

## 2. 温室効果ガス排出量（表 3.6.1 大気への排出勘定）

URL : <http://www-gio.nies.go.jp/aboutghg/nir/nir-j.html>

（ダウンロード日：2014年2月20日）

温室効果ガス排出量

■排出量 [百万トンCO<sub>2</sub>換算]

| 温室効果ガス                   | GWP               | 京都議定書の基準年 | 1990    | 1991    | 1992    | 1993    | 1994    | 1995    | 1996    | 1997    | 1998    | 1999    | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    | 2008    | 2009    | 2010    |
|--------------------------|-------------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 二酸化炭素(CO <sub>2</sub> )  | 1                 | 1,144.1   | 1,141.1 | 1,150.1 | 1,158.5 | 1,150.9 | 1,210.7 | 1,223.7 | 1,236.6 | 1,231.5 | 1,195.9 | 1,230.8 | 1,251.5 | 1,236.3 | 1,273.4 | 1,278.5 | 1,277.9 | 1,282.1 | 1,262.9 | 1,296.2 | 1,213.8 | 1,141.5 | 1,191.1 |
| メタン(CH <sub>4</sub> )    | 21                | 33.4      | 32.1    | 31.9    | 31.6    | 31.4    | 30.7    | 29.9    | 29.1    | 28.1    | 27.3    | 26.7    | 26.1    | 25.2    | 24.3    | 23.8    | 23.4    | 23.0    | 22.7    | 22.3    | 21.8    | 21.2    | 20.7    |
| 一酸化二窒素(N <sub>2</sub> O) | 310               | 32.6      | 31.6    | 31.1    | 31.2    | 31.0    | 32.2    | 32.6    | 33.6    | 34.3    | 32.8    | 26.4    | 28.9    | 25.5    | 24.8    | 24.4    | 24.4    | 23.9    | 23.9    | 22.7    | 22.7    | 22.5    | 22.0    |
| ハイドロフルオロカーボン類(HFCs)      | HFC-134a: 1,300など | 20.2      |         |         |         |         |         | 20.3    | 19.9    | 19.9    | 19.4    | 19.9    | 18.8    | 16.2    | 13.7    | 13.8    | 10.6    | 10.5    | 11.7    | 13.3    | 15.3    | 16.6    | 18.3    |
| パーフルオロカーボン類(PFCs)        | PFC-14: 6,500など   | 14.0      |         |         |         |         |         | 14.3    | 14.8    | 16.2    | 13.4    | 10.4    | 9.6     | 8.0     | 7.4     | 7.2     | 7.5     | 7.0     | 7.3     | 6.4     | 4.6     | 3.3     | 3.4     |
| 六ふっ化硫黄(SF <sub>6</sub> ) | 23,900            | 16.9      |         |         |         |         |         | 17.0    | 17.5    | 15.0    | 13.6    | 9.3     | 7.2     | 6.0     | 5.6     | 5.3     | 5.1     | 4.8     | 4.9     | 4.4     | 3.8     | 1.9     | 1.9     |
| 計                        |                   | 1,261.3   | 1,204.8 | 1,213.0 | 1,221.4 | 1,213.2 | 1,273.6 | 1,337.7 | 1,351.6 | 1,345.0 | 1,302.4 | 1,323.5 | 1,342.1 | 1,317.1 | 1,349.2 | 1,352.9 | 1,348.8 | 1,351.4 | 1,333.5 | 1,365.2 | 1,282.0 | 1,206.8 | 1,257.4 |

