
All values converted from nominal tons to CO2-e tons

### Key:
- **Economic Sectors**
- **Activity: Energy**
- **Activity: Agriculture**
- **Activity: Other**
- **Activity: Waste**

Gases divided within each economic sector

### Agriculture

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All values converted from nominal tons to CO2-e tons

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All values converted from nominal tons to CO2-e tons

**Key:**

**Economic Sectors**
- Activity: Energy
- Activity: Agriculture
- Activity: Other
- Activity: Waste

Gases divided within each economic sector

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### Data Summary for Greenhouse Gas Emissions in Minnesota   •  p-gen4-06  •  September 2009 Page 3

All values converted from nominal tons to CO2-e tons

**Key:**
- **Economic Sectors**
- **Activity: Energy**
- **Activity: Agriculture**
- **Activity: Other**
- **Activity: Waste**

Gases divided within each economic sector

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All values converted from nominal tons to CO2-e tons

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Gases divided within each economic sector

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Data Summary for Greenhouse Gas Emissions in Minnesota  •  p-gen4-06  •  September 2009  •  Page 5

All values converted from nominal tons to CO2-e tons

Key:
- Economic Sectors
  - Activity: Energy
  - Activity: Agriculture
  - Activity: Other
  - Activity: Waste
- Gases divided within each economic sector

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Data Summary for Greenhouse Gas Emissions in Minnesota  •  p-gen4-06  •  September 2009  Page 6

All values converted from nominal tons to CO₂-e tons

### Key:
- Economic Sectors
- Activity: Energy
- Activity: Agriculture
- Activity: Other
- Activity: Waste

Gases divided within each economic sector

### Economic Sectors

#### Activity: Energy

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All values converted from nominal tons to CO2-e tons

#### Key:

- **Economic Sectors**
  - Activity: Energy
  - Activity: Agriculture
  - Activity: Other
  - Activity: Waste

Gases divided within each economic sector

#### Distillate fuel oil-steam
- 1970: -
- 1971: -
- 1972: -
- 1973: -
- 1974: -
- 1975: -
- 1976: -
- 1977: -
- 1978: -
- 1979: -
- 1980: -
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#### Natural gas-internal combustion engine
- 1970: -
- 1971: -
- 1972: -
- 1973: -
- 1974: -
- 1975: -
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#### Distillate fuel oil-internal combustion engine
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- 1971: -
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- 1971: -
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#### Incinerated Waste

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Municipal Wastewater

- 1970: 344,078
- 1971: 347,226
- 1972: 347,551
- 1973: 348,164
- 1974: 348,320
- 1975: 349,712
- 1976: 351,404
- 1977: 352,417
- 1978: 353,528
- 1979: 355,414
- 1980: 356,464
- 1981: 360,885
- 1982: 363,916

All values converted from nominal tons to CO2-e tons

#### Key:
- **Economic Sectors:**
  - Economic Sector: All values converted from nominal tons to CO2-e tons
  - Economic Sector: Gases divided within each economic sector

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#### CO2

##### Energy

- **Associated Incinerator Fuels**
  - Bituminous coal
  - Natural gas-steam
  - Residual fuel oil
  - Waste oil
  - Waste solvent
  - Propane
  - Distillate fuel oil-steam
  - Natural gas-internal combustion engine
  - Distillate fuel oil-internal combustion engine
  - subtotal

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##### Waste Processing

- **Landfill Operations (energy)**
- **Yard Waste Preprocessing (energy)**
- **MMSW Compost Preprocessing (energy)**
- **MRF (energy)**
- **RDF Processing (energy)**
- **Incinerator Ash Disposal (energy)**
- **Hazardous Waste (energy)**

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All values converted from nominal tons to CO2-e tons

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All values converted from nominal tons to CO2-e tons

### Economic Sectors

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Gases divided within each economic sector


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All values converted from nominal tons to CO2-e tons

