

## ANOTHER GOOD YEAR

Profits for U.S. chemical producers were even stronger in 2005 than they were in 2004

RANK			CHEMICAL SALES (\$ MILLIONS)	CHANGE FROM 2004	CHEMICAL SALES AS % OF TOTAL SALES	HEADQUARTERS	CHEMICAL OPERATING PROFITS* (\$ MILLIONS)	CHANGE FROM 2004	CHEMICAL OPERATING PROFITS AS % OF TOTAL OPERATING PROFIT	OPERATING PROFIT MARGIN <sup>b</sup>	IDENTIFIABLE CHEMICAL ASSETS (\$ MILLIONS)	CHEMICAL ASSETS AS % OF TOTAL ASSETS	OPERATING RETURN ON ASSETS <sup>c</sup>
2005	2004	COMPANY	2005	2004	% OF TOTAL SALES			2004	% OF TOTAL OPERATING PROFIT			% OF TOTAL ASSETS	RETURN ON ASSETS <sup>c</sup>
1	1	Dow Chemical	\$46,307.0	15.3%	100.0%	Midland, Mich.	\$5,413.0	56.5%	100.0%	11.7%	\$45,934.0	100.0%	11.8%
2	3	ExxonMobil <sup>d</sup>	31,186.0	12.3	8.7	Irving, Texas	3,943.0	15.0	10.9	12.6	19,496.0	9.4	20.2
3	2	DuPont <sup>e</sup>	28,114.0	-6.7	99.8	Wilmington, Del.	na	na	na	na	18,155.0	98.3	na
		Lyondell											
4	13	Chemical	18,606.0	211.8	100.0	Houston	1,487.0	1,316.2	100.0	8.0	14,794.0	98.8	10.1
5	4	Huntsman Corp.	12,961.6	13.4	100.0	Salt Lake City	979.7	56.4	100.0	7.6	8,870.5	100.0	11.0
		The Woodlands,											
		Texas					934.0	32.1	100.0	8.7	6,960.0	100.0	13.4
6	6	Chevron Phillips	10,707.0	15.9	100.0	Pittsburgh	1,060.0	-0.7	99.5	13.3	5,622.0	64.8	18.9
7	8	PPG Industries	7,964.0	9.0	78.1	Allentown, Pa	998.5	8.9	99.6	12.9	9,776.2	93.9	10.2
8	9	Air Products <sup>f</sup>	7,742.5	9.8	95.1	Danbury, Conn.	1,948.0	17.3	100.0	25.4	10,491.0	100.0	18.6
9	10	Praxair <sup>e</sup>	7,656.0	16.1	100.0	Philadelphia	na	na	na	na	6,555.0	67.4	na
10	12	Rohm and Haas	7,064.0	9.2	88.4	Philadelphia	na	na	na	na	6,555.0	67.4	na
		Eastman											
11	11	Chemical	7,059.0	7.3	100.0	Kingsport, Tenn.	788.0	110.7	100.0	11.2	5,773.0	100.0	13.6
12	7	General Electric	6,606.0	8.9	4.4	Fairfield, Conn.	867.0	53.2	3.7	13.1	na	na	na
13	15	Celanese	6,070.0	19.7	100.0	Dallas	644.0	157.6	100.0	10.6	7,445.0	100.0	8.7
		Occidental											
14	16	Petroleum	4,641.0	26.3	30.5	Los Angeles	607.0	46.6	8.3	13.1	3,845.0	14.7	15.8
		Hexion Specialty											
15	34	Chemicals	4,470.0	121.4	100.0	Columbus, Ohio	262.0	269.0	100.0	5.9	3,209.0	100.0	8.2
16	14	Mosaic <sup>g</sup>	4,396.7	85.2	100.0	Plymouth, Minn.	318.5	314.7	100.0	7.2	8,444.0	100.0	3.8
17	20	Lubrizol	4,039.2	28.0	100.0	Wickliffe, Ohio	417.8	38.9	100.0	10.3	4,366.3	100.0	9.6
18	18	Dow Corning	3,878.7	15.0	100.0	Midland, Mich.	na	na	na	na	5,144.8	100.0	na
19	21	Nalco	3,312.4	9.2	100.0	Naperville, Ill.	424.9	45.7	100.0	12.8	5,552.4	100.0	7.7
20	17	Honeywell	3,234.0	-7.5	11.7	Morristown, N.J.	257.0	39.7	7.5	7.9	4,732.0	14.7	5.4
21	19	Monsanto <sup>h</sup>	3,042.0	-4.3	48.3	St. Louis	na	na	na	na	4,199.0	39.7	na
22	23	Chemtura	2,938.3	23.2	98.4	Middlebury, Conn.	377.3	101.4	100.8	12.8	4,986.0	100.0	7.6
		West Paterson,											
		N.J.					190.8	15.5	100.0	6.5	3,810.5	100.0	5.0
23	33	Cytec Industries	2,925.7	70.0	100.0	St. Louis	53.0	nm	100.0	1.9	1,984.0	100.0	2.7
