

| 2017 Sac_NAA Offroad Equipment Summary      |                                      |          |        |            |                 |                    | Emissions (tons/day) |        |       |       |
|---------------------------------------------|--------------------------------------|----------|--------|------------|-----------------|--------------------|----------------------|--------|-------|-------|
| Code                                        | Equipment                            | Fuel     | EICMAT | Population | Total Hours/Day | Fuel Usage Gal/Day | ROG                  | CO     | NOX   | PM    |
| EICSUM = 840 RECREATIONAL BOATS             |                                      |          |        |            |                 |                    |                      |        |       |       |
| EICSOUN = 864 RECREATIONAL BOATS            |                                      |          |        |            |                 |                    |                      |        |       |       |
| 282005010                                   | Vessels w/Outboard Engines           | Gasoline | 1100   | 33,720     | 7,212           | 8,121              | 4.920                | 5.566  | 0.381 | 0.590 |
| 282005025                                   | Sailboat Auxiliary Outboard Engin    | Gasoline | 1100   | 386        | 17              | 8                  | 0.016                | 0.006  | 0.000 | 0.001 |
| 282005030                                   | Personal Water Craft                 | Gasoline | 1100   | 37,356     | 4,212           | 15,865             | 2.890                | 4.349  | 0.711 | 1.255 |
| 282010005                                   | Vessels w/Inboard Engines            | Gasoline | 1100   | 17,153     | 7,108           | 39,680             | 2.602                | 48.948 | 1.644 | 0.029 |
| 282010010                                   | Vessels w/Outboard Engines           | Gasoline | 1100   | 2,722      | 582             | 805                | 0.242                | 1.387  | 0.036 | 0.001 |
| 282010015                                   | Vessels w/Sterndrive Engines         | Gasoline | 1100   | 41,101     | 13,370          | 55,176             | 5.055                | 67.863 | 2.248 | 0.040 |
| 282010020                                   | Sailboat Auxiliary Inboard Engine    | Gasoline | 1100   | 486        | 22              | 9                  | 0.026                | 0.016  | 0.000 | 0.000 |
| 282010040                                   | Vessels w/Inboard Jet Engines        | Gasoline | 1100   | 4,464      | 1,452           | 9,633              | 0.569                | 11.890 | 0.414 | 0.007 |
| 282020005                                   | Vessels w/Inboard Engines            | Diesel   | 1210   | 1,114      | 462             | 2,305              | 0.136                | 0.204  | 0.465 | 0.012 |
| 282020020                                   | Sailboat Auxiliary Inboard Engine    | Diesel   | 1210   | 600        | 27              | 15                 | 0.001                | 0.001  | 0.003 | 0.000 |
| Subtotal for RECREATIONAL BOATS             |                                      |          |        | 139102     | 34465           | 131617             | 16.46                | 140.23 | 5.90  | 1.93  |
| EICSUM = 850 OFF-ROAD RECREATIONAL VEHICLES |                                      |          |        |            |                 |                    |                      |        |       |       |
| EICSOUN = 874 ALL-TERRAIN VEHICLES (ATV'S)  |                                      |          |        |            |                 |                    |                      |        |       |       |
| 260001030                                   | All Terrain Vehicles (ATVs) Active   | Gasoline | 1100   | 4,990      | 21,039          | 797                | 0.888                | 1.255  | 0.000 | 0.010 |
| 260001031                                   | All Terrain Vehicles (ATVs) Inactive | Gasoline | 1100   | 1,515      | 6,387           | 0                  | 0.015                | 0.000  | 0.000 | 0.000 |
| 265001030                                   | All Terrain Vehicles (ATVs) Active   | Gasoline | 1100   | 25,233     | 106,386         | 2,002              | 0.574                | 3.372  | 0.081 | 0.007 |
| 265001031                                   | All Terrain Vehicles (ATVs) Inactive | Gasoline | 1100   | 7,660      | 32,296          | 0                  | 0.075                | 0.000  | 0.000 | 0.000 |
| Subtotal for ALL-TERRAIN VEHICLES (ATV'S)   |                                      |          |        | 39398      | 166108          | 2799               | 1.55                 | 4.63   | 0.08  | 0.02  |

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|------------------------------------------------|-------------------------------|----------|--------|------------|-----------------|--------------------|----------------------|-------|-------|-------|
| Code                                           | Equipment                     | Fuel     | EICMAT | Population | Total Hours/Day | Fuel Usage Gal/Day | ROG                  | CO    | NOX   | PM    |
| EICSOUN = 875 GOLF CARTS                       |                               |          |        |            |                 |                    |                      |       |       |       |
| 260001050                                      | Golf Carts                    | Gasoline | 1100   | 33         | 115             | 43                 | 0.003                | 0.118 | 0.001 | 0.000 |
| 265001050                                      | Golf Carts                    | Gasoline | 1100   | 26         | 90              | 38                 | 0.003                | 0.116 | 0.001 | 0.000 |
| Subtotal for GOLF CARTS                        |                               |          |        | 60         | 205             | 81                 | 0.01                 | 0.23  | 0.00  | 0.00  |
| EICSOUN = 873 MINIBIKES                        |                               |          |        |            |                 |                    |                      |       |       |       |
| 265001040                                      | Minibikes                     | Gasoline | 1100   | 634        | 273             | 66                 | 0.072                | 0.286 | 0.001 | 0.001 |
| Subtotal for MINIBIKES                         |                               |          |        | 634        | 273             | 66                 | 0.07                 | 0.29  | 0.00  | 0.00  |
| EICSOUN = 872 OFF-ROAD MOTORCYCLES             |                               |          |        |            |                 |                    |                      |       |       |       |
| 260001010                                      | Off-Road Motorcycles Active   | Gasoline | 1100   | 22,274     | 93,910          | 3,559              | 4.038                | 5.600 | 0.001 | 0.043 |
| 260001011                                      | Off-Road Motorcycles Inactive | Gasoline | 1100   | 8,922      | 37,618          | 0                  | 0.083                | 0.000 | 0.000 | 0.000 |
| 265001010                                      | Off-Road Motorcycles Active   | Gasoline | 1100   | 15,268     | 64,371          | 1,201              | 0.394                | 1.987 | 0.037 | 0.004 |
| 265001011                                      | Off-Road Motorcycles Inactive | Gasoline | 1100   | 6,116      | 25,786          | 0                  | 0.057                | 0.000 | 0.000 | 0.000 |
| Subtotal for OFF-ROAD MOTORCYCLES              |                               |          |        | 52580      | 221686          | 4760               | 4.57                 | 7.59  | 0.04  | 0.05  |
| EICSOUN = 870 SNOWMOBILES                      |                               |          |        |            |                 |                    |                      |       |       |       |
| 260001020                                      | Snowmobiles Active            | Gasoline | 1100   | 2,587      | 16              | 33                 | 0.109                | 0.068 | 0.001 | 0.001 |
| 260001021                                      | Snowmobiles Inactive          | Gasoline | 1100   | 900        | 6               | 0                  | 0.028                | 0.000 | 0.000 | 0.000 |
| Subtotal for SNOWMOBILES                       |                               |          |        | 3487       | 21              | 33                 | 0.14                 | 0.07  | 0.00  | 0.00  |
| EICSOUN = 877 SPECIALTY VEHICLES CARTS         |                               |          |        |            |                 |                    |                      |       |       |       |
| 260001060                                      | Specialty Vehicles Carts      | Gasoline | 1100   | 3,997      | 828             | 305                | 0.049                | 0.832 | 0.008 | 0.001 |
| 265001060                                      | Specialty Vehicles Carts      | Gasoline | 1100   | 2,723      | 564             | 368                | 0.036                | 1.149 | 0.009 | 0.001 |
| Subtotal for SPECIALTY VEHICLES CARTS          |                               |          |        | 6720       | 1392            | 673                | 0.09                 | 1.98  | 0.02  | 0.00  |
| EICSUM = 860 OFF-ROAD EQUIPMENT                |                               |          |        |            |                 |                    |                      |       |       |       |
| EICSOUN = 889 AIRPORT GROUND SUPPORT EQUIPMENT |                               |          |        |            |                 |                    |                      |       |       |       |

| 2017 Sac_NAA Offroad Equipment Summary |                     |          |       |            |                    |                          |                      |       |       |       |
|----------------------------------------|---------------------|----------|-------|------------|--------------------|--------------------------|----------------------|-------|-------|-------|
| Code                                   | Equipment           | Fuel     | ECMAT | Population | Total<br>Hours/Day | Fuel<br>Usage<br>Gal/Day | Emissions (tons/day) |       |       |       |
|                                        |                     |          |       |            |                    |                          | ROG                  | CO    | NOX   | PM    |
| 265008010                              | Cargo Tractor       | Gasoline | 1100  | 29         | 107                | 558                      | 0.011                | 0.434 | 0.023 | 0.000 |
| 265008015                              | A/C Tug Narrow Body | Gasoline | 1100  | 3          | 5                  | 53                       | 0.001                | 0.020 | 0.003 | 0.000 |
| 265008020                              | A/C Tug Wide Body   | Gasoline | 1100  | 1          | 1                  | 46                       | 0.000                | 0.016 | 0.001 | 0.000 |
| 265008025                              | Air Conditioner     | Gasoline | 1100  | 0          | 0                  | 0                        | 0.000                | 0.000 | 0.000 | 0.000 |
| 265008030                              | Air Start Unit      | Gasoline | 1100  | 2          | 0                  | 4                        | 0.000                | 0.001 | 0.000 | 0.000 |
| 265008035                              | Baggage Tug         | Gasoline | 1100  | 37         | 89                 | 465                      | 0.008                | 0.188 | 0.013 | 0.000 |
