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CHEMICAL ENGINEERING PLANT COST INDEX (CEPCI)

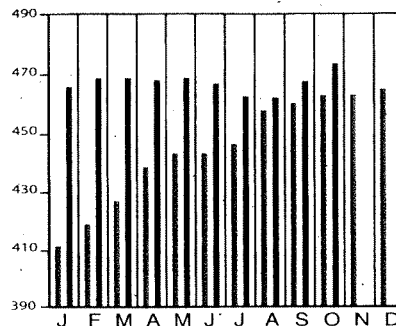
(1957-59 = 100)

CE INDEX

	Oct. '05 Prelim.	Sept. '05 Final	Oct. '04 Final
Equipment	473.1	467.2	462.4
Heat exchangers & tanks	549.5	541.2	533.8
Process machinery	520.7	509.2	507.9
Pipe, valves & fittings	526.2	521.7	508.9
Process instruments	631.5	620.8	607.7
Pumps & compressors	383.2	379.5	377.0
Electrical equipment	756.1	756.3	722.5
Structural supports & misc	376.1	374.6	355.4
Construction labor	589.0	579.3	584.6
Buildings	309.7	309.1	311.4
Engineering & supervision	450.2	444.7	438.7
	347.6	346.9	346.4

Annual Index

1997 = 386.5
1998 = 389.5
1999 = 390.6
2000 = 394.1
2001 = 394.3
2002 = 395.6
2003 = 402.0
2004 = 444.2



CURRENT BUSINESS INDICATORS

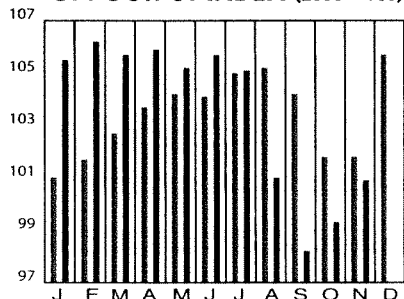
LATEST

PREVIOUS

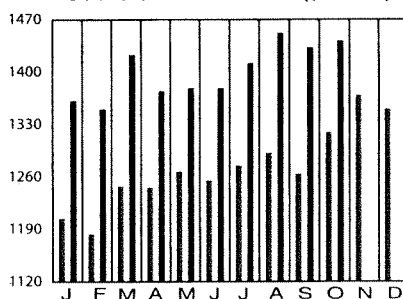
YEAR AGO

CPI output index (2000 = 100) ¹	Nov. '05 = 100.9	Oct. '05 = 99.3	Sep. '05 = 98.2	Nov. '04 = 101.8
CPI value of output, \$ billions	Oct. '05 = 1,441.9	Sep. '05 = 1,432.7	Aug. '05 = 1,452.4	Oct. '04 = 1,319.2
CPI operating rate ² , %	Nov. '05 = 79.9	Oct. '05 = 78.6	Sep. '05 = 77.8	Nov. '04 = 80.7
Construction cost index (1967 = 100)	Dec. '05 = 711.9	Nov. '05 = 710.3	Oct. '05 = 704.0	Dec. '04 = 680.4
Producer prices, industrial chemicals (1982 = 100)	Nov. '05 = 193.1	Oct. '05 = 199.7	Sep. '05 = 192.4	Nov. '04 = 178.5
Index of industrial activity (1992 = 100)	Dec. 3, '05 = 264.2	Nov. 26, '05 = 263.6	Nov. 19, '05 = 262.4	Dec. 4, '04 = 235.5
Hourly earnings index, chemical & allied products (1992 = 100)	Nov. '05 = 144.6	Oct. '05 = 145.0	Sep. '05 = 144.7	Nov. '04 = 141.9
Productivity index, chemicals & allied products (1992 = 100)	Nov. '05 = 119.7	Oct. '05 = 115.1	Sep. '05 = 114.9	Nov. '04 = 120.7