※LULUCF分野の排出・吸収量は除く

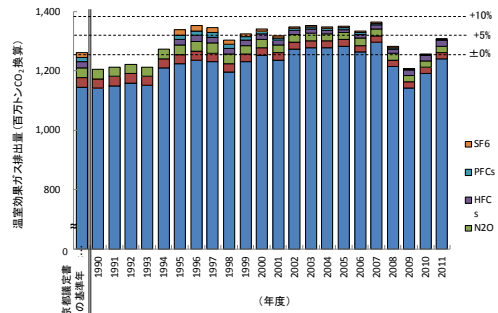
■京都議定書基準年比

| 温室効果ガス                   | GWP               | 京都議定書の基準年 | 1990  | 1991  | 1992  | 1993  | 1994  | 1995   | 1996   | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   |
|--------------------------|-------------------|-----------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 二酸化炭素(CO <sub>2</sub> )  | 1                 | 0.0%      | -0.3% | 0.5%  | 1.3%  | 0.6%  | 5.8%  | 7.0%   | 8.1%   | 7.6%   | 4.5%   | 7.6%   | 9.4%   | 8.1%   | 11.3%  | 11.7%  | 11.7%  | 12.1%  | 10.4%  | 13.3%  | 6.1%   | -0.2%  | 4.1%   |
| メタン(CH <sub>4</sub> )    | 21                | 0.0%      | -3.7% | -4.5% | -5.3% | -6.0% | -8.0% | -10.4% | -12.7% | -15.8% | -18.2% | -20.0% | -21.7% | -24.5% | -27.3% | -28.8% | -30.0% | -31.1% | -32.1% | -33.2% | -34.8% | -36.6% | -37.9% |
| 一酸化二窒素(N <sub>2</sub> O) | 310               | 0.0%      | -3.3% | -4.8% | -4.3% | -5.1% | -1.4% | 0.0%   | 3.0%   | 5.1%   | 0.5%   | -19.2% | -11.4% | -21.8% | -24.1% | -25.2% | -25.1% | -26.6% | -26.7% | -30.4% | -30.5% | -30.9% | -32.6% |
| ハイドロフルオロカーボン類(HFCs)      | HFC-134a: 1,300など | 0.0%      |       |       |       |       |       | 0.2%   | -1.5%  | -1.5%  | -3.9%  | -1.4%  | -7.0%  | -20.0% | -32.3% | -31.9% | -47.8% | -48.0% | -41.9% | -34.3% | -24.3% | -18.1% | -9.4%  |
| パーフルオロカーボン類(PFCs)        | PFC-14: 6,500など   | 0.0%      |       |       |       |       |       | 1.6%   | 5.2%   | 15.2%  | -4.6%  | -25.8% | -31.8% | -43.4% | -47.1% | -48.9% | -46.8% | -50.2% | -47.9% | -54.4% | -67.1% | -76.8% | -75.7% |
| 六ふっ化硫黄(SF <sub>6</sub> ) | 23,900            | 0.0%      |       |       |       |       |       | 0.2%   | 3.6%   | -11.4% | -19.5% | -45.0% | -57.5% | -64.8% | -67.0% | -69.0% | -71.6% | -71.0% | -74.0% | -77.6% | -89.1% | -89.0% |        |
| 計                        |                   | 0.0%      | -4.5% | -3.8% | -3.2% | -3.8% | 1.0%  | 6.1%   | 7.2%   | 6.6%   | 3.3%   | 4.9%   | 6.4%   | 4.4%   | 7.0%   | 7.3%   | 6.9%   | 7.1%   | 5.7%   | 8.2%   | 1.6%   | -4.3%  | -0.3%  |

