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SHAREHOLDER VALUE CREATION OF MICROSOFT AND GE

Pablo Fernández *

^{*} Professor of Financial Management, PricewaterhouseCoopers Chair of Finance, IESE

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SHAREHOLDER VALUE CREATION OF MICROSOFT AND GE

Abstract:

In this paper, we will define and analyze shareholder value creation. To help us understand this concept better, we will use the example of two listed companies, General

Electric and Microsoft, between 1992 and 2003.

To obtain the created shareholder value, we must first define the increase of equity market value, the shareholder value added, the shareholder return, and the required return to

equity.

A company creates value for the shareholders when the shareholder return exceeds the required return to equity (Ke). In other words, a company creates value when it

outperforms expectations.

The created shareholder value is quantified as follows:

Created shareholder value = Equity market value x (Shareholder return - Ke)

The created shareholder value can also be calculated as follows:

Created shareholder value = Shareholder value added - (Equity market value x Ke)

We also calculate the created shareholder value of 400 American companies during

the eleven-year period 1992-2003.

JEL Classification: G12, G31, M21

Keywords: Value creation, Shareholder value added

SHAREHOLDER VALUE CREATION OF MICROSOFT AND GE*

In this paper, we will define and analyze shareholder value creation. To help us understand this concept better, we will use the example of two listed companies, General Electric and Microsoft, between 1992 and 2003.

On December 31, 1992, General Electric had 854.04 million shares outstanding and the price of each share on the stock market was 85.49 dollars. On December 31, 2003, General Electric had 10,063.12 million shares outstanding and the price of each share on the stock market was 30.98 dollars¹. Consequently, General Electric's equity market value² increased from 73.02 billion dollars in December 1992 to 311.06 billion dollars in December 2003³. The increase of equity market value during this period was 238.05 billion dollars. However, this is not General Electric's created shareholder value during those years.

On December 31, 1992, Microsoft had 275.06 million shares outstanding and the price of each share was 85.37 dollars. On December 31, 2003, Microsoft had 10,812.47 million shares outstanding and the price of each share on the stock market was 27.37 dollars⁴. Consequently, Microsoft's equity market value increased from 23.48 billion dollars in December 1992 to 295.94 billion dollars in December 2003. The increase of equity market value during this period was 272.45 billion dollars.

To obtain the created shareholder value, we must first define the increase of equity market value, the shareholder value added, the shareholder return, and the required return to equity. It is important not to confuse the created shareholder value with any of the other concepts we have mentioned. All of these concepts will be explained in this paper.

Figure 1 shows that between December 1992 and December 2003, General Electric's equity market value increased 238.05 billion dollars, the shareholder value added was 289.89 billion dollars, and the created shareholder value was 197.93 billion dollars.

^{*} Another version of this paper may be found in chapters 1 and 13 of the author's book *Valuation Methods and Shareholder Value Creation*, 2002, Academic Press, San Diego, CA.

¹ GE had three stock splits in between: 2x1 on May 13, 1994; 2x1 on May 9, 1997; and 3x1 on May 5, 2000.

² The equity market value is the value of all of the company's shares.

On December 31, 2003: 10,063.12 million shares x 30.98 dollars/share = 311.06 billion dollars.

⁴ Microsoft had five 2x1 stock splits in between: May 20, 1994; December 6, 1996; February 20, 1998; March 26, 1999; and February 14, 2003.

Figure 1. General Electric. December 1992-December 2003. Increase of equity market value, shareholder value added, and created shareholder value (billion dollars)

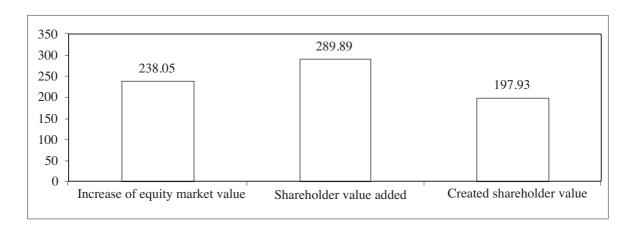
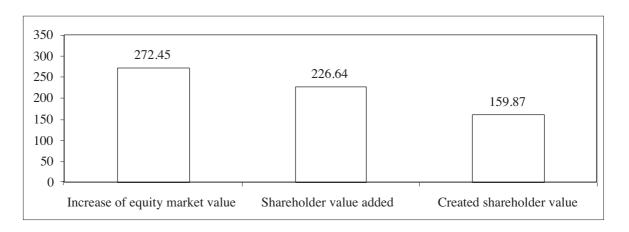
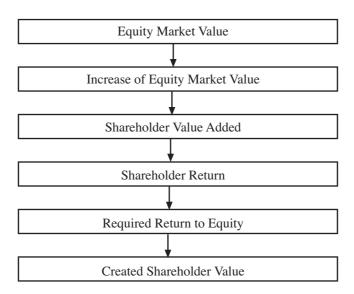


Figure 2. Microsoft. December 1992-December 2003.

