

Alaska Department of Environmental Conservation



Amendments to:
State Air Quality Control Plan

Volume III: Appendix III.K.5

Emission Inventory

Appendix to
Section III. K: Areawide Pollutant Control Program for
Regional Haze

Adopted

February 11, 2011

(This page serves as a placeholder for two-sided copying)

Emission Inventory

| Aleutians East Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 57 | 236 | 754 | 873 | 151 | 79 | 0 |
| Non-Road | 2 | 32 | 5 | 1 | 0 | 0 | 0 |
| On-Road | 4 | 60 | 2 | 0 | 0 | 0 | 0 |
| Point | 61 | 198 | 606 | 20 | 0 | 181 | 25 |
| Commercial Marine Vessels (CMV) | 2 | 26 | 36 | 1 | 1 | 9 | 0 |
| Aviation (Aircraft & GSE) | 6 | 116 | 2 | 3 | 3 | 1 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 132 | 669 | 1,404 | 897 | 155 | 270 | 25 |
| Anthropogenic Fraction | 100.0% |

| Aleutians East Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 56 | 233 | 742 | 860 | 148 | 78 | 0 |
| Non-Road | 2 | 32 | 5 | 1 | 0 | 0 | 0 |
| On-Road | 4 | 59 | 2 | 0 | 0 | 0 | 0 |
| Point | 103 | 237 | 545 | 29 | 0 | 196 | 25 |
| Commercial Marine Vessels (CMV) | 3 | 37 | 39 | 1 | 1 | 0 | 0 |
| Aviation (Aircraft & GSE) | 6 | 115 | 2 | 3 | 3 | 1 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 173 | 712 | 1,335 | 893 | 153 | 275 | 25 |
| Anthropogenic Fraction | 100.0% |

| Aleutians East Borough | | | | | | | |
|---|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | - |
| Non-Road | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% |
| On-Road | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% |
| Point | +67.8% | +19.4% | -10.1% | +46.9% | - | +7.8% | +0.0% |
| Commercial Marine Vessels (CMV) | +20.1% | +41.1% | +7.4% | -2.4% | -2.4% | -96.8% | +39.2% |
| Aviation (Aircraft & GSE) | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | - | - | - | - | - | - | - |
| TOTAL - All Sources | +30.8% | +6.3% | -5.0% | -0.5% | -1.5% | +1.6% | +0.0% |

| Aleutians West Census Area | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 7,489 | 4,689 | 1,154 | 3,460 | 1,238 | 155 | 0 |
| Non-Road | 359 | 1,743 | 90 | 14 | 13 | 10 | 0 |
| On-Road | 13 | 173 | 5 | 0 | 0 | 0 | 1 |
| Point | 67 | 353 | 2,140 | 52 | 0 | 105 | 2 |
| Commercial Marine Vessels (CMV) | 20 | 192 | 1,193 | 44 | 43 | 309 | 0 |
| Aviation (Aircraft & GSE) | 8 | 158 | 2 | 4 | 4 | 1 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 7,955 | 7,309 | 4,583 | 3,574 | 1,297 | 580 | 5 |
| Anthropogenic Fraction | 100.0% |

| Aleutians West Census Area | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 7,379 | 4,621 | 1,137 | 3,409 | 1,220 | 153 | 0 |
| Non-Road | 354 | 1,718 | 89 | 13 | 12 | 10 | 0 |
| On-Road | 13 | 171 | 5 | 0 | 0 | 0 | 1 |
| Point | 94 | 509 | 3,074 | 78 | 0 | 172 | 2 |
| Commercial Marine Vessels (CMV) | 25 | 245 | 1,275 | 47 | 10 | 48 | 1 |
| Aviation (Aircraft & GSE) | 8 | 155 | 2 | 4 | 4 | 1 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 7,872 | 7,418 | 5,582 | 3,552 | 1,245 | 384 | 5 |
| Anthropogenic Fraction | 100.0% |

| Aleutians West Census Area | | | | | | | |
|---|--------------|--------------|---------------|--------------|--------------|---------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | - |
| Non-Road | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% |
| On-Road | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% |
| Point | +39.8% | +44.2% | +43.7% | +48.8% | -1.5% | +63.3% | -0.3% |
| Commercial Marine Vessels (CMV) | +27.3% | +27.6% | +6.9% | +6.8% | -77.4% | -84.3% | +49.8% |
| Aviation (Aircraft & GSE) | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% | -1.5% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | - | - | - | - | - | - | - |
| TOTAL - All Sources | -1.0% | +1.5% | +21.8% | -0.6% | -4.0% | -33.9% | +3.7% |

| Anchorage, Municipality of | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 2,075 | 1,369 | 1,188 | 10,778 | 2,644 | 15 | 0 |
| Non-Road | 875 | 9,278 | 745 | 83 | 80 | 3 | 1 |
| On-Road | 2,762 | 29,421 | 2,487 | 78 | 58 | 124 | 124 |
| Point | 93 | 1,411 | 4,813 | 126 | 2 | 28 | 0 |
| Commercial Marine Vessels (CMV) | 8 | 76 | 282 | 25 | 24 | 204 | 0 |
| Aviation (Aircraft & GSE) | 585 | 7,054 | 2,389 | 229 | 220 | 207 | 2 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 1 | 18 | 0 | 2 | 1 | 0 | 0 |
| TOTAL - All Sources | 6,400 | 48,627 | 11,905 | 11,321 | 3,030 | 580 | 128 |
| Anthropogenic Fraction | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 99.9% |

| Anchorage, Municipality of | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 2,329 | 1,524 | 1,325 | 12,363 | 3,016 | 17 | 0 |
| Non-Road | 852 | 16,343 | 461 | 56 | 53 | 1 | 2 |
| On-Road | 939 | 15,938 | 1,040 | 52 | 28 | 15 | 131 |
| Point | 106 | 1,379 | 4,588 | 51 | 0 | 28 | 0 |
| Commercial Marine Vessels (CMV) | 14 | 135 | 426 | 39 | 177 | 40 | 0 |
| Aviation (Aircraft & GSE) | 691 | 8,328 | 2,820 | 270 | 260 | 244 | 2 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 1 | 18 | 0 | 2 | 1 | 0 | 0 |
| TOTAL - All Sources | 4,932 | 43,664 | 10,661 | 12,832 | 3,536 | 346 | 135 |
| Anthropogenic Fraction | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 99.9% |

| Anchorage, Municipality of | | | | | | | |
|---|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | +12.2% | +11.3% | +11.5% | +14.7% | +14.1% | +14.5% | - |
| Non-Road | -2.7% | +76.1% | -38.1% | -33.2% | -34.0% | -52.7% | +68.4% |
| On-Road | -66.0% | -45.8% | -58.2% | -33.1% | -52.3% | -87.9% | +5.3% |
| Point | +13.7% | -2.2% | -4.7% | -59.9% | -86.8% | +1.7% | - |
| Commercial Marine Vessels (CMV) | +74.2% | +77.3% | +51.2% | +57.4% | +639.3% | -80.3% | +187.6% |
| Aviation (Aircraft & GSE) | +18.1% | +18.1% | +18.1% | +18.1% | +18.1% | +18.1% | +18.1% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% |
| TOTAL - All Sources | -22.9% | -10.2% | -10.4% | +13.3% | +16.7% | -40.3% | +6.2% |

| Bethel Census Area | | | | | | | |
|--|---------------|---------------|--------------|--------------|--------------|--------------|-------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 13,877 | 8,284 | 865 | 3,260 | 1,799 | 50 | 0 |
| Non-Road | 607 | 4,324 | 271 | 17 | 15 | 3 | 1 |
| On-Road | 9 | 127 | 4 | 0 | 0 | 0 | 1 |
| Point | 19 | 27 | 647 | 21 | 0 | 21 | 0 |
| Commercial Marine Vessels (CMV) | 6 | 98 | 14 | 0 | 0 | 2 | 0 |
| Aviation (Aircraft & GSE) | 96 | 1,510 | 50 | 50 | 48 | 13 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 575 | 12,227 | 262 | 1,189 | 1,020 | 72 | 55 |
| TOTAL - All Sources | 15,189 | 26,598 | 2,114 | 4,537 | 2,883 | 160 | 57 |
| Anthropogenic Fraction | 96.2% | 54.0% | 87.6% | 73.8% | 64.6% | 55.2% | 3.9% |

