

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	エチレン生産		内需		輸出比率	輸入比率
	①	前年比	②	前年比	①-②	③	前年比	③+②-①	前年比	①/③	②/内需
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
2017	2,321.3	3.9	848.0	10.2	1,473.3	6,530.1	4.0	5,056.8	5.0	35.5	16.8
2018	2,134.0	-8.1	882.5	4.1	1,251.5	6,156.6	-5.7	4,905.1	-3.0	34.7	18.0
2019	2,510.5	17.6	800.0	-9.3	1,710.5	6,418.0	4.2	4,707.5	-4.0	39.1	17.0

半期別 暦年	上下	輸出		輸入		バランス	エチレン生産		内需		輸出比率	輸入比率
		①	前年比	②	前年比	①-②	③	前年比	③+②-①	前年比	①/③	②/内需
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	1,210.0	4.2	435.2	17.8	774.8	3,238.6	2.9	2,463.8	4.6	37.4	17.7
	下	1,111.3	3.6	412.8	3.2	698.5	3,291.5	5.1	2,593.0	5.5	33.8	15.9
2018	上	1,061.8	-12.2	458.1	5.3	603.7	2,992.9	-7.6	2,389.2	-3.0	35.5	19.2
	下	1,072.2	-3.5	424.4	2.8	647.8	3,163.7	-3.9	2,515.9	-3.0	33.9	16.9
2019	上	1,209.5	13.9	411.7	-10.1	797.8	3,142.5	5.0	2,344.7	-1.9	38.5	17.6
	下	1,301.0	21.3	388.3	-8.5	912.7	3,275.5	3.5	2,362.8	-6.1	39.7	16.4
2020	上	1,127.2	-6.8	389.2	-5.5	738.0	2,815.6	-10.4	2,077.6	-11.4	40.0	18.7

四半期 暦年		輸出		輸入		バランス	エチレン生産		内需		輸出比率	輸入比率
		①	前年比	②	前年比	①-②	③	前年比	③+②-①	前年比	①/③	②/内需
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	591.5	6.6	226.0	18.9	365.5	1,566.5	5.6	1,201.0	7.4	37.8	18.8
	3Q	552.4	16.0	211.6	-1.5	340.8	1,606.7	9.0	1,265.9	4.3	34.4	16.7
	4Q	558.9	-6.4	201.2	8.6	357.7	1,684.8	1.7	1,327.1	6.6	33.2	15.2
2018	1Q	564.2	-8.8	230.5	10.2	333.7	1,600.9	-4.3	1,267.2	0.3	35.2	18.2
	2Q	497.6	-15.9	227.6	0.7	270.0	1,392.0	-11.1	1,122.0	-6.6	35.7	20.3
	3Q	446.1	-19.2	223.7	5.7	222.4	1,489.2	-7.3	1,266.8	0.1	30.0	17.7
	4Q	626.1	12.0	200.7	-0.2	425.4	1,674.5	-0.6	1,249.1	-5.9	37.4	16.1
2019	1Q	609.5	8.0	220.3	-4.4	389.2	1,630.5	1.8	1,241.3	-2.0	37.4	17.7
	2Q	600.0	20.6	191.4	-15.9	408.6	1,512.0	8.6	1,103.4	-1.7	39.7	17.3
	3Q	615.7	38.0	199.5	-10.8	416.2	1,601.0	7.5	1,184.8	-6.5	38.5	16.8
	4Q	685.3	9.5	188.8	-5.9	496.5	1,674.5	0.0	1,178.0	-5.7	40.9	16.0
2020	1Q	569.6	-6.5	213.9	-2.9	355.7	1,494.3	-8.4	1,138.6	-8.3	38.1	18.8
	2Q	557.6	-7.1	175.3	-8.4	382.3	1,321.3	-12.6	939.0	-14.9	42.2	18.7
	3Q	676.2	9.8	169.9	-14.8	506.3	1,531.1	-4.4	1,024.8	-13.5	44.2	16.6