24	22	Solutia	2,825.0	4.7	100.0	St. Louis	53.0	nm	100.0	1.9	1,984.0	100.0	2.7
		Rockwood											
25	36	Specialties	2,751.6	72.3	88.2	Princeton, N.J.	na	na	na	na	4,158.2	86.4	na
26	24	W.R. Grace	2,569.5	13.7	100.0	Columbia, Md.	339.4	1.5	100.0	13.2	3,517.2	100.0	9.6
		Westlake											
27	30	Chemical	2,441.1	23.0	100.0	Houston	367.0	51.1	100.0	15.0	1,827.2	100.0	20.1
28	27	Sunoco	2,440.0	11.1	7.2	Philadelphia	152.0	-0.7	9.6	6.2	1,583.0	15.9	9.6
29	26	Engelhard	2,421.9	9.9	52.7	Iselin, N.J.	304.5	4.1	102.0	12.6	2,313.9	59.7	13.2
30	25	Georgia Gulf	2,273.7	3.1	100.0	Atlanta	162.7	-14.5	100.0	7.2	1,001.0	100.0	16.3
31	28	FMC Corp.	2,150.2	4.8	100.0	Philadelphia	279.9	22.3	100.0	13.0	2,740.0	100.0	10.2
32	31	Cabot Corp. <sup>i</sup>	2,125.0	9.9	100.0	Boston	134.0	-35.3	100.0	6.3	2,374.0	100.0	5.6
33	38	Albemarle	2,107.5	39.2	100.0	Richmond, Va.	162.0	31.4	100.0	7.7	2,547.2	100.0	6.4
34	29	Hercules	2,068.8	3.6	100.0	Wilmington, Del.	238.8	-8.9	100.0	11.5	2,568.8	100.0	9.3
35	39	Terra Industries	1,930.6	28.1	100.0	Sioux City, Iowa	83.8	-26.9	100.0	4.3	1,523.6	100.0	5.5
36	—	CF Industries	1,908.4	15.6	100.0	Long Grove, Ill.	152.2	-12.7	100.0	8.0	1,228.1	100.0	12.4
37	41	Ashland <sup>j</sup>	1,763.0	27.2	19.0	Covington, Ky.	134.0	54.0	18.0	7.6	997.0	14.6	13.4
38	40	H.B. Fuller <sup>k</sup>	1,512.2	7.3	100.0	St. Paul, Minn.	87.3	28.0	100.0	5.8	1,107.6	100.0	7.9
39	46	ISP	1,385.0	16.1	100.0	Wayne, N.J.	na	na	na	na	na	na	na
40	42	Wellman	1,376.9	5.5	100.0	Shrewsbury, N.J.	54.7	127.9	100.0	4.0	1,098.7	100.0	5.0
41	43	Tronox	1,364.0	4.8	100.0	Oklahoma City	105.0	360.5	100.0	7.7	1,758.3	100.0	6.0
42	45	Arch Chemicals	1,305.1	16.4	100.0	Norwalk, Conn.	63.2	40.8	100.0	4.8	1,061.9	100.0	6.0
43	44	Kronos Worldwide	1,196.7	6.0	100.0	Dallas	176.1	55.4	100.0	14.7	1,298.9	100.0	13.6
44	48	Stepan	1,078.4	15.2	100.0	Northfield, Ill.	25.5	32.8	100.0	2.4	516.2	100.0	4.9
45	49	NewMarket Corp.	1,075.5	20.3	100.0	Richmond, Va.	38.1	136.6	100.0	3.5	701.5	100.0	5.4
46	—	Sigma-Aldrich	999.9	29.0	60.0	St. Louis	na	na	na	na	na	na	na
47	—	Kraton Polymers	952.9	20.4	100.0	Houston	110.7	320.9	100.0	11.6	966.5	100.0	11.5
		Texas											
48	—	Petrochemicals <sup>l</sup>	936.3	43.3	100.0	Houston	57.4	76.1	100.0	6.1	303.8	100.0	18.9
49	—	Arsenal Capital	880.0	24.1	60.0	New York City	na	na	na	na	na	na	na
50	—	Phelps Dodge	743.3	10.3	9.0	Phoenix	34.7	0.3	2.0	4.7	650.4	6.3	5.3

a Operating profit is sales less administrative expenses and cost of sales. b Chemical operating profit as a percentage of sales. c Chemical operating profit as a percentage of identifiable chemical assets. d Profits and profitability ratios are after tax. e Sales include a significant amount of nonchemical products. f Fiscal year ended Sept. 30. g Fiscal year ended May 31. h Fiscal year ended Aug. 31. i Fiscal year ended Dec. 31. j Fiscal year ended June 30. na = not available. nm = not meaningful.