| Bethel Census Area | | | | | | | |
|--|---------------|---------------|--------------|--------------|--------------|--------------|-------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 16,070 | 9,594 | 1,001 | 3,776 | 2,083 | 58 | 0 |
| Non-Road | 703 | 5,008 | 314 | 19 | 18 | 4 | 1 |
| On-Road | 11 | 147 | 5 | 0 | 0 | 0 | 1 |
| Point | 30 | 41 | 753 | 28 | 0 | 39 | 0 |
| Commercial Marine Vessels (CMV) | 7 | 140 | 16 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 111 | 1,749 | 58 | 58 | 56 | 15 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 575 | 12,227 | 262 | 1,189 | 1,020 | 72 | 55 |
| TOTAL - All Sources | 17,506 | 28,906 | 2,410 | 5,070 | 3,177 | 187 | 58 |
| Anthropogenic Fraction | 96.7% | 57.7% | 89.1% | 76.5% | 67.9% | 61.6% | 4.5% |

| Bethel Census Area | | | | | | | |
|--|---------------|--------------|---------------|---------------|---------------|---------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | +15.8% | +15.8% | +15.8% | +15.8% | +15.8% | +15.8% | - |
| Non-Road | +15.8% | +15.8% | +15.8% | +15.8% | +15.8% | +15.8% | +15.8% |
| On-Road | +15.8% | +15.8% | +15.8% | +15.8% | +15.8% | +15.8% | +15.8% |
| Point | +53.4% | +51.1% | +16.4% | +32.0% | +15.8% | +89.9% | +15.8% |
| Commercial Marine Vessels (CMV) | +20.8% | +43.9% | +12.0% | -4.5% | -4.4% | -96.8% | +43.6% |
| Aviation (Aircraft & GSE) | +15.8% | +15.8% | +15.8% | +15.8% | +15.8% | +15.8% | +15.8% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% |
| TOTAL - All Sources | +15.3% | +8.7% | +14.0% | +11.7% | +10.2% | +16.9% | +0.7% |

| Bristol Bay Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 24 | 101 | 322 | 373 | 64 | 34 | 0 |
| Non-Road | 1 | 14 | 2 | 0 | 0 | 0 | 0 |
| On-Road | 2 | 26 | 1 | 0 | 0 | 0 | 0 |
| Point | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 1 | 10 | 8 | 0 | 0 | 2 | 0 |
| Aviation (Aircraft & GSE) | 22 | 386 | 10 | 13 | 12 | 3 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 51 | 536 | 342 | 386 | 77 | 38 | 0 |
| Anthropogenic Fraction | 100.0% |

| Bristol Bay Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 24 | 100 | 319 | 369 | 64 | 34 | 0 |
| Non-Road | 1 | 14 | 2 | 0 | 0 | 0 | 0 |
| On-Road | 2 | 25 | 1 | 0 | 0 | 0 | 0 |
| Point | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 1 | 14 | 9 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 22 | 383 | 10 | 13 | 12 | 2 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 50 | 536 | 341 | 383 | 76 | 36 | 0 |
| Anthropogenic Fraction | 100.0% |

| Bristol Bay Borough | | | | | | | |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | -0.8% | -0.8% | -0.8% | -0.8% | -0.8% | -0.8% | - |
| Non-Road | -0.8% | -0.8% | -0.8% | -0.8% | -0.8% | -0.8% | -0.8% |
| On-Road | -0.8% | -0.8% | -0.8% | -0.8% | -0.8% | -0.8% | -0.8% |
| Point | -0.8% | - | - | - | - | - | - |
| Commercial Marine Vessels (CMV) | +20.8% | +43.8% | +15.6% | -2.7% | -2.7% | -96.6% | +43.6% |
| Aviation (Aircraft & GSE) | -0.8% | -0.8% | -0.8% | -0.8% | -0.8% | -0.8% | -0.8% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | - | - | - | - | - | - | - |
| TOTAL - All Sources | -0.5% | -0.0% | -0.4% | -0.8% | -0.8% | -5.3% | +0.9% |

| Denali Borough | | | | | | | |
|-----------------------------------|--------------|--------------|--------------|---------------|---------------|--------------|--------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 4,609 | 3,144 | 385 | 2,907 | 924 | 15 | 0 |
| Non-Road | 96 | 360 | 7 | 4 | 3 | 0 | 0 |
| On-Road | 8 | 133 | 4 | 0 | 0 | 0 | 1 |
| Point | 1 | 130 | 229 | 58 | 0 | 136 | 0 |
| Commercial Marine Vessels (CMV) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 3 | 64 | 3 | 3 | 3 | 0 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 17 | 355 | 8 | 16,330 | 14,005 | 2 | 2 |
| TOTAL - All Sources | 4,734 | 4,187 | 635 | 19,302 | 14,936 | 154 | 3 |
| Anthropogenic Fraction | 99.6% | 91.5% | 98.8% | 15.4% | 6.2% | 98.6% | 38.4% |

| Denali Borough | | | | | | | |
|-----------------------------------|--------------|--------------|--------------|---------------|---------------|--------------|--------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 4,157 | 2,836 | 347 | 2,622 | 833 | 14 | 0 |
| Non-Road | 87 | 325 | 6 | 3 | 3 | 0 | 0 |
| On-Road | 7 | 120 | 3 | 0 | 0 | 0 | 1 |
| Point | 1 | 134 | 187 | 3 | 0 | 106 | 0 |
| Commercial Marine Vessels (CMV) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 3 | 58 | 2 | 3 | 3 | 0 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 17 | 355 | 8 | 16,330 | 14,005 | 2 | 2 |
| TOTAL - All Sources | 4,272 | 3,828 | 554 | 18,962 | 14,845 | 123 | 2 |
| Anthropogenic Fraction | 99.6% | 90.7% | 98.6% | 13.9% | 5.7% | 98.3% | 36.0% |

| Denali Borough | | | | | | | |
|---|--------------|--------------|---------------|--------------|--------------|---------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | -9.8% | -9.8% | -9.8% | -9.8% | -9.8% | -9.8% | - |
| Non-Road | -9.8% | -9.8% | -9.8% | -9.8% | -9.8% | -9.8% | -9.8% |
| On-Road | -9.8% | -9.8% | -9.8% | -9.8% | -9.8% | -9.8% | -9.8% |
| Point | +4.7% | +2.8% | -18.1% | -94.5% | - | -21.9% | - |
| Commercial Marine Vessels (CMV) | - | - | - | - | - | - | - |
| Aviation (Aircraft & GSE) | -9.8% | -9.8% | -9.8% | -9.8% | -9.8% | -9.8% | -9.8% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% |
| TOTAL - All Sources | -9.8% | -8.6% | -12.7% | -1.8% | -0.6% | -20.4% | -3.8% |

| Dillingham Census Area | | | | | | | |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 4,619 | 3,026 | 1,208 | 2,698 | 858 | 148 | 0 |
| Non-Road | 221 | 1,088 | 58 | 9 | 8 | 6 | 0 |
| On-Road | 11 | 146 | 4 | 0 | 0 | 0 | 1 |
| Point | 14 | 73 | 434 | 7 | 0 | 64 | 0 |
| Commercial Marine Vessels (CMV) | 3 | 49 | 27 | 1 | 1 | 6 | 0 |
| Aviation (Aircraft & GSE) | 19 | 532 | 5 | 7 | 7 | 1 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 4,886 | 4,914 | 1,736 | 2,723 | 873 | 225 | 2 |
| Anthropogenic Fraction | 100.0% |

| Dillingham Census Area | | | | | | | |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 4,818 | 3,156 | 1,260 | 2,815 | 895 | 154 | 0 |
| Non-Road | 231 | 1,135 | 61 | 9 | 8 | 7 | 0 |
| On-Road | 11 | 152 | 4 | 0 | 0 | 0 | 1 |
| Point | 12 | 73 | 326 | 7 | 0 | 63 | 0 |
| Commercial Marine Vessels (CMV) | 4 | 71 | 31 | 1 | 1 | 0 | 0 |
| Aviation (Aircraft & GSE) | 20 | 555 | 6 | 8 | 7 | 2 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 5,095 | 5,142 | 1,688 | 2,839 | 911 | 226 | 2 |
| Anthropogenic Fraction | 100.0% |

| Dillingham Census Area | | | | | | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | +4.3% | +4.3% | +4.3% | +4.3% | +4.3% | +4.3% | - |
| Non-Road | +4.3% | +4.3% | +4.3% | +4.3% | +4.3% | +4.3% | +4.3% |
| On-Road | +4.3% | +4.3% | +4.3% | +4.3% | +4.3% | +4.3% | +4.3% |
| Point | -14.8% | +0.0% | -24.9% | -4.1% | +4.3% | -0.1% | +4.3% |
| Commercial Marine Vessels (CMV) | +20.8% | +44.0% | +16.5% | -2.4% | -2.4% | -96.6% | +43.9% |
| Aviation (Aircraft & GSE) | +4.3% | +4.3% | +4.3% | +4.3% | +4.3% | +4.3% | +4.3% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | - | - | - | - | - | - | - |
| TOTAL - All Sources | +4.3% | +4.6% | -2.8% | +4.3% | +4.3% | +0.5% | +5.4% |

