0.000442 | 2.86E-06 | 2.1E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2265010010 | Industrial | 0.020421 | 0.000122 | 0.000331 |
| 2009 Uncontrolled | 24025 | BNAA | 2267001060 | Recreational | 0.004025 | 0.001009 | 0.000273 |
| 2009 Uncontrolled | 24025 | BNAA | 2267002003 | Construction and Mining | 0.001828 | 0.000453 | 0.000124 |
| 2009 Uncontrolled | 24025 | BNAA | 2267002015 | Construction and Mining | 0.003159 | 0.000776 | 0.000213 |
| 2009 Uncontrolled | 24025 | BNAA | 2267002021 | Construction and Mining | 0.000479 | 0.00012 | 3.24E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2267002024 | Construction and Mining | 0.00032 | 7.91E-05 | 2.16E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2267002030 | Construction and Mining | 0.005618 | 0.001392 | 0.00038 |
| 2009 Uncontrolled | 24025 | BNAA | 2267002033 | Construction and Mining | 0.001819 | 0.000459 | 0.000124 |
| 2009 Uncontrolled | 24025 | BNAA | 2267002039 | Construction and Mining | 0.005461 | 0.001324 | 0.000367 |
| 2009 Uncontrolled | 24025 | BNAA | 2267002045 | Construction and Mining | 0.001959 | 0.00049 | 0.000133 |
| 2009 Uncontrolled | 24025 | BNAA | 2267002054 | Construction and Mining | 0.000317 | 7.93E-05 | 2.15E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2267002057 | Construction and Mining | 0.003564 | 0.000886 | 0.000241 |
| 2009 Uncontrolled | 24025 | BNAA | 2267002060 | Construction and Mining | 0.008956 | 0.002211 | 0.000605 |
| 2009 Uncontrolled | 24025 | BNAA | 2267002066 | Construction and Mining | 0.000945 | 0.000232 | 6.38E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2267002072 | Construction and Mining | 0.007285 | 0.001818 | 0.000493 |
| 2009 Uncontrolled | 24025 | BNAA | 2267002081 | Construction and Mining | 0.002936 | 0.000736 | 0.000199 |
| 2009 Uncontrolled | 24025 | BNAA | 2267003010 | Industrial | 0.014149 | 0.003551 | 0.000959 |
| 2009 Uncontrolled | 24025 | BNAA | 2267003020 | Industrial | 1.35123 | 0.334494 | 0.091284 |
| 2009 Uncontrolled | 24025 | BNAA | 2267003030 | Industrial | 0.01041 | 0.002546 | 0.000701 |
| 2009 Uncontrolled | 24025 | BNAA | 2267003040 | Industrial | 0.00319 | 0.000787 | 0.000215 |
| 2009 Uncontrolled | 24025 | BNAA | 2267003050 | Industrial | 0.000764 | 0.000192 | 5.18E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2267003070 | Industrial | 0.006381 | 0.001556 | 0.00043 |
| 2009 Uncontrolled | 24025 | BNAA | 2267004066 | Lawn and Garden | 0.036326 | 0.00896 | 0.002452 |
| 2009 Uncontrolled | 24025 | BNAA | 2267005055 | Agricultural | 2.62E-05 | 6.52E-06 | 1.77E-06 |
| 2009 Uncontrolled | 24025 | BNAA | 2267005060 | Agricultural | 4.1E-05 | 1.01E-05 | 2.76E-06 |
| 2009 Uncontrolled | 24025 | BNAA | 2267006005 | Commercial | 0.04184 | 0.015588 | 0.003182 |
| 2009 Uncontrolled | 24025 | BNAA | 2267006010 | Commercial | 0.009893 | 0.003628 | 0.000749 |
| 2009 Uncontrolled | 24025 | BNAA | 2267006015 | Commercial | 0.012067 | 0.004378 | 0.000912 |
| 2009 Uncontrolled | 24025 | BNAA | 2267006025 | Commercial | 0.021779 | 0.005459 | 0.001476 |
| 2009 Uncontrolled | 24025 | BNAA | 2267006030 | Commercial | 0.000278 | 7.05E-05 | 1.89E-05 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24025 | BNAA | 2267006035 | Commercial | 0.00019 | 6.88E-05 | 1.44E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2268002081 | Construction and Mining | 0.000115 | 2.89E-05 | 4.61E-07 |
| 2009 Uncontrolled | 24025 | BNAA | 2268003020 | Industrial | 0.095324 | 0.023565 | 0.000379 |
| 2009 Uncontrolled | 24025 | BNAA | 2268003030 | Industrial | 0.000108 | 2.68E-05 | 4.31E-07 |
| 2009 Uncontrolled | 24025 | BNAA | 2268003040 | Industrial | 5.9E-05 | 1.46E-05 | 2.35E-07 |
| 2009 Uncontrolled | 24025 | BNAA | 2268003060 | Industrial | 0.000378 | 9.29E-05 | 1.5E-06 |
| 2009 Uncontrolled | 24025 | BNAA | 2268003070 | Industrial | 0.000446 | 0.000109 | 1.77E-06 |
| 2009 Uncontrolled | 24025 | BNAA | 2268005055 | Agricultural | 1.96E-05 | 4.4E-06 | 7.62E-08 |
| 2009 Uncontrolled | 24025 | BNAA | 2268005060 | Agricultural | 0.00021 | 4.7E-05 | 8.16E-07 |
| 2009 Uncontrolled | 24025 | BNAA | 2268006005 | Commercial | 0.012127 | 0.004475 | 5.42E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2268006010 | Commercial | 0.000625 | 0.000228 | 2.79E-06 |
| 2009 Uncontrolled | 24025 | BNAA | 2268006015 | Commercial | 0.000897 | 0.000324 | 3.99E-06 |
| 2009 Uncontrolled | 24025 | BNAA | 2268006020 | Commercial | 0.051932 | 0.011607 | 0.000202 |
| 2009 Uncontrolled | 24025 | BNAA | 2268010010 | Industrial | 0.002288 | 0.000538 | 9E-06 |
| 2009 Uncontrolled | 24025 | BNAA | 2270001060 | Recreational | 0.010572 | 0.010565 | 0.002807 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002003 | Construction and Mining | 0.012361 | 0.032847 | 0.002571 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002006 | Construction and Mining | 4.41E-05 | 6.41E-05 | 1.03E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002009 | Construction and Mining | 0.000654 | 0.00099 | 0.000159 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002015 | Construction and Mining | 0.03699 | 0.080812 | 0.006958 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002018 | Construction and Mining | 0.032745 | 0.086552 | 0.004498 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002021 | Construction and Mining | 0.002295 | 0.005013 | 0.00045 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002024 | Construction and Mining | 0.001818 | 0.003295 | 0.000287 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002027 | Construction and Mining | 0.004693 | 0.008872 | 0.001248 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002030 | Construction and Mining | 0.023325 | 0.037819 | 0.003954 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002033 | Construction and Mining | 0.014193 | 0.043612 | 0.003531 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002036 | Construction and Mining | 0.101466 | 0.331067 | 0.022463 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002039 | Construction and Mining | 0.001794 | 0.002536 | 0.000298 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002042 | Construction and Mining | 0.000721 | 0.001652 | 0.000185 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002045 | Construction and Mining | 0.018027 | 0.084687 | 0.005231 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002048 | Construction and Mining | 0.022154 | 0.083822 | 0.00553 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002051 | Construction and Mining | 0.08267 | 0.292327 | 0.015744 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002054 | Construction and Mining | 0.004337 | 0.014696 | 0.001038 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002057 | Construction and Mining | 0.057812 | 0.105303 | 0.010266 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002060 | Construction and Mining | 0.136792 | 0.381431 | 0.025426 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24025 | BNAA | 2270002066 | Construction and Mining | 0.210142 | 0.240992 | 0.050639 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002069 | Construction and Mining | 0.116176 | 0.336911 | 0.021306 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002072 | Construction and Mining | 0.185737 | 0.158043 | 0.045796 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002075 | Construction and Mining | 0.016037 | 0.039129 | 0.002459 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002078 | Construction and Mining | 0.000568 | 0.000506 | 0.00015 |
| 2009 Uncontrolled | 24025 | BNAA | 2270002081 | Construction and Mining | 0.016855 | 0.037874 | 0.002589 |
| 2009 Uncontrolled | 24025 | BNAA | 2270003010 | Industrial | 0.003313 | 0.003097 | 0.000872 |
| 2009 Uncontrolled | 24025 | BNAA | 2270003020 | Industrial | 0.020843 | 0.037467 | 0.003484 |
| 2009 Uncontrolled | 24025 | BNAA | 2270003030 | Industrial | 0.004818 | 0.018248 | 0.001425 |
| 2009 Uncontrolled | 24025 | BNAA | 2270003040 | Industrial | 0.005025 | 0.019525 | 0.001505 |