■前年比

| 温室効果ガス                   | GWP               | 京都議定書の基準年 | 1990 | 1991  | 1992  | 1993  | 1994  | 1995  | 1996  | 1997   | 1998   | 1999   | 2000   | 2001   | 2002   | 2003  | 2004   | 2005  | 2006  | 2007   | 2008   | 2009   | 2010  |
|--------------------------|-------------------|-----------|------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-------|--------|-------|-------|--------|--------|--------|-------|
| 二酸化炭素(CO <sub>2</sub> )  | 1                 |           |      | 0.8%  | 0.7%  | -0.7% | 5.2%  | 1.1%  | 1.1%  | -0.4%  | -2.9%  | 2.9%   | 1.7%   | -1.2%  | 3.0%   | 0.4%  | -0.0%  | 0.3%  | -1.5% | 2.6%   | -6.4%  | -6.0%  | 4.3%  |
| メタン(CH <sub>4</sub> )    | 21                |           |      | -0.8% | -0.8% | -0.8% | -2.0% | -2.7% | -2.5% | -3.6%  | -2.8%  | -2.1%  | -2.2%  | -3.5%  | -3.7%  | -2.0% | -1.8%  | -1.5% | -1.5% | -1.7%  | -2.4%  | -2.6%  | -2.1% |
| 一酸化二窒素(N <sub>2</sub> O) | 310               |           |      | -1.6% | 0.5%  | -0.8% | 3.9%  | 1.5%  | 3.0%  | 2.0%   | -4.4%  | -19.6% | 9.7%   | -11.8% | -2.9%  | -1.4% | 0.1%   | -2.0% | -0.1% | -5.1%  | -0.2%  | -0.6%  | -2.4% |
| ハイドロフルオロカーボン類(HFCs)      | HFC-134a: 1,300など |           |      |       |       |       |       | -     | -1.7% | -0.0%  | -2.5%  | 2.7%   | -5.7%  | -14.0% | -15.3% | 0.5%  | -23.3% | -0.3% | 11.6% | 13.1%  | 15.2%  | 8.2%   | 10.6% |
| パーフルオロカーボン類(PFCs)        | PFC-14: 6,500など   |           |      |       |       |       |       | -     | 3.5%  | 9.6%   | -17.2% | -22.2% | -8.1%  | -17.0% | -6.5%  | -3.4% | 4.2%   | -6.5% | 4.6%  | -12.5% | -27.9% | -29.2% | 4.4%  |
| 六ふっ化硫黄(SF <sub>6</sub> ) | 23,900            |           |      |       |       |       |       | -     | 3.4%  | -14.5% | -9.2%  | -31.7% | -22.8% | -17.1% | -6.4%  | -5.8% | -3.0%  | -5.7% | 2.1%  | -10.3% | -13.9% | -51.2% | 0.6%  |
| 計                        |                   |           |      | 0.7%  | 0.7%  | -0.7% | 5.0%  | 5.0%  | 1.0%  | -0.3%  | -3.2%  | 1.6%   | 1.4%   | -1.9%  | 2.4%   | 0.3%  | -0.3%  | 0.2%  | -1.3% | 2.4%   | -6.1%  | -5.9%  | 4.2%  |

温室効果ガス排出量の推移(1990-2011年度)



※京都議定書の基準年の値は、「対当量報告書」(2006年8月提出、2007年3月改訂)で報告された1990年のCO<sub>2</sub>、CH<sub>4</sub>、N<sub>2</sub>Oの排出量および1995年のHFCs、PFCs、SF<sub>6</sub>の排出量であり、変更されことはない。一方、毎年報告される1990年値、1995年値は算定方法の変更等により変更される。

部門別CO<sub>2</sub>排出量(間接排出量[電気・熱配分後])(簡易表)

