

No	Company	Rank	Country	R&D Investment			Net Sales			Employees			R&D/Net Sales Ratio			Operating Profit			R&D per Employee			Market Capitalisation			Capital Expenditures		
				2008 €m	Change 08/07 %	CAGR 3yrs %	2008 €m	Change 08/07 %	CAGR 3yrs %	2008 #	Change 08/07 %	CAGR 3yrs %	2008 %	2007 %	% of Net Sales	2008 €K	2007 €K	2008 €m	Change 08/07 %	2008 %	2007 %						
<b>Oil &amp; gas producers (53)</b>				1,747.38	6.3	18.6	73,278	-24.4	15.3	305,822	13.0	4.0	2.4	1.7	22.0	16.0	5.0	5.3	99,685	-46.3	14.7	9.4					
number of companies for calculation				10	10	10	10	10	9	10	8	10	10	10	9	10	8	10	8	10	9	9					
1	PetroChina	76	China	818.26	46.0	34.4	112,948	28.3	24.7	477,780	2.4	2.8	0.7	0.6	13.5	23.4	1.7	1.2	255,170	-4.7	22.6	21.1					
2	Petroleo Brasileiro	88	Brazil	676.99	6.8	33.1	85,078	34.8	28.0	74,240	7.7	11.3	0.8	1.0	20.8	22.7	9.1	9.2	123,778	-17.9	25.3	23.9					
3	Exxon Mobil	98	USA	609.36	4.1	6.0	305,810	18.5	9.0	104,700	-2.2	-0.4	0.2	0.2	19.4	19.8	5.8	5.5	235,832	-18.5	4.5	4.3					
4	Chevron	100	USA	600.73	48.6	38.3	190,619	23.8	15.3	67,000	3.1	4.3	0.3	0.3	15.9	14.3	9.0	6.2	99,021	-19.7	7.4	8.9					
5	Gazprom	127	Russia	470.10	28.8	45.0	82,913	47.2	36.5	456,000	4.6	4.7	0.6	0.6	35.3	32.2	1.0	0.8	86,346	-49.5	20.3	23.8					
6	China Petroleum & Chemical	152	China	361.36	0.2	15.2	153,118	20.5	20.8	358,304	7.2	-0.6	0.2	0.3	-0.9	7.2	1.0	1.1	105,761	10.5	0.2	0.7					
7	StatoilHydro	230	Norway	230.47	13.9	28.1	86,990	25.0	18.6	28,001	-5.1	3.0	0.3	0.4	30.3	26.3	8.2	6.9	49,914	-24.1	10.0	10.0					
8	ConocoPhillips	301	USA	150.38	30.6	18.7	158,423	30.7	10.9	33,800	3.7	-1.7	0.1	0.1	-1.2	13.3	4.4	3.5	46,696	-47.1	8.7	7.0					
9	Idemitsu Kosan	357	Japan	122.96	11.4	10.3	30,669	13.8	11.8	7,503	0.4	0.4	0.4	0.4	1.2	2.9	16.4	14.8	2,438		2.0	2.0					
10	Nippon Oil	423	Japan	100.74	0.5	3.5	59,715	13.6	15.2	12,697	-3.9	-1.8	0.2	0.2	3.6	2.6	7.9	7.6	6,109	-1.6	1.6	1.7					
11	Nippon Mining	443	Japan	93.33	17.0	13.4	34,441	14.1	20.1	10,316	3.5	0.3	0.3	0.3	4.4	5.6	9.0	8.0	3,509	-8.5	2.4	2.1					
12	Lukoil	559	Russia	68.35	58.3		77,488	31.5	24.5	152,500	0.7		0.1	0.1	12.9	16.2	0.4	0.3	28,926		9.8	11.1					
13	Sasol	628	South Africa	59.22	10.3	49.7	10,112	32.4	23.3	33,928	6.5	4.2	0.6	0.7	25.6	24.6	1.7	1.7	16,297	-35.2	8.5	12.3					
14	CNOOC	688	Hong Kong	53.47	5.2	8.1	13,284	38.9	23.5	3,584	9.0	10.0	0.4	0.5	43.2	46.3	14.9	15.5	44,534	2.4	27.2	21.1					
15	Reliance Industries	789	India	45.52	-5.1	138.9	20,253	20.5	27.2	25,487	3.2	28.1	0.2	0.3	17.0	13.6	1.8	1.9	47,978	-14.4	4.8	8.4					
16	SK Energy	793	South Korea	45.30	4.2	7.3	30,049	28.4	33.9				0.2	0.2	3.8	2.9			5,578	-12.4	2.9	6.2					
<b>Oil equipment, services &amp; distribution (57)</b>				1,747.38	6.3	18.6	73,278	-24.4	15.3	305,822	13.0	4.0	2.4	1.7	22.0	16.0	5.0	5.3	99,685	-46.3	14.7	9.4					
number of companies for calculation				10	10	10	10	10	9	10	8	10	10	10	9	10	8	10	8	10	9	9					
1	Schlumberger	102	USA	589.07	12.4	17.4	19,542	16.7	23.8	87,000	8.7	13.2	3.0	3.1	25.7	28.8	6.8	6.6	46,001	-44.3	13.7	12.6					
2	Baker Hughes	181	USA	306.48	14.5	31.3	8,535	13.8	18.2	39,800	11.2	11.0	3.6	3.6	20.0	21.8	7.7	7.5	8,242	-53.8	11.0	10.8					
3	Halliburton	227	USA	234.54	0.6	10.6	13,151	4.4	-4.5	57,000	11.8	-18.7	1.8	1.8	21.6	20.0	4.1	4.6	15,245	-46.1	10.0	9.0					
4	SK	239	South Korea	216.15	-13.4		5,079	-86.5					4.3	0.7	48.0	7.3			3,107		58.2	7.0					
5	Weatherford International	328	USA	138.61	13.8	21.5	6,907	22.6	30.2	50,000	31.6	25.8	2.0	2.2	19.9	20.2	2.8	3.2	10,235	-46.1	25.9	20.9					
6	Smith International	444	USA	93.10	16.9	20.7	7,749	22.9	24.5	25,709	29.4	20.5	1.2	1.3	15.2	15.6	3.6	4.0	4,222	-59.4	4.1	4.1					
7	BJ Services	713	USA	51.80	6.6	9.9	3,904	13.0	18.7	18,000	7.8	9.8	1.3	1.4	16.5	23.8	2.9	2.9	3,165	-45.0	11.2	15.7					
8	Cameron International	745	USA	49.40	15.2	25.9	4,208	25.3	32.4	17,100		11.9	1.2	1.3	15.3	15.2	2.9		5,304								
9	ION Geophysical	927	USA	35.64	7.0	34.7	489	-4.7	23.3	1,413	17.7	20.7	7.3	6.5	-31.3		8.8	25.2	27.7	238	-79.0	2.6	1.6				
10	FMC Technologies	981	USA	32.59	-23.9	-4.2	3,715	11.3	17.0	9,800	-24.6	-0.7	0.9	1.3	10.5	10.1	3.3	3.3	3,927	-21.8	3.2	4.4					
<b>Chemicals (135)</b>				12,036.15	9.3	6.5	417,631	8.2	8.6	884,044	3.3	2.5	2.9	2.9	7.9	9.7	13.3	12.3	33.3	297,816	-14.1	7.1	8.1				
number of companies for calculation				72	72	70	72	72	70	69	64	72	72	72	70	70	64	69	69	69	69	69					
1	DuPont	59	USA	1,002.17	-4.1	1.4	21,864	3.9	4.6	60,000	0.0	0.0	4.6	4.6	9.2	13.5		16.7	16.0	21,037	-25.2	6.5	5.4				
2	Dow Chemical	64	USA	942.46	0.4	6.9	41,377	7.5	7.5	46,102	0.5	2.8	2.3	2.4	3.3	8.3	20.4	20.5	18,207	-15.4	4.0	3.9					
3	Mitsubishi Chemical	88	Japan	889.41	22.9	7.9	23,253	11.7	10.2	25,204	-8.4	-8.8	3.8	3.5	3.8	5.2	35.3	26.3	5,227	-11.4	5.9	4.3					
4	Sumitomo Chemical	73	Japan	836.52	7.9	10.5	15,052	6.0	13.5	25,588	3.6	8.2	5.6	5.5	5.2	8.2	32.7	31.4	6,043	-19.6	6.7	8.8					
5	Monsanto	85	USA	705.04	25.6	18.6	8,330	34.5	22.5	21,700	15.4	9.6	8.5	9.1	25.3	15.9	32.5	29.8	31,907	-24.9	7.9	5.9					
6	Syngenta	86	Switzerland	697.13	16.7	5.6	8,363	25.8	12.8	24,148	10.0	7.7	8.3	9.0	16.0	14.5	28.9	27.2	15,540	-17.5	4.2	3.4					
7	Asahi Kasei	135	Japan	445.80	7.1	3.5	13,467	4.5	7.2	23,854	0.6	0.0	3.3	3.2	6.7	7.6	18.7	17.5	5,120	9.7	4.1	4.8					
8	Shin-Etsu Chemical	147	Japan	380.52	14.9	19.7	10,924	5.5	12.5	20,241	5.5	3.7	3.5	3.2	21.5	19.0	18.8	17.3	16,753	-7.0	18.5	14.2					
9	Toray Industries	151	Japan	363.71	8.4	7.6	13,093	6.7	8.3	38,565	5.5	4.6	2.8	2.7	5.4	5.9	9.4	9.2	5,952	27.9	8.8	8.0					
10	Mitsui Chemicals	165	Japan	334.37	14.0	6.5	14,180	5.8	13.3	12,814	2.4	1.6	2.4	2.2	3.4	5.4	26.1	23.4	2,282	-22.4	4.8	4.0					
11	PPG Industries	169	USA	324.46	33.0	13.4	11,402	28.9	15.8	44,900	28.7	13.4	2.8	2.8	7.1	11.4	7.2	7.0	6,476	-10.5	2.4	2.9					
12	Teijin	190	Japan	287.96	3.4	6.5	8,227	2.7	4.5	19,125	0.4	0.3	3.5	3.5	1.6	6.2	15.1	14.6	2,489	15.4	7.6	6.9					
13	Rohm & Haas (now part of Dow Chemi	226	USA	235.25	10.5	6.2	6,889	7.5	6.2	15,490	-1.4	-2.1	3.4	3.3	7.7	11.0	15.2	13.6			5.4	4.7					
14	Nitto Denko	271	Japan	175.37	1.7	9.7	5,915	9.6	13.1	33,663	35.9	27.3	3.0	3.2	10.5	10.2	5.2	7.0	3,906	0.0	9.0	11.4					
15	Showa Denko	282	Japan	159.31	15.4	4.9	7,967	-1.9	7.3	11,756	3.8	1.9	2.0	1.7	0.6	6.1	13.6	12.2	1,732	-14.9	5.4	7.1					
16	Ciba (now part of BASF, Germany)	289	Switzerland	155.47	-12.2	-8.6	4,001	-9.3	-7.3	12,467	-6.4	-13.3	3.9	4.0	-7.2	3.2	12.5	13.3	2,277	53.8	4.2	4.1					
17	JSR	298	Japan	151.73	9.9	6.0	3,220	11.2	10.0	5,122	9.1	5.5	4.7	4.8	14.0	14.5	29.6	29.4	3,337	5.1	6.7	7.2					
18	Kaneka	338	Japan	131.84	-1.5	1.8	3,962	6.3	4.7	7,498	0.9	4.1	3.3	3.6	6.6	6.8	17.6	18.0	1,850	22.6	6.6	7.4					
19	Clariant	351	Switzerland	124.37	-12.8	-5.5	5,456	-6.3	-0.5	20,102	-4.0	-4.9	2.3	2.4	2.6	2.8	6.2	6.8	1,299	-16.8	3.3	3.6					
20	DIC	354	Japan	123.68	0.5	-0.7	8,555	6.1	2.4	25,164	-1.0	-2.0	1.4	1.5	4.0	4.1	4.9	4.8	957	-27.4	4.1	3.6					
21	Kuraray	362	Japan	121.03	27.1	3.2	3,314	8.4	5.6	6,770	-0.6	-0.7	3.7	3.1	9.1	7.2	17.9	14.0	3,032	5.1	10.6	8.5					
22	Eastman Chemical	381	USA	113.67	1.3	-0.8	4,960	-6.5	-0.8	10,500	-2.8	-4.4	2.3	2.1	7.3	6.1	10										

37	Nippon Kayaku	470	Japan	85.51	-1.1	4.3	1,150	-2.2	2.6	4,221	-4.6	1.4	7.4	7.4	8.8	9.2	20.3	19.6	1,111	37.0	9.8	11.6	
38	Air Products and Chemicals	519	USA	76.04	-24.6	-7.3	7,870	8.0	10.3	21,100	-4.5	1.5	1.0	1.4	12.0	15.0	3.6	4.6	11,231	-18.6	9.9	10.4	
39	Praxair	550	USA	69.79	-1.0	6.6	7,767	14.8	12.1	26,936	-3.8	-0.5	0.9	1.0	17.6	18.9	2.6	2.5	17,143	-15.3	14.9	14.6	
40	Valspar	553	USA	69.46	6.9	6.8	2,505	7.2	8.7	9,400	-6.0	7.6	2.8	2.8	8.2	9.9	7.4	6.5	1,828	18.8	1.2	2.4	
41	Avery Dennison	564	USA	67.63	-1.6	3.3	4,828	6.4	7.0	35,700	-3.5	16.5	1.4	1.5	6.1	7.7	1.9	1.9	2,225	-34.9	1.9	3.0	
42	FMC	566	USA	67.48	-0.9	-0.2	2,241	18.3	13.2	5,000	0.0	0.0	3.0	3.6	15.8	8.6	13.5	13.6	2,694	-29.0	5.6	4.4	
43	Denki Kagaku Kogyo	576	Japan	66.18	-5.3	-0.6	2,613	6.9	9.5	4,686	-0.9	-0.9	2.5	2.9	7.9	7.5	14.1	14.8	1,244	25.1			
44	Tokyo Ohka Kogyo	589	Japan	64.25	24.8	11.8	812	0.3	4.8	1,850	1.9		7.9	6.4	8.0	11.3	34.7	28.4	784	30.9	7.8	8.7	
45	Nippon Paint	592	Japan	63.65	13.7	4.5	2,057	14.8	8.5	5,814	3.2	10.6	3.1	3.1	4.5	8.5	10.9	9.9	1,095	68.0	4.2	3.8	
46	Tokai Rubber Industries	599	Japan	62.77	5.3	5.6	2,476	11.3	12.3	11,836	11.6	7.1	2.5	2.7	8.2	8.4	5.3	5.6	942	10.2	8.5	7.1	
47	Ecotab	607	USA	61.87	4.1	7.9	4,416	12.2	10.6	26,500	1.7	5.8	1.4	1.5	11.0	12.2	2.3	2.3	7,202	-8.7	5.3	5.6	
48	Toyo Ink Manufacturing	623	Japan	59.95	173.4	31.9	2,043	4.9	3.9	6,747			2.9	1.1	3.4	5.6	8.9		768		7.0	6.0	
49	WR Grace	626	USA	59.50	3.9	11.8	2,386	6.5	8.9	6,300	-3.1	-0.5	2.5	2.6	5.7	4.6	9.4	8.8	935	-31.1	4.0	4.4	
50	Adelco	632	Japan	58.84	5.7	4.6	1,524	10.2	8.1	2,556	5.9		3.9	4.0	8.1	7.5	23.0	23.1	679	22.6	5.5	5.4	
51	NewMarket	633	USA	58.82	6.4	7.7	1,164	17.6	14.6	1,280	5.1	4.4	5.1	5.6	7.6	8.4	46.0	45.4	869	20.8	2.0	2.3	
52	Cytec Industries	635	USA	58.71	7.8	6.0	2,619	3.9	7.6	6,700	-1.5	-2.8	2.2	2.2	-3.2	9.3	8.8	8.0	962	-47.4	5.4	3.3	
53	Celanese	651	USA	57.56	9.6	-4.2	4,909	2.7	4.0	8,350	-0.6	-3.5	1.2	1.1	5.6	12.4	6.9	6.3	2,824	-27.7	4.0	4.3	
54	Cabot	693	USA	53.24	7.3	7.8	2,296	22.0	14.5	4,300	0.0	-0.8	2.3	2.6	4.7	7.1	12.4	11.5	950	-22.3	6.2	5.4	
55	Hexion Specialty Chemicals	702	USA	52.52	4.3	5.6	4,384	4.9	10.9	6,800	6.3	-1.0	1.2	1.2	-14.7	5.0	7.7	7.9			2.2	2.1	
56	Kureha	710	Japan	51.93	-4.7	0.4	1,189	2.4	4.7	3,882	3.5	0.8	4.4	4.7	7.2	6.7	13.4		825	9.3			
57	Ishihara Sangyo Kaisha	722	Japan	51.25	0.9	1.5	931	10.5	6.7	1,852	0.1	-0.9	5.5	6.0	5.8	-7.6	27.7	27.4	311	-25.6	4.6	5.3	
58	Sika	734	Switzerland	50.09	19.0		3,126	1.1	16.6	12,900	10.0	10.0	1.6	1.4	9.3	11.3	3.9	3.6	2,068	-6.3	4.1	3.9	
59	LINTEC	737	Japan	49.70	24.9	11.2	1,606	5.0	5.6	3,802	2.5	3.6	3.1	2.6	7.0	7.4	13.1	10.7			7.3	6.0	
60	Albemarle	757	USA	48.41	7.3	17.3	1,775	5.6	5.4	4,130	0.0	3.7	2.7	2.7	11.4	14.6	11.7	10.9	2,124	-17.7	4.0	4.2	
61	Sigma-Aldrich	776	USA	46.40	8.8	9.0	1,583	7.9	9.7	7,925	0.8	5.0	2.9	2.9	22.9	22.5	5.9	5.4	4,603	-18.2	4.1	3.9	
62	Kansai Paint	788	Japan	45.65	9.1	1.3	2,036	11.0	9.2	7,724	11.4	6.5	2.2	2.3	9.7	10.2	5.9	6.0	1,596	32.9	4.6	4.1	
63	Nippon Soda	797	Japan	44.92	4.7	2.0	1,251	8.4	3.0	2,389	-2.5		3.6	3.7	6.6	4.6	18.8	17.5	559	16.3	3.0	3.1	
64	Taogosei	884	Japan	37.72	-0.9	-3.4	1,291	-0.1	2.4	2,617	2.5	1.2	2.9	2.9	5.1	6.7	14.4	14.9	627	-13.5	4.0	4.6	
65	NOVA Chemicals (now part of International Paper)	892	Canada	37.41	4.0	1.3	5,299	9.4	9.5	2,859	1.1	-7.5	0.7	0.7	-1.0	8.2	13.1	12.8			2.3	2.3	
66	Ashland	892	USA	37.41	4.0	4.9	6,030	7.7	-5.3	11,900	1.7	-0.6	0.6	0.6	2.6	3.2	3.1	3.1	1,821	2.3	2.4	2.0	
67	Rockwood	897	USA	37.20	13.7	-5.3	2,471	2.6	3.2	10,200	4.1	-17.1	1.5	1.4	-1.4	2.6	3.3	3.3	1,082	-46.7	6.5	5.8	
68	Sanyo Chemical Industries	898	Japan	37.16	3.1	4.7	1,073	10.5	13.1	1,675	3.2	6.2	3.5	3.7	3.7	5.2	22.2	22.2	489	17.9	6.3	10.6	
69	Chemtura	910	USA	36.69	-17.8	0.5	2,551	-9.7	4.3	4,700	-7.8	-10.7	1.4	1.6	-26.2	2.2	7.8	8.7	89	-92.1	3.4	3.0	
70	Cheng Shin Rubber Industry	976	Taiwan	32.89	274.6	25.9	1,668	345.1	26.9						2.0	2.3	8.0	35.6		2,107			