| Fairbanks North Star Borough | | | | | | | |
|-----------------------------------|--------------|----------------|---------------|---------------|---------------|--------------|--------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 917 | 1,391 | 255 | 12,054 | 2,376 | 603 | 0 |
| Non-Road | 1,082 | 4,336 | 360 | 57 | 54 | 2 | 1 |
| On-Road | 1,579 | 18,494 | 1,732 | 52 | 39 | 81 | 64 |
| Point | 74 | 4,095 | 6,375 | 2,808 | 33 | 4,651 | 22 |
| Commercial Marine Vessels (CMV) | 0 | 4 | 2 | 0 | 0 | 1 | 0 |
| Aviation (Aircraft & GSE) | 250 | 1,702 | 371 | 87 | 84 | 35 | 1 |
| Fires, Anthropogenic | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 4,215 | 89,564 | 1,921 | 8,708 | 7,469 | 527 | 403 |
| TOTAL - All Sources | 8,118 | 119,588 | 11,017 | 23,766 | 10,054 | 5,900 | 490 |
| Anthropogenic Fraction | 48.1% | 25.1% | 82.6% | 63.4% | 25.7% | 91.1% | 17.8% |

| Fairbanks North Star Borough | | | | | | | |
|-----------------------------------|--------------|----------------|---------------|---------------|---------------|--------------|--------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 1,082 | 1,635 | 301 | 13,854 | 2,735 | 712 | 0 |
| Non-Road | 1,006 | 5,032 | 171 | 37 | 34 | 1 | 1 |
| On-Road | 565 | 8,628 | 582 | 31 | 17 | 8 | 70 |
| Point | 107 | 2,932 | 7,370 | 629 | 38 | 5,831 | 22 |
| Commercial Marine Vessels (CMV) | 0 | 6 | 3 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 296 | 2,015 | 440 | 102 | 99 | 42 | 1 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 4,215 | 89,564 | 1,921 | 8,708 | 7,469 | 527 | 403 |
| TOTAL - All Sources | 7,272 | 109,813 | 10,788 | 23,362 | 10,392 | 7,121 | 497 |
| Anthropogenic Fraction | 42.0% | 18.4% | 82.2% | 62.7% | 28.1% | 92.6% | 18.9% |

| Fairbanks North Star Borough | | | | | | | |
|---|---------------|--------------|--------------|--------------|--------------|---------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | +18.0% | +17.5% | +18.0% | +14.9% | +15.1% | +18.1% | - |
| Non-Road | -7.1% | +16.0% | -52.4% | -35.0% | -35.7% | -46.4% | +29.8% |
| On-Road | -64.2% | -53.3% | -66.4% | -41.0% | -57.4% | -89.5% | +9.9% |
| Point | +44.9% | -28.4% | +15.6% | -77.6% | +15.4% | +25.4% | +0.0% |
| Commercial Marine Vessels (CMV) | +20.9% | +44.0% | +16.7% | -2.3% | -2.3% | -96.5% | +44.0% |
| Aviation (Aircraft & GSE) | +18.4% | +18.4% | +18.4% | +18.4% | +18.4% | +18.4% | +18.4% |
| Fires, Anthropogenic | -40.0% | -40.0% | -40.0% | -40.0% | -40.0% | -40.0% | -40.0% |
| Fires, Natural | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% |
| TOTAL - All Sources | -10.4% | -8.2% | -2.1% | -1.7% | +3.4% | +20.7% | +1.4% |

| Haines Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 1,900 | 1,086 | 45 | 1,633 | 415 | 3 | 0 |
| Non-Road | 25 | 213 | 8 | 3 | 2 | 1 | 0 |
| On-Road | 26 | 226 | 28 | 1 | 0 | 1 | 1 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 6 | 46 | 285 | 13 | 12 | 104 | 0 |
| Aviation (Aircraft & GSE) | 1 | 31 | 0 | 0 | 0 | 0 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 1,959 | 1,603 | 366 | 1,650 | 430 | 109 | 1 |
| Anthropogenic Fraction | 100.0% |

| Haines Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 1,535 | 878 | 36 | 1,320 | 335 | 3 | 0 |
| Non-Road | 21 | 172 | 7 | 2 | 2 | 1 | 0 |
| On-Road | 21 | 183 | 23 | 1 | 0 | 0 | 1 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 10 | 67 | 366 | 19 | 18 | 4 | 0 |
| Aviation (Aircraft & GSE) | 1 | 25 | 0 | 0 | 0 | 0 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 1,588 | 1,325 | 431 | 1,342 | 356 | 8 | 1 |
| Anthropogenic Fraction | 100.0% |

| Haines Borough | | | | | | | |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | -19.2% | -19.2% | -19.2% | -19.2% | -19.2% | -19.2% | - |
| Non-Road | -19.2% | -19.2% | -19.2% | -19.2% | -19.2% | -19.2% | -19.2% |
| On-Road | -19.2% | -19.2% | -19.2% | -19.2% | -19.2% | -19.2% | -19.2% |
| Point | - | - | - | - | - | - | - |
| Commercial Marine Vessels (CMV) | +66.4% | +44.7% | +28.2% | +50.3% | +50.3% | -96.1% | +47.2% |
| Aviation (Aircraft & GSE) | -19.2% | -19.2% | -19.2% | -19.2% | -19.2% | -19.2% | -19.2% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | - | - | - | - | - | - | - |
| TOTAL - All Sources | -18.9% | -17.4% | +17.7% | -18.7% | -17.2% | -92.7% | -13.8% |

| Juneau City and Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 417 | 442 | 74 | 2,810 | 693 | 6 | 0 |
| Non-Road | 263 | 2,093 | 395 | 38 | 36 | 1 | 1 |
| On-Road | 736 | 9,015 | 832 | 22 | 16 | 34 | 27 |
| Point | 19 | 108 | 334 | 10 | 0 | 50 | 0 |
| Commercial Marine Vessels (CMV) | 54 | 254 | 1,631 | 118 | 114 | 840 | 1 |
| Aviation (Aircraft & GSE) | 53 | 1,363 | 106 | 33 | 31 | 12 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 1,541 | 13,276 | 3,371 | 3,030 | 891 | 942 | 28 |
| Anthropogenic Fraction | 100.0% |

| Juneau City and Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 458 | 484 | 81 | 3,101 | 765 | 6 | 0 |
| Non-Road | 167 | 2,066 | 48 | 8 | 7 | 0 | 0 |
| On-Road | 418 | 4,958 | 276 | 10 | 5 | 3 | 30 |
| Point | 23 | 136 | 417 | 9 | 0 | 30 | 0 |
| Commercial Marine Vessels (CMV) | 119 | 522 | 3,036 | 230 | 49 | 237 | 2 |
| Aviation (Aircraft & GSE) | 55 | 1,416 | 110 | 34 | 32 | 13 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 1,240 | 9,582 | 3,968 | 3,392 | 858 | 289 | 32 |
| Anthropogenic Fraction | 100.0% |

| Juneau City and Borough | | | | | | | |
|---|---------------|---------------|---------------|---------------|--------------|---------------|---------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | +9.7% | +9.5% | +9.7% | +10.3% | +10.4% | +9.8% | - |
| Non-Road | -36.6% | -1.3% | -87.8% | -79.6% | -80.1% | -74.8% | -61.3% |
| On-Road | -43.2% | -45.0% | -66.8% | -53.3% | -68.6% | -90.8% | +12.5% |
| Point | +25.3% | +25.9% | +25.1% | -6.7% | - | -39.5% | - |
| Commercial Marine Vessels (CMV) | +123.2% | +105.5% | +86.1% | +95.7% | -57.4% | -71.8% | +114.3% |
| Aviation (Aircraft & GSE) | +3.9% | +3.9% | +3.9% | +3.9% | +3.9% | +3.9% | +3.9% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | - | - | - | - | - | - | - |
| TOTAL - All Sources | -19.5% | -27.8% | +17.7% | +11.9% | -3.6% | -69.3% | +13.3% |

| Kenai Peninsula Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 3,975 | 2,506 | 441 | 4,957 | 1,286 | 82 | 0 |
| Non-Road | 261 | 1,948 | 158 | 19 | 18 | 1 | 0 |
| On-Road | 576 | 6,344 | 555 | 13 | 13 | 27 | 25 |
| Point | 2,892 | 4,420 | 11,917 | 322 | 113 | 108 | 506 |
| Commercial Marine Vessels (CMV) | 25 | 316 | 531 | 19 | 19 | 167 | 0 |
| Aviation (Aircraft & GSE) | 46 | 838 | 18 | 28 | 27 | 5 | 0 |
| Fires, Anthropogenic | 94 | 2,007 | 43 | 195 | 167 | 12 | 9 |
| Fires, Natural | 0 | 7 | 0 | 1 | 1 | 0 | 0 |
| TOTAL - All Sources | 7,869 | 18,385 | 13,662 | 5,555 | 1,644 | 401 | 541 |
| Anthropogenic Fraction | 100.0% |

