

エチレン換算需給推移

経済産業省製造産業局化学課
(単位：千トン、%)

| 暦年 | 輸出 | | 輸入 | | バランス ①-② | エチレン生産 | | 内需 | | 輸出比率 ①/③ | 輸入比率 ②/内需 |
|------|---------|-------|-------|-------|-------------|---------|-------|---------|-------|-------------|--------------|
| | ① | 前年比 | ② | 前年比 | | ③ | 前年比 | ③+②-① | 前年比 | | |
| 2004 | 2,206.4 | -1.4 | 388.2 | -7.5 | 1,818.1 | 7,569.7 | 2.8 | 5,751.6 | 3.7 | 29.1 | 6.8 |
| 2005 | 2,269.8 | 2.9 | 422.0 | 8.7 | 1,847.7 | 7,618.4 | 0.6 | 5,770.7 | 0.3 | 29.8 | 7.3 |
| 2006 | 2,294.1 | 1.1 | 489.0 | 15.9 | 1,805.1 | 7,522.3 | -1.3 | 5,717.2 | -0.9 | 30.5 | 8.6 |
| 2007 | 2,390.7 | 4.2 | 394.4 | -19.4 | 1,996.4 | 7,738.6 | 2.9 | 5,742.2 | 0.4 | 30.9 | 6.9 |
| 2008 | 1,828.8 | -23.5 | 541.4 | 37.3 | 1,287.4 | 6,882.4 | -11.1 | 5,594.9 | -2.6 | 26.6 | 9.7 |
| 2009 | 2,940.4 | 60.8 | 407.1 | -24.8 | 2,533.3 | 6,912.6 | 0.4 | 4,379.3 | -21.7 | 42.5 | 9.3 |
| 2010 | 2,435.3 | -17.2 | 534.6 | 31.3 | 1,900.7 | 7,017.6 | 1.5 | 5,116.8 | 16.8 | 34.7 | 10.4 |
| 2011 | 2,192.5 | -10.0 | 708.6 | 32.6 | 1,483.9 | 6,689.3 | -4.7 | 5,205.5 | 1.7 | 32.8 | 13.6 |
| 2012 | 1,909.6 | -12.9 | 704.3 | -0.6 | 1,205.3 | 6,145.2 | -8.1 | 4,939.9 | -5.1 | 31.1 | 14.3 |
| 2013 | 2,397.7 | 25.6 | 671.6 | -4.6 | 1,726.0 | 6,695.7 | 9.0 | 4,969.7 | 0.6 | 35.8 | 13.5 |
| 2014 | 2,192.7 | -8.5 | 736.8 | 9.7 | 1,455.9 | 6,648.4 | -0.7 | 5,192.5 | 4.5 | 33.0 | 14.2 |

半期別

| 暦年 | 上下 | 輸出 | | 輸入 | | バランス ①-② | エチレン生産 | | 内需 | | 輸出比率 ①/③ | 輸入比率 ②/内需 |
|------|----|---------|-------|-------|-------|-------------|---------|-------|---------|-------|-------------|--------------|
| | | ① | 前年比 | ② | 前年比 | | ③ | 前年比 | ③+②-① | 前年比 | | |
| 2004 | 上 | 1,125.2 | 0.6 | 181.0 | -9.1 | 944.2 | 3,772.5 | 3.4 | 2,828.4 | 3.7 | 29.8 | 6.4 |
| | 下 | 1,081.2 | -3.5 | 207.2 | -6.1 | 874.0 | 3,797.2 | 2.1 | 2,923.2 | 3.7 | 28.5 | 7.1 |
| 2005 | 上 | 1,072.2 | -4.7 | 224.7 | 24.1 | 847.6 | 3,731.9 | -1.1 | 2,884.3 | 2.0 | 28.7 | 7.8 |
| | 下 | 1,197.5 | 10.8 | 197.4 | -4.7 | 1000.2 | 3,886.5 | 2.4 | 2,886.3 | -1.3 | 30.8 | 6.8 |
| 2006 | 上 | 1,136.0 | 5.9 | 276.5 | 23.1 | 859.6 | 3,615.9 | -3.1 | 2,756.3 | -4.4 | 31.4 | 10.0 |