| 265008040                              | Belt Loader         | Gasoline | 1100  | 18         | 39                 | 111                      | 0.003                | 0.047 | 0.003 | 0.000 |
| 265008045                              | Bobtail             | Gasoline | 1100  | 6          | 14                 | 75                       | 0.001                | 0.030 | 0.002 | 0.000 |
| 265008050                              | Cargo Loader        | Gasoline | 1100  | 5          | 9                  | 31                       | 0.001                | 0.013 | 0.001 | 0.000 |
| 265008055                              | Cart                | Gasoline | 1100  | 2          | 1                  | 0                        | 0.000                | 0.001 | 0.000 | 0.000 |
| 265008060                              | Deicer              | Gasoline | 1100  | 2          | 0                  | 1                        | 0.000                | 0.000 | 0.000 | 0.000 |
| 265008065                              | Forklift            | Gasoline | 1100  | 4          | 9                  | 15                       | 0.001                | 0.017 | 0.000 | 0.000 |
| 265008070                              | Fuel Truck          | Gasoline | 1100  | 3          | 0                  | 0                        | 0.000                | 0.000 | 0.000 | 0.000 |
| 265008075                              | Ground Power Unit   | Gasoline | 1100  | 4          | 8                  | 78                       | 0.001                | 0.027 | 0.002 | 0.000 |
| 265008080                              | Lav Cart            | Gasoline | 1100  | 0          | 0                  | 0                        | 0.000                | 0.000 | 0.000 | 0.000 |
| 265008085                              | Lav Truck           | Gasoline | 1100  | 4          | 14                 | 42                       | 0.001                | 0.017 | 0.001 | 0.000 |
| 265008090                              | Lift                | Gasoline | 1100  | 8          | 8                  | 38                       | 0.001                | 0.018 | 0.002 | 0.000 |
| 265008095                              | Maint. Truck        | Gasoline | 1100  | 5          | 7                  | 40                       | 0.001                | 0.014 | 0.002 | 0.000 |
| 265008100                              | Other GSE           | Gasoline | 1100  | 8          | 4                  | 11                       | 0.001                | 0.010 | 0.000 | 0.000 |
| 265008101                              | Passenger Stand     | Gasoline | 1100  | 4          | 2                  | 13                       | 0.001                | 0.004 | 0.001 | 0.000 |
| 265008102                              | Sweeper             | Gasoline | 1100  | 0          | 0                  | 1                        | 0.000                | 0.000 | 0.000 | 0.000 |
| 265008103                              | Generator           | Gasoline | 1100  | 0          | 1                  | 5                        | 0.000                | 0.004 | 0.000 | 0.000 |
| 265008105                              | Service Truck       | Gasoline | 1100  | 16         | 36                 | 117                      | 0.003                | 0.048 | 0.007 | 0.000 |
| 265008106                              | Catering Truck      | Gasoline | 1100  | 3          | 9                  | 84                       | 0.001                | 0.036 | 0.005 | 0.000 |
| 265008110                              | Water Truck         | Gasoline | 1100  | 1          | 1                  | 3                        | 0.000                | 0.001 | 0.000 | 0.000 |
| 265008111                              | Hydrant truck       | Gasoline | 1100  | 3          | 11                 | 88                       | 0.002                | 0.041 | 0.006 | 0.000 |
| 266008010                              | Cargo Tractor       | NG       | 110   | 3          | 1                  | 12                       | 0.000                | 0.002 | 0.000 | 0.000 |
| 266008025                              | Air Conditioner     | NG       | 110   | 1          | 0                  | 0                        | 0.000                | 0.000 | 0.000 | 0.000 |

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|----------------------------------------|---------------------|--------|--------|------------|-----------------|--------------------|----------------------|-------|-------|-------|
| Code                                   | Equipment           | Fuel   | EICMAT | Population | Total Hours/Day | Fuel Usage Gal/Day | Emissions (tons/day) |       |       |       |
|                                        |                     |        |        |            |                 |                    | ROG                  | CO    | NOX   | PM    |
| 266008035                              | Baggage Tug         | NG     | 110    | 7          | 17              | 105                | 0.000                | 0.031 | 0.005 | 0.000 |
| 266008040                              | Belt Loader         | NG     | 110    | 2          | 3               | 10                 | 0.000                | 0.003 | 0.000 | 0.000 |
| 266008045                              | Bobtail             | NG     | 110    | 0          | 0               | 2                  | 0.000                | 0.001 | 0.000 | 0.000 |
| 266008050                              | Cargo Loader        | NG     | 110    | 1          | 2               | 9                  | 0.000                | 0.003 | 0.000 | 0.000 |
| 266008065                              | Forklift            | NG     | 110    | 10         | 21              | 33                 | 0.000                | 0.003 | 0.001 | 0.000 |
| 266008070                              | Fuel Truck          | NG     | 110    | 0          | 1               | 2                  | 0.000                | 0.000 | 0.000 | 0.000 |
| 266008085                              | Lav Truck           | NG     | 110    | 0          | 0               | 1                  | 0.000                | 0.000 | 0.000 | 0.000 |
| 266008090                              | Lift                | NG     | 110    | 0          | 0               | 2                  | 0.000                | 0.000 | 0.000 | 0.000 |
| 266008100                              | Other               | NG     | 110    | 2          | 4               | 12                 | 0.000                | 0.001 | 0.001 | 0.000 |
| 266008101                              | Passenger Stand     | NG     | 110    | 0          | 0               | 0                  | 0.000                | 0.000 | 0.000 | 0.000 |
| 266008102                              | Sweeper             | NG     | 110    | 0          | 0               | 0                  | 0.000                | 0.000 | 0.000 | 0.000 |
| 266008105                              | Service Truck       | NG     | 110    | 2          | 5               | 22                 | 0.000                | 0.005 | 0.001 | 0.000 |
| 266008106                              | Catering Truck      | NG     | 110    | 1          | 1               | 9                  | 0.000                | 0.002 | 0.000 | 0.000 |
| 270008010                              | Cargo Tractor       | Diesel | 1210   | 2          | 8               | 23                 | 0.000                | 0.002 | 0.002 | 0.000 |
| 270008015                              | A/C Tug Narrow Body | Diesel | 1210   | 13         | 21              | 173                | 0.002                | 0.006 | 0.018 | 0.001 |
| 270008020                              | A/C Tug Wide Body   | Diesel | 1210   | 3          | 6               | 97                 | 0.001                | 0.004 | 0.009 | 0.000 |
| 270008025                              | Air Conditioner     | Diesel | 1210   | 2          | 5               | 37                 | 0.000                | 0.002 | 0.001 | 0.000 |
| 270008030                              | Air Start Unit      | Diesel | 1210   | 7          | 7               | 136                | 0.001                | 0.003 | 0.007 | 0.000 |
| 270008035                              | Baggage Tug         | Diesel | 1210   | 25         | 96              | 215                | 0.004                | 0.017 | 0.025 | 0.002 |
| 270008040                              | Belt Loader         | Diesel | 1210   | 12         | 32              | 50                 | 0.001                | 0.004 | 0.005 | 0.000 |
| 270008045                              | Bobtail             | Diesel | 1210   | 1          | 2               | 6                  | 0.000                | 0.000 | 0.001 | 0.000 |
| 270008050                              | Cargo Loader        | Diesel | 1210   | 15         | 37              | 106                | 0.002                | 0.008 | 0.010 | 0.001 |
| 270008065                              | Forklift            | Diesel | 1210   | 2          | 4               | 11                 | 0.000                | 0.001 | 0.001 | 0.000 |
| 270008070                              | Fuel Truck          | Diesel | 1210   | 1          | 2               | 5                  | 0.000                | 0.000 | 0.000 | 0.000 |
| 270008075                              | Ground Power Unit   | Diesel | 1210   | 17         | 43              | 304                | 0.003                | 0.019 | 0.019 | 0.001 |
| 270008085                              | Lav Truck           | Diesel | 1210   | 0          | 1               | 2                  | 0.000                | 0.000 | 0.000 | 0.000 |
| 270008090                              | Lift                | Diesel | 1210   | 3          | 6               | 19                 | 0.000                | 0.001 | 0.002 | 0.000 |
| 270008100                              | Other GSE           | Diesel | 1210   | 5          | 12              | 49                 | 0.001                | 0.003 | 0.005 | 0.000 |

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|------------------------------------------------------|------------------|-------------|---------------|-------------------|------------------------|---------------------------|-----------------------------|-------------|-------------|-------------|
| <b>Code</b>                                          | <b>Equipment</b> | <b>Fuel</b> | <b>EICMAT</b> | <b>Population</b> | <b>Total Hours/Day</b> | <b>Fuel Usage Gal/Day</b> | <b>Emissions (tons/day)</b> |             |             |             |
|                                                      |                  |             |               |                   |                        |                           | <b>ROG</b>                  | <b>CO</b>   | <b>NOX</b>  | <b>PM</b>   |
| 270008101                                            | Passenger Stand  | Diesel      | 1210          | 0                 | 0                      | 0                         | 0.000                       | 0.000       | 0.000       | 0.000       |
| 270008102                                            | Sweeper          | Diesel      | 1210          | 1                 | 1                      | 1                         | 0.000                       | 0.000       | 0.000       | 0.000       |
| 270008103                                            | Generator        | Diesel      | 1210          | 11                | 47                     | 457                       | 0.004                       | 0.017       | 0.029       | 0.001       |