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	対外生産		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	-1.3	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	206.6	-1.3	60.2	-17.0	146.4	549.8	3.7	403.4	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	189.2	10.0	75.7	7.2	113.5	560.3	11.0	446.8	10.7	33.8	16.9
	9	190.1	30.2	59.4	-22.6	130.7	534.5	13.7	403.8	0.7	35.6	14.7
	10	176.8	-1.2	57.0	-21.9	119.8	546.0	5.2	426.2	3.2	32.4	13.4
	11	193.9	-6.1	69.1	23.8	124.8	561.6	0.7	436.8	7.3	34.5	15.8
	12	188.2	-10.9	75.1	33.2	113.1	577.2	-0.5	464.1	9.1	32.6	16.2
2018	1	197.5	3.5	77.1	29.4	120.4	584.4	-1.0	464.0	1.1	33.8	16.6
	2	169.2	-13.5	73.3	-2.0	95.9	522.0	1.4	426.1	8.1	32.4	17.2
	3	197.5	-14.9	80.1	7.1	117.4	494.5	-12.8	377.1	-8.0	39.9	21.2
	4	164.2	-20.5	95.8	59.1	68.4	483.9	-12.0	415.5	3.0	33.9	23.1
	5	174.7	-12.8	70.1	-28.0	104.6	499.1	-6.9	394.5	-8.9	35.0	17.8
	6	158.7	-14.0	61.7	-9.9	97.0	409.0	-14.9	312.0	-14.5	38.8	19.8
	7	151.0	-12.8	84.2	10.1	66.8	496.0	-3.1	429.2	3.3	30.4	19.6
	8	157.6	-16.7	75.7	0.0	81.9	517.1	-7.7	435.2	-2.6	30.5	17.4
	9	137.5	-27.7	63.8	7.4	73.7	476.1	-10.9	402.4	-0.3	28.9	15.9
	10	195.9	10.8	76.2	33.7	119.7	552.5	1.2	432.8	1.5	35.5	17.6
	11	223.4	15.2	67.2	-2.8	156.2	559.2	-0.4	403.0	-7.7	39.9	16.7
	12	206.8	9.9	57.3	-23.7	149.5	562.8	-2.5	413.3	-10.9	36.7	13.9
2019	1	198.1	0.3	78.9	2.3	119.2	580.2	-0.7	461.0	-0.6	34.1	17.1
	2	189.7	12.1	71.0	-3.1	118.7	487.5	-6.6	368.8	-13.4	38.9	19.3
	3	221.7	12.3	70.4	-12.1	151.3	562.8	13.8	411.5	9.1	39.4	17.1
	4	217.8	32.6	68.1	-28.9	149.7	515.7	6.6	366.0	-11.9	42.2	18.6
	5	201.5	15.3	68.4	-2.4	133.1	501.4	0.5	368.3	-6.6	40.2	18.6
	6	180.7	13.9	54.9	-11.0	125.8	494.9	21.0	369.1	18.3	36.5	14.9
	7	212.0	40.4	71.3	-15.3	140.7	516.8	4.2	376.1	-12.4	41.0	19.0
	8	192.0	21.8	68.3	-9.8	123.7	551.0	6.6	427.3	-1.8	34.8	16.0
	9	211.7	54.0	59.9	-6.1	151.8	533.2	12.0	381.4	-5.2	39.7	15.7
	10	219.9	12.3	62.2	-18.4	157.7	558.6	1.1	400.9	-7.4	39.4	15.5
	11	234.7	5.1	70.9	5.5	163.8	551.9	-1.3	388.1	-3.7	42.5	18.3
	12	230.7	11.6	55.7	-2.8	175.0	564.0	0.2	389.0	-5.9	40.9	14.3
2020	1	172.8	-12.8	84.4	7.0	88.4	518.3	-10.7	429.9	-6.7	33.3	19.6
	2	176.1	-7.2	67.3	-5.2	108.8	522.6	7.2	413.8	12.2	33.7	16.3
	3	220.7	-0.5	62.2	-11.6	158.5	453.4	-19.4	294.9	-28.3	48.7	21.1
	4	177.1	-18.7	64.1	-5.9	113.0	464.8	-9.9	351.8	-3.9	38.1	18.2
	5	183.7	-8.8	54.7	-20.0	129.0	438.1	-12.6	309.1	-16.1	41.9	17.7
	6	196.8	8.9	56.5	2.9	140.3	418.4	-15.5	278.1	-24.7	47.0	20.3
	7	198.1	-6.6	57.1	-19.9	141.0	501.1	-3.0	360.1	-4.3	39.5	15.9
	8	247.6	29.0	45.7	-33.1	201.9	542.4	-1.6	340.5	-20.3	45.6	13.4
	9	230.5	8.9	67.1	12.0	163.4	487.6	-8.6	324.2	-15.0	47.3	20.7
	10		-100.0		-100.0	0.0		-100.0	0.0	-100.0	#DIV/0!	#DIV/0!

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