Increase of equity market value, shareholder value added, and created shareholder value (billion dollars)





1. Increase of equity market value

The equity market value of a listed company is the company's market value, that is, each share's price times the number of shares. The increase of equity market value in one year is the equity market value at the end of that year minus the equity market value at the end of the previous year.

Table 1 shows the evolution of General Electric's equity market value and the increase of equity market value during each year. It is important not to confuse the *increase of equity market value* with the *shareholder value added*, as they are two different concepts, as we shall see in the following section.

Table 1. General Electric and Microsoft.

Equity market value and increase of equity market value during each year (billion dollars)

| General Electric | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | Sum |
|---------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| Number of shares (million) | | 1,710 | 1,670 | , | 3,273 | . , | 3,278 | . , | 9,927 | - , | 10,063 | |
| Equity market value | 89.45 | 87.19 | 120.26 | 162.79 | 240.14 | 334.24 | 507.22 | 475.00 | 397.89 | 242.27 | 311.07 | |
| Increase of equity market value | 16.43 | -2.26 | 33.07 | 42.53 | 77.35 | 94.10 | 172.98 | -32.21 | -77.11 | -155.62 | 68.80 | 238.05 |

| Microsoft | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | Sum |
|---|----------------|----------------|----------------|----------------|-------|------------------|-------|--------|-------|------------------|--------|--------|
| Number of shares (million) | 284 | 582 | 592 | 1,195 | 1,207 | 2,494 | 5,160 | 5,332 | 5,386 | 5,351 | 10,812 | |
| Equity market value Increase of equity market value | 22.88 -0.60 | 35.60 12.72 | 51.97 16.38 | 98.75 46.78 | | 345.83 189.86 | | 231.29 | | 276.63 -80.18 | 19.31 | 272.45 |

2. Shareholder value added

Shareholder value added is the term used for the difference between the wealth held by the shareholders at the end of a given year and the wealth they held the previous year. The *increase of equity market value* is not the *shareholder value added*.

There is an increase in the equity market value, but not in shareholder value added, when:

- Shareholders subscribe to new shares of the company paying money, and when
- A conversion of convertible debentures takes place.

There is a decrease of the equity market value, but not a decrease of shareholder value⁵, when:

- The company pays money to all of the shareholders: dividends, and when
- The company buys shares on the market (share buy-backs)

When the company pays dividends to the shareholders, they receive money, but the company's equity market value (and the price per share) also decreases by a similar amount

The shareholder value added is calculated as follows:

Shareholder value added =

Increase of equity market value

- + Dividends paid during the year
- Outlays for capital increases
- + Other payments to shareholders (discounts on par value, share buy-backs....)
- Conversion of convertible debentures

Table 2 shows the calculation of the shareholder value added for the period 1993-2003. The shareholder value added exceeded the increase of equity market value every year. This is because the dividends and other payments to shareholders exceeded the outlays the shareholders had to make.

Table 2. General Electric and Microsoft.

Increase of equity market value and shareholder value added each year (billion dollars)

| General Electric | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | Total |
|------------------------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|---------|-------|--------|
| Increase of equity market value | 16.43 | -2.26 | 33.07 | 42.53 | 77.35 | 94.10 | 172.98 | -32.21 | -77.11 | -155.62 | 68.80 | 238.05 |
| + Dividends | 2.15 | 2.46 | 2.77 | 3.05 | 3.41 | 3.91 | 4.58 | 5.40 | 6.36 | 7.16 | 7.64 | 48.89 |
| + Other payments to shareholders | 0.84 | 0.74 | 3.51 | 2.86 | 2.18 | 2.82 | 1.46 | 0.00 | 2.44 | 0.99 | 0.00 | 17.84 |
| - Outlays by shareholders | 0.41 | 0.77 | 0.00 | 0.00 | 0.00 | 2.39 | 0.00 | 3.58 | 3.25 | 2.56 | 1.94 | 14.90 |
| - Convertible debentures converted | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| Shareholder value added | 19.02 | 0.18 | 39.35 | 48.44 | 82.93 | 98.44 | 179.02 | -30.39 | -71.57 | -150.03 | 74.50 | 289.89 |