| 2009 Uncontrolled | 24025 | BNAA | 2270003050 | Industrial | 0.000555 | 0.000886 | 0.000156 |
| 2009 Uncontrolled | 24025 | BNAA | 2270003060 | Industrial | 0.043335 | 0.097032 | 0.009968 |
| 2009 Uncontrolled | 24025 | BNAA | 2270003070 | Industrial | 0.007522 | 0.025181 | 0.001806 |
| 2009 Uncontrolled | 24025 | BNAA | 2270004031 | Lawn and Garden | 4.06E-06 | 6.76E-06 | 1.2E-06 |
| 2009 Uncontrolled | 24025 | BNAA | 2270004046 | Lawn and Garden | 0.021009 | 0.039659 | 0.005653 |
| 2009 Uncontrolled | 24025 | BNAA | 2270004056 | Lawn and Garden | 0.004399 | 0.007908 | 0.001162 |
| 2009 Uncontrolled | 24025 | BNAA | 2270004066 | Lawn and Garden | 0.023851 | 0.06393 | 0.005976 |
| 2009 Uncontrolled | 24025 | BNAA | 2270004071 | Lawn and Garden | 0.002223 | 0.006237 | 0.000572 |
| 2009 Uncontrolled | 24025 | BNAA | 2270004076 | Lawn and Garden | 8.6E-05 | 0.000166 | 2.23E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2270005010 | Agricultural | 6.95E-06 | 5.73E-06 | 1.01E-06 |
| 2009 Uncontrolled | 24025 | BNAA | 2270005015 | Agricultural | 0.137981 | 0.284852 | 0.026831 |
| 2009 Uncontrolled | 24025 | BNAA | 2270005020 | Agricultural | 0.010424 | 0.029424 | 0.002435 |
| 2009 Uncontrolled | 24025 | BNAA | 2270005025 | Agricultural | 9.07E-05 | 0.000137 | 2.18E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2270005030 | Agricultural | 2.16E-05 | 2.76E-05 | 3.9E-06 |
| 2009 Uncontrolled | 24025 | BNAA | 2270005035 | Agricultural | 0.001081 | 0.002246 | 0.000291 |
| 2009 Uncontrolled | 24025 | BNAA | 2270005040 | Agricultural | 3.07E-06 | 5.53E-06 | 4.86E-07 |
| 2009 Uncontrolled | 24025 | BNAA | 2270005045 | Agricultural | 0.001194 | 0.00207 | 0.000239 |
| 2009 Uncontrolled | 24025 | BNAA | 2270005055 | Agricultural | 0.002819 | 0.005961 | 0.000593 |
| 2009 Uncontrolled | 24025 | BNAA | 2270005060 | Agricultural | 0.001344 | 0.003981 | 0.000382 |
| 2009 Uncontrolled | 24025 | BNAA | 2270006005 | Commercial | 0.024607 | 0.053368 | 0.006655 |
| 2009 Uncontrolled | 24025 | BNAA | 2270006010 | Commercial | 0.005807 | 0.012763 | 0.001506 |
| 2009 Uncontrolled | 24025 | BNAA | 2270006015 | Commercial | 0.012637 | 0.031936 | 0.003155 |
| 2009 Uncontrolled | 24025 | BNAA | 2270006025 | Commercial | 0.019889 | 0.015584 | 0.004982 |
| 2009 Uncontrolled | 24025 | BNAA | 2270006030 | Commercial | 0.000731 | 0.001786 | 0.000214 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24025 | BNAA | 2270006035 | Commercial | 0.000557 | 0.001363 | 0.00014 |
| 2009 Uncontrolled | 24025 | BNAA | 2270007015 | Logging | 0.002844 | 0.010467 | 0.00068 |
| 2009 Uncontrolled | 24025 | BNAA | 2270010010 | Industrial | 0.000308 | 0.001269 | 7.65E-05 |
| 2009 Uncontrolled | 24025 | BNAA | 2282005010 | Pleasure Craft | 4.593336 | 0.1032 | 2.50665 |
| 2009 Uncontrolled | 24025 | BNAA | 2282005015 | Pleasure Craft | 1.784156 | 0.029906 | 0.807923 |
| 2009 Uncontrolled | 24025 | BNAA | 2282010005 | Pleasure Craft | 2.923482 | 0.171176 | 0.232865 |
| 2009 Uncontrolled | 24025 | BNAA | 2282020005 | Pleasure Craft | 0.031084 | 0.197338 | 0.007292 |
| 2009 Uncontrolled | 24025 | BNAA | 2282020010 | Pleasure Craft | 0.000347 | 0.000572 | 0.000109 |
| 2009 Uncontrolled | 24025 | BNAA | 2285002015 | Railroad | 0.003124 | 0.004488 | 0.000768 |
| 2009 Uncontrolled | 24025 | BNAA | 2285004015 | Railroad | 0.009865 | 7.47E-05 | 0.00026 |
| 2009 Uncontrolled | 24025 | BNAA | 2285006015 | Railroad | 4.81E-05 | 1.2E-05 | 3.25E-06 |
| 2009 Uncontrolled | 24027 | BNAA | 2260001010 | Recreational | 0.106071 | 0.000421 | 0.128922 |
| 2009 Uncontrolled | 24027 | BNAA | 2260001030 | Recreational | 0.14728 | 0.000589 | 0.180659 |
| 2009 Uncontrolled | 24027 | BNAA | 2260001060 | Recreational | 0.087584 | 0.000687 | 0.003121 |
| 2009 Uncontrolled | 24027 | BNAA | 2260002006 | Construction and Mining | 0.048981 | 0.00034 | 0.020713 |
| 2009 Uncontrolled | 24027 | BNAA | 2260002009 | Construction and Mining | 0.002227 | 5.92E-06 | 0.001116 |
| 2009 Uncontrolled | 24027 | BNAA | 2260002021 | Construction and Mining | 0.002683 | 7.1E-06 | 0.001337 |
| 2009 Uncontrolled | 24027 | BNAA | 2260002027 | Construction and Mining | 2.09E-05 | 5.36E-08 | 1.07E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2260002039 | Construction and Mining | 0.129423 | 0.000814 | 0.054951 |
| 2009 Uncontrolled | 24027 | BNAA | 2260002054 | Construction and Mining | 0.000545 | 1.4E-06 | 0.00027 |
| 2009 Uncontrolled | 24027 | BNAA | 2260003030 | Industrial | 0.000552 | 1.42E-06 | 0.000279 |
| 2009 Uncontrolled | 24027 | BNAA | 2260003040 | Industrial | 4.35E-05 | 1.11E-07 | 2.17E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2260004015 | Lawn and Garden | 0.013429 | 3.7E-05 | 0.007598 |
| 2009 Uncontrolled | 24027 | BNAA | 2260004016 | Lawn and Garden | 0.177303 | 0.000492 | 0.090386 |
| 2009 Uncontrolled | 24027 | BNAA | 2260004020 | Lawn and Garden | 0.115523 | 0.000317 | 0.071681 |
| 2009 Uncontrolled | 24027 | BNAA | 2260004021 | Lawn and Garden | 1.827478 | 0.011086 | 0.864398 |
| 2009 Uncontrolled | 24027 | BNAA | 2260004025 | Lawn and Garden | 0.260216 | 0.000743 | 0.153087 |
| 2009 Uncontrolled | 24027 | BNAA | 2260004026 | Lawn and Garden | 1.840694 | 0.006033 | 0.942326 |
| 2009 Uncontrolled | 24027 | BNAA | 2260004030 | Lawn and Garden | 0.165661 | 0.00046 | 0.097158 |
| 2009 Uncontrolled | 24027 | BNAA | 2260004031 | Lawn and Garden | 1.919746 | 0.008946 | 0.884721 |
| 2009 Uncontrolled | 24027 | BNAA | 2260004035 | Lawn and Garden | | | 0.012988 |
| 2009 Uncontrolled | 24027 | BNAA | 2260004036 | Lawn and Garden | | | 0.005444 |
| 2009 Uncontrolled | 24027 | BNAA | 2260004071 | Lawn and Garden | 0.000749 | 2.02E-06 | 0.000363 |
| 2009 Uncontrolled | 24027 | BNAA | 2260005035 | Agricultural | 0.000569 | 1.64E-06 | 0.000292 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24027 | BNAA | 2260006005 | Commercial | 0.02906 | 7.81E-05 | 0.01475 |
| 2009 Uncontrolled | 24027 | BNAA | 2260006010 | Commercial | 0.210528 | 0.000556 | 0.107119 |
| 2009 Uncontrolled | 24027 | BNAA | 2260006015 | Commercial | 7.9E-05 | 2.02E-07 | 3.91E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2260006035 | Commercial | 0.001243 | 3.18E-06 | 0.000614 |
| 2009 Uncontrolled | 24027 | BNAA | 2260007005 | Logging | 0.007298 | 4.84E-05 | 0.003203 |
| 2009 Uncontrolled | 24027 | BNAA | 2265001010 | Recreational | 0.048089 | 0.0005 | 0.004797 |
| 2009 Uncontrolled | 24027 | BNAA | 2265001030 | Recreational | 0.470975 | 0.004914 | 0.053636 |
| 2009 Uncontrolled | 24027 | BNAA | 2265001050 | Recreational | 1.726783 | 0.01034 | 0.033993 |
| 2009 Uncontrolled | 24027 | BNAA | 2265001060 | Recreational | 0.074023 | 0.000642 | 0.00331 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002003 | Construction and Mining | 0.04549 | 0.000497 | 0.001037 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002006 | Construction and Mining | 0.000364 | 2.46E-06 | 8.27E-06 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002009 | Construction and Mining | 0.08386 | 0.000579 | 0.004126 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002015 | Construction and Mining | 0.084756 | 0.000875 | 0.001709 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002021 | Construction and Mining | 0.165335 | 0.001188 | 0.005664 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002024 | Construction and Mining | 0.07428 | 0.000512 | 0.002106 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002027 | Construction and Mining | 0.003797 | 2.45E-05 | 0.000148 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002030 | Construction and Mining | 0.138937 | 0.001522 | 0.004164 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002033 | Construction and Mining | 0.040515 | 0.000492 | 0.002589 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002039 | Construction and Mining | 0.339453 | 0.002647 | 0.006237 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002042 | Construction and Mining | 0.141515 | 0.001015 | 0.005998 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002045 | Construction and Mining | 0.005706 | 0.000258 | 0.000219 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002054 | Construction and Mining | 0.020179 | 0.000165 | 0.00055 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002057 | Construction and Mining | 0.007426 | 0.000448 | 0.000328 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002060 | Construction and Mining | 0.01779 | 0.001111 | 0.00079 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002066 | Construction and Mining | 0.108161 | 0.000794 | 0.002039 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002072 | Construction and Mining | 0.048386 | 0.001141 | 0.001423 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002078 | Construction and Mining | 0.021983 | 0.000167 | 0.000864 |