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**Key:**

- Gases divided within each economic sector

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**CO as CO2**

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Data Summary for Greenhouse Gas Emissions in Minnesota • p-gen4-06 • September 2009 Page 12

All values converted from nominal tons to CO2-e tons

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All values converted from nominal tons to CO2-e tons

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Data Summary for Greenhouse Gas Emissions in Minnesota • p-gen4-06 • September 2009

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All values converted from nominal tons to CO2-e tons

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All values converted from nominal tons to CO2-e tons

### Economic Sectors
- **Activity: Energy**
- **Activity: Agriculture**
- **Activity: Other**
- **Activity: Waste**

Gases divided within each economic sector

#### Key:
- **Economic Sectors**
- **Activity: Energy**
- **Activity: Agriculture**
- **Activity: Other**
- **Activity: Waste**

### Boat building

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#### PFCs, HFCs, HFEs

**Solvent**

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All values converted from nominal tons to CO2-e tons

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| Gases divided within each economic sector |

#### Key:

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<td>12,891</td>
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| CH4             | 94,937 | 93,524 | 98,560 | 97,160 | 92,310 | 92,290 | 93,457 | 92,232 | 86,130 | 85,504 | 81,640 | 79,016 | -    |

| Light-Duty Trucks | 14,132 | 14,683 | 16,392 | 17,842 | 18,806 | 20,921 | 23,456 | 25,896 | 26,302 | 25,139 | 25,943 | 26,321 | 28,688 |

| Heavy-Duty Trucks | 6,492 | 7,108 | 7,782 | 8,520 | 9,329 | 10,214 | 10,592 | 11,039 | 9,822 | 8,997 | 8,162 | 7,316 | 6,471 |

| School Bus       | 771   | 860   | 1,008 | 1,016 | 1,115 | 1,183 | 1,173 | 1,208 | 1,343 | 1,458 | 1,421 | 1,285 | 1,152 |

| Transit Bus      | 198,232 | 308,7 | 358,7 | 312,7 | 360,7 | 400,7 | 352,7 | 356,7 | 369,7 | 370,7 | 370,7 | 370,7 | 370,7 |

| RV              | 33,455 | 46,743 | 73,793 | 79,793 | 131,165 | 178,173 | 176,173 | 157,176 | 158,176 | -    | -    | -    | -    |

| Other Bus        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |

| Railroad        | 1,854 | 1,512 | 1,618 | 1,934 | 1,973 | 1,912 | 1,786 | 1,355 | 1,400 | 2,065 | 1,653 | 1,408 | 1,648 |

| Vessel Bunkering/Marine | 373 | 380 | 506 | 807 | 872 | 980 | 882 | 530 | 900 | 584 | 1,305 | 968 | 686 |

| Military and Other Off-highway | 49 | 42 | 45 | 54 | 55 | 53 | 59 | 40 | 41 | 28 | 254 | 6 | 14 |

| Other            | 20    | 12    | 11    | 10    | 6    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |

| Aviation         | 2,292 | 2,360 | 2,626 | 3,001 | 2,614 | 2,688 | 2,814 | 2,814 | 2,925 | 3,159 | 2,773 | 2,670 | 2,613 |

| Natural Gas Transmission | 762,900 | 781,950 | 782,102 | 736,221 | 697,282 | 682,251 | 683,368 | 689,673 | 686,761 | 824,320 | 844,402 | 823,242 |

| subtotal         | 884,057 | 902,995 | 911,030 | 867,002 | 827,905 | 828,267 | 816,460 | 820,234 | 825,410 | 991,071 | 952,283 | 966,841 | 942,317 |

| Coal            | 20    | 12    | 11    | 10    | 6    | 2    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |

| Oil             | 121,138 | 121,033 | 128,917 | 130,771 | 127,269 | 131,003 | 134,208 | 136,865 | 135,737 | 128,310 | 124,316 | 118,055 | 114,821 |