| Kenai Peninsula Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 4,466 | 2,812 | 486 | 5,495 | 1,428 | 91 | 0 |
| Non-Road | 239 | 2,902 | 94 | 13 | 12 | 0 | 0 |
| On-Road | 192 | 3,142 | 206 | 10 | 6 | 3 | 26 |
| Point | 3,783 | 5,074 | 9,731 | 247 | 8 | 120 | 966 |
| Commercial Marine Vessels (CMV) | 39 | 523 | 631 | 23 | 58 | 17 | 0 |
| Aviation (Aircraft & GSE) | 52 | 945 | 20 | 32 | 31 | 6 | 0 |
| Fires, Anthropogenic | 50 | 1,060 | 23 | 103 | 88 | 6 | 5 |
| Fires, Natural | 0 | 7 | 0 | 1 | 1 | 0 | 0 |
| TOTAL - All Sources | 8,820 | 16,465 | 11,191 | 5,925 | 1,631 | 243 | 998 |
| Anthropogenic Fraction | 100.0% |

| Kenai Peninsula Borough | | | | | | | |
|---|---------------|---------------|---------------|--------------|--------------|---------------|---------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | +12.4% | +12.2% | +10.3% | +10.8% | +11.0% | +12.1% | -4.5% |
| Non-Road | -8.5% | +49.0% | -40.6% | -34.7% | -35.0% | -37.9% | -2.8% |
| On-Road | -66.7% | -50.5% | -62.9% | -22.5% | -56.5% | -89.6% | +2.8% |
| Point | +30.8% | +14.8% | -18.3% | -23.1% | -92.9% | +10.5% | +91.0% |
| Commercial Marine Vessels (CMV) | +55.5% | +65.4% | +18.8% | +21.2% | +208.4% | -90.0% | +45.0% |
| Aviation (Aircraft & GSE) | +12.8% | +12.8% | +12.8% | +12.8% | +12.8% | +12.8% | +12.8% |
| Fires, Anthropogenic | -47.2% | -47.2% | -47.2% | -47.2% | -47.2% | -47.2% | -47.2% |
| Fires, Natural | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% |
| TOTAL - All Sources | +12.1% | -10.4% | -18.1% | +6.6% | -0.8% | -39.5% | +84.5% |

| Ketchikan Gateway Borough /2 | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 196 | 250 | 462 | 1,267 | 321 | 49 | 0 |
| Non-Road | 117 | 935 | 176 | 16 | 16 | 0 | 0 |
| On-Road | 199 | 2,424 | 223 | 6 | 5 | 9 | 7 |
| Point | 6 | 59 | 222 | 7 | 0 | 18 | 0 |
| Commercial Marine Vessels (CMV) | 25 | 139 | 889 | 51 | 49 | 343 | 0 |
| Aviation (Aircraft & GSE) | 26 | 441 | 16 | 16 | 15 | 3 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 568 | 4,247 | 1,988 | 1,364 | 407 | 422 | 7 |
| Anthropogenic Fraction | 100.0% |

| Ketchikan Gateway Borough /2 | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 175 | 225 | 415 | 1,135 | 288 | 43 | 0 |
| Non-Road | 105 | 838 | 158 | 15 | 15 | 0 | 0 |
| On-Road | 61 | 1,178 | 60 | 3 | 2 | 0 | 6 |
| Point | 6 | 59 | 222 | 7 | 0 | 18 | 0 |
| Commercial Marine Vessels (CMV) | 57 | 305 | 1,693 | 100 | 19 | 103 | 1 |
| Aviation (Aircraft & GSE) | 23 | 396 | 14 | 15 | 13 | 3 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 427 | 3,000 | 2,562 | 1,275 | 337 | 168 | 7 |
| Anthropogenic Fraction | 100.0% |

| Ketchikan Gateway Borough /2 | | | | | | | |
|---|---------------|---------------|---------------|--------------|---------------|---------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | -10.7% | -10.0% | -10.2% | -10.4% | -10.3% | -11.8% | - |
| Non-Road | -10.3% | -10.3% | -10.3% | -5.8% | -10.3% | - | - |
| On-Road | -69.3% | -51.4% | -73.3% | -53.2% | -66.1% | -96.6% | -9.6% |
| Point | +0.0% | +0.0% | -0.0% | +0.0% | - | -0.0% | - |
| Commercial Marine Vessels (CMV) | +128.7% | +119.5% | +90.6% | +96.9% | -60.7% | -70.0% | +99.5% |
| Aviation (Aircraft & GSE) | -10.3% | -10.3% | -10.3% | -10.3% | -10.3% | -10.3% | -10.3% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | - | - | - | - | - | - | - |
| TOTAL - All Sources | -24.9% | -29.4% | +28.9% | -6.5% | -17.1% | -60.3% | -3.5% |

| Kodiak Island Borough | | | | | | | |
|--|---------------|---------------|--------------|--------------|--------------|--------------|--------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 11,409 | 7,417 | 2,280 | 7,126 | 2,185 | 245 | 0 |
| Non-Road | 326 | 1,857 | 34 | 15 | 14 | 2 | 0 |
| On-Road | 29 | 394 | 11 | 1 | 0 | 0 | 3 |
| Point | 4 | 0 | 0 | 0 | 0 | 0 | 1 |
| Commercial Marine Vessels (CMV) | 13 | 126 | 298 | 13 | 13 | 108 | 0 |
| Aviation (Aircraft & GSE) | 34 | 353 | 89 | 21 | 20 | 11 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 43 | 904 | 19 | 88 | 75 | 5 | 4 |
| TOTAL - All Sources | 11,857 | 11,050 | 2,732 | 7,263 | 2,308 | 371 | 8 |
| Anthropogenic Fraction | 99.6% | 91.8% | 99.3% | 98.8% | 96.7% | 98.6% | 51.5% |

| Kodiak Island Borough | | | | | | | |
|--|---------------|---------------|--------------|--------------|--------------|--------------|--------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 11,009 | 7,156 | 2,200 | 6,875 | 2,109 | 236 | 0 |
| Non-Road | 314 | 1,792 | 33 | 14 | 13 | 2 | 0 |
| On-Road | 28 | 380 | 11 | 1 | 0 | 0 | 3 |
| Point | 4 | 0 | 0 | 0 | 0 | 0 | 1 |
| Commercial Marine Vessels (CMV) | 20 | 219 | 352 | 15 | 4 | 15 | 0 |
| Aviation (Aircraft & GSE) | 33 | 341 | 86 | 20 | 19 | 10 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 43 | 904 | 19 | 88 | 75 | 5 | 4 |
| TOTAL - All Sources | 11,449 | 10,791 | 2,700 | 7,013 | 2,221 | 269 | 8 |
| Anthropogenic Fraction | 99.6% | 91.6% | 99.3% | 98.7% | 96.6% | 98.0% | 51.3% |

| Kodiak Island Borough | | | | | | | |
|--|--------------|--------------|--------------|--------------|--------------|---------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | -3.5% | -3.5% | -3.5% | -3.5% | -3.5% | -3.5% | - |
| Non-Road | -3.5% | -3.5% | -3.5% | -3.5% | -3.5% | -3.5% | -3.5% |
| On-Road | -3.5% | -3.5% | -3.5% | -3.5% | -3.5% | -3.5% | -3.5% |
| Point | -3.5% | - | - | - | -3.5% | -3.5% | -3.5% |
| Commercial Marine Vessels (CMV) | +54.5% | +73.6% | +18.0% | +11.9% | -67.3% | -86.0% | +48.8% |
| Aviation (Aircraft & GSE) | -3.5% | -3.5% | -3.5% | -3.5% | -3.5% | -3.5% | -3.5% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% |
| TOTAL - All Sources | -3.4% | -2.3% | -1.1% | -3.4% | -3.8% | -27.4% | -0.5% |

| Lake and Peninsula Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 34 | 142 | 454 | 525 | 91 | 48 | 0 |
| Non-Road | 1 | 20 | 3 | 0 | 0 | 0 | 0 |
| On-Road | 3 | 36 | 1 | 0 | 0 | 0 | 0 |
| Point | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 1 | 19 | 16 | 0 | 0 | 4 | 0 |
| Aviation (Aircraft & GSE) | 22 | 424 | 7 | 10 | 10 | 2 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 62 | 640 | 480 | 536 | 101 | 54 | 0 |
| Anthropogenic Fraction | 100.0% |