| ■排出量 [kt CO <sub>2</sub> ] |           | 京都議定書の基準年 | 1990      | 1991      | 1992      | 1993      | 1994      | 1995      | 1996      | 1997      | 1998      | 1999      | 2000      | 2001      | 2002      | 2003      | 2004      | 2005      | 2006      | 2007      | 2008      | 2009      | 2010      | 2011    | 備考 |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|----|
| A. 燃料の燃焼                   |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |         |    |
| エネルギー転換部門                  | 1,059,076 | 1,059,144 | 1,066,628 | 1,073,685 | 1,067,560 | 1,122,950 | 1,135,267 | 1,147,123 | 1,143,372 | 1,113,065 | 1,147,923 | 1,166,902 | 1,153,217 | 1,192,872 | 1,198,076 | 1,198,421 | 1,202,573 | 1,185,109 | 1,218,496 | 1,138,441 | 1,075,243 | 1,123,470 | 1,173,075 |         |    |
| 事業用発電・送配電熱損失・地域熱供給         | 67,858    | 67,834    | 68,777    | 68,979    | 67,259    | 74,263    | 73,301    | 71,674    | 72,270    | 73,146    | 72,094    | 70,766    | 68,938    | 76,613    | 73,793    | 73,889    | 79,323    | 76,959    | 82,923    | 79,096    | 80,024    | 81,137    | 87,387    |         |    |
| 石油製品製造                     | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —       |    |
| その他エネルギー産業等                | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —       |    |
| 産業部門                       | 482,112   | 482,169   | 476,071   | 468,396   | 455,233   | 472,644   | 471,149   | 479,959   | 480,442   | 444,865   | 456,452   | 467,196   | 449,633   | 461,165   | 465,026   | 465,316   | 459,297   | 456,984   | 467,464   | 418,991   | 388,091   | 421,029   | 418,767   |         |    |
| 農林                         | 6,942     | 6,915     | 7,103     | 7,340     | 7,322     | 8,185     | 7,917     | 8,227     | 8,202     | 8,743     | 8,828     | 8,746     | 8,869     | 8,625     | 8,259     | 7,706     | 6,849     | 6,285     | 5,466     | 5,116     | 5,324     | 5,270     | 5,270     |         |    |
| 工業                         | 15,094    | 15,096    | 15,890    | 15,162    | 14,010    | 12,700    | 12,919    | 12,634    | 11,800    | 10,600    | 9,901     | 7,887     | 7,887     | 7,887     | 7,887     | 7,887     | 7,887     | 7,887     | 7,887     | 7,887     | 7,887     | 7,887     | 7,887     | 7,887   |    |
| 建設業                        | 14,881    | 14,918    | 15,979    | 16,836    | 17,463    | 17,614    | 17,067    | 17,177    | 16,778    | 15,786    | 15,309    | 14,654    | 13,955    | 13,276    | 12,892    | 12,699    | 12,382    | 12,236    | 11,982    | 11,383    | 11,243    | 11,235    | 11,521    | 11,521  |    |
| 食料品                        | 17,478    | 17,479    | 18,242    | 19,149    | 18,923    | 19,420    | 19,109    | 18,790    | 18,609    | 18,517    | 18,701    | 18,402    | 18,213    | 18,241    | 18,176    | 17,868    | 17,161    | 16,375    | 16,759    | 15,674    | 15,074    | 15,667    | 17,087    | 17,087  |    |
| パルプ・紙・紙板                   | 30,023    | 30,023    | 29,897    | 29,305    | 29,244    | 30,535    | 31,678    | 31,845    | 31,641    | 30,035    | 30,640    | 31,305    | 30,489    | 30,293    | 29,962    | 29,413    | 27,947    | 26,503    | 26,467    | 24,172    | 21,945    | 21,282    | 21,881    | 21,881  |    |
| 化学繊維                       | 11,595    | 11,596    | 11,593    | 11,581    | 11,375    | 11,322    | 11,288    | 11,219    | 11,160    | 11,064    | 10,845    | 10,334    | 9,998     | 9,914     | 9,442     | 8,279     | 7,954     | 8,075     | 7,954     | 6,767     | 6,767     | 7,530     | 7,530     | 7,530   |    |
| 石油製品                       | 625       | 625       | 753       | 820       | 918       | 1,232     | 1,375     | 1,660     | 1,802     | 2,400     | 2,400     | 2,400     | 2,400     | 2,400     | 2,400     | 2,400     | 2,400     | 2,400     | 2,400     | 2,400     | 2,400     | 2,400     | 2,400     | 2,400   |    |
| 化学                         | 60,571    | 60,572    | 63,484    | 64,083    | 65,418    | 69,056    | 69,983    | 71,191    | 71,972    | 56,115    | 59,222    | 60,974    | 57,992    | 58,229    | 57,324    | 57,587    | 56,974    | 57,963    | 60,149    | 53,771    | 51,503    | 52,438    | 52,856    | 52,856  |    |