| 2009 Uncontrolled | 24027 | BNAA | 2265002081 | Construction and Mining | 0.006252 | 0.000389 | 0.000287 |
| 2009 Uncontrolled | 24027 | BNAA | 2265003010 | Industrial | 0.056203 | 0.00177 | 0.00192 |
| 2009 Uncontrolled | 24027 | BNAA | 2265003020 | Industrial | 0.12422 | 0.007605 | 0.005409 |
| 2009 Uncontrolled | 24027 | BNAA | 2265003030 | Industrial | 0.053531 | 0.001339 | 0.001668 |
| 2009 Uncontrolled | 24027 | BNAA | 2265003040 | Industrial | 0.136022 | 0.00118 | 0.005864 |
| 2009 Uncontrolled | 24027 | BNAA | 2265003050 | Industrial | 0.004306 | 0.000116 | 0.000137 |
| 2009 Uncontrolled | 24027 | BNAA | 2265003060 | Industrial | 0.005002 | 3.25E-05 | 0.000113 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Uncontrolled | 24027 | BNAA | 2265003070 | Industrial | 0.013012 | 0.000795 | 0.000564 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004010 | Lawn and Garden | 3.140149 | 0.023673 | 0.343017 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004011 | Lawn and Garden | 7.219205 | 0.050505 | 0.553346 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004015 | Lawn and Garden | 0.264048 | 0.002004 | 0.029859 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004016 | Lawn and Garden | 3.512781 | 0.025942 | 0.266518 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004025 | Lawn and Garden | 0.017733 | 0.000132 | 0.002098 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004026 | Lawn and Garden | 0.181738 | 0.00124 | 0.0103 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004030 | Lawn and Garden | 0.033899 | 0.000252 | 0.003707 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004031 | Lawn and Garden | 7.356785 | 0.081238 | 0.190641 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004035 | Lawn and Garden | | | 0.025905 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004036 | Lawn and Garden | | | 0.012114 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004040 | Lawn and Garden | 0.764292 | 0.005196 | 0.033407 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004041 | Lawn and Garden | 0.95542 | 0.00618 | 0.018512 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004046 | Lawn and Garden | 1.004276 | 0.007356 | 0.030407 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004051 | Lawn and Garden | 0.402089 | 0.002989 | 0.031954 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004055 | Lawn and Garden | 10.20314 | 0.070991 | 0.378549 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004056 | Lawn and Garden | 12.91856 | 0.085501 | 0.243225 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004066 | Lawn and Garden | 1.678788 | 0.030708 | 0.038793 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004071 | Lawn and Garden | 39.18374 | 0.322909 | 0.925553 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004075 | Lawn and Garden | 0.319305 | 0.002382 | 0.017698 |
| 2009 Uncontrolled | 24027 | BNAA | 2265004076 | Lawn and Garden | 1.079344 | 0.008155 | 0.060319 |
| 2009 Uncontrolled | 24027 | BNAA | 2265005010 | Agricultural | 0.002348 | 1.52E-05 | 4.43E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2265005015 | Agricultural | 0.004658 | 0.000186 | 0.000153 |
| 2009 Uncontrolled | 24027 | BNAA | 2265005020 | Agricultural | 1.95E-05 | 1.25E-06 | 1E-06 |
| 2009 Uncontrolled | 24027 | BNAA | 2265005025 | Agricultural | 0.002101 | 0.000134 | 0.000122 |
| 2009 Uncontrolled | 24027 | BNAA | 2265005030 | Agricultural | 0.001818 | 1.27E-05 | 4.17E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2265005035 | Agricultural | 0.015118 | 0.000221 | 0.000676 |
| 2009 Uncontrolled | 24027 | BNAA | 2265005040 | Agricultural | 0.036997 | 0.000235 | 0.001392 |
| 2009 Uncontrolled | 24027 | BNAA | 2265005045 | Agricultural | 0.003334 | 0.000213 | 0.000176 |
| 2009 Uncontrolled | 24027 | BNAA | 2265005055 | Agricultural | 0.006942 | 0.000254 | 0.000263 |
| 2009 Uncontrolled | 24027 | BNAA | 2265005060 | Agricultural | 0.006484 | 0.000371 | 0.000289 |
| 2009 Uncontrolled | 24027 | BNAA | 2265006005 | Commercial | 9.336279 | 0.065147 | 0.331365 |
| 2009 Uncontrolled | 24027 | BNAA | 2265006010 | Commercial | 2.150567 | 0.020369 | 0.097348 |
| 2009 Uncontrolled | 24027 | BNAA | 2265006015 | Commercial | 1.062015 | 0.014448 | 0.0387 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24027 | BNAA | 2265006025 | Commercial | 2.681268 | 0.02552 | 0.063811 |
| 2009 Uncontrolled | 24027 | BNAA | 2265006030 | Commercial | 4.111511 | 0.028233 | 0.172984 |
| 2009 Uncontrolled | 24027 | BNAA | 2265006035 | Commercial | 0.206894 | 0.001448 | 0.00582 |
| 2009 Uncontrolled | 24027 | BNAA | 2265007010 | Logging | 0.016409 | 0.000121 | 0.00057 |
| 2009 Uncontrolled | 24027 | BNAA | 2265007015 | Logging | 0.000199 | 1.29E-06 | 9.49E-06 |
| 2009 Uncontrolled | 24027 | BNAA | 2265010010 | Industrial | 0.016337 | 9.78E-05 | 0.000265 |
| 2009 Uncontrolled | 24027 | BNAA | 2267001060 | Recreational | 0.000805 | 0.000202 | 5.46E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2267002003 | Construction and Mining | 0.001312 | 0.000325 | 8.87E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2267002015 | Construction and Mining | 0.002268 | 0.000557 | 0.000153 |
| 2009 Uncontrolled | 24027 | BNAA | 2267002021 | Construction and Mining | 0.000344 | 8.6E-05 | 2.33E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2267002024 | Construction and Mining | 0.00023 | 5.68E-05 | 1.55E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2267002030 | Construction and Mining | 0.004032 | 0.000999 | 0.000272 |
| 2009 Uncontrolled | 24027 | BNAA | 2267002033 | Construction and Mining | 0.001306 | 0.00033 | 8.86E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2267002039 | Construction and Mining | 0.00392 | 0.000951 | 0.000263 |
| 2009 Uncontrolled | 24027 | BNAA | 2267002045 | Construction and Mining | 0.001406 | 0.000352 | 9.53E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2267002054 | Construction and Mining | 0.000228 | 5.69E-05 | 1.54E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2267002057 | Construction and Mining | 0.002558 | 0.000636 | 0.000173 |
| 2009 Uncontrolled | 24027 | BNAA | 2267002060 | Construction and Mining | 0.006429 | 0.001587 | 0.000434 |
| 2009 Uncontrolled | 24027 | BNAA | 2267002066 | Construction and Mining | 0.000679 | 0.000167 | 4.58E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2267002072 | Construction and Mining | 0.005229 | 0.001305 | 0.000354 |
| 2009 Uncontrolled | 24027 | BNAA | 2267002081 | Construction and Mining | 0.002108 | 0.000528 | 0.000143 |
| 2009 Uncontrolled | 24027 | BNAA | 2267003010 | Industrial | 0.019217 | 0.004823 | 0.001303 |
| 2009 Uncontrolled | 24027 | BNAA | 2267003020 | Industrial | 1.835177 | 0.454295 | 0.123978 |
| 2009 Uncontrolled | 24027 | BNAA | 2267003030 | Industrial | 0.014139 | 0.003458 | 0.000952 |
| 2009 Uncontrolled | 24027 | BNAA | 2267003040 | Industrial | 0.004332 | 0.001069 | 0.000292 |
| 2009 Uncontrolled | 24027 | BNAA | 2267003050 | Industrial | 0.001038 | 0.00026 | 7.03E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2267003070 | Industrial | 0.008667 | 0.002114 | 0.000583 |