71	EMS-Chemie	982	Switzerland	32.55	-9.9	1.5	1,017	-3.1	5.3	2,165	-3.0	1.8	3.2	3.4	15.0	17.8	15.0	16.2	1,753	-22.1	4.2	4.6	
72	Hercules (now part of Ashland)	1000	USA	31.51	12.9	0.6	1,537	4.8	2.3	4,660	5.2	-2.0	2.1	1.9	9.7	3.6	6.8	6.3			5.5	4.6	
<b>Forestry &amp; paper (173)</b>		<i>number of companies for calculation</i>		143.53	-0.7	-1.7	20,080	3.7	2.3	33,722	4.9	1.3	0.7	0.7	3.2	4.3	4.5	5.69		-10.9	8.8	8.0	
				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1	Oji Paper	450	Japan	92.07	1.8	0.3	10,464	4.2	3.6	20,056	2.5	2.5	0.9	0.9	2.5	3.72	4.6	4.6		3.72	-15.2	7.7	7.9
2	Nippon Paper	721	Japan	91.46	-4.7	-5.0	9,617	3.1	0.9	13,666	8.6	-0.3	0.5	0.6	1.9	3.4	3.8	4.3	2,197	-3.3	9.9	8.1	
				2,064.61	12.2	10.3	200,994	4.7	9.8	386,675	0.3	-0.8	1.0	1.0	4.8	15.4	5.3	4.8	118,640	-25.9	8.3	8.4	
<b>Industrial metals &amp; mining (175)</b>		<i>number of companies for calculation</i>		15	15	14	15	15	15	15	15	13	15	15	15	15	15	15	15	15	14	14	
1	Nippon Steel	154	Japan	359.76	9.9	7.6	38,310	12.2	12.5	15,083	5.1	0.0	0.9	1.0	12.2	14.0	23.9	22.8	19,921	-17.3			
2	JFE	175	Japan	313.36	3.5	2.0	28,094	8.6	8.1	56,888	5.7	2.6	1.1	1.2	12.8	15.8	5.5	5.6	17,009	-8.3	6.3	5.7	
3	POSCO	196	South Korea	283.30	28.6	30.0	23,843	32.1	16.6	29,730	4.2	1.0	1.2	1.2	16.8	15.5	9.5	7.7	24,455	-19.7	9.8	22.8	
4	Kobe Steel	221	Japan	239.20	21.1	15.2	16,924	11.6	13.9	33,657	5.7	7.5	1.4	1.3	8.2	10.0	7.1	6.2	4,347	-22.8	6.9	6.5	
5	ALCOA	269	USA	176.98	-1.2	8.2	20,230	-8.6	2.4	87,000	-18.7	-12.3	0.9	0.8	2.6	9.8	2.0	1.7	9,302	-50.0	12.2	11.8	
6	Sumitomo Metal Industries	281	Japan	159.55	7.1	10.9	13,846	8.9	12.1	24,926	-0.2	-0.4	1.2	1.2	16.8	20.3	6.4	6.0	9,171	-38.8	10.3	7.9	
7	Mitsubishi Materials	448	Japan	92.67	5.1	3.8	13,169	14.3	19.0	19,467	-0.8	-0.3	0.7	0.8	7.7	6.9	4.8	4.5	2,672	-20.6	4.5	4.4	
8	USEC	497	USA	79.28	-13.4	5.3	1,162	-16.3	1.2	2,978	3.9	2.5	6.8	6.6	4.0	6.0	26.6	32.0	385	-4.8	27.4	7.1	
9	OneSteel	522	Australia	75.39	128.7	53.0	3,729	72.9	23.6	11,678	55.2	16.5	2.0	1.5	6.9	7.7	6.5	4.4	2,524	-29.6	3.5	7.7	
10	Mitsui Mining & Smelting	578	Japan	65.99	13.0	12.2	4,726	0.7	10.8	11,369	9.3	5.4	1.4	1.2	3.6	8.1	5.8	5.6	1,305	12.1	6.7	6.7	
11	Norsk Hydro	605	Norway	62.27	19.5	-5.4	9,167	-46.4	-20.0	23,074	-20.2	-11.9	0.7	0.3	0.9	25.2	2.7	1.8	5,289	-45.1	4.6	2.2	
12	Nippon Light Metal	774	Japan	46.49	6.4	1.9	5,142	4.8	5.0	14,084	4.4	2.9	0.9	0.9	0.3	4.5	3.3	3.2	436	-20.5	3.8	3.0	
13	Nisshin Steel	817	Japan	43.41	9.0	12.6	5,155	1.3	6.6	6,210	-0.4		0.8	0.8	8.5	9.5	7.0	6.4	1,620	-20.8	5.1	4.6	
14	Daido Steel	932	Japan	35.30	3.1	12.9	4,684	13.2	11.3	11,131	4.4		0.8	0.8	6.5	6.7	3.2	3.2	1,347	-15.4	4.2	4.7	
15	Freeport-McMoRan Copper & Gold	996	USA	31.66	33.4		12,803	-0.4	62.1	39,600	55.9	38.8	0.2	0.2	-71.5	38.5	0.8	0.9	18,857		15.2	7.5	
				1,003.08	46.6	50.3	45,066	17.5	38.1	127,247	4.3	17.5	2.2	1.8	31.2	32.4	7.9	8.6	84,247	-12.0	17.9	15.6	
<b>Mining (177)</b>		<i>number of companies for calculation</i>		4	3	4	4	3	4	4	1	4	3	4	4	4	3	3	3	3	4	4	
1	Vale Do Rio Doce (now Vale)	79	Brazil	780.58	48.0	57.6	26,925	16.1	43.0	62,490	9.5	17.5	2.9	2.3	40.4	40.9	12.5	9.2	76,484	-14.6	24.0	20.6	
2	China Coal Energy	372	China	115.99			5,377	40.0		50,805	-1.4		2.2		19.3	23.5	2.3				16.6		
3	Dowa	645	USA	58.01	66.7	34.7	3,776	3.7	23.2	4,166	9.0		1.5	1.0	9.0	10.3	13.9	9.1	1,139	-16.8	5.8	4.4	
4	Sumitomo Metal Mining	754	Japan	48.50	13.3	8.3	8,987	17.1	32.7	9,786	2.5		0.5	0.6	19.9	21.5	5.0	4.5	6,625	36.1	5.7	5.0	
				2,083.44	19.4	5.5	209,763	17.5	2.0	955,910	-0.9	-0.2	1.0	1.0	2.2	4.4	2.1						



26	Crown	956	USA	33.81	-2.1	0.0	5,975	7.5	6.3	21,300	-2.3	-3.9	0.6	0.6	9.3	5.4	1.6	1.6	2,960	-4.3	2.1	2.0
27	Mitsui	998	Japan	31.61	1.2	-11.0	45,547	17.6	17.6	42,621	2.1	3.7	0.1	0.1	8.3	5.4	0.7	0.7	17,827	-23.0	4.9	6.7
<b>Support services (279)</b>				<b>1,039.26</b>	<b>10.0</b>	<b>7.2</b>	<b>48,046</b>	<b>7.2</b>	<b>10.7</b>	<b>423,034</b>	<b>2.5</b>	<b>8.3</b>	<b>2.2</b>	<b>2.1</b>	<b>11.9</b>	<b>13.2</b>	<b>2.4</b>	<b>2.2</b>	<b>51,122</b>	<b>-10.7</b>	<b>3.0</b>	<b>3.2</b>
				<i>number of companies for calculation</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>	<i>g</i>
1	Automatic Data Processing	148	USA	378.35	8.2	7.2	6,314	-5.8	1.1	47,000	2.2	2.2	6.0	5.2	19.7	18.3	8.1	7.6	13,887	-14.9	2.1	1.9
2	Accenture	199	Bermuda	280.70	26.9	17.0	18,212	18.0	14.0	196,000	9.4	14.8	1.5	1.4	11.9	11.6	1.5	1.3	15,962	-11.4	1.3	1.7
3	NSK	484	Japan	81.27	1.4	1.5	6,127	7.6	9.9	25,099	7.1	6.5	1.3	1.4	8.5	8.1	3.2	3.4	2,553	-9.8	6.1	5.4
4	Fidelity National Information	617	USA	61.01	-20.2	-9.3	3,178	-7.2	55.5	26,000	-16.1	10.4	1.9	2.2	-7.4	16.0	2.3	2.5	3,365	7.0	1.7	2.4
5	Fleerv	693	USA	53.24	29.8	14.0	3,506	-3.0	6.3	20,000	-20.0	-3.1	1.5	1.1	18.2	15.6	2.7	1.6	5,343	-9.4	4.1	3.2
6	Naico	693	USA	53.24	12.5	8.1	3,031	7.7	8.3	11,770	1.8	2.6	1.8	1.7	-1.6	12.1	4.5	4.1	1,771	-23.2	3.2	2.9
7	Secom	783	Japan	45.97	-1.4	9.0	5,609	11.0	8.6	32,195	4.0	5.8	0.8	0.9	16.2	15.5	1.4	1.5	7,285	-3.5	6.4	7.3
8	Comvergys	783	USA	45.97	-27.5	-6.0	2,004	-2.1	2.6	75,000	0.0	4.5	2.3	3.1	-5.1	9.2	0.6	0.8	956	-19.2	3.6	3.6
9	Core Projects & Technologies	860	India	39.51	111.1		66	129.6					60.0	65.2	22.8	20.4					10.1	6.1
				<b>42,231.25</b>	<b>2.7</b>	<b>4.3</b>	<b>1,071,207</b>	<b>1.1</b>	<b>4.9</b>	<b>2,844,561</b>	<b>-1.7</b>	<b>-1.0</b>	<b>3.9</b>	<b>3.9</b>	<b>2.7</b>	<b>5.1</b>	<b>14.3</b>	<b>14.3</b>	<b>350,194</b>	<b>1.5</b>	<b>6.9</b>	<b>6.5</b>
<b>Automobiles &amp; parts (335)</b>				<i>number of companies for calculation</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>	<i>g1</i>
1	Toyota Motor	1	Japan	7,610.32	7.6	8.3	208,649	9.8	12.3	316,121	5.6	6.0	3.6	3.7	9.7	10.3	24.1	23.6	107,151	-2.1	10.5	11.8
2	General Motors (now Motors Liquidation)	4	USA	5,755.46	-1.2	6.1	107,180	-18.3	-8.2	243,000	-8.6	-10.1	5.4	4.4	-19.6	-2.2	23.7	21.9	407	-89.7	5.1	4.1
3	Ford Motor	7	USA	5,251.86	-2.7	-3.0	105,236	-15.2	-6.2	213,000	-13.4	-10.8	5.0	4.3	-2.7	3.5	24.7	21.9	18,146	131.5	4.6	3.5
4	Honda Motor	9	Japan	4,666.43	6.5	7.9	95,262	8.3	11.5	178,960	7.0	9.1	4.9	5.0	8.2	6.9	26.1	26.2	43,180	3.2	7.6	8.7
5	Nissan Motor	15	Japan	3,630.88	-1.6	4.7	85,908	3.4	8.1	180,535	-3.1	-0.6	4.2	4.4	6.9	6.5	20.1	19.8	24,858	-0.8	12.3	5.2
6	Denso	28	Japan	2,472.06	11.3	9.3	31,946	11.5	12.9	118,853	5.9	4.5	7.7	7.8	8.8	8.4	20.8	19.8	19,438	19.8	8.5	8.6
7	Delphi	46	USA	1,366.92	-5.0	-4.8	14,664	-22.1	-8.9	146,600	-13.5	-7.3	9.3	7.6	17.6	-10.8	9.3	8.5	19	-39.5	3.9	2.2
8	Hyundai Motor	51	South Korea	1,251.20	-0.1	10.5	45,546	10.7	10.7		2.7	3.2	3.8	3.2	4.2				13,264	7.7	6.2	6.3
9	Aisin Seiki	65	Japan	915.33	11.2	6.5	21,432	13.5	13.9	73,509	10.7	11.4	4.3	4.4	7.1	5.8	12.5	12.4	5,535	0.9	7.6	9.4
10	Mazda Motor	67	Japan	907.95	6.4	8.0	27,596	7.0	8.8	39,364	3.6	3.3	3.3	3.3	4.8	4.8	23.1	22.5	2,932	-46.6	2.3	2.4
11	Suzuki Motor	71	Japan	863.04	18.0	7.8	27,797	10.7	14.0	50,241	10.4	8.4	3.1	2.9	4.2	4.1	17.2	16.1	9,435	17.0	6.2	5.5
12	Bridgestone	82	Japan	740.11	7.5	5.5	25,670	-4.6	6.3	137,981	3.2	3.7	2.9	2.6	2.9	7.1	5.4	5.1	10,819	11.2	8.3	7.9
13	Yamaha Motor	89	Japan	675.33	-0.5	5.9	12,729	-8.7	5.3	49,761	6.2	8.1	5.3	4.9	2.5	6.6	13.6	14.5	2,366	-27.4	6.3	4.8
14	Fuj Heavy Industries	141	Japan	412.87	2.6	0.0	12,479	5.2	2.8	26,404	3.1	-0.7	3.3	3.4	2.4	3.8	15.6	15.7	2,551	-14.8	3.8	3.8
15	Visteon	176	USA	312.23	-14.9	-18.6	6,866	-15.7	-17.5	33,500	-19.3	-12.2	4.5	4.5	-3.8	-1.3	9.3	8.8	180	-28.8	3.1	3.3
16	Johnson Controls	182	USA	305.04	-13.6	0.7	27,383	9.8	11.5	140,000	0.0	7.1	1.1	1.4	3.9	5.1	2.2	2.5	10,838	-16.2	2.1	2.4
17	Toyota Industries	189	Japan	291.67	6.4	6.9	15,878	6.5	17.2	39,528	9.5	8.4	1.8	1.8	5.1	7.4	7.6	6.414	-4.6	6.8	8.3	
18	Mitsubishi Motors	201	Japan	274.50	-16.3	-20.5	21,287	21.8	8.1	33,202	-1.6	-3.5	1.3	1.9	2.7	1.5	8.3	9.7	7,059	16.8	3.2	5.1
19	Autoliv	207	USA	264.18	-7.2	-1.6	4,657	-4.4	1.4	34,000	-18.9	-0.1	5.7	5.8	4.8	6.8	6.8	2,042	-0.4	4.5	4.8	
20	Goodyear	208	USA	263.31	-1.6	0.1	14,020	-5.1	-0.4	74,700	3.8	-2.3	1.9	1.8	2.3	3.7	3.5	3.7	3,098	-7.4	5.4	3.6
21	Toyota Boshoku	215	Japan	251.73	20.1	27.7	9,792	13.9	39.3	26,942	9.3	2.6	2.4	2.4	5.6	4.7	9.3	8.5	2,551	2.1	4.1	
22	Calsonic Kansai	234	Japan	221.70	-2.8	2.4	6,615	18.9	6.2	14,881	0.9	-3.5	3.4	4.1	0.0	0.0	14.9	15.5	489	-24.9	4.8	5.5
23	Tata Motors	238	India	218.05	23.5	45.8	10,476	99.0	43.6	23,638	1.8	-7.2	2.1	3.4	-0.4	9.2	9.2	7.6	3,147	7.4	11.1	7.1
24	Toyoda Gosei	252	Japan	193.04	-3.9	2.3	4,710	19.1	14.3	23,925	26.9	15.6	4.1	5.1	5.4	3.9	8.1	10.7	2,790	30.6	8.9	9.5
25	Takata	266	Japan	179.71	3.9		4,094	2.8		34,994	-2.4		4.4	4.3	7.1	8.5	5.1	4.8	1,192	24.0	6.4	4.2
26	Koito Manufacturing	277	Japan	165.08	0.5	2.7	3,735	4.0	9.2	15,315	7.5	4.3	4.4	4.6	6.4	5.6	10.8	11.5	1,565	14.6	6.0	7.7
27	Sumitomo Rubber Industries	292	Japan	153.58	6.2	6.0	4,801	6.6	5.7	20,369	10.6	5.3	3.2	3.2	3.6	8.0	7.5	7.9	1,752	17.0	9.3	9.2
28	Dongfeng Motor	295	Hong Kong	152.90	33.2		7,441	19.0		92,783	2.1		1.8	1.8	6.4	6.5	1.6		6,830		5.8	4.8
29	Dana	300	USA	151.47	11.4	-8.5	5,764	-13.1	-6.6	29,000	-17.1	-13.0	2.6	2.1	-6.4	-5.2	5.2	3.9	322	-31.1	3.2	2.8
30	TRW Automotive	307	USA	148.20	10.2	0.5	10,788	2.0	5.9	65,200	-1.7	1.1	1.4	1.3	-2.8	4.4	2.3	2.0	1,494	9.3		
31	BorgWarner	308	USA	147.99	-2.4	8.5	3,787	-1.2	7.0	13,800	-22.0	-7.4	3.9	4.0	1.1	8.6	10.7	8.6	2,540	-24.4	7.0	5.5
32	Tokai Rika	310	Japan	145.43	3.3	2.9	3,492	8.6	11.0	14,776	7.8	8.3	4.2	4.4	7.3	6.9	9.8	10.3	1,301		4.7	4.8
33	NGK Spark Plug	329	Japan	138.46	7.3	6.7	2,743	0.2	12.7	11,599	11.5	7.2	5.0	4.7	10.2	15.2	11.9	12.4	1,965	5.0	14.8	10.6
34	Federal-Mogul	350	USA	124.68	-2.8	9.3	4,939	-0.7	3.0	43,400	-13.2	1.3	2.5	2.6	-4.0	27.6	2.9	2.6	946	-11.1	4.7	4.5
35	Yokohama Rubber	361	Japan	121.34	4.4	2.3	4,377	10.9	9.5	16,099	4.4	6.1	2.8	2.9	4.1	5.5	7.5	7.5	1,276	3.4	5.2	7.5
36	Harley-Davidson	366	USA	117.63	-18.9	-5.8	4,025	-8.9	0.4	9,300	3.3	1.1	2.9	3.3	18.4	23.2	12.6	16.1	3,831	-43.5	4.2	3.9
37	ArvinMeritor	428	USA	97.84	9.7	-8.1	5,161	-18.3	-9.9	19,800	10.0	-11.9	1.9	1.4	2.9	-1.5	4.9	5.0	425	-44.7	2.4	1.4
38	Lear	483	USA	81.30	-16.0	-13.4	9,763	-15.2	-7.4	80,000	-12.1	-11.4	0.8	0.8	3.1	3.5	1.0	1.1	16	-97.9	1.2	1.3
39	Toyo Tire	514	Japan	76.34	0.1	-0.6	2,835	11.5	9.8	7,248	3.1	4.4	2.7	3.0	2.5	9.8	10.5	10.8	389	-3.0	5.2	9.1
40	Ssangyong Motor	532	South Korea	73.04	-18.7		1,782	5.7			4.1	5.3	1.1	2.5					327		2.3	4.8
41	Nok	537	Japan	72.61	14.3		4,177	9.7	8.9	33,588	1.7	1.7	1.7	1.7	9.0	9.4	2.2		1,621		11.6	
42	Hyundai Mobis	555	South Korea	69.30	30.7	21.4	7,910	20.3	14.3		0.9	0.9	0.9	0.9	8.9				7,317	32.0	3.7	3.5
43	Wabco	570	USA	66.84	10.3		1,862	7.1		7,200	-6.5		3.6	3.5	9.6	9.9	9.3	7.9	912		3.0	2.9
44	American Axle & Manufacturing	613	USA	61.15	5.7	4.9	1,517	-35.1	-14.6	7,250	-26.0	-13.0	4.0	2.5	-49.9	2.2	8.4	5.9	123	-44.5	6.6	5.7
45	Nesin Kogyo	644	Japan	58.04	6.4	6.3	1,607	7.8	12.8	7,415	11.2		3.6	3.7	10.8	11.0	7.8	8.2	655	-14.3	10.1	7.5
46	Midme Manufacturing	646	USA	58.00	-13.5	18.4	1,138	-15.8	-2.6	6,953	-14.2	-4.2	5.1	5.0	-6.0	-0.6	8.3	8.3	191	-51.6	6.5	4.6