| 270008105                                            | Service Truck    | Diesel      | 1210          | 2                 | 2                      | 5                         | 0.000                       | 0.000       | 0.000       | 0.000       |
| 270008106                                            | Catering Truck   | Diesel      | 1210          | 0                 | 0                      | 3                         | 0.000                       | 0.000       | 0.000       | 0.000       |
| 270008111                                            | Hydrant Truck    | Diesel      | 1210          | 1                 | 1                      | 10                        | 0.000                       | 0.001       | 0.001       | 0.000       |
| <b>Subtotal for AIRPORT GROUND SUPPORT EQUIPMENT</b> |                  |             |               | <b>322</b>        | <b>767</b>             | <b>3809</b>               | <b>0.06</b>                 | <b>1.13</b> | <b>0.21</b> | <b>0.01</b> |
| <b>EICSOUN = 904 COMMERCIAL (COMMERCIAL)</b>         |                  |             |               |                   |                        |                           |                             |             |             |             |
| 260006005                                            | Generator Sets   | Gasoline    | 1100          | 200               | 70                     | 4                         | 0.006                       | 0.008       | 0.000       | 0.000       |
| 260006010                                            | Pumps            | Gasoline    | 1100          | 917               | 631                    | 76                        | 0.025                       | 0.181       | 0.004       | 0.003       |
| 265006005                                            | Generator Sets   | Gasoline    | 1100          | 6,680             | 2,580                  | 1,251                     | 0.223                       | 3.651       | 0.047       | 0.007       |
| 265006010                                            | Pumps            | Gasoline    | 1100          | 1,500             | 1,074                  | 359                       | 0.061                       | 0.988       | 0.020       | 0.010       |
| 265006015                                            | Air Compressors  | Gasoline    | 1100          | 433               | 662                    | 179                       | 0.026                       | 0.429       | 0.011       | 0.003       |
| 265006025                                            | Welders          | Gasoline    | 1100          | 1,704             | 1,080                  | 911                       | 0.093                       | 2.824       | 0.043       | 0.034       |
| 265006030                                            | Pressure Washers | Gasoline    | 1100          | 1,060             | 392                    | 176                       | 0.036                       | 0.461       | 0.006       | 0.002       |
| <b>Subtotal for COMMERCIAL (COMMERCIAL)</b>          |                  |             |               | <b>12494</b>      | <b>6491</b>            | <b>2955</b>               | <b>0.47</b>                 | <b>8.54</b> | <b>0.13</b> | <b>0.06</b> |
| <b>EICSOUN = 906 COMMERCIAL (OTHER)</b>              |                  |             |               |                   |                        |                           |                             |             |             |             |
| 265006005                                            | Generator Sets   | Gasoline    | 1100          | 877               | 307                    | 881                       | 0.067                       | 0.599       | 0.032       | 0.001       |
| 265006010                                            | Pumps            | Gasoline    | 1100          | 133               | 90                     | 399                       | 0.014                       | 0.184       | 0.011       | 0.000       |
| 265006015                                            | Air Compressors  | Gasoline    | 1100          | 98                | 145                    | 526                       | 0.022                       | 0.335       | 0.024       | 0.000       |
| 265006025                                            | Welders          | Gasoline    | 1100          | 240               | 152                    | 463                       | 0.026                       | 0.283       | 0.019       | 0.000       |
| 265006030                                            | Pressure Washers | Gasoline    | 1100          | 6                 | 2                      | 6                         | 0.000                       | 0.005       | 0.000       | 0.000       |
| 266006005                                            | Generator Sets   | NG          | 110           | 19                | 7                      | 56                        | 0.000                       | 0.011       | 0.002       | 0.000       |
| 266006020                                            | Gas Compressors  | NG          | 110           | 6                 | 163                    | 1,733                     | 0.001                       | 0.423       | 0.036       | 0.001       |
| 270006005                                            | Generator Sets   | Diesel      | 1210          | 1,161             | 1,196                  | 3,317                     | 0.033                       | 0.170       | 0.254       | 0.014       |
| 270006010                                            | Pumps            | Diesel      | 1210          | 618               | 759                    | 1,717                     | 0.020                       | 0.105       | 0.142       | 0.009       |
| 270006015                                            | Air Compressors  | Diesel      | 1210          | 452               | 1,123                  | 3,254                     | 0.038                       | 0.180       | 0.257       | 0.017       |

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|--------------------------------------------------------|--------------------------|-------------|---------------|-------------------|------------------------|---------------------------|-----------------------------|-------------|-------------|-------------|
| <b>Code</b>                                            | <b>Equipment</b>         | <b>Fuel</b> | <b>EICMAT</b> | <b>Population</b> | <b>Total Hours/Day</b> | <b>Fuel Usage Gal/Day</b> | <b>Emissions (tons/day)</b> |             |             |             |
|                                                        |                          |             |               |                   |                        |                           | <b>ROG</b>                  | <b>CO</b>   | <b>NOX</b>  | <b>PM</b>   |
| 270006025                                              | Welders                  | Diesel      | 1210          | 617               | 1,210                  | 1,420                     | 0.028                       | 0.118       | 0.129       | 0.010       |
| 270006030                                              | Pressure Washers         | Diesel      | 1210          | 24                | 10                     | 5                         | 0.000                       | 0.000       | 0.000       | 0.000       |
| <b>Subtotal for COMMERCIAL (OTHER)</b>                 |                          |             |               | <b>4253</b>       | <b>5165</b>            | <b>13777</b>              | <b>0.25</b>                 | <b>2.41</b> | <b>0.91</b> | <b>0.05</b> |
| <b>EICSOUN = 905 COMMERCIAL (RESIDENTIAL)</b>          |                          |             |               |                   |                        |                           |                             |             |             |             |
| 260006005                                              | Generator Sets           | Gasoline    | 1100          | 2                 | 1                      | 0                         | 0.000                       | 0.001       | 0.000       | 0.000       |
| 260006010                                              | Pumps                    | Gasoline    | 1100          | 97                | 52                     | 27                        | 0.003                       | 0.074       | 0.001       | 0.001       |
| 265006005                                              | Generator Sets           | Gasoline    | 1100          | 7,064             | 2,238                  | 2,414                     | 0.301                       | 7.563       | 0.089       | 0.006       |
| 265006010                                              | Pumps                    | Gasoline    | 1100          | 704               | 410                    | 350                       | 0.034                       | 1.077       | 0.017       | 0.013       |
| 265006015                                              | Air Compressors          | Gasoline    | 1100          | 98                | 121                    | 69                        | 0.006                       | 0.211       | 0.003       | 0.003       |
| 265006030                                              | Pressure Washers         | Gasoline    | 1100          | 396               | 118                    | 114                       | 0.016                       | 0.357       | 0.004       | 0.000       |
| <b>Subtotal for COMMERCIAL (RESIDENTIAL)</b>           |                          |             |               | <b>8362</b>       | <b>2939</b>            | <b>2974</b>               | <b>0.36</b>                 | <b>9.28</b> | <b>0.12</b> | <b>0.02</b> |
| <b>EICSOUN = 887 CONSTRUCTION AND MINING EQUIPMENT</b> |                          |             |               |                   |                        |                           |                             |             |             |             |
| 260002006                                              | Tampers/Rammers          | Gasoline    | 1100          | 192               | 95                     | 19                        | 0.003                       | 0.052       | 0.001       | 0.001       |
| 260002009                                              | Plate Compactors         | Gasoline    | 1100          | 16                | 9                      | 2                         | 0.000                       | 0.005       | 0.000       | 0.000       |
| 265002003                                              | Asphalt Pavers           | Gasoline    | 1100          | 18                | 19                     | 34                        | 0.002                       | 0.060       | 0.001       | 0.001       |
| 265002006                                              | Tampers/Rammers          | Gasoline    | 1100          | 9                 | 4                      | 2                         | 0.000                       | 0.007       | 0.000       | 0.000       |
| 265002009                                              | Plate Compactors         | Gasoline    | 1100          | 670               | 352                    | 117                       | 0.018                       | 0.332       | 0.006       | 0.003       |
| 265002015                                              | Rollers                  | Gasoline    | 1100          | 142               | 105                    | 126                       | 0.009                       | 0.265       | 0.006       | 0.003       |
| 265002021                                              | Paving Equipment         | Gasoline    | 1100          | 1,256             | 645                    | 325                       | 0.040                       | 0.915       | 0.016       | 0.010       |