| 2009 Uncontrolled | 24027 | BNAA | 2267004066 | Lawn and Garden | 0.106894 | 0.026365 | 0.007215 |
| 2009 Uncontrolled | 24027 | BNAA | 2267005055 | Agricultural | 1.19E-05 | 2.96E-06 | 8.03E-07 |
| 2009 Uncontrolled | 24027 | BNAA | 2267005060 | Agricultural | 1.86E-05 | 4.56E-06 | 1.25E-06 |
| 2009 Uncontrolled | 24027 | BNAA | 2267006005 | Commercial | 0.111201 | 0.04143 | 0.008458 |
| 2009 Uncontrolled | 24027 | BNAA | 2267006010 | Commercial | 0.026293 | 0.009641 | 0.001992 |
| 2009 Uncontrolled | 24027 | BNAA | 2267006015 | Commercial | 0.032072 | 0.011635 | 0.002423 |
| 2009 Uncontrolled | 24027 | BNAA | 2267006025 | Commercial | 0.057885 | 0.014509 | 0.003923 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24027 | BNAA | 2267006030 | Commercial | 0.000739 | 0.000187 | 5.02E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2267006035 | Commercial | 0.000506 | 0.000183 | 3.82E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2268002081 | Construction and Mining | 8.28E-05 | 2.08E-05 | 3.31E-07 |
| 2009 Uncontrolled | 24027 | BNAA | 2268003020 | Industrial | 0.129464 | 0.032005 | 0.000515 |
| 2009 Uncontrolled | 24027 | BNAA | 2268003030 | Industrial | 0.000147 | 3.64E-05 | 5.86E-07 |
| 2009 Uncontrolled | 24027 | BNAA | 2268003040 | Industrial | 8.02E-05 | 1.98E-05 | 3.19E-07 |
| 2009 Uncontrolled | 24027 | BNAA | 2268003060 | Industrial | 0.000432 | 0.000106 | 1.72E-06 |
| 2009 Uncontrolled | 24027 | BNAA | 2268003070 | Industrial | 0.000606 | 0.000148 | 2.4E-06 |
| 2009 Uncontrolled | 24027 | BNAA | 2268005055 | Agricultural | 8.88E-06 | 2E-06 | 3.46E-08 |
| 2009 Uncontrolled | 24027 | BNAA | 2268005060 | Agricultural | 9.53E-05 | 2.13E-05 | 3.7E-07 |
| 2009 Uncontrolled | 24027 | BNAA | 2268006005 | Commercial | 0.03223 | 0.011893 | 0.000144 |
| 2009 Uncontrolled | 24027 | BNAA | 2268006010 | Commercial | 0.00166 | 0.000607 | 7.41E-06 |
| 2009 Uncontrolled | 24027 | BNAA | 2268006015 | Commercial | 0.002383 | 0.000861 | 1.06E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2268006020 | Commercial | 0.138023 | 0.030848 | 0.000536 |
| 2009 Uncontrolled | 24027 | BNAA | 2268010010 | Industrial | 0.00183 | 0.00043 | 7.2E-06 |
| 2009 Uncontrolled | 24027 | BNAA | 2270001060 | Recreational | 0.002114 | 0.002113 | 0.000561 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002003 | Construction and Mining | 0.008873 | 0.023577 | 0.001846 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002006 | Construction and Mining | 3.17E-05 | 4.6E-05 | 7.39E-06 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002009 | Construction and Mining | 0.000469 | 0.00071 | 0.000114 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002015 | Construction and Mining | 0.026551 | 0.058006 | 0.004995 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002018 | Construction and Mining | 0.023504 | 0.062125 | 0.003229 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002021 | Construction and Mining | 0.001648 | 0.003598 | 0.000323 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002024 | Construction and Mining | 0.001305 | 0.002365 | 0.000206 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002027 | Construction and Mining | 0.003368 | 0.006368 | 0.000896 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002030 | Construction and Mining | 0.016743 | 0.027146 | 0.002838 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002033 | Construction and Mining | 0.010187 | 0.031304 | 0.002534 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002036 | Construction and Mining | 0.072831 | 0.237635 | 0.016123 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002039 | Construction and Mining | 0.001288 | 0.00182 | 0.000214 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002042 | Construction and Mining | 0.000518 | 0.001186 | 0.000133 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002045 | Construction and Mining | 0.01294 | 0.060787 | 0.003754 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002048 | Construction and Mining | 0.015902 | 0.060166 | 0.003969 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002051 | Construction and Mining | 0.05934 | 0.209828 | 0.011301 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002054 | Construction and Mining | 0.003113 | 0.010548 | 0.000745 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002057 | Construction and Mining | 0.041497 | 0.075585 | 0.007369 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|-------------------------|----------|----------|----------|
| 2009 Uncontrolled | 24027 | BNAA | 2270002060 | Construction and Mining | 0.098187 | 0.273785 | 0.01825 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002066 | Construction and Mining | 0.150837 | 0.172981 | 0.036348 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002069 | Construction and Mining | 0.083389 | 0.241829 | 0.015293 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002072 | Construction and Mining | 0.133319 | 0.113441 | 0.032872 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002075 | Construction and Mining | 0.011511 | 0.028086 | 0.001765 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002078 | Construction and Mining | 0.000408 | 0.000363 | 0.000107 |
| 2009 Uncontrolled | 24027 | BNAA | 2270002081 | Construction and Mining | 0.012099 | 0.027185 | 0.001859 |
| 2009 Uncontrolled | 24027 | BNAA | 2270003010 | Industrial | 0.004499 | 0.004206 | 0.001184 |
| 2009 Uncontrolled | 24027 | BNAA | 2270003020 | Industrial | 0.028308 | 0.050886 | 0.004731 |
| 2009 Uncontrolled | 24027 | BNAA | 2270003030 | Industrial | 0.006544 | 0.024783 | 0.001935 |
| 2009 Uncontrolled | 24027 | BNAA | 2270003040 | Industrial | 0.006825 | 0.026517 | 0.002045 |
| 2009 Uncontrolled | 24027 | BNAA | 2270003050 | Industrial | 0.000754 | 0.001204 | 0.000212 |
| 2009 Uncontrolled | 24027 | BNAA | 2270003060 | Industrial | 0.049537 | 0.110919 | 0.011395 |
| 2009 Uncontrolled | 24027 | BNAA | 2270003070 | Industrial | 0.010217 | 0.0342 | 0.002453 |
| 2009 Uncontrolled | 24027 | BNAA | 2270004031 | Lawn and Garden | 1.19E-05 | 1.99E-05 | 3.52E-06 |
| 2009 Uncontrolled | 24027 | BNAA | 2270004046 | Lawn and Garden | 0.061822 | 0.1167 | 0.016634 |
| 2009 Uncontrolled | 24027 | BNAA | 2270004056 | Lawn and Garden | 0.012945 | 0.023271 | 0.003419 |
| 2009 Uncontrolled | 24027 | BNAA | 2270004066 | Lawn and Garden | 0.070182 | 0.18812 | 0.017586 |
| 2009 Uncontrolled | 24027 | BNAA | 2270004071 | Lawn and Garden | 0.00654 | 0.018353 | 0.001683 |
| 2009 Uncontrolled | 24027 | BNAA | 2270004076 | Lawn and Garden | 0.000253 | 0.000489 | 6.57E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2270005010 | Agricultural | 3.15E-06 | 2.6E-06 | 4.58E-07 |
| 2009 Uncontrolled | 24027 | BNAA | 2270005015 | Agricultural | 0.062593 | 0.12922 | 0.012172 |
| 2009 Uncontrolled | 24027 | BNAA | 2270005020 | Agricultural | 0.004729 | 0.013348 | 0.001105 |
| 2009 Uncontrolled | 24027 | BNAA | 2270005025 | Agricultural | 4.11E-05 | 6.21E-05 | 9.89E-06 |
| 2009 Uncontrolled | 24027 | BNAA | 2270005030 | Agricultural | 9.8E-06 | 1.25E-05 | 1.77E-06 |
| 2009 Uncontrolled | 24027 | BNAA | 2270005035 | Agricultural | 0.00049 | 0.001019 | 0.000132 |
| 2009 Uncontrolled | 24027 | BNAA | 2270005040 | Agricultural | 1.39E-06 | 2.51E-06 | 2.2E-07 |
| 2009 Uncontrolled | 24027 | BNAA | 2270005045 | Agricultural | 0.000542 | 0.000939 | 0.000108 |
| 2009 Uncontrolled | 24027 | BNAA | 2270005055 | Agricultural | 0.001279 | 0.002704 | 0.000269 |
| 2009 Uncontrolled | 24027 | BNAA | 2270005060 | Agricultural | 0.00061 | 0.001806 | 0.000173 |
| 2009 Uncontrolled | 24027 | BNAA | 2270006005 | Commercial | 0.065401 | 0.141841 | 0.017687 |
| 2009 Uncontrolled | 24027 | BNAA | 2270006010 | Commercial | 0.015434 | 0.033921 | 0.004002 |
| 2009 Uncontrolled | 24027 | BNAA | 2270006015 | Commercial | 0.033587 | 0.08488 | 0.008385 |
| 2009 Uncontrolled | 24027 | BNAA | 2270006025 | Commercial | 0.05286 | 0.041418 | 0.013241 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Uncontrolled | 24027 | BNAA | 2270006030 | Commercial | 0.001944 | 0.004748 | 0.000569 |