47	Showa	662	Japan	56.48	2.2	2.5	2,249	8.2	6.7	10,921	9.1	8.2	2.5	2.7	4.8	6.1	5.2	5.				



22	Polaris Industries	695	USA	55.74	5.3	4.4	1,402	9.5	1.4	3,300	3.1	-2.9	4.0	4.1	9.6	10.0	16.9	16.5	923	-10.1	3.9	3.6	
23	Roland	687	Japan	53.50	-1.4		862	14.0		2,528	5.6		6.2	7.2	12.4	10.4	21.2	22.7	218	-24.6	3.7	2.5	
24	Inventec Appliances	703	Taiwan	52.34	29.7	11.6	2,031	-11.9	5.4	18,566	11.1		2.6	1.7	3.9	2.5	2.8	2.4	388	-38.8	1.2	2.6	
25	Dobly Laboratories	804	USA	44.06	40.8	26.7	461	32.8	25.0	1,153	18.1	11.8	9.7	9.1	44.5	38.6	38.7	32.5	3,308		2.1	2.2	
26	Coretronic	809	Taiwan	43.98	13.3	13.1	1,752	1.4	9.6				2.5	2.2	3.4	5.1			632				
27	LeapFrog Enterprises	941	USA	34.87	-18.4	-2.5	330	3.8	-10.9	626	-25.8	-9.2	10.6	13.4	-14.9	-23.1	55.7	50.6	145	-65.1	2.5	6.0	
28	Hamstar Display	989	Taiwan	32.21	18.2	-2.8	1,326	-2.9	-1.0				2.4	1.6	-3.8	12.6			878	-16.3	6.6	4.8	
				1,816.75	1.8	4.8	75,933	6.7	8.6	629,633	2.9	3.0	2.4	2.5	12.2	12.1	2.9	6.1	96,535	-9.6	4.1	4.4	
<b>Personal goods (376)</b>			<i>number of companies for calculation</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	
1	Kao	158	Japan	357.71	1.5	4.3	10,465	7.0	12.1	32,900	2.3	19.8	3.4	3.6	8.8	9.9	10.9	10.9	8,861	-14.7	2.9	4.0	
2	Givaudan	198	Switzerland	281.87	-1.9	23.8	2,763	-1.1	13.7	8,772	0.0	14.0	10.2	10.3	9.3	7.8	32.1	32.7	4,130	-2.2	4.7	4.7	
3	Kimberly-Clark	240	USA	213.67	7.3	-2.4	13,968	6.3	6.9	53,000	0.0	-2.4	1.5	1.5	13.1	14.9	4.0	3.8	17,576	-0.1	4.7	5.4	
4	Colgate-Palmolive	262	USA	182.09	2.5	0.9	11,029	11.2	10.4	36,600	1.7	0.7	1.7	1.8	19.7	18.9	5.0	4.9	25,728	-6.7	4.5	4.2	
5	International Flavors & Fragrances	294	USA	153.02	6.9	5.8	1,719	5.0	6.2	5,300	0.0	0.9	8.9	8.7	14.8	15.8	28.9	27.0	2,085	-4.6	3.6	2.9	
6	Shiseido	374	Japan	115.61	-9.7	-4.6	5,742	4.2	4.2	28,793	4.9	6.0	2.0	2.3	4.2	6.8	4.0	4.7	4,874	-26.0	2.4	3.0	
7	Swatch	375	Switzerland	115.59	4.9	4.7	3,837	0.5	9.8	24,269	7.8	5.4	3.0	2.9	20.5	21.9	4.8	4.9	8,779	-7.1	5.2	6.0	
8	Pou Chen	380	Taiwan	114.40	5.7	8.1	4,570	5.7	11.4	345,185			2.5	2.5	6.9	7.8	0.3		1,403	-9.8	6.5	7.5	
9	Lion	563	Japan	67.64	-2.6	0.1	2,684	-1.0	0.6	5,774	0.2	-1.4	2.5	2.6	2.1	2.6	11.7	12.0			3.1	2.6	
10	Estee Lauder	643	USA	58.20	8.7	3.8	5,691	12.4	7.7	32,000	12.3	10.5	1.0	1.1	10.2	10.7	1.8	1.9	5,349	-16.3	4.5	4.4	
11	Avon Products	730	USA	50.36	-2.5	2.9	7,618	7.6	9.1	42,000	0.0	-5.0	0.7	0.7	12.3	8.8	1.2	1.2	10,020	-24.0	3.6	2.8	
12	Church & Dwight	905	USA	36.84	2.8	9.8	1,743	9.1	11.7	3,500	-5.4	-1.8	2.1	2.2	14.7	14.1	10.5	9.7	2,887	-0.5	4.1	2.2	
13	Unicharm	925	Japan	35.76	4.0	6.3	2,674	11.6	11.0	6,461	3.1	7.3	1.3	1.4	10.1	9.8	5.5	5.5	3,949	9.3	5.2	7.1	
14	Kose	955	Japan	33.99	-0.4	3.9	1,430	2.2	2.0	5,079	2.5	2.4	2.4	2.4	8.4	8.4	6.7	6.9	895	-21.2	2.7	2.0	
				808.09	-30.9	-16.2	99,356	5.8	-3.9	140,359	-8.0	-35.4	0.8	1.1	17.4	18.7	5.8	6.6	121,680	-25.7	2.0	2.5	
<b>Tobacco (378)</b>			<i>number of companies for calculation</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>3</i>	
1	Japan Tobacco	157	Japan	358.44	9.5	3.7	50,872	34.4	11.2	47,459	42.0	13.3	0.7	0.9	5.9	6.2	7.6	9.8	21,225	-37.3	1.9	2.0	
2	Philip Morris International	220	USA	240.29			18,493			75,600			1.3		39.9		3.2		64,881		4.3		
3	Altria	275	USA	166.91	-63.2	-37.3	24,987	-25.4	-20.4	10,400	-87.6	-62.6	0.7	1.4	22.0	30.7	16.0	5.4	26,168	-15.7	0.7	3.1	
4	Reynolds American	828	USA	42.45	3.5	3.6	5,004	-0.6	4.6	6,900	-2.8	2.8	0.8	0.8	29.0	32.5	6.2	5.8	9,405	-18.7	1.6	2.0	
				6,212.02	8.6	13.2	92,669	10.5	13.1	442,965	4.2	8.2	6.7	7.1	13.3	15.8	14.0	14.3	212,294	-23.0	5.3	5.1	
<b>Health care equipment &amp; services (453)</b>			<i>number of companies for calculation</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	<i>45</i>	
1	Medtronic	63	USA	974.83	6.3	6.8	10,503	8.0	8.9	41,000	2.5	4.4	9.3	9.4	18.0	20.5	23.8	22.9	29,549	-30.5	3.4	3.8	
2	Boston Scientific	84	USA	723.75	-7.8	13.9	5,791	-3.7	8.6	24,800	-9.8	7.8	12.5	13.1	-22.0	0.0	29.2	28.5	12,082	-12.2	4.5	4.3	
3	Baxter International	95	USA	624.47	14.2	17.7	8,884	9.6	7.8	48,500	5.4	1.1	7.0	6.7	20.1	18.8	12.9	11.9	23,948	-24.1	7.7	6.1	
4	St Jude Medical	145	USA	382.59	11.6	12.9	3,139	15.5	14.4	14,000	16.7	11.9	12.2	12.6	14.6	20.6	27.3	28.6	9,536	-18.6	7.9	7.6	
5	Becton Dickinson	193	USA	285.07	10.1	13.4	5,150	12.0	9.8	28,277	0.9	3.4	5.5	5.6	21.8	18.8	10.1	9.2	11,434	-23.6	8.4	8.7	
6	Stryker	206	USA	264.61	-2.0	9.5	4,833	12.0	11.3	17,594	9.8	0.6	5.5	6.3	22.5	21.9	15.0	16.8	11,486	-40.7	2.3	3.1	
7	Covidien	218	Bermuda	245.33			7,755			41,700			3.2		21.0		5.9		14,130		3.8		
8	Beckman Coulter	247	USA	201.51	2.2	10.3	2,229	12.2	8.2	11,000	4.8	15.0	9.0	9.9	9.7	11.0	18.3	18.8	3,319	0.6	9.7	9.9	
9	Thermo Fisher Scientific	267	USA	179.21	4.4	17.7	7,553	7.7	58.6	34,500	4.5	44.2	2.4	2.4	11.7	10.1	5.2	5.2	13,234	-26.9	2.5	1.8	
10	CR Bard	313	USA	143.24	46.6	20.2	1,784	11.3	11.5	11,000	7.8	7.3	8.1	6.2	21.0	25.3	13.0	9.6	5,171	-22.5	2.1	2.3	
11	Zimmer	324	USA	139.57	-7.4	3.4	2,965	5.7	7.8	8,500	11.8	8.3	4.7	5.4	26.4	28.9	16.4	19.8	6,989	-38.3	11.8	8.5	
12	Terumo	349	Japan	125.03	-6.2	4.7	2,432	10.8	10.0	12,322	6.5	8.6	5.1	6.1	22.1	20.2	10.1	11.5	7,507	-10.9	5.2	6.2	
13	Synthes	360	Switzerland	122.20	14.3	13.9	2,297	15.7	15.4	9,509	8.5	9.9	5.3	5.4	33.6	33.1	12.9	12.2	9,491	-18.7	8.2	8.1	
14	Bio-Rad Laboratories	377	USA	114.76	13.5	11.5	1,269	20.8	14.3	6,600	3.1	8.3	9.0	9.6	9.8	9.1	17.4	15.8	1,650	-17.2	4.8	4.1	
15	Edwards Lifesciences	425	USA	100.15	13.8	12.0	890	13.4	7.4	6,200	10.7	4.7	11.2	11.2	12.5	13.3	16.2	15.7	2,607	14.2	4.1	5.2	
16	Varian Medical Systems	429	USA	97.55	15.5	18.2	1,489	16.5	14.4	4,900	8.9	10.8	6.6	6.6	20.2	18.9	19.9	18.8	3,324	-40.8	3.9	3.6	
17	Bruker	442	USA	94.17	126.6	49.4	796	102.2	55.0	4,400	98.9	51.0	11.8	10.5	9.8	9.2	21.4	18.8	1,214	-26.4	4.3	2.9	
18	Topcon	489	Japan	80.78	8.0		880	0.3		3,172	-18.1		9.2	8.5	10.3	13.2	25.5	19.3	350		2.6	2.1	
19	Inverness Medical Innovations	491	USA	80.45	60.8	53.4	1,202	99.1	58.2	8,300	6.1	52.1	6.7	8.3	3.4	-20.3	9.7	9.7	2,025	4.3	4.0	4.3	
20	Millipore	527	USA	73.82	-4.1	15.8	1,153	4.6	17.4	5,900	-17.7	7.1	6.4	7.0	14.6	14.2	12.5	12.8	2,722	-1.7	4.8	6.6	
21	Sysmex	531	Japan	73.18	2.1	12.3	879	9.6	12.9	3,916	9.4	7.9	8.3	8.9	13.3	13.1	18.7	20.0	1,504	-7.0	7.5	4.6	
22	Biomet	629	USA	59.14	-12.9	1.0	1,536	1.3	4.3	7,220	11.0	6.4	3.9	4.5	-31.7	23.4	8.2	10.4			7.9	6.8	
23	Waters	636	USA	58.70	1.2	6.8	1,133	6.9	10.8	5,000	0.0	3.6	5.2	5.5	24.7	23.7	11.7	11.6	3,614	-25.6	4.4		
24	Hologic	639	USA	58.58	83.1	63.6	1,205	126.8	79.9	3,933	9.9	65.3	4.9	6.0	-11.8	20.0	14.9	8.9	2,742	-25.2	3.2	3.1	
25	Intuitive Surgical	655	USA	57.10	62.4	66.0	629	45.6	56.7	1,049	37.3	35.8	9.1	8.1	35.5	34.4	54.4	46.0	6,227	-26.4	7.1	3.4	
26	Advanced Medical Optics (now Abbott)	678	USA	54.63	-7.2	7.2	853	8.6	8.8	3,711	-9.5	2.6	6.4	7.5	2.8	-9.5	14.7	14.4			1.9	4.2	
27	Kinetic Concepts	679	USA	54.56	50.1	35.3	1,351	16.6	15.8	6,900	7.8	6.4	4.0	3.1	18.6	15.8	23.1	7.9	5.7	1,734	-4.1	7.0	6.0
28	Sonova	704	Switzerland	52.30	-6.7	7.1	844	3.7	13.0	5,108	17.4	17.3	6.2	6.9	25.9	27.0	10.2	12.9	4,178	10.9	4.4	3.2	
29	Varian	716	USA	51.66	10.2	10.0	728	10.0	5.9	3,900	0.0	3.7	7.1	7.1	9.7	10.71	13.2	12.0	1,071	3.9	2.4	2.1	
30	IDEXX Laboratories	726	USA	50.84	4.9	19.9	737	11.0	17.1	4,700	0.0	12.5	6.9	7.3	16.8	14.7	10.8	10.3	2,137	-7.3	8.7	7.1	
31	Nipro	747	Japan	49.16	38.8	21.9	1,366	-6.6	-3.6	9,020	2.4	1.5	3.6	2.4	7.5	2.7	5.5	4.0	968	23.2	14.4	10.4	
32	MDS	780	Canada	46.04	119.4	16.5	766	0.8	-1														



3	DnB NOR	615	Norway	61.03	92.2	39.5	3.529	8.7	10.7	14.223	8.2	11.5	1.7	1.0	35.3	47.2	4.3	2.4	8.630	-27.7	7.3	6.2	
				174.89	0.7	7.6	2,231	0.7	16.5	16,063	14.6	8.8	7.8	7.8	22.9	26.9	10.9	12.4	6,800	-10.7	2.7	2.5	
Other financials (877)				number of companies for calculation																			
1	SEI Investments	473	USA	84.53	-17.2	-2.5	898	-8.8	17.3	2,260	-3.0	2.9	9.4	10.4	17.2	28.9	37.4	43.8	2,622	-17.3	2.1	2.4	
2	Investment Technology	649	USA	57.77	15.9	29.1	549	4.4	23.2	1,323	8.6	22.8	10.5	9.5	26.6	27.3	43.7	40.9	752	-20.5	3.4	3.8	
3	Computershare	983	Australia	32.50	49.6	13.0	784	11.4	11.9	12,480	19.3	8.8	4.1	3.1	26.9	23.7	2.6	2.1	3,426	-2.0	2.7	1.8	
				6,196.20	6.5	9.3	188,335	7.8	10.7	1,155,912	6.1	7.5	3.3	3.3	7.0	8.9	5.0	5.1	132,827	-19.2	6.3	6.6	
Electrical components & equipment (2733)				number of companies for calculation																			
1	Mitsubishi Electric	56	Japan	1,089.62	3.4	5.1	32,142	5.0	5.9	105,651	2.7	2.7	3.4	3.4	5.9	4.7	10.3	10.2	11,936	-10.4	3.6	3.6	
2	ABB	74	Switzerland	832.38	21.7	16.4	25,140	15.3	15.6	120,000	7.1	5.1	3.3	3.1	12.8	13.4	6.9	6.1	30,640	-27.5			
3	Sumitomo Electric	104	Japan	573.59	5.7	8.6	20,166	6.6	13.4	153,725	14.8	13.8	2.8	2.9	6.4	6.1	3.7	4.1	7,432	15.9	4.7	5.1	
4	Kyocera	119	Japan	488.94	0.8	4.2	10,242	0.4	3.0	66,496	4.8	4.3	4.8	4.8	12.4	10.9	7.4	7.6	11,284	-6.3	5.6	5.0	
5	Tyco Electronics	146	Bermuda	381.30			10,672			96,000					15.6		4.0		7,504		4.2		
6	Alps Electric	164	Japan	335.37	-9.7	-0.2	5,497	-2.2	2.5	41,224	11.5	7.8	6.1	6.6	-0.3	2.9	8.1	10.0	815	-34.0	5.6	6.1	
7	Emerson Electric	168	USA	329.50	15.4	14.8	17,847	9.9	12.8	140,700	2.2	7.2	1.8	1.8	15.0	14.8	2.3	2.1	19,028	-29.6	2.9	3.0	
8	Fuji Electric	216	Japan	248.10	-4.0	4.7	7,319	1.6	3.0	25,634	1.1	1.4	3.4	3.6	3.5	4.5	9.7	10.2	1,014	-26.2	3.8	3.6	
9	Nidec	222	Japan	238.89	-8.1	5.1	5,890	17.9	15.2	96,897	8.8	11.4	4.1	5.2	10.2	9.9	2.5	2.9	7,572	2.1	4.8	6.2	
10	Elpida Memory	223	Japan	237.65	3.1	15.0	3,218	-17.3	25.1	3,477	7.7	14.2	7.4	5.9	-8.3	13.0	68.3	71.4	1,487	-45.0	47.8	25.9	