| 265002024                                              | Surfacing Equipment      | Gasoline    | 1100          | 335               | 389                    | 150                       | 0.016                       | 0.448       | 0.008       | 0.005       |
| 265002027                                              | Signal Boards            | Gasoline    | 1100          | 8                 | 6                      | 4                         | 0.000                       | 0.011       | 0.000       | 0.000       |
| 265002030                                              | Trenchers                | Gasoline    | 1100          | 155               | 179                    | 247                       | 0.019                       | 0.544       | 0.011       | 0.006       |
| 265002033                                              | Bore/Drill Rigs          | Gasoline    | 1100          | 20                | 6                      | 21                        | 0.001                       | 0.022       | 0.001       | 0.000       |
| 265002039                                              | Concrete/Industrial Saws | Gasoline    | 1100          | 253               | 202                    | 202                       | 0.015                       | 0.508       | 0.008       | 0.006       |
| 265002042                                              | Cement and Mortar Mixers | Gasoline    | 1100          | 1,747             | 437                    | 180                       | 0.057                       | 0.528       | 0.009       | 0.005       |
| 265002045                                              | Cranes                   | Gasoline    | 1100          | 4                 | 5                      | 15                        | 0.001                       | 0.010       | 0.001       | 0.000       |

| 2017 Sac_NAA Offroad Equipment Summary |                              |          |       |            |                 |                    |                      |       |       |       |
|----------------------------------------|------------------------------|----------|-------|------------|-----------------|--------------------|----------------------|-------|-------|-------|
| Code                                   | Equipment                    | Fuel     | ECMAT | Population | Total Hours/Day | Fuel Usage Gal/Day | Emissions (tons/day) |       |       |       |
|                                        |                              |          |       |            |                 |                    | ROG                  | CO    | NOX   | PM    |
| 265002054                              | Crushing/Proc. Equipment     | Gasoline | 1100  | 5          | 3               | 11                 | 0.001                | 0.011 | 0.001 | 0.000 |
| 265002057                              | Rough Terrain Forklifts      | Gasoline | 1100  | 9          | 10              | 51                 | 0.002                | 0.027 | 0.002 | 0.000 |
| 265002060                              | Rubber Tired Loaders         | Gasoline | 1100  | 11         | 15              | 54                 | 0.002                | 0.032 | 0.002 | 0.000 |
| 265002066                              | Tractors/Loaders/Backhoes    | Gasoline | 1100  | 5          | 12              | 35                 | 0.001                | 0.019 | 0.001 | 0.000 |
| 265002072                              | Skid Steer Loaders           | Gasoline | 1100  | 296        | 255             | 382                | 0.028                | 0.809 | 0.013 | 0.009 |
| 265002078                              | Dumpers/Tenders              | Gasoline | 1100  | 117        | 47              | 18                 | 0.004                | 0.052 | 0.001 | 0.001 |
| 265002081                              | Other Construction Equipment | Gasoline | 1100  | 4          | 4               | 22                 | 0.001                | 0.007 | 0.000 | 0.000 |
| 270002003                              | Pavers                       | Diesel   | 1210  | 204        | 462             | 1,646              | 0.028                | 0.117 | 0.154 | 0.010 |
| 270002009                              | Plate Compactors             | Diesel   | 1210  | 24         | 40              | 8                  | 0.000                | 0.001 | 0.001 | 0.000 |
| 270002015                              | Rollers                      | Diesel   | 1210  | 602        | 1,145           | 3,501              | 0.042                | 0.224 | 0.279 | 0.018 |
| 270002018                              | Scrapers                     | Diesel   | 1210  | 133        | 401             | 4,869              | 0.046                | 0.177 | 0.357 | 0.015 |
| 270002021                              | Paving Equipment             | Diesel   | 1210  | 42         | 95              | 300                | 0.004                | 0.020 | 0.028 | 0.002 |
| 270002024                              | Surfacing Equipment          | Diesel   | 1210  | 7          | 9               | 70                 | 0.000                | 0.002 | 0.004 | 0.000 |
| 270002027                              | Signal Boards                | Diesel   | 1210  | 244        | 478             | 364                | 0.004                | 0.022 | 0.026 | 0.001 |
| 270002030                              | Trenchers                    | Diesel   | 1210  | 586        | 1,001           | 2,701              | 0.057                | 0.221 | 0.271 | 0.021 |
| 270002033                              | Bore/Drill Rigs              | Diesel   | 1210  | 77         | 176             | 1,556              | 0.006                | 0.048 | 0.052 | 0.001 |
| 270002036                              | Excavators                   | Diesel   | 1210  | 1,330      | 5,121           | 27,857             | 0.235                | 1.327 | 1.502 | 0.074 |
| 270002039                              | Concrete/Industrial Saws     | Diesel   | 1210  | 8          | 12              | 32                 | 0.000                | 0.002 | 0.003 | 0.000 |
| 270002042                              | Cement and Mortar Mixers     | Diesel   | 1210  | 42         | 34              | 11                 | 0.000                | 0.001 | 0.001 | 0.000 |
| 270002045                              | Cranes                       | Diesel   | 1210  | 147        | 510             | 3,525              | 0.032                | 0.120 | 0.270 | 0.010 |
| 270002048                              | Graders                      | Diesel   | 1210  | 466        | 1,201           | 7,247              | 0.067                | 0.351 | 0.482 | 0.024 |
| 270002051                              | Off-Highway Trucks           | Diesel   | 1210  | 120        | 645             | 8,386              | 0.061                | 0.202 | 0.438 | 0.015 |
| 270002054                              | Crushing/Proc. Equipment     | Diesel   | 1210  | 70         | 182             | 1,112              | 0.011                | 0.058 | 0.075 | 0.004 |
| 270002057                              | Rough Terrain Forklifts      | Diesel   | 1210  | 465        | 1,430           | 4,587              | 0.050                | 0.323 | 0.332 | 0.023 |
| 270002060                              | Rubber Tired Loaders         | Diesel   | 1210  | 1,340      | 3,544           | 17,578             | 0.164                | 0.800 | 1.149 | 0.060 |
| 270002063                              | Rubber Tired Dozers          | Diesel   | 1210  | 52         | 229             | 2,558              | 0.029                | 0.110 | 0.230 | 0.009 |

| <b>2017 Sac_NAA Offroad Equipment Summary</b>         |                                   |             |               |                   |                        |                           |                             |              |             |             |
|-------------------------------------------------------|-----------------------------------|-------------|---------------|-------------------|------------------------|---------------------------|-----------------------------|--------------|-------------|-------------|
| <b>Code</b>                                           | <b>Equipment</b>                  | <b>Fuel</b> | <b>EICMAT</b> | <b>Population</b> | <b>Total Hours/Day</b> | <b>Fuel Usage Gal/Day</b> | <b>Emissions (tons/day)</b> |              |             |             |
|                                                       |                                   |             |               |                   |                        |                           | <b>ROG</b>                  | <b>CO</b>    | <b>NOX</b>  | <b>PM</b>   |
| 270002066                                             | Tractors/Loaders/Backhoes         | Diesel      | 1210          | 2,100             | 5,489                  | 17,162                    | 0.156                       | 1.013        | 1.028       | 0.062       |
| 270002069                                             | Crawler Tractors                  | Diesel      | 1210          | 1,101             | 3,114                  | 16,301                    | 0.197                       | 0.854        | 1.355       | 0.078       |
| 270002072                                             | Skid Steer Loaders                | Diesel      | 1210          | 2,146             | 4,953                  | 6,848                     | 0.068                       | 0.535        | 0.473       | 0.022       |
| 270002075                                             | Off-Highway Tractors              | Diesel      | 1210          | 196               | 593                    | 4,574                     | 0.056                       | 0.225        | 0.433       | 0.020       |
| 270002078                                             | Dumpers/Tenders                   | Diesel      | 1210          | 2                 | 3                      | 1                         | 0.000                       | 0.000        | 0.000       | 0.000       |
| 270002081                                             | Other Construction Equipment      | Diesel      | 1210          | 95                | 181                    | 1,004                     | 0.006                       | 0.032        | 0.046       | 0.002       |
| <b>Subtotal for CONSTRUCTION AND MINING EQUIPMENT</b> |                                   |             |               | <b>16873</b>      | <b>33849</b>           | <b>135813</b>             | <b>1.54</b>                 | <b>11.45</b> | <b>9.08</b> | <b>0.52</b> |
| <b>EICSOUN = 894 ENTERTAINMENT</b>                    |                                   |             |               |                   |                        |                           |                             |              |             |             |
| 270014005                                             | Generator (Entertainment)         | Diesel      | 1210          | 27                | 25                     | 254                       | 0.001                       | 0.007        | 0.015       | 0.001       |
| 270014010                                             | Compressor (Entertainment)        | Diesel      | 1210          | 0                 | 0                      | 0                         | 0.000                       | 0.000        | 0.000       | 0.000       |
| <b>Subtotal for ENTERTAINMENT</b>                     |                                   |             |               | <b>27</b>         | <b>25</b>              | <b>254</b>                | <b>0.00</b>                 | <b>0.01</b>  | <b>0.01</b> | <b>0.00</b> |