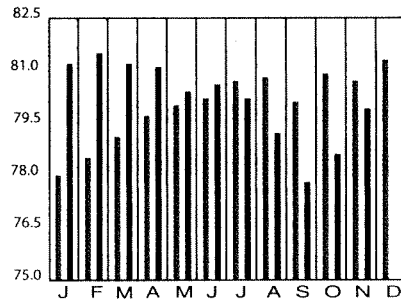
CPI OUTPUT INDEX (2000 = 100)



CPI OUTPUT VALUE (\$ Billions)



CPI OPERATING RATE (%)



1. Beginning with data that appears in CE's December 2005 issue, the base year for the CPI output index has been shifted from 1997 to 2000

2. Beginning with data that appears in CE's December 2005 issue, the weight of industrial subcategories used in calculating the CPI operating rate has been redistributed according to the following breakdown: Chemical (SIC 325) = 43.86%, Nonmetallic mineral products (SIC 327) = 9.47%, Petroleum and coal products (SIC 324) = 6.37%, Plastics and rubber products (SIC 326) = 15.92%, Paper (SIC 322) = 13.08%, Primary metal (SIC 331) = 9.93%, Nonferrous metal (ex. aluminum) production & processing (SIC 3314) = 1.38%

VATAVUK AIR POLLUTION CONTROL COST INDEXES (VAPCCI) (1st Quarter 1994 = 100.0)

CONTROL DEVICE	2004 Avg.	2003 Avg. ¹	2002 Avg.	1st Q 2005	2nd Q 2005	3rd Q 2005 ²
Carbon adsorbers	135.9	113.0	106.8	148.4	147.6	147.9
Catalytic incinerators	148.6	124.0	114.5	164.0	164.4	165.4
Electrostatic precipitators	124.0	102.9	101.7	135.2	132.2	127.9
Flares	134.2	105.2	101.7	151.0	150.5	148.5
Gas absorbers	121.8	117.3	115.6	126.4	127.2	127.3
Refrigeration systems	119.6	108.8	106.6	127.7	128.6	128.6
Regenerative thermal oxidizers	124.0	113.9	111.9	131.1	131.2	131.2
Thermal incinerators	121.9	110.0	108.6	131.7	132.5	133.0
Wet scrubbers	144.0	120.1	113.2	157.4	157.0	155.6

1. Effective fourth quarter 2003, the Bureau of Labor Statistics (BLS) converted all of the Producer Price Indexes (PPI's) from the Standard Industrial Classification (SIC) to the North American Industrial Classification System (NAICS). During this conversion, many PPI's were abolished — among them most of the PPI's that had been key inputs to the VAPCCI's. As a consequence, substitute PPI inputs had to be found. The VAPCCI's for fourth quarter 2003 and subsequent quarters reflect these substitutions.

2. All third quarter 2005 indexes are preliminary.

MARSHALL & SWIFT EQUIPMENT COST INDEX

(1926 = 100)

M & S INDEX	4th Q 2005	3rd Q 2005	4th Q 2004	1295
M & S INDEX	1,274.8	1,260.9	1,218.0	1280
Process industries, average	1,313.4	1,299.6	1,245.4	1265
Cement	1,307.1	1,293.4	1,244.1	1250
Chemicals	1,291.3	1,277.0	1,224.4	1235
Clay products	1,287.4	1,276.3	1,228.7	1220
Glass	1,216.1	1,201.5	1,152.6	1205
Paint	1,319.0	1,304.5	1,254.0	1190
Paper	1,253.3	1,241.0	1,195.6	1175
Petroleum products	1,382.6	1,368.8	1,301.8	1160
Rubber	1,372.1	1,359.3	1,312.9	1145
Related industries				1130
Electrical power	1,185.4	1,163.4	1,118.8	1115
Mining, milling	1,341.2	1,331.0	1,277.0	
Refrigeration	1,538.3	1,520.9	1,464.8	
Steam power	1,262.8	1,248.9	1,197.2	



Annual Index:	2000 = 1,089.0	2003 = 1,123.6
	2001 = 1,093.9	2004 = 1,178.5
	1999 = 1,068.3	2005 = 1,244.5
	2002 = 1,104.2	