| Natural Gas     | 762,900 | 781,950 | 782,102 | 736,221 | 700,630 | 697,282 | 682,251 | 683,368 | 689,673 | 862,761 | 824,320 | 844,402 | 823,242 |

| CO2             | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     |

| Passenger Cars  | 13,473,772 | 14,203,592 | 14,706,757 | 15,002,878 | 14,083,325 | 14,009,701 | 14,217,795 | 14,556,223 | 15,151,474 | 14,637,687 | 13,603,980 | 13,143,259 | 12,574,299 |


| School Bus       | 84,109 | 95,212 | 101,961 | 106,297 | 113,391 | 118,537 | 117,926 | 121,629 | 143,918 | 163,709 | 146,101 | 145,088 | 138,440 |

| Transit Bus      | 86,871 | 82,746 | 82,786 | 83,817 | 85,981 | 91,952 | 94,287 | 95,087 | 99,538 | 99,842 | 99,320 | 102,618 | 106,203 |

All values converted from nominal tons to CO2-e tons

### Key:

- **Economic Sectors**
- **Activity: Energy**
- **Activity: Agriculture**
- **Activity: Other**
- **Activity: Waste**

Gases divided within each economic sector

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<th>Year</th>
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<th>RV</th>
<th>Other Bus</th>
<th>Railroad</th>
<th>Vessel Bunkering/Marine</th>
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<th>Other</th>
<th>Aviation</th>
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**CO**

- **Passenger Cars**
- **Light-Duty Trucks**
- **Heavy-Duty Trucks**
- **School Bus**
- **Transit Bus**
- **Motorcycle**
- **RV**
- **Other Bus**
- **Railroad**
- **Vessel Bunkering/Marine**
- **Military and Other Off-highway**
- **Other**
- **Aviation**
- **Natural Gas Transmission**

### subtotal

- **Motorcycle**
- **RV**
- **Other Bus**
- **Railroad**
- **Vessel Bunkering/Marine**
- **Military and Other Off-highway**
- **Other**
- **Aviation**
- **Natural Gas Transmission**

### subtotal

- **Motorcycle**
- **RV**
- **Other Bus**
- **Railroad**
- **Vessel Bunkering/Marine**
- **Military and Other Off-highway**
- **Other**
- **Aviation**
- **Natural Gas Transmission**

---

Data Summary for Greenhouse Gas Emissions in Minnesota: p-gen4-06 • September 2009 Page 19

All values converted from nominal tons to CO2-e tons

**Key:**

|------------------|------------------|-----------------------|----------------|----------------|

- Gases divided within each economic sector

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All values converted from nominal tons to CO2-e tons

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### Key:
- Gases divided within each economic sector

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## Data Summary for Greenhouse Gas Emissions in Minnesota

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### Key:

#### Agriculture

1. **Activity: Energy**
2. **Activity: Agriculture**
3. **Activity: Other**
4. **Activity: Waste**

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### Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e for 1983-1995.

#### Key:
- **Economic Sectors**
- **Activity: Energy**
- **Activity: Agriculture**
- **Activity: Other**
- **Activity: Waste**

Gases divided within each economic sector.

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## Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e to 1990.

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### Key:

- **Economic Sectors**
  - Activity: Energy
  - Activity: Agriculture
  - Activity: Other
  - Activity: Waste

### CH4

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### CO2

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Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e to

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| Gases divided within each economic sector

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Electricity Generation

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Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e to 1995.

### Economic Sectors
- Activity: Energy
- Activity: Agriculture
- Activity: Other
- Activity: Waste

Gases divided within each economic sector.