| <b>EICSOUN = 886 INDUSTRIAL EQUIPMENT</b>             |                                   |             |               |                   |                        |                           |                             |              |             |             |
| 260003040                                             | Other General Industrial Equipmen | Gasoline    | 1100          | 2                 | 2                      | 1                         | 0.000                       | 0.002        | 0.000       | 0.000       |
| 265003010                                             | Aerial Lifts                      | Gasoline    | 1100          | 56                | 55                     | 102                       | 0.007                       | 0.095        | 0.002       | 0.001       |
| 265003020                                             | Forklifts                         | Gasoline    | 1100          | 304               | 1,486                  | 3,098                     | 0.082                       | 3.017        | 0.109       | 0.002       |
| 265003030                                             | Sweepers/Scrubbers                | Gasoline    | 1100          | 55                | 63                     | 181                       | 0.006                       | 0.147        | 0.005       | 0.000       |
| 265003040                                             | Other General Industrial Equipmen | Gasoline    | 1100          | 37                | 47                     | 60                        | 0.003                       | 0.092        | 0.002       | 0.000       |
| 265003050                                             | Other Material Handling Equipment | Gasoline    | 1100          | 4                 | 4                      | 12                        | 0.001                       | 0.006        | 0.001       | 0.000       |
| 266003010                                             | Aerial Lifts                      | NG          | 110           | 18                | 19                     | 22                        | 0.000                       | 0.021        | 0.001       | 0.000       |
| 266003020                                             | Forklifts                         | NG          | 110           | 557               | 2,724                  | 6,072                     | 0.004                       | 1.676        | 0.187       | 0.004       |
| 270003010                                             | Aerial Lifts                      | Diesel      | 1210          | 135               | 142                    | 224                       | 0.003                       | 0.013        | 0.017       | 0.001       |
| 270003020                                             | Forklifts                         | Diesel      | 1210          | 107               | 521                    | 1,288                     | 0.011                       | 0.058        | 0.070       | 0.003       |
| 270003030                                             | Sweepers/Scrubbers                | Diesel      | 1210          | 87                | 284                    | 1,019                     | 0.011                       | 0.072        | 0.072       | 0.004       |

| <b>2017 Sac_NAA Offroad Equipment Summary</b>                          |                                   |             |              |                   |                        |                           |                             |             |             |             |
|------------------------------------------------------------------------|-----------------------------------|-------------|--------------|-------------------|------------------------|---------------------------|-----------------------------|-------------|-------------|-------------|
| <b>Code</b>                                                            | <b>Equipment</b>                  | <b>Fuel</b> | <b>ECMAT</b> | <b>Population</b> | <b>Total Hours/Day</b> | <b>Fuel Usage Gal/Day</b> | <b>Emissions (tons/day)</b> |             |             |             |
|                                                                        |                                   |             |              |                   |                        |                           | <b>ROG</b>                  | <b>CO</b>   | <b>NOX</b>  | <b>PM</b>   |
| 270003040                                                              | Other General Industrial Equipmen | Diesel      | 1210         | 107               | 414                    | 2,857                     | 0.026                       | 0.097       | 0.202       | 0.008       |
| 270003050                                                              | Other Material Handling Equipment | Diesel      | 1210         | 5                 | 18                     | 114                       | 0.001                       | 0.004       | 0.009       | 0.000       |
| <b>Subtotal for INDUSTRIAL EQUIPMENT</b>                               |                                   |             |              | <b>1473</b>       | <b>5779</b>            | <b>15051</b>              | <b>0.16</b>                 | <b>5.30</b> | <b>0.68</b> | <b>0.02</b> |
| <b>EICSOUN = 901                      LAWN AND GARDEN (COMMERCIAL)</b> |                                   |             |              |                   |                        |                           |                             |             |             |             |
| 260004010                                                              | Lawn Mowers                       | Gasoline    | 1100         | 2,756             | 1,922                  | 217                       | 0.036                       | 0.442       | 0.007       | 0.004       |
| 260004020                                                              | Chainsaws                         | Gasoline    | 1100         | 8,413             | 7,424                  | 702                       | 0.604                       | 1.062       | 0.009       | 0.002       |
| 260004021                                                              | Chainsaws Preempt                 | Gasoline    | 1100         | 4,328             | 3,819                  | 551                       | 0.468                       | 0.833       | 0.007       | 0.001       |
| 260004025                                                              | Trimmers/Edgers/Brush Cutters     | Gasoline    | 1100         | 16,094            | 5,959                  | 264                       | 0.184                       | 0.470       | 0.004       | 0.001       |
| 260004030                                                              | Leaf Blowers/Vacuums              | Gasoline    | 1100         | 24,034            | 14,398                 | 768                       | 0.619                       | 1.261       | 0.011       | 0.002       |
| 260004035                                                              | Snowblowers                       | Gasoline    | 1100         | 54                | 0                      | 0                         | 0.000                       | 0.000       | 0.000       | 0.000       |
| 260004050                                                              | Shredders                         | Gasoline    | 1100         | 121               | 50                     | 22                        | 0.002                       | 0.060       | 0.001       | 0.001       |
| 260004070                                                              | Commercial Turf Equipment         | Gasoline    | 1100         | 96                | 235                    | 133                       | 0.007                       | 0.369       | 0.004       | 0.000       |
| 260004075                                                              | Other Lawn & Garden Equipment     | Gasoline    | 1100         | 39                | 8                      | 1                         | 0.012                       | 0.002       | 0.000       | 0.000       |
| 265004010                                                              | Lawn Mowers                       | Gasoline    | 1100         | 16,319            | 11,379                 | 1,388                     | 0.226                       | 3.209       | 0.039       | 0.024       |
| 265004015                                                              | Tillers                           | Gasoline    | 1100         | 1,694             | 289                    | 42                        | 0.010                       | 0.113       | 0.001       | 0.001       |
| 265004025                                                              | Trimmers/Edgers/Brush Cutters     | Gasoline    | 1100         | 2,979             | 1,233                  | 39                        | 0.013                       | 0.095       | 0.002       | 0.000       |
| 265004030                                                              | Leaf Blowers/Vacuums              | Gasoline    | 1100         | 759               | 144                    | 10                        | 0.003                       | 0.028       | 0.000       | 0.000       |
| 265004035                                                              | Snowblowers                       | Gasoline    | 1100         | 1,025             | 5                      | 1                         | 0.019                       | 0.003       | 0.000       | 0.000       |
| 265004040                                                              | Rear Engine Riding Mowers         | Gasoline    | 1100         | 8,976             | 7,431                  | 2,580                     | 0.227                       | 7.887       | 0.078       | 0.006       |
| 265004045                                                              | Front Mowers                      | Gasoline    | 1100         | 730               | 605                    | 385                       | 0.128                       | 1.194       | 0.012       | 0.001       |
| 265004050                                                              | Shredders                         | Gasoline    | 1100         | 322               | 133                    | 38                        | 0.005                       | 0.091       | 0.002       | 0.000       |
| 265004055                                                              | Lawn & Garden Tractors            | Gasoline    | 1100         | 12,280            | 1,117                  | 743                       | 0.110                       | 2.279       | 0.019       | 0.001       |
| 265004060                                                              | Wood Splitters                    | Gasoline    | 1100         | 550               | 216                    | 66                        | 0.009                       | 0.163       | 0.002       | 0.001       |
| 265004065                                                              | Chippers/Stump Grinders           | Gasoline    | 1100         | 52                | 199                    | 275                       | 0.021                       | 0.843       | 0.013       | 0.010       |

| <b>2017 Sac_NAA Offroad Equipment Summary</b>      |                               |             |               |                   |                        |                           |                             |              |             |             |
|----------------------------------------------------|-------------------------------|-------------|---------------|-------------------|------------------------|---------------------------|-----------------------------|--------------|-------------|-------------|