| 2009 Uncontrolled | 24027 | BNAA | 2270006035 | Commercial | 0.00148 | 0.003622 | 0.000371 |
| 2009 Uncontrolled | 24027 | BNAA | 2270007015 | Logging | 0.001283 | 0.004721 | 0.000307 |
| 2009 Uncontrolled | 24027 | BNAA | 2270010010 | Industrial | 0.000246 | 0.001015 | 6.12E-05 |
| 2009 Uncontrolled | 24027 | BNAA | 2282005010 | Pleasure Craft | 0.248288 | 0.005578 | 0.135495 |
| 2009 Uncontrolled | 24027 | BNAA | 2282005015 | Pleasure Craft | 0.096441 | 0.001617 | 0.043671 |
| 2009 Uncontrolled | 24027 | BNAA | 2282010005 | Pleasure Craft | 0.070024 | 0.0041 | 0.005578 |
| 2009 Uncontrolled | 24027 | BNAA | 2282020005 | Pleasure Craft | 0.000745 | 0.004727 | 0.000175 |
| 2009 Uncontrolled | 24027 | BNAA | 2282020010 | Pleasure Craft | 1.88E-05 | 3.09E-05 | 5.9E-06 |
| 2009 Uncontrolled | 24027 | BNAA | 2285002015 | Railroad | 0.003923 | 0.005636 | 0.000964 |
| 2009 Uncontrolled | 24027 | BNAA | 2285004015 | Railroad | 0.012387 | 9.38E-05 | 0.000326 |
| 2009 Uncontrolled | 24027 | BNAA | 2285006015 | Railroad | 6.03E-05 | 1.51E-05 | 4.08E-06 |
| 2009 Uncontrolled | 24510 | BNAA | 2260003030 | Industrial | 0.001371 | 3.51E-06 | 0.000694 |
| 2009 Uncontrolled | 24510 | BNAA | 2260003040 | Industrial | 0.000108 | 2.77E-07 | 5.39E-05 |
| 2009 Uncontrolled | 24510 | BNAA | 2260004015 | Lawn and Garden | 0.041172 | 0.000113 | 0.023294 |
| 2009 Uncontrolled | 24510 | BNAA | 2260004016 | Lawn and Garden | 0.032948 | 9.15E-05 | 0.016797 |
| 2009 Uncontrolled | 24510 | BNAA | 2260004020 | Lawn and Garden | 0.354172 | 0.000972 | 0.21976 |
| 2009 Uncontrolled | 24510 | BNAA | 2260004021 | Lawn and Garden | 0.339603 | 0.00206 | 0.160632 |
| 2009 Uncontrolled | 24510 | BNAA | 2260004025 | Lawn and Garden | 0.797776 | 0.002277 | 0.469339 |
| 2009 Uncontrolled | 24510 | BNAA | 2260004026 | Lawn and Garden | 0.342059 | 0.001121 | 0.175114 |
| 2009 Uncontrolled | 24510 | BNAA | 2260004030 | Lawn and Garden | 0.507886 | 0.00141 | 0.29787 |
| 2009 Uncontrolled | 24510 | BNAA | 2260004031 | Lawn and Garden | 0.35675 | 0.001663 | 0.164409 |
| 2009 Uncontrolled | 24510 | BNAA | 2260004035 | Lawn and Garden | | | 0.039819 |
| 2009 Uncontrolled | 24510 | BNAA | 2260004036 | Lawn and Garden | | | 0.001012 |
| 2009 Uncontrolled | 24510 | BNAA | 2260004071 | Lawn and Garden | 0.000139 | 3.76E-07 | 6.74E-05 |
| 2009 Uncontrolled | 24510 | BNAA | 2260006005 | Commercial | 0.030906 | 8.3E-05 | 0.015687 |
| 2009 Uncontrolled | 24510 | BNAA | 2260006010 | Commercial | 0.223906 | 0.000591 | 0.113926 |
| 2009 Uncontrolled | 24510 | BNAA | 2260006015 | Commercial | 8.4E-05 | 2.15E-07 | 4.16E-05 |
| 2009 Uncontrolled | 24510 | BNAA | 2260006035 | Commercial | 0.001321 | 3.39E-06 | 0.000653 |
| 2009 Uncontrolled | 24510 | BNAA | 2265001050 | Recreational | 1.233417 | 0.007386 | 0.024281 |
| 2009 Uncontrolled | 24510 | BNAA | 2265003010 | Industrial | 0.139502 | 0.004393 | 0.004766 |
| 2009 Uncontrolled | 24510 | BNAA | 2265003020 | Industrial | 0.308326 | 0.018876 | 0.013425 |
| 2009 Uncontrolled | 24510 | BNAA | 2265003030 | Industrial | 0.132869 | 0.003322 | 0.004139 |
| 2009 Uncontrolled | 24510 | BNAA | 2265003040 | Industrial | 0.33762 | 0.002929 | 0.014554 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Uncontrolled | 24510 | BNAA | 2265003050 | Industrial | 0.010687 | 0.000289 | 0.00034 |
| 2009 Uncontrolled | 24510 | BNAA | 2265003060 | Industrial | 0.012242 | 7.96E-05 | 0.000277 |
| 2009 Uncontrolled | 24510 | BNAA | 2265003070 | Industrial | 0.032297 | 0.001973 | 0.001399 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004010 | Lawn and Garden | 9.627148 | 0.072577 | 1.051629 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004011 | Lawn and Garden | 1.341556 | 0.009385 | 0.102829 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004015 | Lawn and Garden | 0.809525 | 0.006143 | 0.091543 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004016 | Lawn and Garden | 0.652786 | 0.004821 | 0.049527 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004025 | Lawn and Garden | 0.054368 | 0.000403 | 0.006431 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004026 | Lawn and Garden | 0.033773 | 0.00023 | 0.001914 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004030 | Lawn and Garden | 0.103929 | 0.000774 | 0.011366 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004031 | Lawn and Garden | 1.367123 | 0.015097 | 0.035427 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004035 | Lawn and Garden | | | 0.079421 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004036 | Lawn and Garden | | | 0.002251 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004040 | Lawn and Garden | 2.343186 | 0.015931 | 0.102421 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004041 | Lawn and Garden | 0.177547 | 0.001148 | 0.00344 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004046 | Lawn and Garden | 0.186626 | 0.001367 | 0.005651 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004051 | Lawn and Garden | 0.074721 | 0.000555 | 0.005938 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004055 | Lawn and Garden | 31.28104 | 0.217646 | 1.160564 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004056 | Lawn and Garden | 2.400677 | 0.015889 | 0.045199 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004066 | Lawn and Garden | 0.311972 | 0.005707 | 0.007209 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004071 | Lawn and Garden | 7.281578 | 0.060007 | 0.171997 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004075 | Lawn and Garden | 0.978934 | 0.007302 | 0.05426 |
| 2009 Uncontrolled | 24510 | BNAA | 2265004076 | Lawn and Garden | 0.200576 | 0.001515 | 0.011209 |
| 2009 Uncontrolled | 24510 | BNAA | 2265006005 | Commercial | 9.929553 | 0.069286 | 0.352422 |
| 2009 Uncontrolled | 24510 | BNAA | 2265006010 | Commercial | 2.287226 | 0.021664 | 0.103534 |
| 2009 Uncontrolled | 24510 | BNAA | 2265006015 | Commercial | 1.129501 | 0.015366 | 0.041159 |
| 2009 Uncontrolled | 24510 | BNAA | 2265006025 | Commercial | 2.85165 | 0.027141 | 0.067865 |
| 2009 Uncontrolled | 24510 | BNAA | 2265006030 | Commercial | 4.372777 | 0.030027 | 0.183976 |
| 2009 Uncontrolled | 24510 | BNAA | 2265006035 | Commercial | 0.220041 | 0.00154 | 0.00619 |
| 2009 Uncontrolled | 24510 | BNAA | 2265010010 | Industrial | 0.044926 | 0.000269 | 0.000729 |
| 2009 Uncontrolled | 24510 | BNAA | 2267003010 | Industrial | 0.047699 | 0.011971 | 0.003233 |
| 2009 Uncontrolled | 24510 | BNAA | 2267003020 | Industrial | 4.555095 | 1.127605 | 0.307725 |
| 2009 Uncontrolled | 24510 | BNAA | 2267003030 | Industrial | 0.035094 | 0.008584 | 0.002364 |
| 2009 Uncontrolled | 24510 | BNAA | 2267003040 | Industrial | 0.010753 | 0.002652 | 0.000726 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Uncontrolled | 24510 | BNAA | 2267003050 | Industrial | 0.002576 | 0.000646 | 0.000175 |
| 2009 Uncontrolled | 24510 | BNAA | 2267003070 | Industrial | 0.021512 | 0.005246 | 0.001448 |
| 2009 Uncontrolled | 24510 | BNAA | 2267004066 | Lawn and Garden | 0.019864 | 0.0049 | 0.001341 |
| 2009 Uncontrolled | 24510 | BNAA | 2267006005 | Commercial | 0.118268 | 0.044062 | 0.008995 |
| 2009 Uncontrolled | 24510 | BNAA | 2267006010 | Commercial | 0.027964 | 0.010254 | 0.002118 |
| 2009 Uncontrolled | 24510 | BNAA | 2267006015 | Commercial | 0.03411 | 0.012374 | 0.002577 |
| 2009 Uncontrolled | 24510 | BNAA | 2267006025 | Commercial | 0.061563 | 0.015431 | 0.004172 |
| 2009 Uncontrolled | 24510 | BNAA | 2267006030 | Commercial | 0.000786 | 0.000199 | 5.34E-05 |
| 2009 Uncontrolled | 24510 | BNAA | 2267006035 | Commercial | 0.000538 | 0.000194 | 4.06E-05 |
| 2009 Uncontrolled | 24510 | BNAA | 2268003020 | Industrial | 0.321343 | 0.07944 | 0.001279 |
| 2009 Uncontrolled | 24510 | BNAA | 2268003030 | Industrial | 0.000365 | 9.03E-05 | 1.45E-06 |
| 2009 Uncontrolled | 24510 | BNAA | 2268003040 | Industrial | 0.000199 | 4.92E-05 | 7.92E-07 |