| Lake and Peninsula Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 32 | 133 | 424 | 491 | 85 | 45 | 0 |
| Non-Road | 1 | 18 | 3 | 0 | 0 | 0 | 0 |
| On-Road | 2 | 34 | 1 | 0 | 0 | 0 | 0 |
| Point | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 2 | 27 | 17 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 21 | 396 | 6 | 10 | 9 | 2 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 58 | 607 | 451 | 501 | 95 | 47 | 0 |
| Anthropogenic Fraction | 100.0% |

| Lake and Peninsula Borough | | | | | | | |
|---|--------------|--------------|--------------|--------------|--------------|---------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | -6.6% | -6.6% | -6.6% | -6.6% | -6.6% | -6.6% | - |
| Non-Road | -6.6% | -6.6% | -6.6% | -6.6% | -6.6% | -6.6% | -6.6% |
| On-Road | -6.6% | -6.6% | -6.6% | -6.6% | -6.6% | -6.6% | -6.6% |
| Point | -6.6% | - | - | - | - | - | - |
| Commercial Marine Vessels (CMV) | +20.6% | +43.1% | +11.6% | -2.5% | -2.4% | -96.7% | +42.2% |
| Aviation (Aircraft & GSE) | -6.6% | -6.6% | -6.6% | -6.6% | -6.6% | -6.6% | -6.6% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | - | - | - | - | - | - | - |
| TOTAL - All Sources | -6.0% | -5.1% | -6.0% | -6.6% | -6.6% | -12.7% | -4.4% |

| Matanuska-Susitna Borough | | | | | | | |
|-----------------------------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 977 | 785 | 277 | 4,361 | 988 | 109 | 0 |
| Non-Road | 359 | 2,498 | 201 | 26 | 24 | 1 | 0 |
| On-Road | 785 | 8,661 | 761 | 19 | 17 | 37 | 34 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 1 | 12 | 10 | 0 | 0 | 2 | 0 |
| Aviation (Aircraft & GSE) | 61 | 1,467 | 24 | 32 | 29 | 6 | 1 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 402 | 8,541 | 183 | 830 | 712 | 50 | 38 |
| TOTAL - All Sources | 2,585 | 21,965 | 1,455 | 5,268 | 1,771 | 205 | 74 |
| Anthropogenic Fraction | 84.5% | 61.1% | 87.4% | 84.2% | 59.8% | 75.5% | 47.8% |

| Matanuska-Susitna Borough | | | | | | | |
|-----------------------------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 1,579 | 1,269 | 436 | 6,998 | 1,584 | 179 | 0 |
| Non-Road | 477 | 5,483 | 162 | 24 | 23 | 1 | 0 |
| On-Road | 381 | 6,220 | 410 | 21 | 11 | 6 | 51 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 1 | 18 | 11 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 101 | 2,418 | 39 | 52 | 47 | 9 | 1 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 402 | 8,541 | 183 | 830 | 712 | 50 | 38 |
| TOTAL - All Sources | 2,941 | 23,949 | 1,242 | 7,925 | 2,377 | 245 | 91 |
| Anthropogenic Fraction | 86.3% | 64.3% | 85.2% | 89.5% | 70.0% | 79.5% | 58.0% |

| Matanuska-Susitna Borough | | | | | | | |
|---|---------------|--------------|---------------|---------------|---------------|---------------|---------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | +61.6% | +61.6% | +57.3% | +60.4% | +60.2% | +63.9% | +39.7% |
| Non-Road | +33.1% | +119.5% | -19.3% | -6.7% | -7.4% | -24.0% | +40.2% |
| On-Road | -51.5% | -28.2% | -46.1% | +11.7% | -36.7% | -85.0% | +50.3% |
| Point | - | - | - | - | - | - | - |
| Commercial Marine Vessels (CMV) | +20.9% | +44.0% | +16.7% | -2.3% | -2.3% | -96.5% | +44.0% |
| Aviation (Aircraft & GSE) | +64.9% | +64.9% | +64.9% | +64.9% | +64.9% | +64.9% | +64.9% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% |
| TOTAL - All Sources | +13.8% | +9.0% | -14.7% | +50.4% | +34.2% | +19.5% | +24.1% |

| Nome Census Area | | | | | | | |
|-----------------------------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 11,488 | 6,746 | 396 | 5,775 | 1,917 | 23 | 0 |
| Non-Road | 329 | 2,865 | 176 | 9 | 8 | 2 | 0 |
| On-Road | 22 | 194 | 14 | 0 | 0 | 0 | 1 |
| Point | 8 | 27 | 411 | 8 | 0 | 65 | 0 |
| Commercial Marine Vessels (CMV) | 1 | 23 | 4 | 0 | 0 | 1 | 0 |
| Aviation (Aircraft & GSE) | 33 | 535 | 15 | 19 | 18 | 4 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 106 | 2,259 | 48 | 220 | 188 | 13 | 10 |
| TOTAL - All Sources | 11,988 | 12,649 | 1,064 | 6,031 | 2,132 | 108 | 11 |
| Anthropogenic Fraction | 99.1% | 82.1% | 95.4% | 96.4% | 91.2% | 87.7% | 11.4% |

| Nome Census Area | | | | | | | |
|-----------------------------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 13,178 | 7,739 | 454 | 6,625 | 2,200 | 26 | 0 |
| Non-Road | 378 | 3,286 | 202 | 10 | 9 | 2 | 0 |
| On-Road | 26 | 222 | 16 | 0 | 0 | 0 | 1 |
| Point | 7 | 51 | 783 | 16 | 0 | 124 | 0 |
| Commercial Marine Vessels (CMV) | 2 | 34 | 5 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 38 | 614 | 17 | 21 | 21 | 5 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 106 | 2,259 | 48 | 220 | 188 | 13 | 10 |
| TOTAL - All Sources | 13,734 | 14,204 | 1,525 | 6,893 | 2,418 | 171 | 12 |
| Anthropogenic Fraction | 99.2% | 84.1% | 96.8% | 96.8% | 92.2% | 92.2% | 12.9% |

| Nome Census Area | | | | | | | |
|---|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | +14.7% | +14.7% | +14.7% | +14.7% | +14.7% | +14.7% | - |
| Non-Road | +14.7% | +14.7% | +14.7% | +14.7% | +14.7% | +14.7% | +14.7% |
| On-Road | +14.7% | +14.7% | +14.7% | +14.7% | +14.7% | +14.7% | +14.7% |
| Point | -16.2% | +90.6% | +90.6% | +90.6% | +14.7% | +90.5% | +14.7% |
| Commercial Marine Vessels (CMV) | +20.7% | +43.8% | +12.4% | -4.1% | -4.0% | -96.8% | +43.6% |
| Aviation (Aircraft & GSE) | +14.7% | +14.7% | +14.7% | +14.7% | +14.7% | +14.7% | +14.7% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% |
| TOTAL - All Sources | +14.6% | +12.3% | +43.3% | +14.3% | +13.4% | +58.0% | +1.7% |

| North Slope Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 5,034 | 2,871 | 109 | 2,585 | 836 | 9 | 0 |
| Non-Road | 635 | 4,069 | 359 | 20 | 18 | 4 | 1 |
| On-Road | 14 | 124 | 12 | 0 | 0 | 0 | 0 |
| Point | 1,107 | 16,239 | 41,409 | 2,282 | 943 | 779 | 23 |
| Commercial Marine Vessels (CMV) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 38 | 742 | 18 | 23 | 21 | 4 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 6,828 | 24,045 | 41,908 | 4,910 | 1,818 | 796 | 24 |
| Anthropogenic Fraction | 100.0% |

| North Slope Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 5,529 | 3,153 | 120 | 2,840 | 919 | 10 | 0 |
| Non-Road | 698 | 4,469 | 395 | 22 | 20 | 4 | 1 |
| On-Road | 15 | 136 | 14 | 0 | 0 | 0 | 0 |
| Point | 938 | 12,838 | 31,229 | 330 | 48 | 1,045 | 89 |
| Commercial Marine Vessels (CMV) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 42 | 815 | 20 | 25 | 23 | 5 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 7,222 | 21,413 | 31,777 | 3,217 | 1,010 | 1,064 | 90 |
| Anthropogenic Fraction | 100.0% |

| North Slope Borough | | | | | | | |
|---|--------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | +9.8% | +9.8% | +9.8% | +9.8% | +9.8% | +9.8% | - |
| Non-Road | +9.8% | +9.8% | +9.8% | +9.8% | +9.8% | +9.8% | +9.8% |
| On-Road | +9.8% | +9.8% | +9.8% | +9.8% | +9.8% | +9.8% | +9.8% |
| Point | -15.3% | -20.9% | -24.6% | -85.5% | -94.9% | +34.1% | +285.1% |
| Commercial Marine Vessels (CMV) | +19.5% | +41.9% | -12.6% | -14.4% | -14.3% | -97.6% | +38.7% |
| Aviation (Aircraft & GSE) | +9.8% | +9.8% | +9.8% | +9.8% | +9.8% | +9.8% | +9.8% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | - | - | - | - | - | - | - |
| TOTAL - All Sources | +5.8% | -10.9% | -24.2% | -34.5% | -44.5% | +33.6% | +273.1% |