| | 下 | 1,158.1 | -3.3 | 212.6 | 7.7 | 945.5 | 3,906.4 | 0.5 | 2,960.9 | 2.6 | 29.6 | 7.2 |
| 2007 | 上 | 1,273.2 | 12.1 | 192.0 | -30.6 | 1081.2 | 3,889.2 | 7.6 | 2,808.0 | 1.9 | 32.7 | 6.8 |
| | 下 | 1,117.5 | -3.5 | 202.4 | -4.8 | 915.2 | 3,849.3 | -1.5 | 2,934.2 | -0.9 | 29.0 | 6.9 |
| 2008 | 上 | 973.5 | -23.5 | 316.5 | 64.8 | 657.0 | 3,570.6 | -8.2 | 2,913.6 | 3.8 | 27.3 | 10.9 |
| | 下 | 855.4 | -23.5 | 224.9 | 11.1 | 630.5 | 3,311.8 | -14.0 | 2,681.4 | -8.6 | 25.8 | 8.4 |
| 2009 | 上 | 1,562.0 | 60.5 | 199.8 | -36.9 | 1362.3 | 3,169.8 | -11.2 | 1,807.5 | -38.0 | 49.3 | 11.1 |
| | 下 | 1,378.4 | 61.1 | 207.3 | -7.8 | 1171.0 | 3,742.8 | 13.0 | 2,571.8 | -4.1 | 36.8 | 8.1 |
| 2010 | 上 | 1,161.3 | -25.7 | 274.7 | 37.5 | 886.6 | 3,352.9 | 5.8 | 2,466.4 | 36.4 | 34.6 | 11.1 |
| | 下 | 1,274.0 | -7.6 | 259.8 | 25.3 | 1014.2 | 3,664.6 | -2.1 | 2,650.4 | 3.1 | 34.8 | 9.8 |
| 2011 | 上 | 1,052.2 | -9.4 | 383.4 | 39.5 | 668.9 | 3,338.8 | -0.4 | 2,669.9 | 8.3 | 31.5 | 14.4 |
| | 下 | 1,140.3 | -10.5 | 325.3 | 25.2 | 815.0 | 3,350.6 | -8.6 | 2,535.5 | -4.3 | 34.0 | 12.8 |
| 2012 | 上 | 895.1 | -14.9 | 361.3 | -5.8 | 533.8 | 2,960.5 | -11.3 | 2,426.7 | -9.1 | 30.2 | 14.9 |
| | 下 | 1,014.4 | -11.0 | 343.0 | 5.5 | 671.4 | 3,184.6 | -5.0 | 2,513.2 | -0.9 | 31.9 | 13.6 |
| 2013 | 上 | 1,164.5 | 30.1 | 338.7 | -6.2 | 825.7 | 3,281.9 | 10.9 | 2,456.1 | 1.2 | 35.5 | 13.8 |
| | 下 | 1,233.2 | 21.6 | 332.9 | -2.9 | 900.3 | 3,413.9 | 7.2 | 2,513.6 | 0.0 | 36.1 | 13.2 |
| 2014 | 上 | 1,086.7 | -6.7 | 397.7 | 17.4 | 689.0 | 3,243.6 | -1.2 | 2,554.6 | 4.0 | 33.5 | 15.6 |
| | 下 | 1,106.0 | -10.3 | 339.1 | 1.9 | 766.9 | 3,404.8 | -0.3 | 2,637.9 | 4.9 | 32.5 | 12.9 |

四半期

| 暦年 | | 輸出 | | 輸入 | | バランス ①-② | エチレン生産 | | 内需 | | 輸出比率 ①/③ | 輸入比率 ②/内需 |
|------|----|-------|-------|-------|-------|-------------|---------|-------|---------|-------|-------------|--------------|
| | | ① | 前年比 | ② | 前年比 | | ③ | 前年比 | ③+②-① | 前年比 | | |
| 2009 | 1Q | 766.4 | 52.1 | 121.6 | -33.4 | 644.8 | 1,471.2 | -19.8 | 826.5 | -45.4 | 52.1 | 14.7 |
| | 2Q | 795.7 | 69.4 | 78.2 | -41.6 | 717.5 | 1,698.6 | -2.2 | 981.1 | -30.0 | 46.8 | 8.0 |