11	Samsung Electro-Mechanics	276	South Korea	165.19	-0.1	8.7	1,537	12.4	0.0					10.7	12.1	5.6	4.8		3,316	83.3	9.0	14.7	
12	Chi Mei Optoelectronic	296	Taiwan	152.11	-2.0	17.3	6,974	5.2	25.3	37,623	117.1	34.6	2.2	2.3	0.5	14.9	4.0	9.0	2,850	-35.4	33.8	34.2	
13	Tatung	344	Taiwan	128.91	-24.5	2.8	4,105	-3.0					3.1	3.4	-7.9	4.9			804	-35.1			
14	Fujikura	387	Japan	111.03	13.8	4.9	5,234	20.8	22.3	49,448	12.7	21.5	2.1	2.3	2.3	6.0	2.2	2.2	1,453	12.0	5.5	6.5	
15	Cooper Industries	418	USA	102.02	34.2	25.6	4,692	10.5	11.3	31,202	-0.9	2.6	2.2	1.8	13.5	14.9	3.3	2.4	3,895	-38.6	2.1	2.0	
16	CommScope	433	USA	96.96	292.7	62.6	2,890	108.0	44.3	15,000	-3.2	50.5	3.4	1.8	-2.4	14.8	6.5	1.6	1,821	-21.5	1.4	1.4	
17	Ibiden	469	Japan	85.61	23.9	21.7	3,282	3.7	18.6	12,695	7.0	17.2	2.6	2.2	16.5	17.4	6.7	5.8	3,596	-1.5	12.7	16.6	
18	Teclonic Industries	475	Hong Kong	83.20	21.1	12.5	2,471	7.4	6.0	19,354	-18.3	-4.3	3.4	3.0	2.5	1.5	4.3	2.9	1,007	4.1	2.7	3.5	
19	TPO Displays	552	Taiwan	69.51	19.3	30.7	730	-10.6	14.8				9.5	7.1	-5.8	-12.9			435				
20	Energizer	579	USA	65.97	29.7	9.5	3,116	28.7	13.1	16,410	0.0	3.4	2.1	2.1	15.5	15.2	4.0	3.1	3,391	8.8	3.7	2.6	
21	Powerwave Technologies	664	USA	55.87	-8.6	8.4	640	14.1	2.6	2,346	-5.5	-21.2	8.7	10.9	-38.9	-37.8	23.8	24.6	121	-73.7	1.5	1.8	
22	Amphenol	751	USA	48.96	9.1	22.0	2,328	13.5	21.4	30,000	-6.3	9.7	2.1	2.2	19.1	18.8	1.6	1.4	4,196	-31.2	3.3	3.6	
23	SPX	759	USA	48.35	-4.4	4.6	4,420	20.0	8.7	17,800	0.0	-0.9	1.1	1.4	8.4	9.0	2.7	2.8	2,050	-54.7	1.9	1.8	
24	Vishay Intertechnology	791	USA	45.44	3.6	9.1	2,038	0.0	7.3	24,800	-11.1	-1.7	2.2	2.2	-69.7	7.7	1.8	1.6	1,026	-22.7	5.4	7.1	
25	Advanced Energy Industries	858	USA	39.53	9.0	11.4	237	-14.5	-0.8	1,679	4.2	3.2	16.7	13.1	3.5	12.0	23.5	22.5	317	-28.2	2.2	2.3	
26	GS Yuasa	880	Japan	37.84	5.1	-1.6	2,476	19.7	9.2	12,467	3.6	1.5	1.7	3.8	-0.4	3.0	3.0	3.0	2,776	121.4	2.9	2.9	
27	Belden	917	USA	36.04	84.2	73.4	1,443	-1.3	14.0	7,500	-9.6	13.0	2.5	1.3	-16.6	10.5	4.8	2.4	678		2.7	3.1	
28	Shindengen Electric Manufacturing	947	Japan	34.65	3.8	1.2	800	-1.2	4.3	6,394	4.3	4.1	-1.1	2.7	5.4		5.4		147		5.0	6.8	
29	Teclintel	958	USA	33.67	33.0	30.8	789	6.9	20.6	21,400	-18.0	-10.1	4.3	3.4	-24.9	7.1	1.6	1.0	239	-41.4	2.8	2.1	
Electronic equipment (2737)				16,893.49	6.0	7.6	371,895	7.0	10.2	1,694,755	6.1	8.9	4.6	4.6	7.5	8.3	10.7	11.0	11.0	279,643	-12.6	7.9	7.4
				58	58	57	58	58	58	47	45	43	58	58	57	46	46	57	46	57	53	55	55
1	Samsung Electronics	16	South Korea	3,469.45	6.3	7.4	56,268	15.3	6.3				6.2	6.7	9.6	11.2			68,837	4.1	12.4	13.7	
2	Canon	20	Japan	2,968.51	1.6	9.3	32,494	-8.6	2.9	166,980	27.1	13.0	9.1	8.2	11.3	17.2	17.8	22.3	34,305	-23.4	10.5	10.6	
3	Sharp	41	Japan	1,557.06	3.3	9.8	27,125	9.3	10.4	53,708	9.8	4.7	5.7	6.1	4.5	5.1	29.0	30.8	9,048	-13.3	10.6	9.4	
4	LG	48	South Korea	1,304.08	21.3	2.2	51,535	18.3	13.3				2.5	2.5	5.5	6.4			7,566		9.1	6.8	
5	Sanyo Electric	105	Japan	569.83	-43.6	-18.3	16,535	-6.0	-5.7	99,875	5.2	1.3	3.4	5.7	3.0	-0.9	5.7	10.6	3,263	18.3	3.8	3.0	
6	Danaher	111	USA	521.91	20.6	24.2	9,135	14.3	16.7	50,300	0.6	7.9	5.7	5.4	14.7	15.8	10.4	8.7	13,825	-26.9	1.5	1.5	
7	Hon Hai Precision Industry	113	Taiwan	518.69	54.2	39.4	42,760	14.6	28.9				1.2	0.9	3.7	5.4			20,156	-15.6	3.6	5.1	
8	Agilent Technologies	115	USA	506.48	2.8	-1.6	4,154	6.5	-5.9	19,600			-2.3	12.2	12.6	14.3	10.6	25.8	5,938	-36.8	2.7	2.8	
9	Pioneer	125	Japan	471.40	0.3	2.0	6,147	-4.1	1.8	42,775	13.7	2.8	7.7	7.3	-1.7	-1.0	11.0	12.5	452	-62.6	5.4	5.2	
10	TDK	131	Japan	455.46	14.6	16.4	6,875	0.5	9.6	60,212	16.7	17.5	6.6	5.8	8.5	9.4	7.6	7.7	5,308	-6.6	9.7	8.2	
11	Omron	142	Japan	408.90	-1.0	1.4	6,056	3.6	7.8	35,426	9.2	12.5	6.8	7.1	8.3	9.6	11.5	12.7	2,735	-12.9	5.0	6.1	
12	Yokogawa Electric	170	Japan	324.42	12.8	12.1	3,472	0.9	4.2	20,266	5.1	2.2	9.3	8.4	3.8	5.2	16.0	14.9	1,650	4.6	8.1	6.3	
13	HTC	244	Taiwan	205.01	152.4	57.4	3,340	28.9	28.3	9,353	30.3		6.1	3.1	19.8	26.0	21.9	11.3	5,910	-40.9	3.7	1.2	
14	Compal Electronics	278	Taiwan	164.95	41.7	27.6	10,495	-3.9	21.7				1.6	1.1	3.1	3.4			2,771	-3.6	1.5	0.8	
15	Kudelski	303	Switzerland	149.75	5.2	10.2	695	11.0	14.4	2,651	3.1	17.9	21.6	21.6	22.7	2.2	8.9	56.5	55.3	678	38.1	5.9	6.2
16	Fanuc	305	Japan	148.65	10.1	7.4	3,718	11.6	12.3	4,894	4.2	3.9	4.0	4.1	43.9	40.8	30.4	28.8	14,055	1.0	5.1	3.3	
17	Hitachi Kokusai Electric	318	Japan	141.42	23.6	15.2	1,571	2.1	7.5	4,895			9.0	7.4	8.6	7.9	28.9		574	0.6	3.2	4.4	
18	Delta Electronics	319	Taiwan	141.33	26.2	18.8	3,100	8.9	20.5				4.6	3.9	9.0	12.7			4,439	0.4	5.7	6.0	
19	Hoya	330	Japan	138.20	16.7	16.7	3,823	23.5	16.0	35,545	24.9	18.7	3.6	3.8	20.2	26.8	3.9	4.2	6,940	8.8	8.1	13.4	
20	Rockwell Automation	332																					

32	HORIBA	472	Japan		84.62	12.5	17.6	1,065	-7.0	8.3	5,146	3.4	4.9	7.9	6.6	8.1	10.4	16.4	15.1	694	7.2	3.6	4.0
33	Hamamatsu Photonics	490	Japan		80.64	4.7	4.7	784	2.6	10.2	3,762	4.5	4.7	10.3	10.1	20.6	20.5	21.4	21.4	1,196	-22.0	8.7	12.3
34	Yamatake	508	Japan		78.13	12.2	6.4	1,973	6.0	11.2	8,315	1.5	6.0	4.0	3.7	6.8	7.5	9.4	8.5	1,100	-11.3	1.8	2.3
35	PerkinElmer	509	USA		77.74	-3.2	7.3	1,394	8.4	4.5	7,900	-9.2	-0.4	5.6	6.2	8.6	9.0	9.8	9.2	1,477	-40.1	2.2	2.6
36	Yaskawa Electric	511	Japan		77.30	15.7	8.0	3,034	3.6	7.3	8,347	3.6	3.1	2.5	2.3	9.7	7.5	9.3	8.3	1,307	-9.5	2.4	
37	Shimadzu	549	Japan		69.80	2.3	3.6	2,301	10.5	7.5		3.0	3.0	3.0	3.3	8.8	8.9	7.6	1,570	-22.2		3.6	
38	Ulvac	561	Japan		68.14	-3.2	10.4	1,914	0.9	7.0	6,872	24.0	19.3	3.6	3.7	3.4	6.0	9.9	12.7	896	-1.9	11.3	11.6
39	Japan Radio	568	Japan		66.91	18.5	-23.4	1,046	4.1	-16.8	3,751	0.5	-24.2	6.4	5.6	3.2	3.2	17.8	15.1	251	5.1	0.8	0.8
40	Keyence	585	Japan		64.90	21.1	19.4	1,593	9.8	12.9	2,925	9.8	4.1	3.7	51.4	52.7	22.2	20.1	7,309	-2.4	1.8	1.3	
41	Roper Industries	596	USA		62.88	28.7	17.8	1,659	9.7	16.6	7,900	11.3	9.6	3.8	3.2	21.4	20.7	8.0	6.9	3,052	-22.3	1.3	1.4
42	Novatek Microelectronics	601	Taiwan		62.55	78.2	33.5	574	-27.6	0.3		10.9	4.4	13.8	20.7				1,099	26.7			
43	Zebra Technologies	612	USA		61.24	47.8	22.8	703	12.5	11.6	3,200	0.0	8.6	8.7	6.6	-1.7	16.5	19.1	13.0	1,060	-26.3	4.2	2.5
44	MITAC International	667	Taiwan		55.56	-0.7	9.7	1,412	-28.2	-8.4		3.9	2.8	0.4	7.0				498	-29.1			
45	Orbotech	675	Israel		55.11	12.8	10.5	309	19.1	4.2	1,693	5.1	3.1	17.8	18.8	-33.5	-2.3	32.6	30.3	250	-12.1	2.6	2.9
46	Coherent	689	USA		53.44	-0.4	8.9	431	-0.3	5.1	2,149	-8.1	-0.6	12.4	12.4	4.1	1.9	24.9	22.9	391	-37.4	3.8	3.6
47	Samsung C&T	696	South Korea		53.19	22.7		11,700	25.3	9.8		0.5	0.5	2.1	4.3				4,539		1.1	2.9	
48	JEOL	720	Japan		51.48	8.4	13.5	745	-7.7	3.0	3,047	1.1		6.9	5.9	1.8	16.9	15.8	248		6.5	3.0	
49	Advanced Digital Broadcast	736	Switzerland		49.73	42.4	18.2	260	21.9	13.2	730	-3.4	12.6	19.1	16.4	4.4	0.9	68.1	46.2	199	60.5	0.7	1.1
50	TPV Technology	755	Bermuda		48.44	24.3	32.1	6,653	9.4	22.3	28,500	4.3	11.4	0.7	0.6	1.7	3.0	1.7	1.4	798	2.3	1.7	1.3
51	Innolux Display	805	Taiwan		44.55	46.4	27.9	3,522	3.0	45.8		1.3		0.9	3.2	11.3			2,887	-6.7	13.8	1.0	
52	Veeco Instruments	816	USA		43.42	-1.3	0.0	319	10.0	2.6	1,195	-1.7	-0.7	13.6	15.2	-15.9	-3.0	36.3	36.2	477	22.3	2.9	2.3
53	AMETEK	837	USA		41.37	8.7	18.2	1,821	18.5	20.8	11,700	3.5	8.21	2.3	2.5	17.0	17.9	3.5	3.4	2,412	-32.1	1.7	1.8
54	USHIO	839	Japan		41.22	6.3	7.6	1,176	-2.2	7.5	4,681	-2.1	-0.5	3.5	3.2	13.4	15.9	8.8	8.1	1,791	12.9	5.7	4.3
55	Nippon Electric Glass	845	Japan		40.54	14.0	17.0	2,923	9.5	5.9	6,276	1.0	-4.4	1.4	1.3	25.3	19.2	6.5	5.7	3,960	-23.2	24.7	29.9
56	Analogic	934	USA		35.21	1.4	-8.1	297	21.3	4.3	1,700	13.3	-0.5	11.8	14.2	5.9	0.5	20.7	23.1	324	-52.9	3.6	2.6
57	AO Smith	939	USA		34.89	1.5	10.4	1,658	-0.3	10.9	15,350	-8.6	-4.5	2.1	2.1	-0.6	5.4	2.3	2.0	878	-21.2	2.9	3.1
58	Newport	971	USA		33.14	8.2	8.6	320	0.0	2.6	1,760	-12.0	-2.0	10.3	0.6	-27.7	5.9	18.8	15.3	196	-21.4	4.2	4.2
<b>Commercial vehicles &amp; trucks (2753)</b>					<b>4,464.17</b>	<b>17.6</b>	<b>12.2</b>	<b>167,338</b>	<b>16.7</b>	<b>12.7</b>	<b>398,302</b>	<b>7.1</b>	<b>6.8</b>	<b>2.7</b>	<b>2.6</b>	<b>8.8</b>	<b>9.8</b>	<b>10.7</b>	<b>9.9</b>	<b>88,606</b>	<b>-30.6</b>	<b>6.0</b>	<b>4.6</b>
				<i>number of companies for calculation</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>12</i>	<i>12</i>	<i>14</i>	<i>14</i>	<i>14</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>14</i>	<i>14</i>
1	Caterpillar	52	USA		1,243.18	23.1	16.8	36,924	14.2	13.0	112,887	11.4	9.9	3.4	3.1	8.8	11.2	11.0	10.0	20,561	-31.9	4.8	6.8
2	Deere	87	USA		678.50	15.5	11.7	18,564	20.1	6.6	56,700	9.0	6.2	3.7	3.8	8.4	8.2	12.0	11.3	13,543	-34.8	4.3	4.8
3	Isuzu Motors	121	Japan		478.58	3.1	8.8	15,277	15.7	8.8	23,712	2.2	3.1	3.5	6.0	7.0	20.2	20.0	20.0	2,355	-50.8	2.2	3.0
4	Komatsu	143	Japan		394.24	7.3	2.3	17,802	14.6	16.1	39,267	16.0	6.0	2.2	2.4	15.2	14.2	10.0	10.9	12,927	-20.5	5.2	6.3
5	Liebherr	167	Switzerland		330.00	20.9	12.8	7,491	15.7	17.7	29,660	12.6	10.1	4.4	4.2	11.1	10.2	11.1	10.4			7.3	6.3
6	Cummins	184	USA		303.60	28.3	14.9	10,318	9.9	13.1	39,800	5.3	5.9	2.9	2.5	9.8	9.1	7.6	6.3	6,799	-32.0	3.8	2.7
7	Navistar International	202	USA		273.38	-0.5	-2.7	10,593	19.8	6.7	17,800	3.5	-1.5	2.6	3.1	4.6	3.5	15.4	16.0	2,235	-18.3	1.2	2.5
8	Paccar	217	USA		245.90	33.8	42.6	10,772	-1.6	3.2	18,700	-14.2	-5.1	2.3	1.7	9.2	11.0	13.1	8.4	9,198	-14.6	10.4	2.8
9	AGCO	322	USA		139.93	25.6	16.9	6,061	23.4	15.6	15,600	13.9	6.3	2.3	2.3	6.5	6.1	9.0	8.1	2,040	-44.7	3.0	2.1
10	China South Locomotive	403	China		105.99	105.5		3,700	30.9			2.9	1.8	5.6	3.7					5,832		10.2	6.1