| <b>Code</b>                                        | <b>Equipment</b>              | <b>Fuel</b> | <b>EICMAT</b> | <b>Population</b> | <b>Total Hours/Day</b> | <b>Fuel Usage Gal/Day</b> | <b>Emissions (tons/day)</b> |              |             |             |
|                                                    |                               |             |               |                   |                        |                           | <b>ROG</b>                  | <b>CO</b>    | <b>NOX</b>  | <b>PM</b>   |
| 265004070                                          | Commercial Turf Equipment     | Gasoline    | 1100          | 866               | 2,112                  | 1,476                     | 0.088                       | 4.540        | 0.055       | 0.004       |
| 265004075                                          | Other Lawn & Garden Equipment | Gasoline    | 1100          | 740               | 155                    | 46                        | 0.154                       | 0.132        | 0.001       | 0.000       |
| <b>Subtotal for LAWN AND GARDEN (COMMERCIAL)</b>   |                               |             |               | <b>103228</b>     | <b>58833</b>           | <b>9746</b>               | <b>2.95</b>                 | <b>25.07</b> | <b>0.27</b> | <b>0.06</b> |
| <b>EICSOUN = 903 LAWN AND GARDEN (OTHER)</b>       |                               |             |               |                   |                        |                           |                             |              |             |             |
| 265004055                                          | Lawn & Garden Tractors        | Gasoline    | 1100          | 9                 | 3                      | 5                         | 0.001                       | 0.004        | 0.000       | 0.000       |
| 265004070                                          | Commercial Turf Equipment     | Gasoline    | 1100          | 116               | 259                    | 444                       | 0.027                       | 0.699        | 0.015       | 0.000       |
| 265004075                                          | Other Lawn & Garden Equipment | Gasoline    | 1100          | 1                 | 0                      | 1                         | 0.000                       | 0.000        | 0.000       | 0.000       |
| 270004030                                          | Leaf Blowers/Vacuums          | Diesel      | 1210          | 1                 | 0                      | 1                         | 0.000                       | 0.000        | 0.000       | 0.000       |
| 270004035                                          | Snowblowers                   | Diesel      | 1210          | 10                | 0                      | 5                         | 0.000                       | 0.000        | 0.000       | 0.000       |
| 270004055                                          | Lawn & Garden Tractors        | Diesel      | 1210          | 2,383             | 3,955                  | 2,069                     | 0.026                       | 0.114        | 0.170       | 0.007       |
| 270004065                                          | Chippers/Stump Grinders       | Diesel      | 1210          | 30                | 43                     | 551                       | 0.003                       | 0.016        | 0.040       | 0.001       |
| 270004070                                          | Commercial Turf Equipment     | Diesel      | 1210          | 666               | 2,171                  | 1,407                     | 0.019                       | 0.065        | 0.118       | 0.004       |
| 270004075                                          | Other Lawn & Garden Equipment | Diesel      | 1210          | 1                 | 1                      | 0                         | 0.000                       | 0.000        | 0.000       | 0.000       |
| <b>Subtotal for LAWN AND GARDEN (OTHER)</b>        |                               |             |               | <b>3218</b>       | <b>6432</b>            | <b>4483</b>               | <b>0.07</b>                 | <b>0.90</b>  | <b>0.34</b> | <b>0.01</b> |
| <b>EICSOUN = 902 LAWN AND GARDEN (RESIDENTIAL)</b> |                               |             |               |                   |                        |                           |                             |              |             |             |
| 260004010                                          | Lawn Mowers                   | Gasoline    | 1100          | 20,698            | 979                    | 127                       | 0.234                       | 0.309        | 0.003       | 0.002       |
| 260004020                                          | Chainsaws                     | Gasoline    | 1100          | 94,640            | 1,415                  | 110                       | 0.407                       | 0.220        | 0.002       | 0.001       |
| 260004021                                          | Chainsaws Preempt             | Gasoline    | 1100          | 48,684            | 728                    | 92                        | 0.228                       | 0.195        | 0.001       | 0.000       |
| 260004025                                          | Trimmers/Edgers/Brush Cutters | Gasoline    | 1100          | 179,391           | 11,765                 | 499                       | 0.601                       | 0.927        | 0.008       | 0.001       |
| 260004030                                          | Leaf Blowers/Vacuums          | Gasoline    | 1100          | 61,962            | 907                    | 44                        | 0.243                       | 0.088        | 0.001       | 0.000       |
| 260004035                                          | Snowblowers                   | Gasoline    | 1100          | 486               | 0                      | 0                         | 0.002                       | 0.000        | 0.000       | 0.000       |
| 260004050                                          | Shredders                     | Gasoline    | 1100          | 4,326             | 12                     | 6                         | 0.022                       | 0.015        | 0.000       | 0.000       |
| 260004075                                          | Other Lawn & Garden Equipment | Gasoline    | 1100          | 1,197             | 16                     | 2                         | 0.006                       | 0.004        | 0.000       | 0.000       |

| <b>2017 Sac_NAA Offroad Equipment Summary</b>            |                               |             |               |                   |                        |                           |                             |              |             |             |
|----------------------------------------------------------|-------------------------------|-------------|---------------|-------------------|------------------------|---------------------------|-----------------------------|--------------|-------------|-------------|
| <b>Code</b>                                              | <b>Equipment</b>              | <b>Fuel</b> | <b>EICMAT</b> | <b>Population</b> | <b>Total Hours/Day</b> | <b>Fuel Usage Gal/Day</b> | <b>Emissions (tons/day)</b> |              |             |             |
|                                                          |                               |             |               |                   |                        |                           | <b>ROG</b>                  | <b>CO</b>    | <b>NOX</b>  | <b>PM</b>   |
| 265004010                                                | Lawn Mowers                   | Gasoline    | 1100          | 258,712           | 12,232                 | 1,685                     | 1.889                       | 4.720        | 0.036       | 0.020       |
| 265004015                                                | Tillers                       | Gasoline    | 1100          | 6,578             | 361                    | 55                        | 0.041                       | 0.154        | 0.001       | 0.001       |
| 265004025                                                | Trimmers/Edgers/Brush Cutters | Gasoline    | 1100          | 13,880            | 910                    | 31                        | 0.047                       | 0.085        | 0.001       | 0.000       |
| 265004030                                                | Leaf Blowers/Vacuums          | Gasoline    | 1100          | 652               | 10                     | 1                         | 0.002                       | 0.002        | 0.000       | 0.000       |
| 265004035                                                | Snowblowers                   | Gasoline    | 1100          | 9,228             | 2                      | 0                         | 0.014                       | 0.001        | 0.000       | 0.000       |
| 265004040                                                | Rear Engine Riding Mowers     | Gasoline    | 1100          | 7,872             | 677                    | 235                       | 0.010                       | 0.720        | 0.006       | 0.000       |
| 265004045                                                | Front Mowers                  | Gasoline    | 1100          | 23,616            | 2,031                  | 1,292                     | 0.143                       | 4.018        | 0.034       | 0.002       |
| 265004050                                                | Shredders                     | Gasoline    | 1100          | 11,961            | 33                     | 11                        | 0.058                       | 0.036        | 0.000       | 0.000       |
| 265004055                                                | Lawn & Garden Tractors        | Gasoline    | 1100          | 4,843             | 440                    | 467                       | 0.055                       | 1.474        | 0.011       | 0.001       |
| 265004060                                                | Wood Splitters                | Gasoline    | 1100          | 13,753            | 46                     | 17                        | 0.128                       | 0.053        | 0.000       | 0.000       |
| 265004065                                                | Chippers/Stump Grinders       | Gasoline    | 1100          | 92                | 5                      | 7                         | 0.002                       | 0.021        | 0.000       | 0.000       |
| 265004075                                                | Other Lawn & Garden Equipment | Gasoline    | 1100          | 22,690            | 298                    | 95                        | 0.085                       | 0.295        | 0.002       | 0.001       |
| <b>Subtotal for LAWN AND GARDEN (RESIDENTIAL)</b>        |                               |             |               | <b>785263</b>     | <b>32865</b>           | <b>4775</b>               | <b>4.22</b>                 | <b>13.34</b> | <b>0.11</b> | <b>0.03</b> |
| <b>EICSOUN = 885 LIGHT COMMERCIAL EQUIPMENT</b>          |                               |             |               |                   |                        |                           |                             |              |             |             |
| 270008115                                                | Compressor (GSE)              | Diesel      | 1210          | 1                 | 3                      | 32                        | 0.000                       | 0.001        | 0.002       | 0.000       |