| | 3Q | 688.0 | 55.0 | 113.0 | 5.4 | 574.9 | 1,815.6 | 4.7 | 1,240.7 | -11.3 | 37.9 | 9.1 |
| | 4Q | 690.4 | 67.7 | 94.3 | -19.8 | 596.1 | 1,927.2 | 22.2 | 1,331.1 | 3.8 | 35.8 | 7.1 |
| 2010 | 1Q | 670.7 | -12.5 | 122.4 | 0.7 | 548.3 | 1,777.3 | 20.8 | 1,228.9 | 48.7 | 37.7 | 10.0 |
| | 2Q | 490.6 | -38.3 | 152.4 | 94.8 | 338.2 | 1,575.7 | -7.2 | 1,237.5 | 26.1 | 31.1 | 12.3 |
| | 3Q | 600.8 | -12.7 | 134.9 | 19.3 | 466.0 | 1,751.6 | -3.5 | 1,285.7 | 3.6 | 34.3 | 10.5 |
| | 4Q | 673.2 | -2.5 | 125.0 | 32.5 | 548.2 | 1,913.0 | -0.7 | 1,364.8 | 2.5 | 35.2 | 9.2 |
| 2011 | 1Q | 611.7 | -8.8 | 129.8 | 6.0 | 482.0 | 1,758.2 | -1.1 | 1,276.3 | 3.9 | 34.8 | 10.2 |
| | 2Q | 440.5 | -10.2 | 253.6 | 66.5 | 186.9 | 1,580.6 | 0.3 | 1,393.7 | 12.6 | 27.9 | 18.2 |
| | 3Q | 561.1 | -6.6 | 188.0 | 39.4 | 373.1 | 1,712.6 | -2.2 | 1,339.5 | 4.2 | 32.8 | 14.0 |
| | 4Q | 579.2 | -14.0 | 137.3 | 9.9 | 441.9 | 1,638.0 | -14.4 | 1,196.0 | -12.4 | 35.4 | 11.5 |
| 2012 | 1Q | 495.2 | -19.0 | 155.7 | 20.0 | 339.5 | 1,543.1 | -12.2 | 1,203.6 | -5.7 | 32.1 | 12.9 |
| | 2Q | 399.9 | -9.2 | 205.6 | -18.9 | 194.3 | 1,417.4 | -10.3 | 1,223.1 | -12.2 | 28.2 | 16.8 |
| | 3Q | 517.6 | -7.7 | 166.7 | -11.3 | 350.9 | 1,577.6 | -7.9 | 1,226.7 | -8.4 | 32.8 | 13.6 |
| | 4Q | 496.8 | -14.2 | 176.3 | 28.4 | 320.5 | 1,607.0 | -1.9 | 1,286.5 | 7.6 | 30.9 | 13.7 |
| 2013 | 1Q | 589.1 | 19.0 | 162.8 | 4.6 | 426.2 | 1,658.9 | 7.5 | 1,232.6 | 2.4 | 35.5 | 13.2 |
| | 2Q | 575.4 | 43.9 | 175.9 | -14.5 | 399.5 | 1,623.0 | 14.5 | 1,223.5 | 0.0 | 35.5 | 14.4 |
| | 3Q | 616.5 | 19.1 | 170.6 | 2.3 | 445.9 | 1,614.1 | 2.3 | 1,168.2 | -4.8 | 38.2 | 14.6 |
| | 4Q | 616.7 | 24.1 | 162.3 | -7.9 | 454.4 | 1,799.8 | 12.0 | 1,345.4 | 4.6 | 34.3 | 12.1 |
| 2014 | 1Q | 587.3 | -0.3 | 182.9 | 12.3 | 404.4 | 1,727.2 | 4.1 | 1,322.8 | 7.3 | 34.0 | 13.8 |
| | 2Q | 499.4 | -13.2 | 214.8 | 22.1 | 284.6 | 1,516.4 | -6.6 | 1,231.8 | 0.7 | 32.9 | 17.4 |
| | 3Q | 499.3 | -19.0 | 185.2 | 8.5 | 314.1 | 1,632.0 | 1.1 | 1,317.9 | 12.8 | 30.6 | 14.1 |
| | 4Q | 606.7 | -1.6 | 153.9 | -5.2 | 452.8 | 1,772.8 | -1.5 | 1,320.0 | -1.9 | 34.2 | 11.7 |