11	Hyundai Heavy Industries	424	South Korea		100.67	15.4	10.1	15,699	31.5	25.5		0.6		0.6	11.1	12.2			9,253	-35.2	10.0	5.9	
12	Oshkosh	575	USA		66.19	21.4	40.2	5,136	13.2	34.1	14,000	-1.4	20.7	1.3	1.2	5.5	9.4	4.7	3.8	1,736	103.3	1.1	1.6
13	Bucher Industries	700	Switzerland		52.79	9.8	7.2	1,885	13.4	12.7	8,176	9.2	6.1	2.8	2.9	8.5	9.3	6.5	6.4	886	-46.5	4.6	5.2
14	Terex	724	USA		51.22	2.4	11.8	7,115	8.2	15.7	20,000	-4.8	4.4	0.7	0.8	4.1	10.6	2.6	2.4	1,340	-62.5	1.2	1.2
<b>Industrial machinery (2757)</b>					<b>2,882.20</b>	<b>10.8</b>	<b>8.7</b>	<b>131,645</b>	<b>7.2</b>	<b>9.8</b>	<b>686,904</b>	<b>8.8</b>	<b>8.7</b>	<b>2.2</b>	<b>2.1</b>	<b>5.4</b>	<b>8.6</b>	<b>4.0</b>	<b>3.9</b>	<b>104,406</b>	<b>-6.6</b>	<b>3.6</b>	<b>3.4</b>
				<i>number of companies for calculation</i>	<i>39</i>	<i>34</i>	<i>34</i>	<i>39</i>	<i>34</i>	<i>34</i>	<i>37</i>	<i>37</i>	<i>32</i>	<i>39</i>	<i>39</i>	<i>39</i>	<i>37</i>	<i>37</i>	<i>37</i>	<i>37</i>	<i>37</i>	<i>34</i>	<i>38</i>
1	#i	253	Japan		191.43	3.0	4.4	10,719	10.6	7.4	23,722	2.3	2.8	1.8	1.9	-2.4	-2.5	8.1	8.0	1,970	4.2		
2	Parker Hannifin	261	USA		183.70	20.3	25.1	8,738	13.3	13.7	61,722	7.6	6.8	2.1	2.0	11.7	11.4	3.0	2.7	5,643	-23.8	2.3	2.2
3	Illinois Tool Works	299	USA		151.60	3.6	18.1	12,387	5.8	10.0	65,000	8.3	9.1	1.2	1.3	13.2	16.2	2.3	2.4	14,857	-17.9	2.1	2.2
4	SMC	337	Japan		132.11	5.0	3.6	2,841	5.4	8.5	14,756	7.6	7.6	4.7	4.7	24.8	26.7	9.0	9.2	5,746	13.3	5.6	5.0
5	NTN	364	Japan		119.10	5.5	0.1	4,238	10.4	11.2	18,960	9.6	14.0	2.8	2.9	9.2	10.0	6.3	6.5	1,686	-12.8	10.8	12.0
6	Shanghai Electric	417	Hong Kong		102.23	72.0	81.2	6,211	4.4	19.6	31,323	-7.5	1.4	1.6	1.0	5.5	7.0	3.3	1.8	11,148	224.9	5.1	5.6
7	Crane	427	USA		99.21	40.1	44.1	1,874	-0.6	8.1	12,000	0.0	5.1	5.3	3.8	7.6	-3.9	8.3	5.9	962	-34.6	1.7	1.8
8	Georg Fischer	434	Switzerland		96.66	-0.7	4.9	3,018	-0.7	6.5	14,326	10.3	4.9	3.2	3.2	2.2	7.4	6.7	7.5	632	-41.2	5.4	4.8
9	Ingersoll-Rand	440	Bermuda		94.68	2.3	-6.8	9,527	13.0	7.9	60,000	68.7	14.5	1.0	1.1	-1.9	8.2	1.6	2.6	6,639	-9.2	2.3	1.0
10	Ebara	467	Japan		85.81	-4.8	2.7	4,502	5.4	5.8	16,074	3.0	2.4	1.9	2.1	-6.3	0.7	5.3	5.8	1,218	56.5	2.9	3.3
11	Rietel	481	Switzerland		82.67	-13.3	-5.5	2,124	-20.0	-0.2	14,183	-8.5	-1.1	3.9	3.6	-9.9	7.1	5.8	6.2	558	-47.8	4.5	5.1
12	Minebea	498	Japan		78.97	10.6	-0.2	2,654	1.0	4.3	50,549	2.0	1.4	3.0	2.7	9.3	8.0	1.6	1.4	1,412	5.5	7.4	5.1
13	Sumitomo Heavy Industries	506	Japan		78.24	14.6	16.0	5,244	10.1	8.2	14,408	14.7	8.9	1.5	1.4	11.0	10.4	5.4	5.4	2,248	-3.3	3.7	2.8
14	Glory	515	Japan		76.32	3.1	-3.7	1,470	12.5	-0.7	5,346	1.1	0.8	5.2	5.7	11.1	5.9	14.3	14.0	1,056	-6.6	2.5	2.8
15	Mettler-Toledo International	529	Switzerland		73.59	10.7	7.7	1,420	10.0	10.0	10,000	5.3	4.4	5.2	5.2	14.8	14.7	7.4	7.0	2,102	-21.6	3.1	2.7
16	NHK Spring	547	Japan		70.39	2.8	48.1	3,846	13.3	13.2	17,324	47.1	26.9	1.8	2.0	6.9	6.3	4.1	5.8	1,320	15.6	7.1	6.6



54	Geron	889	USA	37.53	-4.2	14.1	2	-60.6	-23.0	159	13.6	20.9	1,857.9	763.5	-2,403.0	-664.5	236.0	279.8	489	105.8	83.2	41.9	
55	Cell Therapeutics	899	USA	37.13	-28.3	-9.1	8	9,044.4	-10.8	194	-15.7	-3.2	451.2	57,566.7	-1,339.7	-108,088.9	191.4	225.3	615	1,645.0	16.6	1,400.0	
56	Genitope	907	USA	36.81	27.2	31.4	0			206	21.2	17.2					178.7	170.3					
57	La Jolla Pharmaceutical	909	USA	36.71	9.4	31.2	0			94	9.3	2.2					390.5	390.1	9				
58	ARAD Pharmaceuticals	912	USA	36.58	28.5	3.5	5	97.7	79.6	150	29.3	11.6	717.3	1,103.1	-1,013.5	-1,692.6	243.9	245.3	153	7.6	93.9	37.6	
59	Dendreon	919	USA	36.03	-34.6	-8.8	0	-85.2	-18.9	198	2.1	-1.6	45,037.5	10,194.4	-63,375.0	-13,538.9	182.0	283.8	1,871		6,137.5	427.8	
60	Emergent BioSolutions	920	USA	36.00	23.6	49.5	128	-2.4	11.0	587	4.8		28.0	22.1	17.2	18.2	61.3	52.0	381		11.7	24.0	
61	CV Therapeutics (now part of Gilead Sci	937	USA	35.03	-38.0	-23.7	111	86.5	101.3	550	6.6	-4.3	31.5	94.9	-53.1	-218.4	63.7	109.6			1.7	3.4	
62	Biomarin Pharmaceutical	948	USA	34.53	-4.6	3.1	213	143.9	126.0	649	23.6	27.4	16.2	41.4	11.3	-22.0	53.2	69.0	1,123	-44.2	19.0	18.4	
63	Anesiva	952	USA	34.12	33.2	35.0	0	450.0		78	-22.0	-5.0	15,508.1	64,050.0	-32,700.0	-110,300.0	437.4	256.2	7		1,404.5	13,050.0	
64	CombinatoRx	959	USA	33.66	15.6	34.1	10	-5.5	44.7	73	-55.5	-8.4	331.3	271.0	-466.9	-384.0	461.1	177.6	32		17.2	43.9	
65	K-V Pharmaceutical	960	USA	33.55	48.2	25.6	433	35.7	25.6	1,590	12.4	14.0	7.7	7.1	21.7	20.5	21.1	16.0	81	-89.5	3.9	5.6	
66	ImmunoGen	987	USA	32.36	121.0	54.8	29	5.3	4.1	210	11.7	6.9	111.7	53.3	-84.3	-58.2	154.1	68.7	291	74.9	44.7	5.2	
67	Ardea Biosciences	990	USA	32.05	122.7	462.6	0	-90.1	81	11.0			14,568.2	645.3	-18,413.6	-877.6	395.7	197.1	267		554.5	13.0	
<b>Pharmaceuticals (4577)</b>				<b>50,083.83</b>	<b>6.4</b>	<b>11.6</b>	<b>322,960</b>	<b>5.7</b>	<b>8.4</b>	<b>915,120</b>	<b>-0.9</b>	<b>2.1</b>	<b>15.5</b>	<b>15.4</b>	<b>20.7</b>	<b>18.6</b>	<b>54.7</b>	<b>50.9</b>	<b>792,426</b>	<b>-12.9</b>	<b>4.7</b>	<b>5.0</b>	
				<i>number of companies for calculation</i>	<i>66</i>	<i>65</i>	<i>62</i>	<i>66</i>	<i>62</i>	<i>61</i>	<i>65</i>	<i>63</i>	<i>53</i>	<i>64</i>	<i>62</i>	<i>64</i>	<i>62</i>	<i>65</i>	<i>63</i>	<i>65</i>	<i>64</i>	<i>63</i>	<i>60</i>
1	Roche	3	Switzerland	5,883.43	5.0	15.1	30,835	-1.1	8.7	80,080	1.9	5.5	19.1	18.0	30.5	31.3	73.5	71.3	96,867	-12.1	7.0	7.9	
2	Pfizer	5	USA	5,715.89	-1.8	2.2	34,746	-0.3	-2.0	81,800	-5.5	-8.3	16.5	16.7	18.4	16.2	69.9	67.2	76,572	-18.1	3.5	3.9	
3	Johnson & Johnson	6	USA	5,451.14	-1.3	6.3	45,862	4.3	8.1	118,700	-0.4	0.9	11.9	12.6	26.7	21.5	45.9	46.4	119,116	-16.1	4.8	4.8	
4	Novartis	8	Switzerland	5,194.30	12.6	14.5	29,827	4.2	8.8	96,717	-1.5	2.1	17.4	16.1	22.9	18.9	53.7	47.0	85,168	-22.0	5.3	6.7	
5	Merck	17	USA	3,457.09	-1.6	7.7	17,159	-1.4	2.7	55,200	-7.7	-3.5	20.1	20.2	40.1	12.2	62.6	58.7	47,003	-12.6	5.4	4.2	
6	Eli Lilly	23	USA	2,763.27	10.2	8.3	14,661	9.4	11.6	40,500	-0.2	-1.7	18.8	18.7	-6.3	20.9	68.2	61.8	27,180	-30.2	4.6	5.8	
7	Bristol-Myers Squibb	25	USA	2,579.17	9.2	9.3	15,371	7.0	3.6	35,000	-16.7	-6.6	16.8	16.4	21.7	18.7	73.7	56.2	31,082	0.7	4.4	4.2	
8	Schering-Plough	27	USA	2,538.88	20.6	23.7	13,311	45.8	24.8	51,000	-7.3	16.1	19.1	23.1	13.0	-15.0	49.8	38.3	31,879	35.3	4.0	4.9	
9	Wyeth	29	USA	2,426.80	3.6	7.1	16,427	1.9	6.8	47,426	-6.1	-1.6	14.8	14.5	26.5	28.4	51.2	46.4	45,133	9.1	6.2	6.2	
10	Takeda Pharmaceutical	30	Japan	2,188.83	42.7	24.9	10,911	5.3	7.0	15,717	4.8	2.7	20.1	14.8	34.5	41.8	139.3	102.3	22,753	-29.9	2.4	2.2	
11	Abbott Laboratories	37	USA	1,934.42	7.3	13.9	21,243	13.9	9.7	69,000	1.5	4.9	9.1	9.7	21.1	17.1	28.0	26.5	49,337	-23.8	4.4	6.4	
12	Daiichi Sankyo	49	Japan	1,297.42	-4.2		6,985	-5.3		15,349	-0.1		18.6	18.4	16.2	5.1	84.5	88.2	10,386	-32.6	2.9	3.0	
13	Eisai	55	Japan	1,095.47	27.5	20.8	5,828	8.9	11.3	10,686	10.7	8.8	18.8	16.1	8.1	2.1	15.5	102.5	89.1	7,538	-4.1	5.3	3.3
14	Astellas Pharma	58	Japan	1,067.19	-19.9	31.7	7,719	5.6	29.6	13,666	-1.6		13.8	18.2	27.6	21.4	78.1	96.0	12,853	-19.0	2.8	2.7	
15	Allergan	103	USA	574.04	11.1	26.8	3,168	11.2	23.8	8,740	10.8	20.0	18.1	18.1	18.1	18.1	65.7	65.5	12,031	1.1	4.3	3.6	
16	Teva Pharmaceutical Industries	107	Israel	565.47	35.3	28.7	7,975	17.8	28.3	38,307	37.2	37.6	7.1	6.2	7.8	25.4	14.8	15.0	33,871	22.7	6.1	5.8	
17	Forest Laboratories	124	USA	475.78	-1.4	17.2	2,766	9.8	11.2	5,225	0.3	1.1	17.2	19.2	23.3	31.5	91.1	92.6	5,977	-27.1	1.1	1.0	
18	Dainippon Sumitomo Pharma	149	Japan	375.13	15.6	39.4	2,095	1.1	14.9	4,795	-2.4	25.5	17.9	15.6	13.7	14.4	78.2	66.0	2,749	13.5	2.7	2.8	
19	Shionogi	171	Japan	319.77	7.6	11.1	1,701	7.3	2.4	4,982	0.5	-3.4	18.8	18.8	17.9	5.4	64.2	60.0	5,708	7.0	5.4	5.7	
20	Ono Pharmaceutical	178	Japan	309.43	10.2	8.4	1,158	3.0	0.1	2,674	0.2		26.7	25.0	35.0	39.7	115.7	105.2	4,093	-10.1	1.1	0.8	
21	Cephalon	211	USA	260.58	-1.9	0.7	1,421	11.4	17.7	2,780	-0.6	-1.3	18.3	20.8	10.2	-5.2	93.7	95.0	2,986	-18.5	3.8	5.5	
22	Actelion	214	Switzerland	253.16	28.2	29.7	996	11.8	30.5	1,900	22.7	25.4	22.2	25.2	10.8	133.2		4,956	2.9	5.9	4.6		
23	Mylan	233	USA	228.22	62.9	45.9	3,696	76.9	59.9	12,000	0.0	60.5	6.2	6.7	4.3	-42.4	19.0	11.7	3,073	0.3	3.2	5.1	
24	Taiho Pharmaceutical	251	Japan	196.39	-13.2	2.1	1,981	3.1	-3.7	5,327	2.6	-0.1	9.9	11.8	14.3	8.3	36.9	43.6	4,109	-14.1	1.6	4.4	
25	Exelixis	258	USA	185.18	14.2	22.2	85	3.9	15.8	676	-22.8	7.1	218.4	198.6	-152.1	-105.9	273.9	220.6	433	2.0	12.8	15.3	
26	Sepracor	288	USA	177.57	-6.4	19.5	930	5.5	16.3	2,400	5.4	5.2	19.1	21.5	3.3	1.7	74.0	83.3	1,447	8.5	3.8	2.1	
27	Hospira	291	USA	153.67	6.1	15.4	2,611	5.6	13.9	14,500	3.6	3.7	5.9	5.9	14.1	8.9	10.6	10.3	4,646	6.4	4.5	6.1	
28	Arena Pharmaceuticals	311	USA	145.33	55.2	53.1	7	-49.2	-25.0	499	1.6	15.6	2,058.5	673.3	-2,438.2	-818.0	291.2	190.8	294		236.5	90.2	
29	Watson Pharmaceuticals	359	USA	122.39	17.5	10.7	1,824	1.6	15.5	5,070	-10.1	9.7	6.7	5.8	14.6	10.5	24.1	18.5	2,614	22.6	2.5	3.0	
30	King Pharmaceuticals	407	USA	104.44	-2.8	25.2	1,126	-26.8	-4.1	3,392	65.3	6.7	9.3	7.0	-14.3	10.6	30.8	52.4	1,846	3.0	3.7	2.3	
31	Santen Pharmaceutical	414	Japan	102.72	-5.3	0.8	821	2.9	3.7	2,483	3.1	2.5	12.5	13.6	19.8	20.3	41.4	45.0	1,924	18.8	3.0	3.5	
32	Kissei Pharmaceutical	454	Japan	90.17	8.5	4.7	488	-4.3	0.3	1,844	3.8	3.0	18.5	16.3	6.4	2.7	48.9	46.8	994	11.9	4.1	6.2	
33	Hisamitsu Pharmaceutical	456	Japan	89.16			945			1,752			9.4			25.6	50.9		2,376		7.0		
34	Kyorin	466	Japan	85.92	25.7	-5.2	643	5.2	6.9	2,003	3.7		13.4	11.2	6.7	9.7	42.9	35.4	883	38.9	2.5	4.3	
35	Endo Pharmaceuticals	496	USA	79.29	-20.3	7.7	907	16.1	15.4	1,216	0.7	19.6	8.7	12.7	30.6	29.2	65.2	82.3	1,792	-8.5	1.4	1.8	
