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CHEMICAL ENGINEERING PLANT COST INDEX (CEPCI)

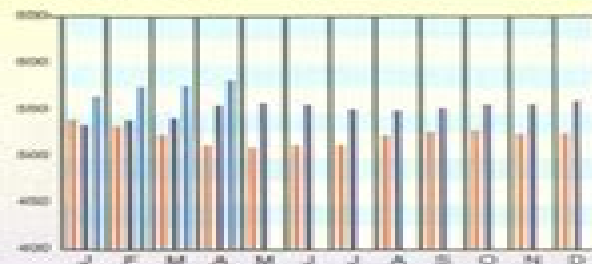
(1957-59 = 100)

CE Index

	Apr.'11 Fixed	Mar.'11 Fixed	Apr.'10 Fixed
Equipment	708.2	698.7	686.0
Heat exchangers & tanks	582.4	575.8	555.3
Process machinery	621.4	627.5	622.0
Pipes, valves & fittings	645.3	652.0	625.4
Pumps & compressors	868.9	862.8	829.5
Process instruments	443.7	438.7	426.7
Electrical equipment	904.7	898.5	900.4
Structural supports & misc.	523.6	499.4	472.5
Construction labor	712.8	738.6	688.7
Buildings	325.8	324.2	327.3
Engineering & supervision	517.1	514.1	508.9
	333.6	334.3	341.4

Annual Index:

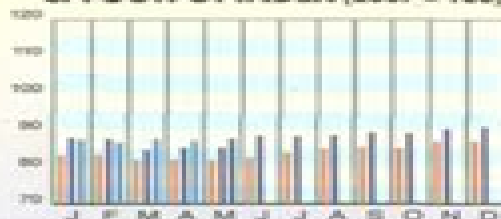
2003 = 602.0
2004 = 644.2
2005 = 668.2
2006 = 698.6
2007 = 525.4
2008 = 521.8
2010 = 558.8



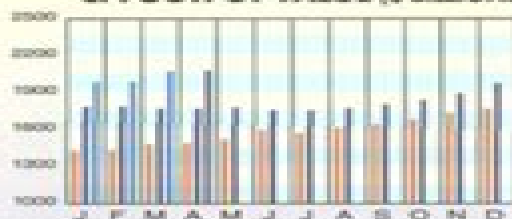
CURRENT BUSINESS INDICATORS

	May '11	Apr. '11	Mar. '11	Feb. '11	Jan. '11
CPI-output index (2007 = 100)	87.5	87.0	87.4	87.4	85.1
CPI-value of output, \$ billions	2,081.2	2,072.8	1,990.4	1,990.4	1,789.7
CPI-operating rate, %	75.4	74.8	75.3	75.3	72.8
Producer prices, industrial chemicals (1992 = 100)	336.0	323.7	312.9	312.9	271.9
Industrial Production in Manufacturing (2007 = 100)	89.8	89.4	89.9	89.9	86.7
Hourly earnings index, chemical & allied products (1992 = 100)	156.2	154.9	156.1	156.1	152.7
Productivity index, chemical & allied products (1992 = 100)	113.0	112.9	112.8	112.8	109.8

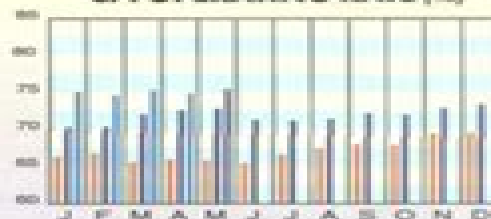
CPI OUTPUT INDEX (2007 = 100)



CPI OUTPUT VALUE (\$ BILLIONS)



CPI OPERATING RATE (%)



Current Business Indicators provided by Global Insight, Inc., Lexington, Mass.

MARSHALL & SWIFT EQUIPMENT COST INDEX

(1926 = 100)

M & S INDEX

	1st Q 2011	4th Q 2010	3rd Q 2010	2nd Q 2010	1st Q 2010
Process Industries, average	1,490.2	1,476.7	1,473.3	1,461.3	1,468.3
Cement	1,549.8	1,537.0	1,534.4	1,522.1	1,510.3
Chemicals	1,546.6	1,522.5	1,520.0	1,519.2	1,506.1
Clay products	1,519.8	1,507.3	1,500.3	1,493.5	1,481.8
Glass	1,534.9	1,521.4	1,518.3	1,505.6	1,495.0
Grain	1,447.2	1,432.7	1,428.5	1,415.4	1,400.0
Paint	1,500.7	1,545.8	1,540.1	1,527.6	1,515.1
Paper	1,459.4	1,447.6	1,444.5	1,430.1	1,415.4
Petroleum products	1,652.5	1,640.4	1,637.0	1,625.9	1,615.8
Rubber	1,596.2	1,581.5	1,579.3	1,564.2	1,551.0
Related industries					
Electrical power	1,451.2	1,434.9	1,419.3	1,414.0	1,399.9
Mining, milling	1,599.7	1,579.4	1,575.7	1,569.1	1,552.1
Refining	1,627.6	1,609.3	1,604.8	1,596.9	1,572.2
Steam power	1,523.0	1,506.4	1,502.3	1,488.0	1,475.0

Annual Index:

2003 = 1,123.6	2004 = 1,178.5	2005 = 1,244.5	2006 = 1,302.3
2007 = 1,373.3	2008 = 1,448.3	2009 = 1,468.8	2010 = 1,457.4

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CURRENT TRENDS

Capital equipment prices, as reflected in the CE Plant Cost Index (CEPCI), increased approximately 1.14% on average from March to April. Meanwhile, according to the American Chemistry Council's (Washington, D.C.; www.americanchemistry.com) most recent weekly economic report at CE press time, industrial production increases in May were led by pharmaceuticals and specialty chemicals, while production actually fell in basic chemicals.

Visit www.che.com/pci for more information and other tips on capital cost trends and methodology.

Marshall And Swift Cost Guide

Raffaella Di Napoli



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