| 2015 | 1Q | 716.9 | 22.1 | 168.8 | -7.7 | 548.1 | 1,767.8 | 2.4 | 1,219.7 | -7.8 | 40.6 | 13.8 |

月別

| 暦年 | 輸出 | | 輸入 | | バランス ①-② | 対内生産 | | 内需 | | 輸出比率 ①/③ | 輸入比率 ②/内需 | |
|------|----|-------|-------|------|-------------|-------|-------|-------|-------|-------------|--------------|------|
| | ① | 前年比 | ② | 前年比 | | ③ | 前年比 | ③+②-① | 前年比 | | | |
| 2010 | 1 | 236.1 | 16.3 | 42.7 | -20.3 | 193.4 | 670.0 | 33.7 | 476.6 | 35.5 | 35.2 | 9.0 |
| | 2 | 212.1 | -8.7 | 34.8 | 12.0 | 177.3 | 593.1 | 27.5 | 415.8 | 57.6 | 35.8 | 8.4 |
| | 3 | 222.5 | -32.8 | 44.9 | 21.5 | 177.6 | 514.1 | 1.8 | 336.5 | 59.6 | 43.3 | 13.3 |
| | 4 | 172.1 | -40.3 | 48.5 | 74.7 | 123.5 | 506.0 | -9.8 | 382.4 | 27.2 | 34.0 | 12.7 |
| | 5 | 163.7 | -40.1 | 57.2 | 125.7 | 106.4 | 560.9 | -3.6 | 454.5 | 36.0 | 29.2 | 12.6 |
| | 6 | 154.8 | -33.9 | 46.6 | 86.0 | 108.2 | 508.8 | -8.4 | 400.5 | 15.7 | 30.4 | 11.6 |
| | 7 | 198.0 | -10.9 | 44.0 | 1.4 | 154.0 | 593.8 | 7.2 | 439.8 | 17.3 | 33.3 | 10.0 |
| | 8 | 205.1 | -5.8 | 46.4 | 37.2 | 158.7 | 600.7 | -4.4 | 442.0 | -0.5 | 34.1 | 10.5 |
| | 9 | 197.7 | -20.3 | 44.4 | 24.0 | 153.3 | 557.1 | -12.1 | 403.8 | -4.1 | 35.5 | 11.0 |
| | 10 | 217.8 | -6.1 | 36.3 | 10.2 | 181.5 | 642.0 | 2.0 | 460.5 | 7.1 | 33.9 | 7.9 |
| | 11 | 240.4 | 6.7 | 38.3 | 33.4 | 202.1 | 625.4 | -1.5 | 423.3 | -3.4 | 38.4 | 9.0 |
| | 12 | 215.0 | -7.8 | 50.3 | 54.4 | 164.7 | 645.6 | -2.7 | 481.0 | 3.9 | 33.3 | 10.5 |
| 2011 | 1 | 211.2 | -10.6 | 45.2 | 5.8 | 166.0 | 647.0 | -3.4 | 481.0 | 0.9 | 32.6 | 9.4 |
| | 2 | 191.8 | -9.6 | 35.8 | 2.9 | 156.0 | 596.5 | 0.6 | 440.4 | 5.9 | 32.2 | 8.1 |
| | 3 | 208.7 | -6.2 | 48.8 | 8.7 | 159.9 | 514.8 | 0.1 | 354.9 | 5.5 | 40.5 | 13.7 |
| | 4 | 152.5 | -11.4 | 73.4 | 51.2 | 79.2 | 503.0 | -0.6 | 423.9 | 10.8 | 30.3 | 17.3 |
| | 5 | 142.1 | -13.1 | 96.2 | 68.1 | 46.0 | 553.1 | -1.4 | 507.2 | 11.6 | 25.7 | 19.0 |
| | 6 | 145.8 | -5.8 | 84.1 | 80.4 | 61.8 | 524.4 | 3.1 | 462.6 | 15.5 | 27.8 | 18.2 |
| | 7 | 164.1 | -17.1 | 74.8 | 70.1 | 89.3 | 566.1 | -4.7 | 476.8 | 8.4 | 29.0 | 15.7 |
