

# エチレン換算需給推移

経済産業省製造産業局素材産業課

(単位：千トン、%)

年別 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		
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	6,647.1	-0.7	5,191.2	4.5	33.0	14.2
2015	2,583.6	17.8	593.8	-19.4	1,989.8	6,883.4	3.6	4,893.6	-5.7	37.5	12.1
2016	2,233.7	-13.5	769.5	29.6	1,464.2	6,278.9	-8.8	4,814.7	-1.6	35.6	16.0

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		
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	339.2	1.9	766.8	3,403.5	-0.3	2,636.7	4.9	32.5	12.9
2015	上	1,392.3	28.1	314.5	-20.9	1077.8	3,369.6	3.9	2,291.8	-10.3	41.3	13.7
	下	1,191.3	7.7	279.3	-17.6	912.0	3,513.8	3.2	2,601.8	-1.3	33.9	10.7
2016	上	1,160.8	-16.6	369.5	17.5	791.3	3,147.4	-6.6	2,356.1	2.8	36.9	15.7
	下	1,072.9	-9.9	400.0	43.2	672.9	3,131.5	-10.9	2,458.6	-5.5	34.3	16.3
2017	上	1,210.1	4.2	435.2	17.8	774.9	3,238.6	2.9	2,463.7	4.6	37.4	17.7

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		
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	8.6	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	1,771.5	-1.6	1,318.7	-2.0	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
	2Q	675.5	35.3	145.7	-32.2	529.8	1,601.8	5.6	1,072.0	-13.0	42.2	13.6
	3Q	576.1	15.4	123.5	-42.5	452.6	1,728.9	14.0	1,276.3	3.6	33.3	9.7
	4Q	615.2	1.4	155.8	1.2	459.4	1,784.9	0.8	1,325.5	0.5	34.5	11.8
2016	1Q	605.9	-15.5	179.5	6.3	426.4	1,664.6	-5.8	1,238.2	1.5	36.4	14.5
	2Q	554.9	-17.9	190.0	30.4	364.9	1,482.8	-7.4	1,117.9	4.3	37.4	17.0
	3Q	476.1	-17.4	214.8	73.9	261.3	1,474.6	-14.7	1,213.3	-4.9	32.3	17.7
	4Q	596.8	-3.0	185.2	18.9	411.6	1,656.9	-7.2	1,245.3	-6.1	36.0	14.9
2017	1Q	618.5	2.1	209.2	16.5	409.3	1,672.1	0.5	1,262.8	2.0	37.0	16.6
	2Q	591.6	6.6	226.0	18.9	365.6	1,566.5	5.6	1,200.9	7.4	37.8	18.8

経済産業省製造産業局素材産業課  
(単位：千トン、%)

月別 暦年	輸出		輸入		バランス ①-②	対イ生産		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			
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	-1.3	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	553.1	-4.5	422.5	-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	12.3
	12	227.0	5.0	44.6	-14.4	182.4	630.0	1.3	447.6	-2.2	36.0	10.0
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	235.8	52.9	44.5	-40.5	191.3	573.1	13.9	381.8	-9.9	41.1	11.7
	5	215.9	19.3	52.6	-24.0	163.3	531.3	0.2	368.0	-12.1	40.6	14.3
	6	223.8	36.2	48.6	-31.3	175.2	497.4	3.0	322.2	-17.3	45.0	15.1
	7	165.7	-3.2	36.0	-48.9	129.7	559.1	1.0	429.4	-5.2	29.6	8.4
	8	210.7	24.9	43.6	-18.4	167.1	595.4	1.5	428.3	-9.1	35.4	10.2
	9	199.7	25.3	43.9	-28.4	155.8	574.4	16.7	418.6	6.2	34.8	10.5
	10	209.9	13.8	49.7	-7.8	160.2	587.8	6.3	427.6	1.2	35.7	11.6
	11	214.8	10.0	49.5	-10.6	165.3	583.1	-0.9	417.8	-6.9	36.8	11.8
	12	190.5	-16.1	56.6	26.9	133.9	614.0	-2.5	480.1	7.3	31.0	11.8
2016	1	192.7	-13.2	56.7	0.9	136.0	600.8	-2.1	464.8	3.7	32.1	12.2
	2	193.2	-9.3	62.1	15.0	131.1	537.2	-4.9	406.1	0.0	36.0	15.3
	3	220.0	-21.9	60.7	3.6	159.3	526.6	-10.6	367.3	0.4	41.8	16.5
	4	209.4	-11.2	72.5	62.9	136.9	530.3	-7.5	393.4	3.0	39.5	18.4
	5	177.3	-17.9	61.8	17.5	115.5	506.3	-4.7	390.8	6.2	35.0	15.8
	6	168.2	-24.8	55.7	14.6	112.5	446.2	-10.3	333.7	3.6	37.7	16.7
	7	158.1	-4.6	67.5	87.5	90.6	499.4	-10.7	408.8	-4.8	31.7	16.5
	8	172.0	-18.4	70.6	61.9	101.4	505.0	-15.2	403.6	-5.8	34.1	17.5
	9	146.0	-26.9	76.7	74.7	69.3	470.2	-18.1	400.9	-4.2	31.1	19.1
	10	179.0	-14.7	73.0	46.9	106.0	519.1	-11.7	413.1	-3.4	34.5	17.7
	11	206.6	-3.8	55.8	12.7	150.8	557.8	-4.3	407.0	-2.6	37.0	13.7
	12	211.2	10.9	56.4	-0.4	154.8	580.0	-5.5	425.2	-11.4	36.4	13.3
2017	1	190.8	-1.0	59.6	5.1	131.2	590.1	-1.8	458.9	-1.3	32.3	13.0
	2	195.6	1.2	74.8	20.5	120.8	514.9	-4.2	394.1	-3.0	38.0	19.0
	3	232.1	5.5	74.8	23.2	157.3	567.1	7.7	409.8	11.6	40.9	18.3
	4	206.7	-1.3	60.2	-17.0	146.5	549.8	3.7	403.3	2.5	37.6	14.9
	5	200.4	13.0	97.3	57.4	103.1	536.0	5.9	432.9	10.8	37.4	22.5
	6	184.5	9.7	68.5	23.0	116.0	480.7	7.7	364.7	9.3	38.4	18.8
	7	173.1	9.5	76.5	13.3	96.6	511.9	2.5	415.3	1.6	33.8	18.4
	8						560.2	10.9				

(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。