| Northwest Arctic Borough | | | | | | | |
|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 5,029 | 2,873 | 128 | 2,583 | 836 | 9 | 0 |
| Non-Road | 635 | 4,077 | 360 | 20 | 18 | 4 | 1 |
| On-Road | 14 | 124 | 12 | 0 | 0 | 0 | 0 |
| Point | 175 | 387 | 3,804 | 156 | 145 | 258 | 0 |
| Commercial Marine Vessels (CMV) | 1 | 6 | 28 | 1 | 1 | 12 | 0 |
| Aviation (Aircraft & GSE) | 30 | 560 | 14 | 15 | 14 | 4 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 92 | 1,957 | 42 | 190 | 163 | 12 | 9 |
| TOTAL - All Sources | 5,976 | 9,984 | 4,388 | 2,966 | 1,179 | 297 | 10 |
| Anthropogenic Fraction | 98.5% | 80.4% | 99.0% | 93.6% | 86.1% | 96.1% | 9.7% |

| Northwest Arctic Borough | | | | | | | |
|-----------------------------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 5,866 | 3,351 | 150 | 3,012 | 975 | 10 | 0 |
| Non-Road | 741 | 4,755 | 420 | 23 | 21 | 4 | 1 |
| On-Road | 16 | 145 | 14 | 0 | 0 | 0 | 0 |
| Point | 325 | 484 | 4,610 | 283 | 262 | 308 | 0 |
| Commercial Marine Vessels (CMV) | 1 | 8 | 29 | 1 | 0 | 2 | 0 |
| Aviation (Aircraft & GSE) | 35 | 654 | 16 | 17 | 17 | 4 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 92 | 1,957 | 42 | 190 | 163 | 12 | 9 |
| TOTAL - All Sources | 7,076 | 11,353 | 5,281 | 3,528 | 1,439 | 339 | 10 |
| Anthropogenic Fraction | 98.7% | 82.8% | 99.2% | 94.6% | 88.7% | 96.6% | 11.1% |

| Northwest Arctic Borough | | | | | | | |
|---|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | +16.6% | +16.6% | +16.6% | +16.6% | +16.6% | +16.6% | - |
| Non-Road | +16.6% | +16.6% | +16.6% | +16.6% | +16.6% | +16.6% | +16.6% |
| On-Road | +16.6% | +16.6% | +16.6% | +16.6% | +16.6% | +16.6% | +16.6% |
| Point | +86.2% | +25.2% | +21.2% | +81.1% | +80.6% | +19.3% | - |
| Commercial Marine Vessels (CMV) | +35.8% | +31.8% | +4.7% | -0.1% | -76.4% | -87.0% | +42.4% |
| Aviation (Aircraft & GSE) | +16.6% | +16.6% | +16.6% | +16.6% | +16.6% | +16.6% | +16.6% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% |
| TOTAL - All Sources | +18.4% | +13.7% | +20.3% | +18.9% | +22.1% | +14.3% | +1.6% |

| Prince of Wales-Outer Ketchikan C.A./2 /3 | | | | | | | |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 4,554 | 2,603 | 107 | 3,915 | 994 | 8 | 0 |
| Non-Road | 305 | 1,918 | 99 | 11 | 10 | 3 | 0 |
| On-Road | 63 | 542 | 67 | 2 | 1 | 1 | 3 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 39 | 392 | 922 | 60 | 58 | 474 | 1 |
| Aviation (Aircraft & GSE) | 15 | 281 | 5 | 9 | 8 | 2 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 4,976 | 5,737 | 1,200 | 3,996 | 1,071 | 488 | 4 |
| Anthropogenic Fraction | 100.0% |

| Prince of Wales-Outer Ketchikan C.A./2 /3 | | | | | | | |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 3,844 | 2,198 | 90 | 3,305 | 839 | 7 | 0 |
| Non-Road | 257 | 1,619 | 84 | 9 | 8 | 3 | 0 |
| On-Road | 53 | 457 | 56 | 2 | 1 | 1 | 2 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 75 | 685 | 1,414 | 109 | 32 | 106 | 1 |
| Aviation (Aircraft & GSE) | 13 | 238 | 4 | 7 | 7 | 1 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 4,242 | 5,197 | 1,649 | 3,432 | 887 | 118 | 4 |
| Anthropogenic Fraction | 100.0% |

| Prince of Wales-Outer Ketchikan C.A./2 /3 | | | | | | | |
|---|---------------|--------------|---------------|---------------|---------------|---------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | -15.6% | -15.6% | -15.6% | -15.6% | -15.6% | -15.6% | - |
| Non-Road | -15.6% | -15.6% | -15.6% | -15.6% | -15.6% | -15.6% | -15.6% |
| On-Road | -15.6% | -15.6% | -15.6% | -15.6% | -15.6% | -15.6% | -15.6% |
| Point | - | - | - | - | - | - | - |
| Commercial Marine Vessels (CMV) | +90.3% | +75.0% | +53.4% | +81.6% | -44.8% | -77.6% | +88.3% |
| Aviation (Aircraft & GSE) | -15.6% | -15.6% | -15.6% | -15.6% | -15.6% | -15.6% | -15.6% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | - | - | - | - | - | - | - |
| TOTAL - All Sources | -14.7% | -9.4% | +37.5% | -14.1% | -17.2% | -75.8% | +1.0% |

| Sitka City and Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 126 | 160 | 297 | 815 | 207 | 31 | 0 |
| Non-Road | 76 | 601 | 113 | 10 | 10 | 0 | 0 |
| On-Road | 128 | 1,558 | 144 | 4 | 3 | 6 | 4 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 30 | 151 | 881 | 63 | 61 | 451 | 0 |
| Aviation (Aircraft & GSE) | 8 | 143 | 3 | 5 | 4 | 1 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 367 | 2,614 | 1,438 | 897 | 286 | 489 | 5 |
| Anthropogenic Fraction | 100.0% |

| Sitka City and Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 127 | 163 | 301 | 824 | 209 | 31 | 0 |
| Non-Road | 76 | 608 | 115 | 11 | 11 | 0 | 0 |
| On-Road | 44 | 855 | 43 | 2 | 1 | 0 | 4 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 31 | 176 | 881 | 63 | 61 | 417 | 0 |
| Aviation (Aircraft & GSE) | 8 | 145 | 3 | 5 | 4 | 1 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 287 | 1,947 | 1,343 | 905 | 287 | 449 | 5 |
| Anthropogenic Fraction | 100.0% |

| Sitka City and Borough | | | | | | | |
|---|---------------|---------------|--------------|--------------|--------------|--------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | +0.8% | +1.6% | +1.4% | +1.1% | +1.2% | -0.4% | - |
| Non-Road | +1.2% | +1.2% | +1.2% | +6.3% | +1.2% | - | - |
| On-Road | -65.3% | -45.1% | -69.8% | -47.2% | -61.7% | -96.1% | +2.0% |
| Point | - | - | - | - | - | - | - |
| Commercial Marine Vessels (CMV) | +3.3% | +16.4% | -0.0% | -0.1% | -0.1% | -7.6% | +8.3% |
| Aviation (Aircraft & GSE) | +1.2% | +1.2% | +1.2% | +1.2% | +1.2% | +1.2% | +1.2% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | - | - | - | - | - | - | - |
| TOTAL - All Sources | -21.9% | -25.5% | -6.6% | +0.9% | +0.3% | -8.1% | +2.5% |

| Skagway-Hoonah-Angoon C.A. | | | | | | | |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 2,613 | 1,494 | 61 | 2,246 | 570 | 5 | 0 |
| Non-Road | 163 | 1,033 | 53 | 6 | 5 | 2 | 0 |
| On-Road | 36 | 311 | 38 | 1 | 1 | 1 | 2 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 37 | 205 | 1,380 | 79 | 76 | 571 | 0 |
| Aviation (Aircraft & GSE) | 14 | 225 | 4 | 7 | 7 | 2 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 2,863 | 3,268 | 1,537 | 2,339 | 660 | 579 | 2 |
| Anthropogenic Fraction | 100.0% |