| <b>Subtotal for LIGHT COMMERCIAL EQUIPMENT</b>           |                               |             |               | <b>1</b>          | <b>3</b>               | <b>32</b>                 | <b>0.00</b>                 | <b>0.00</b>  | <b>0.00</b> | <b>0.00</b> |
| <b>EICSOUN = 888 LOGGING EQUIPMENT</b>                   |                               |             |               |                   |                        |                           |                             |              |             |             |
| 260007005                                                | Chainsaws                     | Gasoline    | 1100          | 100               | 56                     | 46                        | 0.036                       | 0.072        | 0.001       | 0.000       |
| 265007010                                                | Shredders                     | Gasoline    | 1100          | 157               | 103                    | 67                        | 0.005                       | 0.202        | 0.003       | 0.003       |
| 270007010                                                | Shredders                     | Diesel      | 1210          | 0                 | 0                      | 0                         | 0.000                       | 0.000        | 0.000       | 0.000       |
| 270007015                                                | Skidders                      | Diesel      | 1210          | 19                | 74                     | 468                       | 0.003                       | 0.025        | 0.020       | 0.001       |
| 270007020                                                | Fellers/Bunchers              | Diesel      | 1210          | 41                | 142                    | 959                       | 0.006                       | 0.043        | 0.038       | 0.002       |
| <b>Subtotal for LOGGING EQUIPMENT</b>                    |                               |             |               | <b>316</b>        | <b>374</b>             | <b>1540</b>               | <b>0.05</b>                 | <b>0.34</b>  | <b>0.06</b> | <b>0.01</b> |
| <b>EICSOUN = 892 MILITARY TACTICAL SUPPORT EQUIPMENT</b> |                               |             |               |                   |                        |                           |                             |              |             |             |
| 270011005                                                | A/C unit                      | Diesel      | 1210          | 16                | 13                     | 68                        | 0.000                       | 0.003        | 0.004       | 0.000       |
| 270011010                                                | Aircraft Support              | Diesel      | 1210          | 7                 | 5                      | 21                        | 0.000                       | 0.001        | 0.001       | 0.000       |

| <b>2017 Sac_NAA Offroad Equipment Summary</b>         |                                     |             |               |                   |                            |                                   |                             |             |             |             |
|-------------------------------------------------------|-------------------------------------|-------------|---------------|-------------------|----------------------------|-----------------------------------|-----------------------------|-------------|-------------|-------------|
| <b>Code</b>                                           | <b>Equipment</b>                    | <b>Fuel</b> | <b>EICMAT</b> | <b>Population</b> | <b>Total<br/>Hours/Day</b> | <b>Fuel<br/>Usage<br/>Gal/Day</b> | <b>Emissions (tons/day)</b> |             |             |             |
|                                                       |                                     |             |               |                   |                            |                                   | <b>ROG</b>                  | <b>CO</b>   | <b>NOX</b>  | <b>PM</b>   |
| 270011015                                             | Cart                                | Diesel      | 1210          | 2                 | 2                          | 9                                 | 0.000                       | 0.000       | 0.001       | 0.000       |
| 270011020                                             | Communications                      | Diesel      | 1210          | 1                 | 1                          | 2                                 | 0.000                       | 0.000       | 0.000       | 0.000       |
| 270011025                                             | Compressor (Military)               | Diesel      | 1210          | 19                | 16                         | 65                                | 0.000                       | 0.003       | 0.004       | 0.000       |
| 270011030                                             | Crane                               | Diesel      | 1210          | 2                 | 2                          | 7                                 | 0.000                       | 0.000       | 0.000       | 0.000       |
| 270011040                                             | Deicer                              | Diesel      | 1210          | 0                 | 0                          | 1                                 | 0.000                       | 0.000       | 0.000       | 0.000       |
| 270011050                                             | Generator (Military)                | Diesel      | 1210          | 142               | 116                        | 519                               | 0.004                       | 0.026       | 0.034       | 0.002       |
| 270011060                                             | Hydraulic unit                      | Diesel      | 1210          | 7                 | 5                          | 17                                | 0.000                       | 0.001       | 0.001       | 0.000       |
| 270011065                                             | Lift (Military)                     | Diesel      | 1210          | 0                 | 0                          | 1                                 | 0.000                       | 0.000       | 0.000       | 0.000       |
| 270011070                                             | Light                               | Diesel      | 1210          | 0                 | 0                          | 1                                 | 0.000                       | 0.000       | 0.000       | 0.000       |
| 270011075                                             | Pressure Washers                    | Diesel      | 1210          | 0                 | 0                          | 1                                 | 0.000                       | 0.000       | 0.000       | 0.000       |
| 270011080                                             | Pump (Military)                     | Diesel      | 1210          | 10                | 8                          | 19                                | 0.000                       | 0.001       | 0.002       | 0.000       |
| 270011085                                             | Start Cart                          | Diesel      | 1210          | 0                 | 0                          | 1                                 | 0.000                       | 0.000       | 0.000       | 0.000       |
| 270011090                                             | Test Stand                          | Diesel      | 1210          | 8                 | 6                          | 37                                | 0.000                       | 0.001       | 0.002       | 0.000       |
| 270011100                                             | Welder                              | Diesel      | 1210          | 8                 | 6                          | 12                                | 0.000                       | 0.001       | 0.001       | 0.000       |
| 270011105                                             | Other tactical support<br>equipment | Diesel      | 1210          | 4                 | 3                          | 17                                | 0.000                       | 0.001       | 0.001       | 0.000       |
| <b>Subtotal for MILITARY TACTICAL SUPPORT EQUIPME</b> |                                     |             |               | <b>227</b>        | <b>185</b>                 | <b>797</b>                        | <b>0.01</b>                 | <b>0.04</b> | <b>0.05</b> | <b>0.00</b> |
| <b>EICSOUN = 891 OIL DRILLING AND WORKOVER</b>        |                                     |             |               |                   |                            |                                   |                             |             |             |             |
| 270010005                                             | Compressors (Workover)              | Diesel      | 1210          | 7                 | 22                         | 222                               | 0.002                       | 0.006       | 0.013       | 0.001       |
| 270010010                                             | Pump (Workover)                     | Diesel      | 1210          | 31                | 103                        | 1,602                             | 0.013                       | 0.042       | 0.120       | 0.004       |
| 270010015                                             | Generator (Workover)                | Diesel      | 1210          | 9                 | 30                         | 195                               | 0.002                       | 0.008       | 0.014       | 0.001       |
| 270010020                                             | Swivel                              | Diesel      | 1210          | 6                 | 18                         | 86                                | 0.001                       | 0.005       | 0.006       | 0.000       |
| 270010025                                             | Snubbing                            | Diesel      | 1210          | 0                 | 1                          | 2                                 | 0.000                       | 0.000       | 0.000       | 0.000       |
| 270010030                                             | Other Workover<br>Equipment         | Diesel      | 1210          | 18                | 61                         | 558                               | 0.005                       | 0.019       | 0.040       | 0.002       |
| 270010035                                             | Lift (Drilling)                     | Diesel      | 1210          | 6                 | 19                         | 230                               | 0.002                       | 0.006       | 0.013       | 0.000       |
| 270010040                                             | Pump (Drilling)                     | Diesel      | 1210          | 29                | 98                         | 1,338                             | 0.010                       | 0.034       | 0.082       | 0.003       |
| 270010045                                             | Generator (Drilling)                | Diesel      | 1210          | 6                 | 21                         | 162                               | 0.001                       | 0.006       | 0.010       | 0.000       |
| 270010055                                             | Drill Rig                           | Diesel      | 1210          | 88                | 173                        | 4,700                             | 0.008                       | 0.097       | 0.154       | 0.002       |