| | 8 | 198.5 | -3.2 | 62.7 | 35.1 | 135.8 | 612.1 | 1.9 | 476.3 | 7.8 | 32.4 | 13.2 |
| | 9 | 198.5 | 0.4 | 50.4 | 13.5 | 148.0 | 534.4 | -4.1 | 386.4 | -4.3 | 37.1 | 13.0 |
| | 10 | 209.1 | -4.0 | 45.0 | 23.8 | 164.1 | 557.2 | -13.2 | 393.1 | -14.6 | 37.5 | 11.4 |
| | 11 | 197.5 | -17.8 | 52.8 | 38.0 | 144.7 | 556.5 | -11.0 | 411.8 | -2.7 | 35.5 | 12.8 |
| | 12 | 172.6 | -19.7 | 39.5 | -21.6 | 133.2 | 524.3 | -18.8 | 391.1 | -18.7 | 32.9 | 10.1 |
| 2012 | 1 | 159.8 | -24.3 | 55.6 | 23.0 | 104.2 | 547.3 | -15.4 | 443.1 | -7.9 | 29.2 | 12.5 |
| | 2 | 163.6 | -14.7 | 49.2 | 37.3 | 114.4 | 525.5 | -11.9 | 411.1 | -6.7 | 31.1 | 12.0 |
| | 3 | 171.9 | -17.6 | 51.0 | 4.5 | 120.9 | 470.3 | -8.6 | 349.3 | -1.6 | 36.5 | 14.6 |
| | 4 | 156.5 | 2.6 | 56.8 | -22.6 | 99.7 | 464.2 | -7.7 | 364.5 | -14.0 | 33.7 | 15.6 |
| | 5 | 121.7 | -14.4 | 89.6 | -6.8 | 32.1 | 492.3 | -11.0 | 460.2 | -9.3 | 24.7 | 19.5 |
| | 6 | 121.7 | -16.6 | 59.2 | -29.6 | 62.5 | 460.9 | -12.1 | 398.4 | -13.9 | 26.4 | 14.9 |
| | 7 | 143.0 | -12.8 | 57.5 | -23.2 | 85.5 | 522.9 | -7.6 | 437.4 | -8.3 | 27.4 | 13.1 |
| | 8 | 191.0 | -3.8 | 57.9 | -7.7 | 133.1 | 561.9 | -8.2 | 428.8 | -10.0 | 34.0 | 13.5 |
| | 9 | 183.6 | -7.5 | 51.3 | 1.7 | 132.3 | 492.8 | -7.8 | 360.5 | -6.7 | 37.3 | 14.2 |
| | 10 | 157.6 | -24.6 | 59.5 | 32.2 | 98.1 | 499.9 | -10.3 | 401.8 | 2.2 | 31.5 | 14.8 |
| | 11 | 161.4 | -18.3 | 68.3 | 29.3 | 93.1 | 540.3 | -2.9 | 447.2 | 8.6 | 29.9 | 15.3 |
| | 12 | 177.8 | 3.0 | 48.5 | 23.0 | 129.3 | 566.8 | 8.1 | 437.5 | 11.9 | 31.4 | 11.1 |
| 2013 | 1 | 185.3 | 16.0 | 60.0 | 7.9 | 125.3 | 577.3 | 5.5 | 452.0 | 2.0 | 32.1 | 13.3 |
| | 2 | 184.8 | 13.0 | 50.2 | 2.0 | 134.6 | 525.6 | 0.0 | 391.0 | -4.9 | 35.2 | 12.8 |
| | 3 | 219.0 | 27.4 | 52.7 | 3.4 | 166.3 | 556.0 | 18.2 | 389.7 | 11.6 | 39.4 | 13.5 |
| | 4 | 192.1 | 22.7 | 58.0 | 2.1 | 134.1 | 546.3 | 17.7 | 412.2 | 13.1 | 35.2 | 14.1 |
| | 5 | 178.4 | 46.6 | 61.3 | -31.6 | 117.1 | 554.3 | 12.6 | 437.2 | -5.0 | 32.2 | 14.0 |
| | 6 | 204.9 | 68.4 | 56.6 | -4.4 | 148.3 | 522.4 | 13.3 | 374.1 | -6.1 | 39.2 | 15.1 |
| | 7 | 193.6 | 35.4 | 59.9 | 4.2 | 133.7 | 542.0 | 3.6 | 408.3 | -6.7 | 35.7 | 14.7 |