| 2009 Uncontrolled | 24510 | BNAA | 2268003060 | Industrial | 0.001057 | 0.00026 | 4.2E-06 |
| 2009 Uncontrolled | 24510 | BNAA | 2268003070 | Industrial | 0.001504 | 0.000367 | 5.96E-06 |
| 2009 Uncontrolled | 24510 | BNAA | 2268006005 | Commercial | 0.034278 | 0.012649 | 0.000153 |
| 2009 Uncontrolled | 24510 | BNAA | 2268006010 | Commercial | 0.001766 | 0.000646 | 7.88E-06 |
| 2009 Uncontrolled | 24510 | BNAA | 2268006015 | Commercial | 0.002535 | 0.000916 | 1.13E-05 |
| 2009 Uncontrolled | 24510 | BNAA | 2268006020 | Commercial | 0.146793 | 0.032809 | 0.00057 |
| 2009 Uncontrolled | 24510 | BNAA | 2268010010 | Industrial | 0.005033 | 0.001184 | 1.98E-05 |
| 2009 Uncontrolled | 24510 | BNAA | 2270003010 | Industrial | 0.011168 | 0.01044 | 0.002939 |
| 2009 Uncontrolled | 24510 | BNAA | 2270003020 | Industrial | 0.070263 | 0.126305 | 0.011743 |
| 2009 Uncontrolled | 24510 | BNAA | 2270003030 | Industrial | 0.016243 | 0.061515 | 0.004802 |
| 2009 Uncontrolled | 24510 | BNAA | 2270003040 | Industrial | 0.016941 | 0.065819 | 0.005075 |
| 2009 Uncontrolled | 24510 | BNAA | 2270003050 | Industrial | 0.001871 | 0.002988 | 0.000526 |
| 2009 Uncontrolled | 24510 | BNAA | 2270003060 | Industrial | 0.121248 | 0.271489 | 0.02789 |
| 2009 Uncontrolled | 24510 | BNAA | 2270003070 | Industrial | 0.025359 | 0.084888 | 0.006088 |
| 2009 Uncontrolled | 24510 | BNAA | 2270004031 | Lawn and Garden | 2.22E-06 | 3.7E-06 | 6.55E-07 |
| 2009 Uncontrolled | 24510 | BNAA | 2270004046 | Lawn and Garden | 0.011489 | 0.021686 | 0.003091 |
| 2009 Uncontrolled | 24510 | BNAA | 2270004056 | Lawn and Garden | 0.002406 | 0.004324 | 0.000635 |
| 2009 Uncontrolled | 24510 | BNAA | 2270004066 | Lawn and Garden | 0.013042 | 0.034959 | 0.003268 |
| 2009 Uncontrolled | 24510 | BNAA | 2270004071 | Lawn and Garden | 0.001215 | 0.003411 | 0.000313 |
| 2009 Uncontrolled | 24510 | BNAA | 2270004076 | Lawn and Garden | 4.7E-05 | 9.08E-05 | 1.22E-05 |
| 2009 Uncontrolled | 24510 | BNAA | 2270006005 | Commercial | 0.069556 | 0.150855 | 0.018811 |
| 2009 Uncontrolled | 24510 | BNAA | 2270006010 | Commercial | 0.016415 | 0.036076 | 0.004256 |

Nonroad Model Emissions

| Year | State County FIPS | NAA | SCC | Source Subcategory | CO | NOX | VOC |
|-------------------|-------------------|------|------------|--------------------|----------|----------|----------|
| 2009 Uncontrolled | 24510 | BNAA | 2270006015 | Commercial | 0.035721 | 0.090274 | 0.008918 |
| 2009 Uncontrolled | 24510 | BNAA | 2270006025 | Commercial | 0.056219 | 0.04405 | 0.014083 |
| 2009 Uncontrolled | 24510 | BNAA | 2270006030 | Commercial | 0.002067 | 0.005049 | 0.000605 |
| 2009 Uncontrolled | 24510 | BNAA | 2270006035 | Commercial | 0.001575 | 0.003852 | 0.000395 |
| 2009 Uncontrolled | 24510 | BNAA | 2270010010 | Industrial | 0.000677 | 0.002793 | 0.000168 |
| 2009 Uncontrolled | 24510 | BNAA | 2282005010 | Pleasure Craft | 1.924235 | 0.043232 | 1.050083 |
| 2009 Uncontrolled | 24510 | BNAA | 2282005015 | Pleasure Craft | 0.747417 | 0.012528 | 0.338454 |
| 2009 Uncontrolled | 24510 | BNAA | 2282010005 | Pleasure Craft | 0.80527 | 0.04715 | 0.064142 |
| 2009 Uncontrolled | 24510 | BNAA | 2282020005 | Pleasure Craft | 0.008562 | 0.054357 | 0.002009 |
| 2009 Uncontrolled | 24510 | BNAA | 2282020010 | Pleasure Craft | 0.000145 | 0.00024 | 4.57E-05 |
| 2009 Uncontrolled | 24510 | BNAA | 2285002015 | Railroad | 0.003041 | 0.004368 | 0.000748 |
| 2009 Uncontrolled | 24510 | BNAA | 2285004015 | Railroad | 0.009601 | 7.27E-05 | 0.000253 |
| 2009 Uncontrolled | 24510 | BNAA | 2285006015 | Railroad | 4.68E-05 | 1.17E-05 | 3.16E-06 |
| 2009 Uncontrolled | | | BNAA TOTAL | | 785.998 | 39.77253 | 70.45121 |
| 2009 Benefits | | | BNAA Total | | 20.32586 | 8.47129 | 20.89272 |

Nonroad Emissions

| State County FIPs | NAA | SCC | Emission Process Description | Source Category | Pollutant Code | Emission Numeric Value | gf 2008 | gf 2009 | 2008 EM | 2009 EM | Growth Factor Data Source |
|-------------------------|------|------------|---|--------------------|-------------------|------------------------------|----------|----------|----------|----------|-----------------------------------|
| 24003 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | CO | 0.1003 | 1.062084 | 1.069715 | 0.106527 | 0.107292 | EGAS 5.0 from ABT Associates Inc |
| 24003 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | CO | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24003 | BNAA | 2275050000 | Emissions from general aviaion aircraft LTOs | Nonroad | CO | 1.059 | 1.247758 | 1.293161 | 1.321376 | 1.369458 | EGAS 5.0 from ABT Associates Inc |
| 24003 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | CO | 0.0193 | 1.247758 | 1.293161 | 0.024082 | 0.024958 | EGAS 5.0 from ABT Associates Inc |
| 24003 | BNAA | 2275070000 | Emissions from aircraft auxiliary power units | Nonroad | CO | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24003 | BNAA | 2280002010 | Emissions from commercial diesel marine vessels | Nonroad | CO | 0.166571 | 1.074154 | 1.085694 | 0.178923 | 0.180845 | BMC Round 6B Cooperative Forecast |
| 24003 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | CO | 0.031234 | 1.074154 | 1.085694 | 0.03355 | 0.03391 | BMC Round 6B Cooperative Forecast |
| 24003 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | CO | 0 | 1.074154 | 1.085694 | 0 | 0 | BMC Round 6B Cooperative Forecast |
| 24005 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | CO | 2.7694 | 1.062084 | 1.069715 | 2.941335 | 2.962469 | EGAS 5.0 from ABT Associates Inc |
| 24005 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | CO | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24005 | BNAA | 2275050000 | Emissions from general aviaion aircraft LTOs | Nonroad | CO | 1.493 | 1.247758 | 1.293161 | 1.862902 | 1.93069 | EGAS 5.0 from ABT Associates Inc |
| 24005 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | CO | 0.02 | 1.247758 | 1.293161 | 0.024955 | 0.025863 | EGAS 5.0 from ABT Associates Inc |
| 24005 | BNAA | 2280002010 | Emissions from commercial diesel marine vessels | Nonroad | CO | 0.021912 | 1.134266 | 1.156643 | 0.024854 | 0.025344 | BMC Round 6B Cooperative Forecast |
| 24005 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | CO | 0.132882 | 1.134266 | 1.156643 | 0.150724 | 0.153697 | BMC Round 6B Cooperative Forecast |
| 24005 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | CO | 0.132491 | 1.134266 | 1.156643 | 0.15028 | 0.153245 | BMC Round 6B Cooperative Forecast |
| 24013 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | CO | 0.003 | 1.062084 | 1.069715 | 0.003186 | 0.003209 | EGAS 5.0 from ABT Associates Inc |
| 24013 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | CO | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24013 | BNAA | 2275050000 | Emissions from general aviaion aircraft LTOs | Nonroad | CO | 1.3913 | 1.247758 | 1.293161 | 1.736005 | 1.799175 | EGAS 5.0 from ABT Associates Inc |
| 24013 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | CO | 0.0096 | 1.247758 | 1.293161 | 0.011978 | 0.012414 | EGAS 5.0 from ABT Associates Inc |
| 24013 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | CO | 0.060283 | 1.090927 | 1.102971 | 0.065765 | 0.066491 | BMC Round 6B Cooperative Forecast |
| 24013 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | CO | 0 | 1.090927 | 1.102971 | 0 | 0 | BMC Round 6B Cooperative Forecast |
| 24025 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | CO | 0.0092 | 1.062084 | 1.069715 | 0.009771 | 0.009841 | EGAS 5.0 from ABT Associates Inc |
| 24025 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | CO | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24025 | BNAA | 2275050000 | Emissions from general aviaion aircraft LTOs | Nonroad | CO | 0.368 | 1.247758 | 1.293161 | 0.459175 | 0.475883 | EGAS 5.0 from ABT Associates Inc |