36	Rigel Pharmaceuticals	501	USA	78.90	89.8	45.6	0	-100.0	-100.0	181	13.8	6.2			458.2	-630.8	435.9	261.4	219	-65.1		7.4	
37	Medicines	518	USA	76.06	36.8	18.0	250	35.2	32.3	453	48.5	18.1	30.4	30.0	-3.1	-10.9	167.9	182.2	299	-65.0	5.6	0.6	
38	Pfizer	538	Croatia	72.49	-7.5	-8.0	719	-2.5	-4.0	6,137	-5.7	-2.7	10.1	10.6	1.3	-5.0	11.8	12.0	1,498	-31.9	5.7	5.3	
39	Medicis Pharmaceutical	543	USA	71.88	153.4	15.0	372	11.4	11.2	578	22.5	17.2	19.3	8.5	5.0	21.0	124.4	60.1	748	-12.2	2.1	2.2	
40	Valent Pharmaceuticals	548	USA	69.85	-7.1	-5.1	573	-11.9	-1.4	2,331	-22.3	-14.8	12.2	11.6	-17.9	5.0	30.0	25.1	1,571	35.8	2.1	3.6	
41	Mochida Pharmaceutical	560	Japan	68.17	4.1		592	0.7	3.1	1,692	-5.6	-0.3	11.5	11.1	18.4	13.9	40.3	36.6	886	-18.6	2.1	2.7	
42	Biovail	571	Canada	66.80	-1.5	15.4	545	-10.2	-6.8	1,389	-9.4	-7.3	12.3	11.2	16.2	20.9	48.1	44.3	1,579	38.5	2.9	4.2	
43	Ranbaxy Laboratories	591	India	63.70	-0.4	-4.3	1,096	6.3	11.6	12,174	2.8	8.1	5.8	6.2	-10.1	10.8	5.2	5.4	1,865	-48.7	3.7	0.5	
44	Nippon Shinyaku	600	Japan	62.68	-3.7	-2.3	472	5.6	3.1	1,721	-2.2	-1.7	13.3	14.6	10.9	8.9	36.4	37.0	667	6.1	3.0	2.5	
45	Galenica	624	Switzerland	59.68	101.1	18.3	1,828	6.9	8.8	4,239	19.9	20.0	3.3	1.7	9.5	6.1	14.1	9.8	1,558	0.1	2.6	3.9	



25	Salesforce.com	500	USA		78.94	46.6		775	43.8		3,566	36.8		10.2	10.0	5.8	2.7	22.1	20.7	4,186	5.7	5.8		
26	TBCO Software	512	USA		76.69	14.7	13.4	464	11.6	13.1	2,070	8.9	11.2	16.5	16.1	10.2	11.0	37.0	35.2	1,182	8.4	1.4	2.2	
27	Open Text	516	Canada		76.18	33.9	17.6	522	21.8	20.5	2,915	7.8	9.2	14.6	13.3	13.8	8.7	26.1	21.0	1,603	39.9	1.0	0.9	
28	Compware	532	USA		73.04	-10.7	-13.9	785	-11.3	-3.3	5,006	-21.1	-12.6	9.3	9.2	18.5	13.1	14.6	12.9	1,273	-39.2	1.6	0.9	
29	Progress Software	594	USA		63.16	9.3	11.7	371	4.5	8.3	1,926	15.9	6.5	17.0	16.3	12.5	11.6	32.8	34.8	654	-25.7	1.6	3.7	
30	Lawson Software	611	USA		61.42	0.0	11.2	613	13.5	36.5	4,200	10.5	44.2	10.0	11.4	3.7	-2.4	14.6	16.2	732	-26.7	2.7	2.3	
31	Wind River Systems (now part of Intel)	621	USA		60.35	3.0	8.6	259	9.4	10.5	1,673	11.0	12.6	23.3	24.8	1.4	-2.7	36.1	38.9			2.8	3.5	
32	Nice Systems	653	Israel		57.36	31.5	36.0	449	20.6	26.1				12.8	11.7	6.0	6.3		20.1	1,153	-6.6	2.5	2.1	
33	Eclipsys	654	USA		57.27	2.5	3.4	371	8.0	10.4	2,800	16.7	11.5	15.4	16.3	1.8	3.6	20.5	23.3	713	-20.0	4.9	3.5	
34	Fair Isaac	663	USA		56.18	10.6	-1.3	536	-9.4	-2.3	2,480	-12.2	-3.9	10.5	8.6	16.6	17.8	22.7	18.0	787	-4.0	3.1	2.8	
35	Blue Coat Systems	672	USA		55.17	48.7	42.0	320	45.6	46.4	1,434	38.8	35.8	17.2	16.9	0.6	8.2	38.5	35.9	535	30.1	6.1	3.7	
36	Informatica	705	USA		52.18	3.7	19.4	328	16.5	19.4	1,611	18.0	16.8	15.9	17.9	18.7	12.3	32.4	36.9	1,195	8.3	1.0	1.5	
37	ANSYS	719	USA		51.51	26.5	32.6	344	24.1	44.7	1,750	25.0	42.9	15.0	14.7	35.5	32.9	29.4	29.1	2,355	-9.4	3.5	2.8	
38	Trizetto (now part of TZ Holdings Lp)	727	USA		50.81	37.4	21.9	325	29.8	18.1	2,000	25.0	12.6	15.6	14.8	11.0	4.9	25.4	23.1			3.8	3.0	
39	Magma Design Automation	744	USA		49.46	-10.6	14.4	106	-31.5	-3.6	732	-28.9	4.6	46.8	35.9	-84.9	-11.5	67.6	53.7	58	-73.2	0.8	3.4	
40	Macrovision Solutions (now Rovi)	752	USA		48.72	287.0	25.4	402	101.3	40.1	1,186	163.6	19.7	12.1	6.3	-35.6	7.8	41.1	28.0	2,140		1.9	0.4	
41	CSG Systems International	758	USA		48.40	15.3	25.6	340	12.6	-4.9	2,066	10.1	10.3	14.3	13.9	18.9	20.0	23.4	22.4	410	-12.4	4.6	4.8	
42	Jack Henry & Associates	761	USA		48.25	18.3	23.6	536	11.5	11.6	3,824	6.7	8.6	9.0	8.5	21.9	23.7	12.6	11.4	1,341	-5.6	4.2	5.1	
43	Take-Two Interactive Software	782	USA		45.99	31.9	-33.8	1,106	56.6	8.5	2,100	10.5	1.6	4.2	4.9	7.6	-12.8	21.9	18.3	588	-55.7	0.8	2.2	
44	SPSS	819	USA		43.16	-6.1	3.3	218	4.1	8.7	1,203	-3.5	2.1	19.8	21.9	17.0	20.0	35.9	36.9	669	49.7	1.9	2.0	
45	Advent Software	861	USA		39.46	22.2	18.0	191	23.0	16.2	1,068	12.9	13.2	20.7	20.8	7.8	5.7	36.9	34.1	692	-19.1	8.8	4.1	
46	JDA Software	870	USA		38.75	5.2	6.7	281	4.5	21.8	1,718	7.6	17.6	13.8	13.7	5.2	12.0	22.6	23.1	449	19.8	2.2	2.0	
47	WebSense	875	USA		38.21	33.8	48.3	213	39.8	25.8	1,303	10.4	27.1	18.0	18.7	-8.4	-3.7	29.3	24.2	493	-30.9	2.7	2.8	
48	Epicor Software	882	USA		37.79	40.6	22.7	351	13.5	19.0	2,645	-9.0	11.9	10.8	8.7	3.7	10.0	14.3	9.2	287	-5.2	2.0	1.8	
49	MSC Software	908	USA		36.73	-0.1	2.6	183	3.1	-5.8		-9.9	-9.2	20.1	20.7	-2.1	0.4	36.5	32.9	243	-38.2	1.2	3.3	
50	Infosys Technologies	911	India		36.62	25.9	34.5	3,203	30.0	31.6	104,850	15.0	25.8	1.1	1.2	29.7	27.8	0.3	0.3	17,517	6.3	9.2	7.5	
51	Openwave Systems	913	USA		36.52	-29.1	-18.9	187	-19.4	-12.2	657	-48.3	-21.5	19.6	22.2	-22.2	-66.2	55.6	40.6	178	107.6	2.2	3.9	
52	Synaptics	917	USA		36.04	27.2	26.1	260	35.3	20.2	420	34.6	24.2	13.9	14.8	11.3	11.0	85.8	90.8	676	-21.7	2.0	2.2	
53	Manhattan Associates	942	USA		34.83	3.9	12.4	243	-0.1	11.0	2,084	-7.0	9.2	14.4	13.8	8.8	12.8	16.7	15.0	297	-31.3	2.3	2.8	
54	Constellation Software	945	Canada		34.69			238			1,891			14.6		5.5		18.3		385		0.8		
55	Symyx Technologies	951	USA		34.16	159.2		114	27.2		540	-10.0		29.9	14.6	-73.2	-13.4	63.3	22.0			4.4	6.2	
56	Delltek	968	USA		33.22	6.5	18.9	208	4.0	23.7	1,240	-1.2		16.0	15.6	16.1	20.2	26.8	24.8	288		2.0	3.3	
57	Aspen Technology	975	USA		33.06	-0.5	-6.3	224	-8.6	5.0	1,320	2.2	0.0	14.7	13.5	7.0	20.2	25.7	25.0	656	-27.6	3.0	0.9	
58	Nucleus Software Exports	977	India		32.86	27.5		49	13.7					67.8	60.4	27.8	20.7		13.3	54	-46.4	6.0	8.8	
59	Blackboard	983	USA		32.50	59.8	48.0	225	30.4	32.0	1,087	22.1	25.6	14.5	11.8	1.4	8.6	29.9	22.9	814	7.7	6.7	6.7	
60	Corel	991	Canada		32.02	-0.5	23.7	193	7.1	17.8	1,040	-6.3		16.6	17.9	8.1	2.8	30.8	29.0	51	-69.7	2.6	1.5	
61	MicroStrategy	994	USA		31.78	12.4	10.9	259	2.8	10.3	1,915	21.0	24.0	12.3	11.2	18.8	24.7	16.6	17.9	528	-0.1	1.4	1.0	
62	Borland Software (now part of Micro Foc	999	USA		31.56	-24.1	-8.7	141	-27.2	-10.9	879	-21.4	-11.5	22.4	21.5	-113.4	-23.0	35.0	37.2			1.6	2.0	
<b>Computer hardware (8572)</b>					<b>17,351.02</b>	<b>7.2</b>	<b>7.9</b>	<b>415,126</b>	<b>8.2</b>	<b>8.3</b>	<b>1,898,697</b>	<b>16.8</b>	<b>8.8</b>	<b>4.2</b>	<b>4.2</b>	<b>6.3</b>	<b>4.2</b>	<b>12.6</b>	<b>13.7</b>	<b>293,630</b>	<b>-11.2</b>	<b>2.9</b>	<b>3.3</b>	
				<i>number of companies for calculation</i>	<i>42</i>	<i>40</i>	<i>42</i>	<i>40</i>	<i>39</i>	<i>42</i>	<i>39</i>	<i>32</i>	<i>31</i>	<i>38</i>	<i>42</i>	<i>40</i>	<i>42</i>	<i>40</i>	<i>32</i>	<i>31</i>	<i>41</i>	<i>38</i>	<i>40</i>	<i>38</i>
1	Hitachi	18	Japan		3,398.25	3.8	3.3	89,103	9.6	7.5	389,752	1.4	3.9	3.8	4.0	2.5	2.2	8.7	8.5	8,333	-53.8	4.2	4.9	
2	NEC	22	Japan		2,795.29	5.2	8.6	36,645	-0.8	-1.7	152,922	-1.2	1.2	7.6	7.2	2.5	2.5	18.3	17.2	5,083	-23.4	2.7	4.0	
3	Hewlett-Packard	26	USA		2,548.95	-1.9	0.5	85,155	13.8	10.9	321,000	86.6	28.9	3.0	3.5	8.8	8.4	7.9	15.1	75,691	-6.3	2.5	2.9	
4	EMC	43	USA		1,473.28	15.9	20.4	10,702	12.4	15.5	42,100	11.7	16.7	13.8	13.4	10.3	13.1	35.0	33.7	22,068	3.3	4.7	5.3	
5	Sun Microsystems	45	USA		1,393.54	-4.3	2.8	9,986	0.1	7.8	34,900	2.0	4.0	14.0	14.6	3.2	2.6	39.9	42.6	4,951	-16.2	3.7	3.5	
6	Apple	77	USA		805.77	30.7	28.0	23,366	35.3	32.6	32,000	48.1	29.3	3.4	3.6	19.2	18.2	25.2	28.5	107,486	3.1	3.4	3.1	
7	Seagate Technology	83	Cayman Islands		739.58	13.7	16.8	9,143	11.9	18.9	54,000	0.0	7.1	8.1	8.0	11.0	5.5	13.7	12.0	4,314		7.3	8.0	
8	Dell	122	USA		476.98	8.7	12.7	43,958	-0.1	3.0	76,500	-7.5	5.5	1.1	1.0	5.1	5.5	6.2	5.3	19,962	-45.1	0.7	1.4	
9	NetApp	156	USA		358.63	10.2	27.1	2,451	3.1	18.1	7,976	4.3	17.0	14.6	13.7	1.4	9.5	45.0	42.6	5,694	-7.9	8.5	5.7	
10	Western Digital	166	USA		333.82	51.6	24.8	5,809	47.7	30.4	50,072	69.3	29.3	5.7	5.6	12.5	7.6	6.7	7.4	5,043	9.3	7.6	5.9	
11	ASUSTeK Computer	172	Taiwan		315.55	58.1	33.2	14,636	-11.6	23.1				2.2	1.2	3.3	4.4			4,960	-34.7	1.9	2.0	
12	Lexmark	183	USA		304.54	4.8	8.0	3,258	-9.0	-4.6	14,000	1.4	1.0	9.3	8.1	6.0	6.6	21.8	21.1	1,000	-56.0	4.8	3.7	
13	Brother Industries	204	Japan		270.78	19.9	15.8	4,495	0.7	8.9	23,809	2.0	5.9	6.0	5.1	8.8	8.6	11.4	9.7	2,009	-16.8	3.9	4.2	
14	Quanta Computer	280	Taiwan		160.33	37.2	11.3	17,949	5.3	19.5				0.9	0.7	5.5	2.6			5,029	27.0	1.0	1.4	
15	Lenovo	283	Hong Kong		158.28	-15.8	4.6	10,721	-11.2	3.7	22,511	-2.6		1.5	1.6	-1.4	2.6	7.0	8.1	3,164	-31.0	0.7	0.8	
16	NCR	297	USA		151.80	14.0	-12.9	3,824	-14.2	-4.1	22,400	-3.4	-7.4	4.0	3.0	5.3	6.1	6.8	5.7	1,964	-49.2	1.4	1.0	
17	Wistron	320	Taiwan		140.92	45.8	34.0	9,758	55.2	39.3				1.4	1.5	2.1	3.0			2,422	50.4	1.5	1.7	
18	Palm	347	USA		127.49	-12.6	9.2	529	-44.2	-22.5	939	-10.6	-5.2	24.1	15.4	-41.6	-12.4	135.8	138.9	1,440	178.7	1.8	1.7	
19	Inventec	379	Taiwan		114.59	26.1	24.8	8,313	44.6	24.0				1.4	1.6	0.8	1.8			1,176	15.1			
20	Lite-On Technology	420	Taiwan		101.13	22.7	16.6	5,733	17.8	6.8				1.8	1.7	4.3	4.2			1,797	35.2	3.1	2.6	
21	Electronics For Imaging	421	USA		101.04	-0.5	8.6	403	-9.7	6.2	2,021	0.1	5.5	25.1	22.7	-25.9	-0.4	50.0	50.3	384	-29.7	2.1	2.1	
22	Emulex	445	USA		92.97	9.7	17.3</																	

30	Quantum	728	USA	50.75	-21.2	-13.1	582	-17.1	-1.0	1,870	-8.8	-6.9	8.7	9.2	-40.5	-0.8	27.1	31.4	165	-30.0	0.7	2.2	
31	Eizo Nanao	741	Japan	49.56	49.5	19.7	709	-6.6	-0.7	1,389	13.5	4.4	7.0	4.4	9.5	12.6	35.7	27.1	372	15.4	3.7	3.3	
32	Intermec	775	USA	46.43	-1.6	-1.0	641	4.9	-6.8	2,070	-10.3	-6.1	7.2	7.0	5.3	4.2	22.4	20.5	608	-27.4	1.5	1.9	
33	Creative Technology	785	Singapore	45.95	0.3	-8.1	530	-19.5	-15.6				8.7	7.0	-5.7	5.6			232	-7.5	1.7	0.7	
34	Lite-On It	800	Taiwan	44.82	13.6	26.3	1,238	1.1	2.8				3.6	3.2	0.7	2.6			519	16.5			
35	Mercury Computer Systems	862	USA	39.42	-6.3	3.1	151	-6.2	-5.7	670	-8.1	-3.4	26.1	26.1	-17.6	-16.9	58.8	57.7	164	34.1	2.2	3.6	