| Skagway-Hoonah-Angoon C.A. | | | | | | | |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 2,025 | 1,158 | 48 | 1,741 | 442 | 4 | 0 |
| Non-Road | 126 | 801 | 41 | 5 | 4 | 1 | 0 |
| On-Road | 28 | 241 | 30 | 1 | 1 | 1 | 1 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 68 | 346 | 2,089 | 130 | 126 | 25 | 1 |
| Aviation (Aircraft & GSE) | 11 | 175 | 3 | 5 | 5 | 1 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 2,259 | 2,720 | 2,211 | 1,882 | 578 | 32 | 2 |
| Anthropogenic Fraction | 100.0% |

| Skagway-Hoonah-Angoon C.A. | | | | | | | |
|--|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | -22.5% | -22.5% | -22.5% | -22.5% | -22.5% | -22.5% | - |
| Non-Road | -22.5% | -22.5% | -22.5% | -22.5% | -22.5% | -22.5% | -22.5% |
| On-Road | -22.5% | -22.5% | -22.5% | -22.5% | -22.5% | -22.5% | -22.5% |
| Point | - | - | - | - | - | - | - |
| Commercial Marine Vessels (CMV) | +83.7% | +68.9% | +51.4% | +65.1% | +65.1% | -95.6% | +71.5% |
| Aviation (Aircraft & GSE) | -22.5% | -22.5% | -22.5% | -22.5% | -22.5% | -22.5% | -22.5% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | - | - | - | - | - | - | - |
| TOTAL - All Sources | -21.1% | -16.7% | +43.9% | -19.5% | -12.3% | -94.5% | -2.6% |

| Southeast Fairbanks Census Area | | | | | | | |
|-----------------------------------|---------------|----------------|---------------|---------------|---------------|--------------|--------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 14,535 | 10,070 | 1,836 | 9,168 | 2,920 | 47 | 0 |
| Non-Road | 287 | 1,077 | 21 | 11 | 10 | 1 | 0 |
| On-Road | 24 | 419 | 11 | 1 | 0 | 0 | 3 |
| Point | 11 | 52 | 214 | 10 | 0 | 30 | 0 |
| Commercial Marine Vessels (CMV) | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 81 | 303 | 70 | 25 | 24 | 7 | 0 |
| Fires, Anthropogenic | 3 | 40 | 3 | 4 | 4 | 1 | 0 |
| Fires, Natural | 17,843 | 379,157 | 8,134 | 36,866 | 31,618 | 2,230 | 1,706 |
| TOTAL - All Sources | 32,784 | 391,121 | 10,291 | 46,086 | 34,578 | 2,317 | 1,709 |
| Anthropogenic Fraction | 45.6% | 3.1% | 21.0% | 20.0% | 8.6% | 3.7% | 0.2% |

| Southeast Fairbanks Census Area | | | | | | | |
|-----------------------------------|---------------|----------------|---------------|---------------|---------------|--------------|--------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 18,581 | 12,874 | 2,347 | 11,720 | 3,733 | 60 | 0 |
| Non-Road | 367 | 1,377 | 26 | 15 | 13 | 1 | 0 |
| On-Road | 31 | 536 | 15 | 1 | 0 | 0 | 4 |
| Point | 12 | 59 | 243 | 12 | 0 | 34 | 0 |
| Commercial Marine Vessels (CMV) | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 103 | 388 | 90 | 32 | 31 | 9 | 0 |
| Fires, Anthropogenic | 3 | 40 | 3 | 4 | 4 | 1 | 0 |
| Fires, Natural | 17,843 | 379,157 | 8,134 | 36,866 | 31,618 | 2,230 | 1,706 |
| TOTAL - All Sources | 36,941 | 394,432 | 10,860 | 48,650 | 35,400 | 2,336 | 1,710 |
| Anthropogenic Fraction | 51.7% | 3.9% | 25.1% | 24.2% | 10.7% | 4.5% | 0.3% |

| Southeast Fairbanks Census Area | | | | | | | |
|---|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | +27.8% | +27.8% | +27.8% | +27.8% | +27.8% | +27.8% | - |
| Non-Road | +27.8% | +27.8% | +27.8% | +27.8% | +27.8% | +27.8% | +27.8% |
| On-Road | +27.8% | +27.8% | +27.8% | +27.8% | +27.8% | +27.8% | +27.8% |
| Point | +13.6% | +13.6% | +13.6% | +13.6% | - | +13.6% | - |
| Commercial Marine Vessels (CMV) | +20.9% | +44.0% | +16.7% | -2.3% | -2.3% | -96.5% | +44.0% |
| Aviation (Aircraft & GSE) | +27.8% | +27.8% | +27.8% | +27.8% | +27.8% | +27.8% | +27.8% |
| Fires, Anthropogenic | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% |
| Fires, Natural | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% |
| TOTAL - All Sources | +12.7% | +0.8% | +5.5% | +5.6% | +2.4% | +0.8% | +0.1% |

| Valdez-Cordova Census Area | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 11,147 | 6,665 | 631 | 6,279 | 1,974 | 23 | 0 |
| Non-Road | 30 | 416 | 34 | 3 | 3 | 0 | 0 |
| On-Road | 7 | 106 | 3 | 0 | 0 | 0 | 1 |
| Point | 1,142 | 302 | 811 | 42 | 0 | 310 | 0 |
| Commercial Marine Vessels (CMV) | 66 | 525 | 2,286 | 153 | 149 | 1,195 | 1 |
| Aviation (Aircraft & GSE) | 16 | 330 | 6 | 9 | 8 | 2 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 12,406 | 8,345 | 3,772 | 6,486 | 2,134 | 1,530 | 2 |
| Anthropogenic Fraction | 100.0% |

| Valdez-Cordova Census Area | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 11,071 | 6,620 | 627 | 6,236 | 1,960 | 23 | 0 |
| Non-Road | 29 | 414 | 34 | 3 | 3 | 0 | 0 |
| On-Road | 7 | 106 | 3 | 0 | 0 | 0 | 1 |
| Point | 1,058 | 370 | 1,045 | 51 | 1 | 464 | 0 |
| Commercial Marine Vessels (CMV) | 114 | 878 | 3,245 | 223 | 606 | 107 | 2 |
| Aviation (Aircraft & GSE) | 16 | 328 | 6 | 9 | 8 | 2 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 12,294 | 8,715 | 4,959 | 6,522 | 2,578 | 596 | 3 |
| Anthropogenic Fraction | 100.0% |

| Valdez-Cordova Census Area | | | | | | | |
|---|--------------|--------------|---------------|--------------|---------------|---------------|---------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | -0.7% | -0.7% | -0.7% | -0.7% | -0.7% | -0.7% | - |
| Non-Road | -0.7% | -0.7% | -0.7% | -0.7% | -0.7% | -0.7% | -0.7% |
| On-Road | -0.7% | -0.7% | -0.7% | -0.7% | -0.7% | -0.7% | -0.7% |
| Point | -7.4% | +22.7% | +28.9% | +22.8% | +61.0% | +49.8% | - |
| Commercial Marine Vessels (CMV) | +73.2% | +67.2% | +41.9% | +45.2% | +307.1% | -91.1% | +54.3% |
| Aviation (Aircraft & GSE) | -0.7% | -0.7% | -0.7% | -0.7% | -0.7% | -0.7% | -0.7% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | - | - | - | - | - | - | - |
| TOTAL - All Sources | -0.9% | +4.4% | +31.5% | +0.6% | +20.8% | -61.1% | +29.2% |

| Wade Hampton Census Area | | | | | | | |
|-----------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 10,792 | 6,201 | 419 | 5,970 | 1,859 | 19 | 0 |
| Non-Road | 205 | 2,716 | 199 | 4 | 4 | 2 | 0 |
| On-Road | 22 | 153 | 15 | 0 | 0 | 0 | 0 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 2 | 38 | 4 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 12 | 209 | 4 | 6 | 5 | 1 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 9 | 187 | 4 | 18 | 16 | 1 | 1 |
| TOTAL - All Sources | 11,042 | 9,505 | 645 | 5,998 | 1,884 | 24 | 1 |
| Anthropogenic Fraction | 99.9% | 98.0% | 99.4% | 99.7% | 99.2% | 95.3% | 42.3% |

| Wade Hampton Census Area | | | | | | | |
|-----------------------------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 13,073 | 7,512 | 508 | 7,231 | 2,252 | 23 | 0 |
| Non-Road | 248 | 3,290 | 241 | 5 | 5 | 2 | 0 |
| On-Road | 26 | 185 | 18 | 0 | 0 | 0 | 0 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 3 | 55 | 4 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 14 | 254 | 5 | 7 | 7 | 1 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 9 | 187 | 4 | 18 | 16 | 1 | 1 |
| TOTAL - All Sources | 13,373 | 11,483 | 780 | 7,262 | 2,279 | 28 | 2 |
| Anthropogenic Fraction | 99.9% | 98.4% | 99.5% | 99.7% | 99.3% | 96.0% | 47.3% |