| プラスチック                     | 4,179     | 4,179     | 4,108     | 3,981     | 3,949     | 4,104     | 4,013     | 3,959     | 3,612     | 2,753     | 2,660     | 2,663     | 2,499     | 2,477     | 2,359     | 2,356     | 2,294     | 2,347     | 2,390     | 2,134     | 2,052     | 2,110     | 2,276     | 2,276   |    |
| 医薬品                        | 43,718    | 43,719    | 44,716    | 44,790    | 45,098    | 46,222    | 46,358    | 46,531    | 45,688    | 36,933    | 37,528    | 38,929    | 37,260    | 36,884    | 38,396    | 36,187    | 35,603    | 35,773    | 35,981    | 34,058    | 31,488    | 31,787    | 31,599    | 31,599  |    |
| 鉄鋼                         | 169,872   | 169,874   | 164,667   | 157,420   | 155,345   | 159,193   | 159,604   | 160,839   | 162,783   | 151,265   | 158,747   | 164,123   | 159,568   | 166,242   | 168,728   | 168,214   | 166,099   | 167,813   | 176,055   | 156,262   | 145,700   | 165,406   | 166,506   | 166,506 |    |
| 非鉄金属                       | 10,896    | 10,896    | 10,741    | 10,290    | 10,290    | 10,290    | 10,290    | 10,290    | 10,290    | 8,827     | 7,570     | 7,850     | 8,033     | 7,483     | 7,811     | 8,150     | 8,018     | 8,223     | 8,534     | 9,817     | 8,892     | 8,805     | 8,305     | 9,495   |    |
| 機械                         | 31,337    | 31,340    | 32,020    | 31,966    | 32,906    | 33,273    | 32,968    | 34,333    | 34,361    | 26,609    | 27,632    | 29,320    | 27,528    | 30,203    | 32,443    | 32,823    | 34,255    | 36,436    | 40,057    | 35,375    | 30,291    | 32,345    | 38,432    | 38,432  |    |
| 建設補正                       | -24,004   | -23,477   | -23,641   | -23,600   | -24,753   | -23,636   | -22,623   | -22,623   | -16,442   | -15,274   | -13,601   | -13,951   | -13,436   | -11,928   | -11,928   | -7,502    | -7,502    | -6,366    | -6,366    | -1,539    | -6,002    | -3,825    | -3,825    | -3,825  |    |
| 他業種・中小製造業                  | 87,311    | 86,788    | 78,909    | 78,268    | 69,258    | 71,928    | 70,104    | 73,789    | 71,218    | 82,017    | 81,940    | 83,319    | 79,738    | 83,257    | 82,649    | 85,018    | 80,242    | 76,567    | 71,494    | 59,035    | 54,897    | 66,627    | 50,869    | 50,869  |    |
| 運輸部門                       | 217,371   | 217,379   | 228,857   | 233,455   | 237,971   | 250,404   | 257,579   | 263,033   | 264,794   | 263,744   | 266,186   | 265,321   | 267,364   | 269,261   | 260,144   | 259,479   | 254,186   | 250,521   | 245,447   | 235,485   | 229,793   | 232,454   | 230,162   | 230,162 |    |
| 航空機                        | 7,162     | 7,162     | 7,763     | 8,291     | 8,689     | 9,153     | 10,278    | 10,086    | 10,744    | 10,709    | 10,532    | 10,677    | 10,724    | 10,934    | 11,063    | 10,663    | 10,799    | 11,178    | 10,876    | 10,277    | 9,781     | 9,193     | 9,001     | 9,001   |    |
| 自動車                        | 189,228   | 189,228   | 199,472   | 203,591   | 208,310   | 219,481   | 223,381   | 230,302   | 230,682   | 231,670   | 234,121   | 232,827   | 235,322   | 229,310   | 227,122   | 228,195   | 222,652   | 219,194   | 214,195   | 205,933   | 202,018   | 204,981   | 201,975   | 201,975 |    |
| 鉄道                         | 7,250     | 7,258     | 7,312     | 7,493     | 7,091     | 7,563     | 7,232     | 7,090     | 6,839     | 6,663     | 6,896     | 6,952     | 6,920     | 7,448     | 7,825     | 7,713     | 7,820     | 7,509     | 8,206     | 7,986     | 7,610     | 7,564     | 8,598     | 8,598   |    |
| 船舶                         | 13,731    | 13,731    | 14,310    | 14,080    | 13,880    | 14,206    | 14,687    | 15,555    | 16,528    | 14,701    | 14,637    | 14,863    | 14,397    | 14,569    | 14,133    | 12,908    | 12,915    | 12,640    | 12,710    | 11,288    | 10,383    | 10,716    | 10,588    | 10,588  |    |
| 民生部門                       | 291,735   | 291,762   | 292,923   | 304,865   | 307,098   | 325,639   | 333,237   | 332,458   | 325,865   | 331,311   | 333,191   | 363,619   | 367,283   | 392,834   | 399,113   | 399,737   | 409,798   | 400,646   | 422,663   | 404,870   | 377,335   | 388,849   | 436,759   | 436,759 |    |
| 家庭                         | 127,443   | 127,450   | 129,371   | 136,409   | 137,920   | 145,018   | 148,105   | 147,826   | 144,309   | 143,928   | 151,915   | 157,547   | 153,726   | 166,441   | 167,547   | 167,558   | 174,219   | 165,759   | 179,275   | 171,027   | 161,690   | 171,978   | 188,786   | 188,786 |    |