36	Universal Scientific Industrial	874	Taiwan	38.24	8.8	17.0	1,421	-0.5	7.4	10,240	-20.7		2.7	2.5	-0.9		3.4	3.7	290	-32.5	1.5	1.5	
37	Cray	890	USA	37.52	37.7	7.7	203	51.9	12.1	829	3.6	1.7	18.4	20.3	-11.5	-5.0	45.3	34.1	204	86.8	1.6	1.5	
38	RadSys	928	USA	35.49	6.7	18.3	268	14.6	12.7	826	22.7	11.4	13.2	14.2	-20.4	-8.7	43.0	49.4	128	-31.0	1.7	1.7	
39	Silicon Graphics	938	USA	34.96	-17.3	-19.4	255	-22.1	-21.4	1,632	2.8	-12.3	13.7	12.9	-36.1	-25.2	21.4	26.6	0	-99.5	2.8	2.9	
40	Delta Electronics PCL	949	Thailand	34.50			680						5.1			8.3			424		3.0		
41	3par	963	USA	33.34	36.0		133	56.5		591	31.0		25.1	28.9	-1.6	-10.0	56.4	54.3			7.9	9.5	
42	Hypercom	967	USA	33.24	53.3	17.9	318	50.3	19.4	1,606	24.0	3.4	10.5	10.3	-17.3	-4.4	20.7	16.7	98	-49.3	2.1	2.5	
<b>Electronic office equipment (9574)</b>				<b>2,986.41</b>	<b>4.9</b>	<b>2.6</b>	<b>63,994</b>	<b>3.0</b>	<b>2.9</b>	<b>296,282</b>	<b>1.0</b>	<b>2.6</b>	<b>5.5</b>	<b>5.5</b>	<b>6.6</b>	<b>8.1</b>	<b>10.1</b>	<b>9.7</b>	<b>21,232</b>	<b>-35.1</b>	<b>3.7</b>	<b>4.0</b>	
				<i>number of companies for calculation</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>	<i>5</i>
1	Ricoh	80	Japan	1,000.28	9.6	4.5	17,619	7.2	7.0	83,400	1.8	3.6	5.7	5.6	8.3	8.7	12.0	11.1	7,119	-20.6	3.8	4.1	
2	Seiko Epson	92	Japan	657.71	-2.1	-2.4	10,697	-4.8	-3.1	88,925	1.5	1.3	6.1	6.0	-4.8	1.1	7.4	7.7	2,181	-48.5	4.9	4.8	
3	Konica Minolta	93	Japan	645.81	12.8	7.2	8,505	4.3	0.1	31,717	5.0	-1.7	7.6	7.0	10.4	9.4	20.4	19.0	3,417	-39.3	5.9	6.1	
4	Xerox	108	USA	539.57	-1.8	-0.2	12,668	4.1	4.6	57,100	-0.5	1.1	4.3	4.5	1.4	10.3	9.4	9.6	5,296	-39.5	1.2	1.4	
5	Pitney Bowes	293	USA	153.04	2.6	7.4	4,505	2.2	4.5	35,140	-2.8	11.5	3.4	3.4	14.8	14.7	4.4	4.1	3,220	-37.4	3.8	4.3	
				<b>23,292.90</b>	<b>2.4</b>	<b>9.2</b>	<b>168,006</b>	<b>-4.2</b>	<b>4.6</b>	<b>607,059</b>	<b>-1.6</b>	<b>1.7</b>	<b>14.7</b>	<b>13.7</b>	<b>10.4</b>	<b>36.4</b>	<b>36.2</b>	<b>311,711</b>	<b>-12.4</b>	<b>12.3</b>	<b>16.2</b>		
<b>Semiconductors (9576)</b>				<b>105</b>	<b>-105</b>	<b>101</b>	<b>105</b>	<b>105</b>	<b>101</b>	<b>97</b>	<b>85</b>	<b>89</b>	<b>105</b>	<b>105</b>	<b>105</b>	<b>105</b>	<b>97</b>	<b>97</b>	<b>100</b>	<b>86</b>	<b>104</b>	<b>103</b>	
				<i>number of companies for calculation</i>	<i>105</i>	<i>101</i>	<i>105</i>	<i>105</i>	<i>101</i>	<i>97</i>	<i>85</i>	<i>89</i>	<i>105</i>	<i>105</i>	<i>105</i>	<i>105</i>	<i>97</i>	<i>97</i>	<i>100</i>	<i>86</i>	<i>104</i>	<i>103</i>	
1	Intel	13	USA	4,116.59	-0.6	3.6	27,041	-2.0	-1.1	83,900	-2.8	-5.7	15.2	15.0	-2.7	21.0	49.1	48.0	75,594	-21.0	13.8	13.0	
2	Texas Instruments	44	USA	1,395.70	-10.0	-1.3	8,994	-9.6	-2.3	29,537	-2.1	-5.7	15.5	15.6	19.2	25.2	47.3	51.4	21,744	-8.1	6.1	5.0	
3	Advanced Micro Devices	47	USA	1,329.51	0.1	17.3	4,231	-2.2	0.2	14,700	-10.5	14.2	31.4	30.7	-38.2	-50.2	90.4	80.9	1,773	-19.3	10.6	28.0	
4	Broadcom	57	USA	1,077.47	11.1	32.0	3,351	23.3	20.4	7,402	16.6	20.0	32.2	35.7	3.7	2.3	145.6	152.9	9,529	2.6	1.8	4.2	
5	Freescale Semiconductor	75	USA	820.15	0.1	-1.6	3,760	-8.7	-3.7	22,900	-1.3	0.3	21.8	19.9	-149.9	-29.9	35.8	35.3			4.6	5.7	
6	Applied Materials	78	USA	794.34	-3.3	5.5	5,848	-16.5	5.2	14,824	1.9	5.6	13.6	11.7	16.0	24.1	53.6	56.5	12,995	-27.9	3.5	2.7	
7	Marvell Technology	90	Bermuda	669.07	-4.2	43.8	2,123	1.9	20.9	5,552	4.1	30.5	31.5	33.5	5.6	-3.6	120.5	131.0	6,098	-8.3	2.5	3.9	
8	Nvidia	96	USA	615.75	23.7	7.4	2,464	-16.4	13.0	5,420	8.7	25.6	25.0	16.9	-2.6	20.4	113.6	99.8	5,273	16.8	11.9	4.6	
9	Tokyo Electron	114	Japan	507.18	12.2	13.3	7,191	6.4	12.5	10,429	9.5	5.6	7.1	6.7	18.1	16.9	48.6	47.4	7,220	-4.2	2.1	3.0	
10	Micron Technology	118	USA	489.21	-15.5	4.0	4,202	2.7	6.2	22,800	-3.0	6.6	11.6	14.2	-28.2	-4.8	21.5	24.6	4,094	46.6	43.3	63.3	
11	LSI	120	USA	483.83	2.6	19.2	1,926	2.8	11.7	5,488	-11.4	8.3	25.1	25.2	-22.6	-100.5	88.2	76.1	2,383	-26.1	5.0		
12	Taiwan Semiconductor Manufacturing	126	Taiwan	470.92	19.7	15.3	7,304	3.3	7.0	22,843	-0.8	5.2	6.4	5.6	31.6	36.0	20.6	17.1	33,367	-9.4	17.8	26.0	
13	MediaTek	129	Taiwan	466.40	132.4	43.3	1,982	12.1	19.6	2,134	17.4	22.1	23.5	11.3	21.3	39.4	218.6	110.4	11,536	28.2	1.9	2.1	
14	Hynix Semiconductor	136	South Korea	438.09	30.0	32.3	3,894	-21.1	4.6				11.2	6.8	-51.4	6.4			6,578	-10.6	42.0	59.7	
15	Maxim Integrated Products	138	USA	415.65	-12.4	20.7	1,477	2.2	7.1	9,810	0.0	7.1	28.1	32.8	20.8	17.5	42.4	48.4	4,103		10.5	20.0	
16	Analog Devices	144	USA	392.90	-7.5	3.2	1,941	-1.5	4.1	9,000	-6.3	0.8	20.2	21.6	23.4	20.8	43.7	44.3	5,742	-12.7	5.8	5.2	
17	Murata Manufacturing	163	Japan	335.57	9.3	8.8	5,013	11.4	14.2	34,067	15.9	9.5	6.7	6.8	18.6	20.5	9.9	10.4	7,897	7.8	19.9	17.6	
18	Spansion	177	USA	310.66	-1.1		1,642	-8.8		8,700	-6.5		18.9	17.5	-99.8	-9.6		35.7	33.8	17	-94.0	18.9	44.6
19	Sandisk	179	USA	309.32	2.8	30.2	2,411	-14.0	13.3	3,565	12.4	48.8	12.8	10.7	-63.3	7.2	86.8	94.8	2,758	5.4	5.5	6.6	
20	Kia-Tencor	187	USA	294.95	-6.3	6.4	1,814	-7.7	6.5	6,000	0.0	2.9	16.3	16.0	19.9	21.6	49.2	52.5	3,763	-21.5	2.3	3.1	
21	Rohm	209	Japan	262.40	-2.4	0.7	2,964	-5.5	0.4	20,539	0.6	1.2	8.9	8.6	-5.9	17.3	12.8	13.2	5,696	15.6	13.7	17.5	
22	Xilinx	212	USA	255.68	-0.7	2.9	1,313	-0.9	1.9	3,145	-7.9	-1.5	19.5	19.4	20.2	22.6	81.3	75.4	4,268	-17.6	2.1	2.5	
23	Advantest	219	Japan	242.12	3.4	5.1	1,451	-22.2	-8.6	3,666	0.8	0.9	16.7	12.6	11.8	24.7	66.0	64.4	3,696	12.7	6.6	3.2	
24	Lam Research	229	USA	232.92	13.5	18.6	1,781	-3.6	18.1	3,800	26.7	20.0	13.1	11.1	20.5	30.9	61.3	68.4	2,653	-17.5	3.1	2.3	
25	National Semiconductor	235	USA	220.15	-15.7	-2.1	1,051	-22.6	-12.2	5,800	-20.5	-12.0	21.0	19.2	12.5	26.7	38.0	35.8	2,556	-31.3	5.7	5.9	
26	Avago Technologies	254	Singapore	190.65	29.3		1,225	11.5		3,600	-2.7		15.6	13.4	8.9	-6.6	53.0	39.9			3.8	2.4	
27	Atmel	256	USA	187.28	-4.3	-2.0	1,127	-4.4	-2.2	6,400	-13.5	-7.5	16.6	16.6	-0.9	3.2	20.3	26.4	1,285	-3.9	2.8	4.3	
28	Altera	257	USA	185.41	-3.0	7.1	964	8.2	6.8	2,760	4.1	5.3	18.8	21.0	29.6	21.8	67.2	72.1	3,977	-20.1	2.9	2.5	
29	United Microelectronics	263	Taiwan	181.39	-14.1	-4.9	2,122	-14.6	-1.2	12,458	-15.1	1.1	8.5	8.5	-29.4	3.3	14.6	14.4	3,951	-10.5	11.9	25.0	
30	ON Semiconductor	274	USA	168.28	75.9	35.7	1,478	31.2	17.7	14,172	21.6	10.4	11.4	8.5	-17.9	17.7	11.9	8.2	2,381	-15.8	4.6	9.0	
31	Novellus Systems	284	USA	158.03	-8.9	-3.9	727	-35.6	-9.0	3,048	-17.6	-5.0	21.7	15.4	-10.8	17.7	51.8	46.9	1,214	-21.3	1.8	2.1	
32	Teradyne	287	USA	155.73	5.9	-1.0	796	-0.6	1.0	3,800	5.6	-1.7	19.6	18.4	-36.0	4.0	41.0	40.8	991	-12.9	7.9	7.7	
33	Linear Technology	316	USA	141.79	7.4	14.5	845	8.5	3.8	4,173	8.8	9.1	16.8	16.9	48.4	48.4	34.0	34.4	4,280	-18.8	3.0	5.7	
34	Nanya Technology	321	Taiwan	140.23	-1.3	6.9	807	-32.2	-9.8				17.4	11.9	-32.5	-23.9			999	-22.6	33.8	86.9	
35	Cypress Semiconductor	326	USA	139.23	3.0	-5.1	1,297	12.9	26.7	4,100	-48.1	-7.0	10.7	11.8	-20.9	-1.0	34.0	17.1	1,230	-57.6	2.3	14.4	
36	Realtek Semiconductor	341	Taiwan	130.12	95.3	44.7	368	6.3	15.3				35.3	19.2	6.2	8.9			759	-6.1	6.9	4.8	
37	Dainippon Screen Mfg	343	Japan	128.96	-3.8	8.8	2,221	-7.1	1.3	5,041	5.1	3.5	5.8	5.6	3.7	9.9	25.6	27.9	638	-0.8	5.2	3.4	
38	Chartered Semiconductor	346	Singapore	127.96	11.3	13.4	1,195	22.5	17.2	6,004	-2.7		11.8			3.2	21.3		1,066		34.7	55.9	
39	RF Micro Devices	358	USA	122.86	-17.6	0.4	638	-7.3	4.8	4,095	-11.9	10.8	19.3	21.7	-96.1	-							

49	Advanced Semiconductor Engineering	471	Taiwan	84.99	18.0	11.7	2,070	-6.7	3.1	26,977		-2.4	4.1	3.2	11.8	17.8	3.2	2,887	-16.2	19.7	17.0		
50	Microchip Technology	476	USA	83.11	-4.4	6.8	650	-12.8	-0.9	4,895	1.7	4.1	12.8	11.7	25.3	29.4	17.0	18.1	3,558	-17.3	11.3	6.7	
51	Micronas Semiconductor	477	Switzerland	82.83	-35.0	-7.1	404	-16.2	-10.9	1,880	-13.0	-5.3	20.5	26.4	-8.4	-73.4	44.1	59.0	88	-37.4	3.0	3.2	
52	Fairchild Semiconductor	485	USA	81.22	2.8	13.3	1,133	-5.7	3.4	9,771	0.8	3.0	7.2	6.6	-9.3	6.1	8.3	8.2	813	-28.8	10.7	8.4	
53	Zoran	486	USA	80.98	-0.5	8.1	316	-13.6	3.5	1,411	-0.7	8.9	25.7	22.3	-49.5	0.0	57.4	57.3	427	34.7	1.3	1.9	
54	Varian Semiconductor Equipment	493	USA	80.03	6.9	12.7	600	-20.9	11.6	1,545	-9.2	0.6	13.3	9.9	18.3	24.4	51.8	44.0	1,596	-3.6	1.1	1.0	
55	Sumco	504	Japan	78.52	-8.6	29.6	3,111	-17.5	21.1				2.5	2.3	10.1	28.4		9.0	3,624	-8.8	37.5	31.3	
56	Winbond Electronics	505	Taiwan	78.29	-28.4	-15.1	562	-22.0	-3.6				13.9	15.2	-30.0	-17.1			544	6.8	55.4	24.8	
57	International Rectifier	517	USA	76.13	-13.8	0.3	709	-18.1	-5.7	5,100	-7.3	-5.3	10.7	10.2	-13.8	10.0	14.9	16.1	874	-10.1	4.2	10.0	
58	Verigy	526	Singapore	74.10	13.2		497	-9.2		1,650	6.5		14.9	12.0	2.6	13.0	44.9	42.2	522		1.7	1.6	
59	Semiconductor Manufacturing	530	China	73.56	5.4	9.0	974	-12.7	4.9	10,598	4.9	5.2	7.6	6.3	-4.6	-7.5	6.9	6.9	809	29.3	49.4	46.3	
60	Interdigital	535	USA	72.85	16.2	17.1	164	-2.5	11.9	379	-0.3	6.4	44.3	37.2	16.0	9.8	192.2	165.0	957	17.8	2.5	5.9	
61	Silicon Laboratories	536	USA	72.81	13.3	0.0	299	8.3	-0.8	727	29.4	3.7	24.3	23.3	10.4	6.5	100.2	114.3	1,360	18.9	3.0	1.4	
62	Powerchip Semiconductor	540	Taiwan	72.05	18.0	24.1	1,198	-29.5	0.5				6.0	3.6	-96.0	-18.6		9.9	610	-53.2	37.0	81.8	
63	Macronix International	545	Taiwan	70.76	-0.4	3.5	537	-3.4	9.7				13.2	12.8	14.8	16.2			1,139	17.4	7.6	15.9	
64	Taiyo Yuden	546	Japan	70.54	8.3	5.4	1,891	7.7	11.4	20,117	-1.3	4.6	3.7	3.7	8.1	9.7	3.5	3.2	1,113		18.7	13.7	
65	Cymer	554	USA	69.40	17.9	14.6	330	-12.0	6.2	994	-2.7	4.2	21.0	15.7	13.1	21.9	69.8	57.6	732	24.3	5.2	5.1	
66	ProMOS Technologies	569	Taiwan	66.87	-10.7	3.4	675	-35.7	1.1	6,800	-9.3	16.3	9.9	7.1	-104.1	-17.1	9.8	10.0	221	-69.5	44.7	121.9	