| Wade Hampton Census Area | | | | | | | |
|---|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | +21.1% | +21.1% | +21.1% | +21.1% | +21.1% | +21.1% | - |
| Non-Road | +21.1% | +21.1% | +21.1% | +21.1% | +21.1% | +21.1% | +21.1% |
| On-Road | +21.1% | +21.1% | +21.1% | +21.1% | +21.1% | +21.1% | +21.1% |
| Point | - | - | - | - | - | - | - |
| Commercial Marine Vessels (CMV) | +20.8% | +43.9% | +11.7% | -2.6% | -2.6% | -96.9% | +43.7% |
| Aviation (Aircraft & GSE) | +21.1% | +21.1% | +21.1% | +21.1% | +21.1% | +21.1% | +21.1% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% |
| TOTAL - All Sources | +21.1% | +20.8% | +20.9% | +21.1% | +21.0% | +18.2% | +9.4% |

| Wrangell-Petersburg Census Area | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 984 | 616 | 201 | 1,274 | 323 | 21 | 0 |
| Non-Road | 93 | 667 | 84 | 8 | 8 | 1 | 0 |
| On-Road | 90 | 1,054 | 101 | 3 | 2 | 4 | 3 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 14 | 147 | 519 | 20 | 19 | 173 | 0 |
| Aviation (Aircraft & GSE) | 17 | 271 | 6 | 8 | 8 | 2 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 1,197 | 2,755 | 911 | 1,314 | 361 | 200 | 4 |
| Anthropogenic Fraction | 100.0% |

| Wrangell-Petersburg Census Area | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 862 | 540 | 177 | 1,117 | 284 | 18 | 0 |
| Non-Road | 81 | 585 | 74 | 7 | 7 | 0 | 0 |
| On-Road | 34 | 544 | 34 | 1 | 1 | 0 | 3 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 21 | 207 | 619 | 28 | 27 | 6 | 0 |
| Aviation (Aircraft & GSE) | 15 | 238 | 5 | 7 | 7 | 2 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 1,013 | 2,114 | 909 | 1,161 | 326 | 27 | 3 |
| Anthropogenic Fraction | 100.0% |

| Wrangell-Petersburg Census Area | | | | | | | |
|---|---------------|---------------|--------------|---------------|--------------|---------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | -12.3% | -12.3% | -12.2% | -12.4% | -12.3% | -13.7% | - |
| Non-Road | -12.3% | -12.3% | -12.3% | -8.9% | -12.3% | -12.3% | -12.3% |
| On-Road | -62.0% | -48.4% | -65.7% | -48.3% | -60.7% | -90.9% | -11.8% |
| Point | - | - | - | - | - | - | - |
| Commercial Marine Vessels (CMV) | +44.2% | +40.1% | +19.3% | +39.2% | +39.2% | -96.3% | +40.5% |
| Aviation (Aircraft & GSE) | -12.3% | -12.3% | -12.3% | -12.3% | -12.3% | -12.3% | -12.3% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | - | - | - | - | - | - | - |
| TOTAL - All Sources | -15.4% | -23.3% | -0.2% | -11.6% | -9.8% | -86.7% | -7.9% |

| Yakutat City and Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 579 | 331 | 14 | 498 | 126 | 1 | 0 |
| Non-Road | 40 | 253 | 13 | 1 | 1 | 0 | 0 |
| On-Road | 8 | 69 | 9 | 0 | 0 | 0 | 0 |
| Point | 3 | 28 | 106 | 4 | 0 | 8 | 0 |
| Commercial Marine Vessels (CMV) | 1 | 20 | 9 | 0 | 0 | 2 | 0 |
| Aviation (Aircraft & GSE) | 4 | 81 | 1 | 2 | 2 | 0 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 636 | 782 | 152 | 505 | 130 | 12 | 0 |
| Anthropogenic Fraction | 100.0% |

| Yakutat City and Borough | | | | | | | |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 510 | 291 | 12 | 438 | 111 | 1 | 0 |
| Non-Road | 35 | 222 | 12 | 1 | 1 | 0 | 0 |
| On-Road | 7 | 61 | 7 | 0 | 0 | 0 | 0 |
| Point | 3 | 28 | 106 | 4 | 0 | 8 | 0 |
| Commercial Marine Vessels (CMV) | 1 | 29 | 10 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 3 | 72 | 1 | 2 | 2 | 0 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL - All Sources | 560 | 703 | 148 | 445 | 114 | 9 | 0 |
| Anthropogenic Fraction | 100.0% |

| Yakutat City and Borough | | | | | | | |
|---|---------------|---------------|--------------|---------------|---------------|---------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | -12.0% | -12.0% | -12.0% | -12.0% | -12.0% | -12.0% | - |
| Non-Road | -12.0% | -12.0% | -12.0% | -12.0% | -12.0% | -12.0% | -12.0% |
| On-Road | -12.0% | -12.0% | -12.0% | -12.0% | -12.0% | -12.0% | -12.0% |
| Point | -0.0% | +0.0% | +0.0% | -0.0% | - | +0.0% | - |
| Commercial Marine Vessels (CMV) | +20.4% | +42.6% | +3.5% | -2.4% | -2.4% | -97.0% | +40.9% |
| Aviation (Aircraft & GSE) | -12.0% | -12.0% | -12.0% | -12.0% | -12.0% | -12.0% | -12.0% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | - | - | - | - | - | - | - |
| TOTAL - All Sources | -11.9% | -10.1% | -2.6% | -11.9% | -12.0% | -20.1% | -9.7% |

| Yukon Koyukuk Census Area | | | | | | | |
|-----------------------------------|----------------|------------------|----------------|----------------|----------------|---------------|---------------|
| 2002 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 8,817 | 6,478 | 379 | 6,793 | 2,040 | 37 | 0 |
| Non-Road | 191 | 1,791 | 87 | 12 | 11 | 1 | 0 |
| On-Road | 6 | 66 | 3 | 0 | 0 | 0 | 0 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 0 | 3 | 2 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 66 | 1,319 | 28 | 35 | 34 | 7 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 251,133 | 5,336,578 | 114,487 | 492,960 | 422,788 | 31,392 | 24,005 |
| TOTAL - All Sources | 260,212 | 5,346,234 | 114,986 | 499,800 | 424,872 | 31,438 | 24,007 |
| Anthropogenic Fraction | 3.5% | 0.2% | 0.4% | 1.4% | 0.5% | 0.1% | 0.0% |

| Yukon Koyukuk Census Area | | | | | | | |
|-----------------------------------|----------------|------------------|----------------|----------------|----------------|---------------|---------------|
| 2018 Annual Emissions (tons/year) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | 7,862 | 5,776 | 338 | 6,057 | 1,819 | 33 | 0 |
| Non-Road | 170 | 1,597 | 78 | 10 | 10 | 1 | 0 |
| On-Road | 5 | 59 | 2 | 0 | 0 | 0 | 0 |
| Point | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial Marine Vessels (CMV) | 0 | 5 | 2 | 0 | 0 | 0 | 0 |
| Aviation (Aircraft & GSE) | 59 | 1,176 | 25 | 31 | 30 | 6 | 0 |
| Fires, Anthropogenic | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fires, Natural | 251,133 | 5,336,578 | 114,487 | 492,960 | 422,788 | 31,392 | 24,005 |
| TOTAL - All Sources | 259,229 | 5,345,191 | 114,932 | 499,060 | 424,647 | 31,433 | 24,006 |
| Anthropogenic Fraction | 3.1% | 0.2% | 0.4% | 1.2% | 0.4% | 0.1% | 0.0% |

| Yukon Koyukuk Census Area | | | | | | | |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Annual Emissions Percentage Change (2002 to 2018) | | | | | | | |
| Inventory Sector | HC | CO | NOx | PM10 | PM2.5 | SOx | NH3 |
| Area, Excluding Fires | -10.8% | -10.8% | -10.8% | -10.8% | -10.8% | -10.8% | - |
| Non-Road | -10.8% | -10.8% | -10.8% | -10.8% | -10.8% | -10.8% | -10.8% |
| On-Road | -10.8% | -10.8% | -10.8% | -10.8% | -10.8% | -10.8% | -10.8% |
| Point | - | - | - | - | - | - | - |
| Commercial Marine Vessels (CMV) | +20.1% | +42.2% | -1.5% | -3.0% | -2.9% | -97.1% | +39.6% |
| Aviation (Aircraft & GSE) | -10.8% | -10.8% | -10.8% | -10.8% | -10.8% | -10.8% | -10.8% |
| Fires, Anthropogenic | - | - | - | - | - | - | - |
| Fires, Natural | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% | +0.0% |
| TOTAL - All Sources | -0.4% | -0.0% | -0.0% | -0.1% | -0.1% | -0.0% | -0.0% |

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