| 業務用                        | 164,292   | 164,311   | 163,552   | 168,456   | 169,178   | 180,621   | 185,132   | 184,631   | 181,557   | 187,383   | 201,276   | 206,082   | 213,556   | 227,393   | 231,589   | 232,179   | 235,578   | 234,887   | 242,888   | 233,844   | 215,646   | 216,871   | 247,973   | 247,973 |    |
| B. 燃料からの燃焼                 |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |         |    |
| 工業プロセス                     | 62,318    | 59,876    | 60,982    | 60,993    | 59,939    | 61,181    | 61,333    | 61,672    | 58,982    | 53,317    | 53,320    | 53,887    | 52,657    | 49,841    | 49,010    | 48,838    | 49,903    | 49,979    | 49,213    | 45,613    | 40,189    | 41,074    | 41,135    | 41,135  |    |
| 製業・土石                      | 57,448    | 55,311    | 56,475    | 56,567    | 55,713    | 56,690    | 56,756    | 57,089    | 54,453    | 49,384    | 49,101    | 49,746    | 48,848    | 46,235    | 45,640    | 45,408    | 46,774    | 46,879    | 46,010    | 42,883    | 37,589    | 38,177    | 38,344    | 38,344  |    |
| セメント                       | 37,956    | 37,905    | 39,517    | 40,899    | 40,376    | 41,427    | 41,273    | 41,684    | 39,105    | 34,635    | 34,290    | 34,394    | 33,663    | 31,744    | 31,261    | 30,609    | 31,579    | 31,289    | 29,983    | 27,925    | 24,755    | 23,781    | 24,550    | 24,550  |    |
| 生石灰                        | 7,371     | 6,674     | 6,525     | 5,946     | 5,740     | 5,795     | 5,698     | 5,789     | 5,904     | 5,638     | 5,703     | 5,900     | 5,663     | 5,605     | 6,011     | 6,399     | 6,646     | 6,788     | 7,012     | 6,592     | 5,965     | 6,285     | 5,896     | 5,896   |    |
| 石灰石及びCO <sub>2</sub> 回収の使用 | 11,527    | 10,464    | 10,170    | 9,560     | 9,244     | 9,272     | 9,436     | 9,374     | 9,208     | 8,901     | 8,898     | 9,243     | 9,383     | 8,896     | 8,467     | 8,141     | 8,352     | 8,617     | 8,827     | 8,208     | 7,332     | 7,962     | 7,891     | 7,891   |    |
| ソーダ灰の使用                    | 584       | 257       | 264       | 253       | 251       | 251       | 237       | 210       | 210       | 210       | 210       | 197       | 189       | 201       | 207       | 197       | 189       | 189       | 182       | 159       | 138       | 146       | 147       | 147     |    |
| 化学                         | 4,514     | 4,204     | 4,184     | 4,101     | 3,885     | 4,145     | 4,220     | 4,203     | 4,444     | 3,640     | 3,605     | 3,883     | 3,569     | 3,385     | 3,125     | 3,172     | 2,887     | 2,919     | 2,990     | 2,574     | 2,488     | 2,737     | 2,629     | 2,629   |    |
| アンモニア                      | 3,385     | 3,385     | 3,334     | 3,394     | 3,190     | 3,372     | 3,372     | 3,372     | 3,294     | 3,293     | 3,188     | 3,188     | 2,725     | 2,447     | 2,458     | 2,155     | 2,184     | 2,211     | 1,990     | 1,909     | 2,106     | 1,991     | 1,991     | 1,991   |    |
| エチレン、カーバイド                 | 1,129     | 824       | 850       | 737       | 705       | 748       | 784       | 744       | 772       | 646       | 672       | 705       | 633       | 660       | 682       | 714       | 732       | 735       | 749       | 584       | 579       | 631       | 638       | 638     |    |
| 金属                         | 356       | 356       | 323       | 323       | 331       | 346       | 357       | 380       | 384       | 293       | 254       | 248       | 211       | 221       | 242       | 258       | 242       | 178       | 212       | 156       | 119       | 169       | 162       | 162     |    |
| 廃棄物                        | 22,689    | 22,682    | 22,408    | 23,809    | 23,325    | 26,478    | 27,027    | 27,737    | 29,076    | 29,446    | 29,516    | 30,636    | 30,414    | 30,653    | 31,385    | 30,590    | 29,615    | 27,825    | 28,406    | 29,377    | 25,988    | 26,491    | 26,442    | 26,442  |    |
| 廃棄物の焼却(エネルギー利用を含む)         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —       |    |
| 石油由来非汚濁性汚泥の分解              | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —       |    |
| 廃棄物のエネルギー利用                | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —         | —       |    |
| 合計                         | 1,144,180 | 1,141,18  |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |         |    |