| 24025 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | CO | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24025 | BNAA | 2280002010 | Emissions from commercial diesel marine vessels | Nonroad | CO | 0.021912 | 1.142857 | 1.166667 | 0.025042 | 0.025564 | BMC Round 6B Cooperative Forecast |
| 24025 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | CO | 0.061786 | 1.142857 | 1.166667 | 0.070613 | 0.072084 | BMC Round 6B Cooperative Forecast |
| 24025 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | CO | 0 | 1.142857 | 1.166667 | 0 | 0 | BMC Round 6B Cooperative Forecast |
| 24027 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | CO | 0 | 1.062084 | 1.069715 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24027 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | CO | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24027 | BNAA | 2275050000 | Emissions from general aviaion aircraft LTOs | Nonroad | CO | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24027 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | CO | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24027 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | CO | 0.063544 | 1.02383 | 1.028881 | 0.065058 | 0.065379 | BMC Round 6B Cooperative Forecast |

Nonroad Emissions

| | | | | | | | | | | | |
|-------------------|------|------------|--|----------------|-----------|-----------------|----------|----------|-----------------|-----------------|-----------------------------------|
| 24027 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | CO | 0 | 1.02383 | 1.028881 | 0 | 0 | BMC Round 6B Cooperative Forecast |
| 24510 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | CO | 0 | 1.062084 | 1.069715 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24510 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | CO | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24510 | BNAA | 2275050000 | Emissions from general aviaion aircraft LTOs | Nonroad | CO | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24510 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | CO | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24510 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | CO | 0.119112 | 1.053317 | 1.063859 | 0.125462 | 0.126718 | BMC Round 6B Cooperative Forecast |
| 24510 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | CO | 0.31594 | 1.053317 | 1.063859 | 0.332785 | 0.336115 | BMC Round 6B Cooperative Forecast |
| BNAA TOTAL | | | | Nonroad | CO | 8.369766 | | | 9.724348 | 9.960646 | |

Nonroad Emissions

| State County FIPs | NAA | SCC | Emission Process Description | Source Category | Pollutant Code | Emission Numeric Value | gf 2008 | gf 2009 | 2008 EM | 2009 EM | Growth Factor Data Source |
|-------------------------|------|------------|---|--------------------|-------------------|------------------------------|----------|----------|----------|----------|-----------------------------------|
| 24003 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | NOX | 0.01882 | 1.062084 | 1.069715 | 0.019988 | 0.020132 | EGAS 5.0 from ABT Associates Inc |
| 24003 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | NOX | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24003 | BNAA | 2275050000 | Emissions from general aviation aircraft LTOs | Nonroad | NOX | 0.00573 | 1.247758 | 1.293161 | 0.00715 | 0.00741 | EGAS 5.0 from ABT Associates Inc |
| 24003 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | NOX | 0.00011 | 1.247758 | 1.293161 | 0.000137 | 0.000142 | EGAS 5.0 from ABT Associates Inc |
| 24003 | BNAA | 2275070000 | Emissions from aircraft auxiliary power units | Nonroad | NOX | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24003 | BNAA | 2280002010 | Emissions from commercial diesel marine vessels | Nonroad | NOX | 0.723115 | 1.074154 | 1.085694 | 0.776737 | 0.785082 | BMC Round 6B Cooperative Forecast |
| 24003 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | NOX | 0.246027 | 1.074154 | 1.085694 | 0.264271 | 0.26711 | BMC Round 6B Cooperative Forecast |
| 24003 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | NOX | 0 | 1.074154 | 1.085694 | 0 | 0 | BMC Round 6B Cooperative Forecast |
| 24005 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | NOX | 0.51982 | 1.062084 | 1.069715 | 0.552092 | 0.556059 | EGAS 5.0 from ABT Associates Inc |
| 24005 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | NOX | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24005 | BNAA | 2275050000 | Emissions from general aviation aircraft LTOs | Nonroad | NOX | 0.00808 | 1.247758 | 1.293161 | 0.010082 | 0.010449 | EGAS 5.0 from ABT Associates Inc |
| 24005 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | NOX | 0.00011 | 1.247758 | 1.293161 | 0.000137 | 0.000142 | EGAS 5.0 from ABT Associates Inc |
| 24005 | BNAA | 2280002010 | Emissions from commercial diesel marine vessels | Nonroad | NOX | 0.094656 | 1.134266 | 1.156643 | 0.107365 | 0.109483 | BMC Round 6B Cooperative Forecast |
| 24005 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | NOX | 1.046713 | 1.134266 | 1.156643 | 1.18725 | 1.210673 | BMC Round 6B Cooperative Forecast |
| 24005 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | NOX | 0.747521 | 1.134266 | 1.156643 | 0.847887 | 0.864615 | BMC Round 6B Cooperative Forecast |
| 24013 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | NOX | 0.00056 | 1.062084 | 1.069715 | 0.000595 | 0.000599 | EGAS 5.0 from ABT Associates Inc |
| 24013 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | NOX | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24013 | BNAA | 2275050000 | Emissions from general aviation aircraft LTOs | Nonroad | NOX | 0.00753 | 1.247758 | 1.293161 | 0.009396 | 0.009738 | EGAS 5.0 from ABT Associates Inc |
| 24013 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | NOX | 0.00005 | 1.247758 | 1.293161 | 6.24E-05 | 6.47E-05 | EGAS 5.0 from ABT Associates Inc |
| 24013 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | NOX | 0.47485 | 1.090927 | 1.102971 | 0.518027 | 0.523746 | BMC Round 6B Cooperative Forecast |
| 24013 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | NOX | 0 | 1.090927 | 1.102971 | 0 | 0 | BMC Round 6B Cooperative Forecast |
| 24025 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | NOX | 0.00173 | 1.062084 | 1.069715 | 0.001837 | 0.001851 | EGAS 5.0 from ABT Associates Inc |
| 24025 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | NOX | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24025 | BNAA | 2275050000 | Emissions from general aviation aircraft LTOs | Nonroad | NOX | 0.00199 | 1.247758 | 1.293161 | 0.002483 | 0.002573 | EGAS 5.0 from ABT Associates Inc |
| 24025 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | NOX | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24025 | BNAA | 2280002010 | Emissions from commercial diesel marine vessels | Nonroad | NOX | 0.094656 | 1.142857 | 1.166667 | 0.108178 | 0.110432 | BMC Round 6B Cooperative Forecast |
| 24025 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | NOX | 0.48669 | 1.142857 | 1.166667 | 0.556217 | 0.567805 | BMC Round 6B Cooperative Forecast |
| 24025 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | NOX | 0 | 1.142857 | 1.166667 | 0 | 0 | BMC Round 6B Cooperative Forecast |
| 24027 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | NOX | 0 | 1.062084 | 1.069715 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24027 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | NOX | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24027 | BNAA | 2275050000 | Emissions from general aviation aircraft LTOs | Nonroad | NOX | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24027 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | NOX | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |

Nonroad Emissions

| | | | | | | | | | | | |
|-------------------|------|------------|--|----------------|------------|-----------------|----------|----------|-----------------|-----------------|-----------------------------------|