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### CO Energy
- Coal
- Oil
- Natural gas
- Other

### CO Energy-Net Electricity Imports
- subtotal

### CO2
- FGD
- Energy-Net Electricity Imports
- subtotal

### CO as CO2
- Energy
- Coal
- Oil
- Natural gas
- Other

### CO2 Energy-Net Electricity Imports
- subtotal

### SF6
- Energy

---

**Data Summary for Greenhouse Gas Emissions in Minnesota**
- p-gen4-06
- September 2009
- Page 26
### Economic Sectors

- **Activity: Energy**
- **Activity: Agriculture**
- **Activity: Other**
- **Activity: Waste**

Gases divided within each economic sector

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### Energy

**N2O Energy**

**Associated Incinerator Fuels**

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**Waste Processing**

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**Landfill Operations (energy)**

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**MMSW Compost Preprocessing (energy)**

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**MRF (energy)**

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### Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

**Key:**
- Economic Sectors
- Activity: Energy
- Activity: Agriculture
- Activity: Other
- Activity: Waste

Gases divided within each economic sector

| Year | Incinerated Waste | Other | energy subtotal | Waste Sector RDF | Waste Sector Mass Burn | Sludge Incineration | subtotal | Other Sources | LFG Combustion/Flaring | Rural Open Burning | Medical Waste Incineration | Misc. Industrial/Comm Waste Incineration | Municipal Wastewater | Bio solids Land Application | MM SW Waste Composting | Yard waste composting | other subtotal | CH4
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**CH4 Energy**

- Associated Incinerator Fuels
  - Bituminous coal
  - Wood
  - Natural gas
  - Residual fuel oil
  - Waste oil
  - Waste solvent
  - Propane

- Bituminous coal
  - Wood
  - Natural gas
  - Residual fuel oil
  - Waste oil
  - Waste solvent
  - Propane

**Note:** Data Summary for Greenhouse Gas Emissions in Minnesota - p-gen4-06 - September 2009
### Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

**Key:**

- **Economic Sectors**
- **Activity: Energy**
- **Activity: Agriculture**
- **Activity: Other**
- **Activity: Waste**

Gases divided within each economic sector

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Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e to

Key:

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Gases divided within each economic sector

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CO2 Energy

Associated Incinerator Fuels

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Waste Processing

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Data Summary for Greenhouse Gas Emissions in Minnesota
All values converted from nominal tons to CO2-e to

### Key:

**Economic Sectors**
- Activity: Energy
- Activity: Agriculture
- Activity: Other
- Activity: Waste

Gases divided within each economic sector

### 1983-1995 Data Summary

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### CO

**Associated Incinerator Fuels**
- Bituminous coal

Data Summary for Greenhouse Gas Emissions in Minnesota • p-gen4-06 • September 2009 Page 31
Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e to

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Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e ton

### Economic Sectors

#### Activity: Energy

- **1983**
- **1984**
- **1985**
- **1986**
- **1987**
- **1988**
- **1989**
- **1990**
- **1991**
- **1992**
- **1993**
- **1994**
- **1995**

#### Activity: Agriculture

#### Activity: Other

#### Activity: Waste

Gases divided within each economic sector

### Other Sources

- **LFG Flaring**
- **Rural Open Burning**
- **Medical Waste Incineration**
- **Misc. Industrial/Comm Waste Incineration**
- **MMSW Landfills**
- **Soil Roasting**
- **Hazardous Waste**
- **other subtotal**
- **subtotal**

### CO as CO2

#### Fossil CO Oxidation

#### subtotal

Total

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### Residential

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Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

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<td>Gases divided within each economic sector</td>
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Data Summary for Greenhouse Gas Emissions in Minnesota • p-gen4-06 • September 2009
Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e to...