| <b>2017 Sac_NAA Offroad Equipment Summary</b>      |                               |             |               |                   |                        |                           |                             |             |             |             |
|----------------------------------------------------|-------------------------------|-------------|---------------|-------------------|------------------------|---------------------------|-----------------------------|-------------|-------------|-------------|
| <b>Code</b>                                        | <b>Equipment</b>              | <b>Fuel</b> | <b>EICMAT</b> | <b>Population</b> | <b>Total Hours/Day</b> | <b>Fuel Usage Gal/Day</b> | <b>Emissions (tons/day)</b> |             |             |             |
|                                                    |                               |             |               |                   |                        |                           | <b>ROG</b>                  | <b>CO</b>   | <b>NOX</b>  | <b>PM</b>   |
| 270010057                                          | Drill Rig (Mobile)            | Diesel      | 1210          | 1                 | 10                     | 142                       | 0.002                       | 0.008       | 0.016       | 0.001       |
| 270010058                                          | Workover Rig (Mobile)         | Diesel      | 1210          | 67                | 518                    | 6,684                     | 0.095                       | 0.400       | 0.754       | 0.033       |
| 270010060                                          | Pressure Washers              | Diesel      | 1210          | 0                 | 0                      | 1                         | 0.000                       | 0.000       | 0.000       | 0.000       |
| <b>Subtotal for OIL DRILLING AND WORKOVER</b>      |                               |             |               | <b>268</b>        | <b>1075</b>            | <b>15922</b>              | <b>0.14</b>                 | <b>0.63</b> | <b>1.22</b> | <b>0.05</b> |
| <b>EICSOUN = 995 OTHER</b>                         |                               |             |               |                   |                        |                           |                             |             |             |             |
| 270013010                                          | Misc Portable Equipment       | Diesel      | 1210          | 42                | 62                     | 375                       | 0.003                       | 0.015       | 0.025       | 0.001       |
| <b>Subtotal for OTHER</b>                          |                               |             |               | <b>42</b>         | <b>62</b>              | <b>375</b>                | <b>0.00</b>                 | <b>0.02</b> | <b>0.03</b> | <b>0.00</b> |
| <b>EICSOUN = 897 RAIL OPERATIONS</b>               |                               |             |               |                   |                        |                           |                             |             |             |             |
| 270015005                                          | Compressor (Railyard)         | Diesel      | 1210          | 0                 | 0                      | 0                         | 0.000                       | 0.000       | 0.000       | 0.000       |
| 270015010                                          | Crane (Rail-CHE)              | Diesel      | 1210          | 0                 | 0                      | 1                         | 0.000                       | 0.000       | 0.000       | 0.000       |
| 270015015                                          | Materials Handling (Rail-CHE) | Diesel      | 1210          | 0                 | 0                      | 0                         | 0.000                       | 0.000       | 0.000       | 0.000       |
| 270015020                                          | Generator (Railyard)          | Diesel      | 1210          | 0                 | 0                      | 2                         | 0.000                       | 0.000       | 0.000       | 0.000       |
| <b>Subtotal for RAIL OPERATIONS</b>                |                               |             |               | <b>0</b>          | <b>1</b>               | <b>3</b>                  | <b>0.00</b>                 | <b>0.00</b> | <b>0.00</b> | <b>0.00</b> |
| <b>EICSOUN = 884 TRANSPORT REFRIGERATION UNITS</b> |                               |             |               |                   |                        |                           |                             |             |             |             |
| 265009005                                          | Transport Refrigeration Units | Diesel      | 1210          | 403               | 823                    | 500                       | 0.026                       | 1.520       | 0.018       | 0.001       |
| 265009005                                          | Transport Refrigeration Units | Gasoline    | 1100          |                   |                        |                           | 0.004                       |             |             |             |
| 270009005                                          | Transport Refrigeration Units | Diesel      | 1210          | 5,518             | 21,996                 | 26,050                    | 0.224                       | 2.251       | 1.936       | 0.051       |
| 270009005                                          | Transport Refrigeration Units | Gasoline    | 1100          | 958               | 2,706                  | 1,160                     | 0.014                       | 0.069       | 0.094       | 0.004       |
| <b>Subtotal for TRANSPORT REFRIGERATION UNITS</b>  |                               |             |               | <b>6880</b>       | <b>25525</b>           | <b>27711</b>              | <b>0.27</b>                 | <b>3.84</b> | <b>2.05</b> | <b>0.06</b> |
| <b>EICSUM = 870 FARM EQUIPMENT</b>                 |                               |             |               |                   |                        |                           |                             |             |             |             |
| <b>EICSOUN = 893 AGRICULTURAL EQUIPMENT</b>        |                               |             |               |                   |                        |                           |                             |             |             |             |
| 265005010                                          | 2-Wheel Tractors              | Gasoline    | 1100          | 213               | 181                    | 78                        | 0.009                       | 0.230       | 0.004       | 0.003       |
| 265005015                                          | Agricultural Tractors         | Gasoline    | 1100          | 42                | 77                     | 405                       | 0.013                       | 0.218       | 0.021       | 0.000       |
| 265005020                                          | Combines                      | Gasoline    | 1100          | 15                | 6                      | 56                        | 0.002                       | 0.015       | 0.001       | 0.000       |

| 2017 Sac_NAA Offroad Equipment Summary     |                              |          |       |              |                 |                    | Emissions (tons/day) |              |             |             |
|--------------------------------------------|------------------------------|----------|-------|--------------|-----------------|--------------------|----------------------|--------------|-------------|-------------|
| Code                                       | Equipment                    | Fuel     | ECMAT | Population   | Total Hours/Day | Fuel Usage Gal/Day | ROG                  | CO           | NOX         | PM          |
| 265005025                                  | Balers                       | Gasoline | 1100  | 203          | 46              | 112                | 0.025                | 0.063        | 0.004       | 0.000       |
| 265005030                                  | Agricultural Mowers          | Gasoline | 1100  | 184          | 111             | 69                 | 0.007                | 0.214        | 0.003       | 0.003       |
| 265005035                                  | Sprayers                     | Gasoline | 1100  | 889          | 287             | 193                | 0.031                | 0.414        | 0.009       | 0.004       |
| 265005040                                  | Tillers                      | Gasoline | 1100  | 13,041       | 3,097           | 1,593              | 0.350                | 4.913        | 0.057       | 0.004       |
| 265005045                                  | Swathers                     | Gasoline | 1100  | 244          | 77              | 393                | 0.032                | 0.125        | 0.019       | 0.000       |
| 265005050                                  | Hydro Power Units            | Gasoline | 1100  | 88           | 114             | 68                 | 0.006                | 0.196        | 0.003       | 0.002       |
| 265005055                                  | Other Agricultural Equipment | Gasoline | 1100  | 66           | 30              | 58                 | 0.003                | 0.039        | 0.002       | 0.000       |
| 270005015                                  | Agricultural Tractors        | Diesel   | 1210  | 13,969       | 22,702          | 77,249             | 0.759                | 4.088        | 5.510       | 0.292       |
| 270005020                                  | Combines                     | Diesel   | 1210  | 345          | 173             | 1,088              | 0.006                | 0.042        | 0.066       | 0.002       |
| 270005025                                  | Balers                       | Diesel   | 1210  | 111          | 35              | 88                 | 0.001                | 0.005        | 0.007       | 0.000       |
| 270005030                                  | Agricultural Mowers          | Diesel   | 1210  | 5            | 6               | 10                 | 0.000                | 0.001        | 0.001       | 0.000       |
| 270005035                                  | Sprayers                     | Diesel   | 1210  | 121          | 38              | 112                | 0.001                | 0.005        | 0.007       | 0.000       |
| 270005040                                  | Tillers                      | Diesel   | 1210  | 1            | 1               | 3                  | 0.000                | 0.000        | 0.000       | 0.000       |
| 270005045                                  | Swathers                     | Diesel   | 1210  | 606          | 223             | 551                | 0.005                | 0.035        | 0.041       | 0.002       |
| 270005050                                  | Hydro Power Units            | Diesel   | 1210  | 35           | 95              | 70                 | 0.002                | 0.006        | 0.006       | 0.000       |
| 270005055                                  | Other Agricultural Equipment | Diesel   | 1210  | 267          | 354             | 704                | 0.007                | 0.041        | 0.053       | 0.003       |
| <b>Subtotal for AGRICULTURAL EQUIPMENT</b> |                              |          |       | <b>30446</b> | <b>27654</b>    | <b>82901</b>       | <b>1.26</b>          | <b>10.65</b> | <b>5.82</b> | <b>0.32</b> |