| 24027 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | NOX | 0.500536 | 1.02383 | 1.028881 | 0.512464 | 0.514992 | BMC Round 6B Cooperative Forecast |
| 24027 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | NOX | 0 | 1.02383 | 1.028881 | 0 | 0 | BMC Round 6B Cooperative Forecast |
| 24510 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | NOX | 0 | 1.062084 | 1.069715 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24510 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | NOX | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24510 | BNAA | 2275050000 | Emissions from general aviaion aircraft LTOs | Nonroad | NOX | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24510 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | NOX | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24510 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | NOX | 0.938242 | 1.053317 | 1.063859 | 0.988266 | 0.998157 | BMC Round 6B Cooperative Forecast |
| 24510 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | NOX | 1.78255 | 1.053317 | 1.063859 | 1.87759 | 1.896381 | BMC Round 6B Cooperative Forecast |
| BNAA TOTAL | | | | Nonroad | NOX | 7.700086 | | | 8.348214 | 8.457635 | |

Nonroad Emissions

| State County FIPs | NAA | SCC | Emission Process Description | Source Category | Pollutant Code | Emission Numeric Value | gf 2008 | gf 2009 | 2008 EM | 2009 EM | Growth Factor Data Source |
|-------------------------|------|------------|---|--------------------|-------------------|------------------------------|----------|----------|----------|----------|-----------------------------------|
| 24003 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | VOC | 0.0557 | 1.062084 | 1.069715 | 0.059158 | 0.059583 | EGAS 5.0 from ABT Associates Inc |
| 24003 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | VOC | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24003 | BNAA | 2275050000 | Emissions from general aviation aircraft LTOs | Nonroad | VOC | 0.0337 | 1.247758 | 1.293161 | 0.042049 | 0.04358 | EGAS 5.0 from ABT Associates Inc |
| 24003 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | VOC | 0.0008 | 1.247758 | 1.293161 | 0.000998 | 0.001035 | EGAS 5.0 from ABT Associates Inc |
| 24003 | BNAA | 2275070000 | Emissions from aircraft auxiliary power units | Nonroad | VOC | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24003 | BNAA | 2280002010 | Emissions from commercial diesel marine vessels | Nonroad | VOC | 0.02462 | 1.074154 | 1.085694 | 0.026446 | 0.02673 | BMC Round 6B Cooperative Forecast |
| 24003 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | VOC | 0.01063 | 1.074154 | 1.085694 | 0.011419 | 0.011541 | BMC Round 6B Cooperative Forecast |
| 24003 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | VOC | 0 | 1.074154 | 1.085694 | 0 | 0 | BMC Round 6B Cooperative Forecast |
| 24005 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | VOC | 1.5379 | 1.062084 | 1.069715 | 1.633379 | 1.645115 | EGAS 5.0 from ABT Associates Inc |
| 24005 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | VOC | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24005 | BNAA | 2275050000 | Emissions from general aviation aircraft LTOs | Nonroad | VOC | 0.0475 | 1.247758 | 1.293161 | 0.059268 | 0.061425 | EGAS 5.0 from ABT Associates Inc |
| 24005 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | VOC | 0.0009 | 1.247758 | 1.293161 | 0.001123 | 0.001164 | EGAS 5.0 from ABT Associates Inc |
| 24005 | BNAA | 2280002010 | Emissions from commercial diesel marine vessels | Nonroad | VOC | 0.003242 | 1.134266 | 1.156643 | 0.003677 | 0.00375 | BMC Round 6B Cooperative Forecast |
| 24005 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | VOC | 0.045227 | 1.134266 | 1.156643 | 0.051299 | 0.052311 | BMC Round 6B Cooperative Forecast |
| 24005 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | VOC | 0.075364 | 1.134266 | 1.156643 | 0.085483 | 0.087169 | BMC Round 6B Cooperative Forecast |
| 24013 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | VOC | 0.0017 | 1.062084 | 1.069715 | 0.001806 | 0.001819 | EGAS 5.0 from ABT Associates Inc |
| 24013 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | VOC | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24013 | BNAA | 2275050000 | Emissions from general aviation aircraft LTOs | Nonroad | VOC | 0.0443 | 1.247758 | 1.293161 | 0.055276 | 0.057287 | EGAS 5.0 from ABT Associates Inc |
| 24013 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | VOC | 0.0004 | 1.247758 | 1.293161 | 0.000499 | 0.000517 | EGAS 5.0 from ABT Associates Inc |
| 24013 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | VOC | 0.020517 | 1.090927 | 1.102971 | 0.022383 | 0.02263 | BMC Round 6B Cooperative Forecast |
| 24013 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | VOC | 0 | 1.090927 | 1.102971 | 0 | 0 | BMC Round 6B Cooperative Forecast |
| 24025 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | VOC | 0.0051 | 1.062084 | 1.069715 | 0.005417 | 0.005456 | EGAS 5.0 from ABT Associates Inc |
| 24025 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | VOC | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24025 | BNAA | 2275050000 | Emissions from general aviation aircraft LTOs | Nonroad | VOC | 0.0117 | 1.247758 | 1.293161 | 0.014599 | 0.01513 | EGAS 5.0 from ABT Associates Inc |
| 24025 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | VOC | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24025 | BNAA | 2280002010 | Emissions from commercial diesel marine vessels | Nonroad | VOC | 0.003242 | 1.142857 | 1.166667 | 0.003705 | 0.003782 | BMC Round 6B Cooperative Forecast |
| 24025 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | VOC | 0.021029 | 1.142857 | 1.166667 | 0.024033 | 0.024534 | BMC Round 6B Cooperative Forecast |
| 24025 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | VOC | 0 | 1.142857 | 1.166667 | 0 | 0 | BMC Round 6B Cooperative Forecast |
| 24027 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | VOC | 0 | 1.062084 | 1.069715 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24027 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | VOC | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24027 | BNAA | 2275050000 | Emissions from general aviation aircraft LTOs | Nonroad | VOC | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24027 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | VOC | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |

Nonroad Emissions

| | | | | | | | | | | | |
|-------------------|------|------------|--|----------------|------------|-----------------|----------|----------|-----------------|-----------------|-----------------------------------|
| 24027 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | VOC | 0.021627 | 1.02383 | 1.028881 | 0.022143 | 0.022252 | BMC Round 6B Cooperative Forecast |
| 24027 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | VOC | 0 | 1.02383 | 1.028881 | 0 | 0 | BMC Round 6B Cooperative Forecast |
| 24510 | BNAA | 2275001000 | Emissions from military aircraft LTOs | Nonroad | VOC | 0 | 1.062084 | 1.069715 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24510 | BNAA | 2275020000 | Emissions from commercial aircraft LTOs | Nonroad | VOC | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24510 | BNAA | 2275050000 | Emissions from general aviaion aircraft LTOs | Nonroad | VOC | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24510 | BNAA | 2275060000 | Emissions from air taxi aircraft LTOs | Nonroad | VOC | 0 | 1.247758 | 1.293161 | 0 | 0 | EGAS 5.0 from ABT Associates Inc |
| 24510 | BNAA | 2285002005 | Emissions from railroad line haul engines | Nonroad | VOC | 0.04054 | 1.053317 | 1.063859 | 0.042701 | 0.043129 | BMC Round 6B Cooperative Forecast |
| 24510 | BNAA | 2285002010 | Emissions from railroad yard engines | Nonroad | VOC | 0.179715 | 1.053317 | 1.063859 | 0.189296 | 0.191191 | BMC Round 6B Cooperative Forecast |
| BNAA TOTAL | | | | Nonroad | VOC | 2.185453 | | | 2.356157 | 2.381128 | |