**Key:**
- Economic Sectors
- Activity: Energy
- Activity: Agriculture
- Activity: Other
- Activity: Waste

Gases divided within each economic sector

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**Industrial**

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Data Summary for Greenhouse Gas Emissions in Minnesota • p-gen4-06 • September 2009
Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e to

Key:

### Economic Sectors
- Activity: Energy
- Activity: Agriculture
- Activity: Other
- Activity: Waste

Gases divided within each economic sector

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### CH4

#### Energy

Stations: source
- Coal
- Oil
- Natural gas
- Other

#### Off-highway vehicle

- Oil
- Other

#### Post mining

- Coal storage
- Oil Refining
- Peat mining

#### Industrial wastewater treatment

- Taconite induration
- Steel production
Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

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### 1983 - 1995

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#### Energy

- **Coal**
- **Oil**
- **Natural gas**
- **Other**
- **Subtotal**

#### Other industrial process

- **Subtotal**

### CO as CO2

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#### Industrial refrigeration

- **Subtotal**

#### Food processing

- **Insulating foam manufacture**
Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

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**Key:**
- **Boat building**
- **Transportation**

**Boat building**

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**Transportation**

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### Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e to

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#### Key:
- **CH4**
- **CO2**

#### Economic Sectors
- **Passenger Cars**
- **Light-Duty Trucks**
- **Heavy-Duty Trucks**
- **Vessel Bunkering/Marine**
- **Military and Other Off-highway**
- **Aviation**

#### Activity: Energy
- **Coal**
- **Oil**
- **Natural Gas**
- **Other**

#### Activity: Agriculture
- **Passenger Cars**
- **Light-Duty Trucks**
- **Heavy-Duty Trucks**
- **Vessel Bunkering/Marine**
- **Military and Other Off-highway**
- **Aviation**

#### Activity: Other
- **Passenger Cars**
- **Light-Duty Trucks**
- **Heavy-Duty Trucks**
- **Vessel Bunkering/Marine**
- **Military and Other Off-highway**
- **Aviation**

### Natural Gas Transmission

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### Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox.

#### Key:
- Gases divided within each economic sector

#### Economic Sectors

**Activity: Energy**

**Activity: Agriculture**

**Activity: Other**

**Activity: Waste**

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Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e for.

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Gases divided within each economic sector

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**Note:** Data may not sum to zero due to rounding.
Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e to

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Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

**Key:**
- Economic Sectors
  - Activity: Energy
  - Activity: Agriculture
  - Activity: Other
  - Activity: Waste

Gases divided within each economic sector

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Data Summary for Greenhouse Gas Emissions in Minnesota • p-gen4-06 • September 2009 Page 43
Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

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### Key:
- **CO2**
  - **Energy CO**
  - **Other**
- **Subtotal**

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### Data Summary for Greenhouse Gas Emissions in Minnesota • p-gen4-06 • September 2009 Page 44
Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e to

|------------------|-----------------|-----------------------|----------------|----------------|

Gases divided within each economic sector

### Energy

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Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

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Data Summary for Greenhouse Gas Emissions in Minnesota  •  p-gen4-06  •  September 2009  Page 46
Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

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Data Summary for Greenhouse Gas Emissions in Minnesota • p-gen4-06 • September 2009
Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

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Economic Sectors

Activity: Energy

Activity: Agriculture

Activity: Other

Activity: Waste

Gases divided within each economic sector

### Energy

#### Energy-Net Electricity Imports

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#### Waste

##### N2O

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##### Waste Processing

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### Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e to.

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Gases divided within each economic sector.

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CH4

**Energy**

Associated Incinerator Fuels:

- Bituminous coal
- Wood
- Natural gas-steam
- Residual fuel oil
- Waste oil
- Waste solvent
- Propane
Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

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Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e for

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### Key:
- Gases divided within each economic sector

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### CO2

#### Energy

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### Waste Processing

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### Subtotal

| 54,334 | 42,800 | 43,467 | 36,913 | 60,997 | 55,462 | 62,217 | 54,249 | 45,532 | 52,419 |

Data Summary for Greenhouse Gas Emissions in Minnesota • p-gen4-06 • September 2009 Page 51
Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

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## Data Summary for Greenhouse Gas Emissions in Minnesota

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| Incinerated Waste | Waste Sector RDF (energy) | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| Waste Sector Mass Burn (energy) | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| Sludge Incineration (energy) | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
| subtotal | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    |
Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e for:

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Gases divided within each economic sector

### Key:
- **Other Sources**
  - LFG Flaring
  - Rural Open Burning
  - Medical Waste Incineration
  - Misc. Industrial/Comm Waste Incineration
  - MMSW Landfills
  - Soil Roasting
  - Hazardous Waste
  - Other subtotal
  - **subtotal**

### CO as CO2
- **Fossil CO Oxidation**
- **subtotal**

### Total
- **Residential**
  - **N2O**
    - Coal
    - Oil
    - Natural gas
    - Other
    - **subtotal**
    - **subtotal**
  - **CH4**
    - Energy
      - Coal

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Data Summary for Greenhouse Gas Emissions in Minnesota • p-gen4-06 • September 2009
Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

Key:

Economic Sectors
Activity: Energy
Activity: Agriculture
Activity: Other
Activity: Waste

Gases divided within each economic sector

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Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e to facilitate comparison.

**Key:**

**Economic Sectors**
- Activity: Energy
- Activity: Agriculture
- Activity: Other
- Activity: Waste

Gases divided within each economic sector

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<td>414</td>
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Data Summary for Greenhouse Gas Emissions in Minnesota • p-gen4-06 • September 2009

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Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

### Economic Sectors

#### Activity: Energy

- **Coal Storage**: 2,608 (1996-2006)
- **Natural Gas**: 9,913 (1996-2006)
- **Other**: 7,021 (1996-2006)

#### Activity: Agriculture

- **Taconite Induration**: 5,268 (1996-2006)

#### Activity: Other

- **Petrol Refining**: 28,115 (1996-2006)

#### Activity: Waste

- **Industrial wastewater treatment**: 109,913 (1996-2006)
- **Steel production**: 2,702,308 (1996-2006)

### Key:

- **Economic Sectors**
- **Activity**: Energy
- **Activity**: Agriculture
- **Activity**: Other
- **Activity**: Waste

- Gases divided within each economic sector

### 1996-2006 Data Summary

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**CH4**

#### Energy

- **Stationary source**
  - Coal: 7,021, 7,003, 5,455, 4,207, 4,116
  - Oil: 5,592
  - Natural gas: 7,021

#### Off-highway vehicle

- Oil: 9,913 (1996-2006)
- Other: 7,021 (1996-2006)

#### Industrial wastewater treatment

- Taconite Induration: 5,268 (1996-2006)
- Steel Production: 2,702,308 (1996-2006)

**CO2**

#### Energy

- Coal: 2,702,308
- Oil: 5,478,235
- Natural gas: 5,810,052
- Other: 6,976,849

#### Post mining

- Peat mining: -
- Industrial wastewater treatment: 109,913

**Steel Production**

- -
- -
- -
- -

**Taconite Induration**

- -
- -
- -
- -

**Data Source**

Data Summary for Greenhouse Gas Emissions in Minnesota • p-gen4-06 • September 2009

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### Economic Sectors
- **Activity: Energy**
- **Activity: Agriculture**
- **Activity: Other**
- **Activity: Waste**

Gases divided within each economic sector

#### Key:
- **Ammonia Manufacture**
- **Glass manufacture**
- **Peat Mining/Use**
- **Industrial solvent release**
- **Other industrial VOC and TRI releases**

#### Data Summary for Greenhouse Gas Emissions in Minnesota

**All values converted from nominal tons to CO2-e for**

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Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

**Key:**

- **Economic Sectors**
- **Activity: Energy**
- **Activity: Agriculture**
- **Activity: Other**
- **Activity: Waste**

Gases divided within each economic sector

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### Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e to

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Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e to

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Key:
- Gases divided within each economic sector
Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e.

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Data Summary for Greenhouse Gas Emissions in Minnesota

All values converted from nominal tons to CO2-e tox

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Gases divided within each economic sector