| | 8 | 217.3 | 13.8 | 54.1 | -6.6 | 163.2 | 557.4 | -0.8 | 394.2 | -8.1 | 39.0 | 13.7 |
| | 9 | 205.6 | 12.0 | 56.6 | 10.3 | 149.0 | 514.6 | 4.4 | 365.6 | 1.4 | 40.0 | 15.5 |
| | 10 | 189.0 | 19.9 | 56.5 | -5.0 | 132.5 | 579.2 | 15.9 | 446.7 | 11.2 | 32.6 | 12.6 |
| | 11 | 211.5 | 31.0 | 53.7 | -21.4 | 157.7 | 598.6 | 10.8 | 440.8 | -1.4 | 35.3 | 12.2 |
| | 12 | 216.2 | 21.6 | 52.1 | 7.4 | 164.1 | 621.9 | 9.7 | 457.8 | 4.6 | 34.8 | 11.4 |
| 2014 | 1 | 228.9 | 23.5 | 58.9 | -1.7 | 170.0 | 643.7 | 11.5 | 473.7 | 4.8 | 35.6 | 12.4 |
| | 2 | 192.1 | 4.0 | 55.1 | 9.9 | 137.0 | 572.7 | 9.0 | 435.7 | 11.4 | 33.5 | 12.7 |
| | 3 | 166.3 | -24.1 | 68.9 | 30.7 | 97.4 | 510.8 | -8.1 | 413.4 | 6.1 | 32.6 | 16.7 |
| | 4 | 154.2 | -19.7 | 74.8 | 29.0 | 79.4 | 503.2 | -7.9 | 423.8 | 2.8 | 30.6 | 17.7 |
| | 5 | 180.9 | 1.4 | 69.2 | 12.9 | 111.7 | 530.2 | -4.3 | 418.5 | -4.3 | 34.1 | 16.5 |
| | 6 | 164.3 | -19.8 | 70.7 | 25.0 | 93.6 | 483.0 | -7.5 | 389.4 | 4.1 | 34.0 | 18.2 |
| | 7 | 171.2 | -11.6 | 70.5 | 17.7 | 100.7 | 553.5 | 2.1 | 452.8 | 10.9 | 30.9 | 15.6 |
| | 8 | 168.7 | -22.4 | 53.4 | -1.4 | 115.3 | 586.4 | 5.2 | 471.1 | 19.5 | 28.8 | 11.3 |
| | 9 | 159.4 | -22.5 | 61.3 | 8.3 | 98.1 | 492.1 | -4.4 | 394.0 | 7.8 | 32.4 | 15.6 |
| | 10 | 184.5 | -2.4 | 53.9 | -4.6 | 130.6 | 553.2 | -4.5 | 422.6 | -5.4 | 33.4 | 12.8 |
| | 11 | 195.2 | -7.7 | 55.4 | 3.2 | 139.8 | 588.4 | -1.7 | 448.6 | 1.8 | 33.2 | 12.4 |
| | 12 | 227.0 | 5.0 | 44.6 | -14.4 | 182.4 | 631.2 | 1.5 | 448.8 | -2.0 | 36.0 | 9.9 |
| 2015 | 1 | 222.1 | -3.0 | 56.2 | -4.6 | 165.9 | 614.0 | -4.6 | 448.1 | -5.4 | 36.2 | 12.5 |
| | 2 | 213.1 | 10.9 | 54.0 | -2.0 | 159.1 | 565.0 | -1.3 | 405.9 | -6.8 | 37.7 | 13.3 |
| | 3 | 281.6 | 69.3 | 58.6 | -14.9 | 223.0 | 588.8 | 15.3 | 365.8 | -11.5 | 47.8 | 16.0 |
| | 4 | 236.6 | 53.4 | 44.5 | -40.5 | 192.1 | 573.1 | 13.9 | 381.0 | -10.1 | 41.3 | 11.7 |
| | 5 | 216.0 | 19.4 | 52.6 | -24.0 | 163.4 | 531.3 | 0.2 | 367.9 | -12.1 | 40.7 | 14.3 |
| | 6 | | | | | | 497.3 | 3.0 | | | | |

(注) エチレン換算輸出入は、財務省「貿易統計」を基に主要エチレン系製品をそれぞれの原単位により原料であるエチレンの量に換算した。