67	Disco	577	Japan	66.13	29.9	10.0	727	6.3	14.9	2,260	12.3	10.4	9.1	7.4	21.3	21.1	29.3	25.3	1,424	51.3	10.3	5.7	
68	TriQuint Semiconductor	582	USA	65.81	40.0	25.1	413	20.5	23.5	2,297	22.0	13.4	16.0	13.7	-2.8	3.4	28.7	25.0	751	20.3	15.3	6.8	
69	Himax Technologies	595	Cayman Islands	63.00	3,788.9	310.6	599	2,876.4	269.9	1,214	15.6	19.2	10.5	8.0	7.3	11.4	51.9	1.5	478		2.1	2.1	
70	OmniVision Technologies	614	USA	61.07	7.0	27.9	365	-36.6	1.0	1,328	-29.4	-6.9	16.7	9.9	-7.5	8.0	46.0	30.3	468	11.5	6.4	3.8	
71	Silicon Image	616	USA	61.02	8.8	23.7	197	-14.4	8.9	610	23.9	16.7	30.9	24.3	-2.4	8.8	100.0	88.4	146	-62.0	2.6	4.2	
72	Applied Micro Circuits	619	USA	60.93	-13.2	-2.4	154	-13.0	-6.5	551	-5.5	-2.9	39.5	39.6	-127.9	-51.3	110.6	120.4	374	0.4	3.4	2.9	
73	Tokyo Seimitsu	620	Japan	60.79	0.3	6.7	729	-8.5	2.7	1,318	6.7	4.8	8.3	7.6	11.0	13.4	46.1	49.1	424	4.6	5.5	3.1	
74	Infinera	648	USA	57.86	32.2	47.6	374	111.2	401.0	937	31.8		15.5	24.8	14.1	-24.1	61.8	61.6	527		4.4	8.2	
75	MKS Instruments	661	USA	56.50	8.8	12.0	465	-17.1	8.3	2,631	-10.0	5.0	12.1	9.2	5.4	13.5	21.5	17.8	660	-13.6	2.1	1.9	
76	Credece Systems (now part of LTX-Cr)	668	USA	55.51	-15.6	-1.4	332	-2.8	1.6	1,324	-7.9	-11.1	16.7	19.3	3.7	-100.5	41.9	45.7			1.3	1.2	
77	Rambus	677	USA	54.84	-8.0	23.0	103	-20.8	-3.2	330	-23.3	-0.3	53.5	46.1	-62.3	-39.0	166.2	138.7		6.9	3.9		
78	Standard Microsystems	690	USA	53.36	3.5	8.4	234	-13.9	0.7	946	6.5	7.2	22.8	19.0	-17.8	10.0	56.4	58.1	372	-17.3	5.5	3.5	
79	DSP	697	USA	53.13	26.3	22.4	220	22.9	17.8	446	-11.2	15.3	24.2	23.5	-67.6	-5.2	119.1	83.8	144	-1.0	2.7	1.4	
80	FEI	729	USA	50.63	6.6	5.5	431	1.1	11.9	1,830	-1.9	4.6	11.7	11.1	4.4	8.7	27.7	25.5	614	-13.6	2.3	3.1	
81	Lattice Semiconductor	746	USA	49.36	-17.3	-10.4	160	-2.8	1.7	753	-14.7	-6.1	30.9	36.3	-2.8	-18.4	-107.9	65.6	67.6	188	-8.4	4.6	4.8
82	Actel	766	USA	47.24	3.0	10.9	157	10.8	6.8	550	-5.8	-0.9	30.1	32.3	-1.5	-6.1	85.9	78.5	214	-13.7	9.8	6.6	
83	FormFactor	769	USA	47.13	7.5	33.3	151	-54.5	-4.0	940	-16.4	12.9	31.2	13.2	-66.0	20.3	50.1	39.0	776		14.4	10.5	
84	Accellis Technologies	790	USA	45.51	-12.2	-3.7	180	-38.2	-12.4	1,154	-26.7	-9.9	25.3	17.8	-76.2	-2.6	39.4	32.9	39	-89.5	1.4	2.6	
85	Tessera Technologies	807	USA	44.32	64.1	127.2	179	26.9	37.9	417	9.4	37.0	24.8	19.2	7.7	33.8	106.3	70.9	953		5.7	5.8	
86	SEZ (now part of Lam Research, USA)	818	Switzerland	43.30	12.6	12.9	224	-15.6	2.8	880	13.0	9.9	19.4	14.5	-4.6	7.7	49.2	49.4			6.1	9.6	
87	Kulicke & Soffa	821	USA	43.11	18.2	13.5	541	7.4	10.2	2,496	-5.7	-9.1	8.0	7.2	0.1	5.2	17.3	13.8	273	25.5	1.0	0.8	
88	Silicon Storage Technology	831	USA	42.41	3.9	6.3	227	-23.4	-9.9	614	-14.1	-0.9	18.7	13.8	-15.4	-13.0	69.1	57.1	122	-50.0	2.6	1.5	
89	Cree	832	USA	42.34	0.0	11.2	355	25.2	8.2	3,168	22.9	33.8	11.9	14.9	2.5	4.3	13.4	16.4	2,208	80.8	11.3	21.0	
90	Amkor Technology	846	USA	40.45	35.0	14.6	1,913	-3.0	8.2	20,500	-5.1	-5.1	2.1	1.5	-3.5	14.2	2.0	1.4	752	-35.0	14.5	8.6	
91	Mindspeed Technologies	847	USA	40.44	-2.2	-7.6	116	25.7	12.9	484	-8.2	-2.6	35.0	44.9	6.3	-15.3	83.6	78.4	42	-37.6	4.7	3.2	
92	Entropic Communications	850	USA	40.12	58.3	79.9	105	19.2	239.7	297	5.7		38.2	28.8	-93.6	-26.0	135.1	90.2	160		5.1	4.9	
93	Micrel	858	USA	39.53	0.8	6.8	187	0.5	1.2	852	-7.7	-1.2	21.2	21.1	15.6	24.5	46.4	42.5	352	-24.9	4.3	7.8	
94	Anadigics	866	USA	39.18	17.0	22.1	186	11.7	33.6	657	5.1	14.4	21.1	20.1	-17.3	0.4	59.6	53.6	170	-37.1	21.1	14.1	
95	Opnext	868	USA	38.88	41.0		229	12.4		627	43.2		17.0	13.5	41.4	3.5	62.0	62.9	140		1.3	1.8	
96	Trident Microsystems	879	USA	37.85	18.2	26.3	186	-4.7	55.2	624	20.0	22.0	20.4	16.4	-4.8	15.5	60.7	61.6	76	-39.8	2.4	6.5	
97	Netlogic Microsystems	899	USA	37.13	14.2	34.7	101	28.3	19.6	255	13.3	32.3	36.9	41.4	0.0	-2.0	145.6	144.4	636		1.0	2.0	
98	Vitesse Semiconductor	922	USA	35.96	5.9	-21.0	166	4.2	6.6	502	-2.3	-11.3	21.6	21.3	4.0	0.0	71.6	66.1	44		2.1	0.4	
99	Cabot Microelectronics	930	USA	35.36	-1.6	4.6	270	10.9	11.5	818	10.2	8.0	13.1	14.8	13.3	12.9	43.2	48.5	550	-20.2	5.1	3.0	
100	Shinko Electric Industries	939	Japan	34.89	10.6	11.5	1,706	4.4	12.6	4,941	0.0	-0.4	2.0	1.9	9.4	15.9	7.1	6.4	1,709				
101	LTX (now LTX-Credence)	972	USA	33.11	-8.0	-11.5	98	-8.0	0.3	466	6.9	-0.5	33.9	33.9	-3.5	-7.1	71.1	82.6	75	-18.8	5.5	5.7	
102	Zarlink Semiconductor	973	Canada	33.09	-3.6	7.0	163	23.7	8.3	606	-10.0	-6.7	20.2	26.0	-20.4	-24.1	54.6	51.0	56	-13.3	1.6	4.1	
103	OSI Systems	979	USA	32.63	2.0	14.1	448	17.1	17.4	3,366	-3.3	12.9	7.3	8.4	2.9	17.0	9.2	230	56		1.9	2.9	
104	Microsemi	986	USA	32.38	6.8	33.5	370	16.2	20.0	2,300	0.0	16.8	8.8	9.5	12.3	3.8	14.1	13.2	796	-46.9	4.9	4.2	
105	Cirrus Logic	993	USA	31.88	-5.9	-0.6	126	-4.0	-3.4	479	1.3	4.1	25.4	25.9	1.9	-8.2	66.6	71.6	232	-16.1	1.8	2.0	
<b>Telecommunications equipment (\$578)</b>				<b>14,063.35</b>	<b>8.7</b>	<b>12.3</b>	<b>111,882</b>	<b>6.2</b>	<b>9.7</b>	<b>421,400</b>	<b>6.5</b>	<b>7.9</b>	<b>12.6</b>	<b>12.3</b>	<b>8.3</b>	<b>10.9</b>	<b>33.2</b>	<b>32.6</b>	<b>246,069</b>	<b>-18.5</b>	<b>8.3</b>	<b>4.8</b>	<b>4.0</b>
				<i>43</i>	<i>42</i>	<i>41</i>	<i>43</i>	<i>42</i>	<i>41</i>	<i>41</i>	<i>40</i>	<i>36</i>	<i>43</i>	<i>42</i>	<i>43</i>	<i>41</i>	<i>41</i>	<i>41</i>	<i>41</i>	<i>36</i>	<i>42</i>	<i>41</i>	<i>41</i>
1	Cisco Systems	14	USA	3,707.24	14.5	15.8	28,446	13.2	16.8	66,129	7.5	19.8	13.0	12.9	23.9	25.0	56.1	52.6	88,428	-11.8	3.2	3.6	
2	Motorola	21	USA	2,956.15	-7.2	3.7	21,888	-17.7	-6.5	64,000	-3.0	-2.5	13.6	12.1	-9.2	-1.6	46.2	48.3	11,989	-19.8	1.7	1.4	
3	Qualcomm	38	USA	1,641.03	24.7	31.2	8,016	25.6	25.2	15,400	20.3	18.3	20.5	20.6	33.5	32.5	106.6	102.8	55,168	-15.6	12.5	9.2	
4	Nortel Networks	53	Canada	1,131.67	-8.7	-5.4	7,497																

11	Brocade Communications	260	USA	183.87	19.8	25.0	1,055	18.6	36.7	2,834	19.7	34.7	17.4	17.2	1.2	8.1	64.9	64.8	2,324	25.7	9.8	4.6
12	OKI Electric	312	Japan	144.69	-14.4	-6.1	5,712	0.1	1.5	22,640	5.9	3.5	2.5	3.0	0.5	-1.6	6.4	7.9	537	-29.8	3.5	3.7
13	JDS Uniphase	335	USA	135.33	11.7	26.2	1,101	9.5	29.0	7,100	1.4	12.2	12.3	12.1	-5.1	-8.5	19.1	17.3	912	-49.4	3.4	5.4
14	3Com	342	USA	129.48	-12.9	20.9	947	1.7	18.3	5,668	-3.9	1.7	13.7	16.0	11.4	-16.6	22.1	24.4	1,168	85.5	1.3	1.4
15	Ciena	348	USA	125.92	37.5	8.4	649	15.7	28.3	2,203	22.6	13.7	19.4	16.3	2.4	4.6	57.2	51.0	821	-22.8	3.3	4.1
16	Nextwave Wireless	408	USA	103.81	-3.6	84.1	90	111.9	182.9	688	-37.7		115.2	253.2	-420.3	-491.0	150.9	97.4	27		2.3	50.6
17	UTStarcom	410	USA	103.23	-14.8	-17.2	1,180	-33.5	-17.6	4,400	-13.7	-11.3	8.7	6.8	-10.4	-9.1	23.5	23.8	155	-48.9	0.9	1.1
18	Polycm	432	USA	97.33	-2.7	13.9	769	15.0	22.6	2,648	6.9	17.4	12.7	14.9	8.6	8.2	36.8	40.4	1,391	-7.6	4.4	3.2
19	Aris	487	USA	80.97	58.0	23.2	823	15.4	18.9	1,838	-7.7	35.9	9.8	7.2	-10.2	11.7	44.1	25.7	1,198	50.0	1.9	1.5
20	Sirf Technology (now part of CSR, UK)	507	USA	78.21	12.4	42.4	167	-29.4	12.1	571	-24.2	17.3	46.8	29.4	-156.3	-4.2	137.0	92.4			3.1	2.5
21	F5 Networks	521	USA	75.61	52.3	49.7	468	23.7	32.2	1,694	7.1	28.8	16.2	13.1	15.5	18.9	44.6	31.4	2,053	12.2	4.3	3.1
22	Tekelec	539	USA	72.38	9.1	-7.1	331	0.2	-5.0	1,085	16.5	-14.9	21.8	20.1	13.8	-4.3	66.7	71.3	795	-0.4	4.3	4.4
23	Finisar	574	USA	66.23	20.3	21.0	389	23.0	14.1	5,004	11.8	10.7	17.0	17.4	-47.4	-14.3	13.2	12.3	218	-27.9	4.4	6.2
24	ADC Telecommunications	622	USA	60.07	20.0	5.3	1,075	12.2	8.2	10,600	17.1	8.9	5.6	5.2	4.3	4.8	5.7	5.5	630	-20.2	2.8	2.4
25	ADTRAN	631	USA	58.86	8.6	9.3	360	5.0	-0.8	1,644	2.0	1.0	16.3	15.8	22.9	22.2	35.8	33.7	1,043	2.8	1.9	1.4
26	Aastra Technologies	655	Canada	57.10	79.3	24.4	485	37.2	16.8	2,200	30.2	6.9	11.8	9.0	2.1	7.3	26.0	18.8	169	-9.6	2.3	2.2
27	Foundry Networks (now part of Brocade)	669	USA	55.43	9.0	20.6	437	28.3	14.1	981	20.2	14.2	12.7	14.9	13.6	6.1	56.5	62.3			1.2	1.7
28	Airvana	684	USA	53.83	-2.4	20.4	99	-54.8	288.9	555	-0.9		54.1	25.1	20.2	54.1	97.0	98.5	277		1.3	1.0
29	Sonus Networks	706	USA	51.96	-8.7	15.9	226	-1.9	17.3	991	7.0	11.3	23.0	24.7	-16.5	-15.8	52.4	61.5	366	-52.1	3.1	3.6
30	Plantronics	711	USA	51.84	-6.4	4.7	551	-10.6	0.7	3,600	-28.0	-21.0	9.4	9.0	-10.6	9.3	14.4	11.1	895	5.2	3.1	2.7
31	Tandberg	753	Norway	48.56	33.4	33.8	582	28.3	32.8	1,451	34.2	28.9	8.3	8.0	21.8	23.2	33.5	33.7	1,630	8.4	1.9	2.5
32	Extreme Networks	778	USA	46.29	-4.1	1.6	260	5.5	-1.9	861	4.4	1.1	17.8	19.6	0.4	-6.5	53.8	58.5	171	-34.3	2.1	1.4
33	Alvarion	822	Israel	42.94	16.1	15.3	202	18.9	12.9	976	-6.4	-2.0	21.2	21.7	-7.1	-1.2	44.0	35.4	171	-38.3	3.8	2.9
34	VTech	840	Hong Kong	40.94	10.9	12.2	1,042	-6.7	6.3	28,300	-2.4	4.9	3.9	3.3	12.6	13.5	1.4	1.3	1,389	29.5	1.9	3.0
35	Harmonic	865	USA	39.19	27.0	12.6	263	17.3	12.3	698	6.1	4.1	14.9	13.8	10.3	6.2	56.1	46.9	453	-16.7	2.3	1.9
36	BigBand Networks	868	USA	38.88	4.2	20.7	133	5.0	23.7	485	-6.4		29.2	29.4	2.8	-17.2	80.2	72.0	186		6.0	7.0
37	Starent Networks	901	USA	37.09	32.7	41.7	183	74.3	62.1	774	26.9		20.3	26.7	20.5	4.7	47.9	45.8	1,200		8.2	11.4
38	Sierra Wireless	944	Canada	34.75	24.2	16.7	408	29.0	74.3				8.5	8.8	7.9	8.8	74.4	176		-36.0	3.5	2.3
39	Sycamore Networks	953	USA	34.10	3.2	2.9	83	-26.0	20.8	492	15.5	21.3	41.0	29.4	-33.2	-38.1	69.3	77.5	632	-11.6	10.3	6.3
40	ZyXEL Communications	969	Taiwan	33.18	48.0		331	-5.7					10.0	6.4	2.5	8.7			232	-35.1		
41	Harris Stratex Networks	970	USA	33.17			517			1,410			6.4		-1.9		23.5		290		1.3	
42	Elltek	980	Norway	32.62	9.0	40.8	612	23.6	41.9	3,368	16.9	58.4	5.3	6.0	-10.3	1.6	9.7	10.4	168	-15.0	2.5	4.0
43	SonicWALL	994	USA	31.78	12.1	24.7	157	9.8	17.3	820	21.7	26.6	20.2	19.8	2.0	-0.4	38.8	42.1	286	22.5	2.3	3.8