| Microsoft | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | Total |
|------------------------------------|-------|-------|-------|-------|-------|--------|--------|---------|--------|--------|-------|--------|
| Increase of equity market value | -0.60 | 12.71 | 16.38 | 46.78 | 57.21 | 189.86 | 256.61 | -371.14 | 125.52 | -80.18 | 19.31 | 272.45 |
| + Dividends | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.86 | 0.86 |
| + Other payments to shareholders | 0.25 | 0.35 | 0.65 | 1.26 | 3.10 | 2.50 | 2.98 | 4.91 | 7.44 | 3.31 | 0.80 | 27.55 |
| - Outlays by shareholders | 0.96 | 1.25 | 1.52 | 2.14 | 4.59 | 13.62 | 23.17 | 12.39 | 10.98 | 1.50 | 2.12 | 74.22 |
| - Convertible debentures converted | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| Shareholder value added | -1.31 | 11.81 | 15.51 | 45.90 | 55.73 | 178.74 | 236.42 | -378.62 | 121.98 | -78.36 | 18.84 | 226.64 |

However, the *shareholder value added* is not the *created shareholder value*. For value to be created during a period, the shareholder return must exceed the required return to equity.

3. Shareholder return

The *shareholder return* is the shareholder value added in one year, divided by the equity market value at the beginning of the year.

Shareholder return = Shareholder value added / Equity market value

For example, as Table 3 shows, General Electric's shareholder return in 1998 was 41%: the shareholder value added in 1998 (98.44 billion dollars) divided by the equity market value at the end of 1997 (240.14 billion dollars).

Table 3. Shareholder return of General Electric and Microsoft

| | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | Average |
|-------------------------------|------------|-----------|------|------|------|-------------|------|------|-------------|------|------|------------|
| Microsoft General Electric | -6% 26% | 52% 0% | | | | 115% 41% | | | 53% -15% | | | 24% 17% |

One way to calculate the shareholder return is: increase in the share's price plus dividends, rights and other payments (discounts on par value, special payments...) divided by the share's price at the start of the year.

4. Required return to equity

The required return to equity (Ke, also called cost of equity) is the return that shareholders expect to obtain in order to feel sufficiently remunerated. The required return to equity depends on the interest rates of long-term Treasury bonds and the company's risk. Let us look at an example. On December 2002, the return provided by 10-year Treasury bonds was 3.79%. A shareholder would therefore demand a return on his investment higher than the 3.79% he could get risk-free. How much higher? That depends on the company's risk. Obviously, he would require a higher return on an investment in shares from a high-risk company than on an investment in shares from a lower-risk company.

The required return is the sum of the interest rate of long-term Treasury bonds plus a quantity that is usually called the company's **risk premium** and that depends on its risk.

Ke is the term used for the required return to equity (return on the investment required by the shareholder), also known as the equity cost.

If the one-year, risk-free interest rate is 12%, this means that one million dollars to be paid in one year's time with the guarantee of the State (this is what we mean by the expression "risk-free") today has a value of 1,000,000/1.12 = 892,857 dollars. The value today of obtaining a million dollars in one year's time, as a result of an investment in a company's shares, will be less because that million has more risk (we have less certainty of obtaining it). For the value today of our investment in the company to be less than 892,857 dollars, we must divide the million we expect to obtain by a quantity greater than 1.12. If we give our investment in the company a value of 833,333 dollars (1,000,000/1.20 = 833,333), this means that we are restating at 20% less the million we expect to obtain in one year's time.

Another way of saying this is that the return we require on an investment guaranteed by the State is 12% (the risk-free interest rate) and the required return on an investment in the company is 20%. The difference between 20% and 12% is due to the risk perceived in a company and is usually called the company's risk premium.

Stating this idea as an equation, we could say that the required return on the investment in the company's shares (Ke) is equal to the risk-free rate plus the company's risk premium. The company's risk premium is a function of the company's perceived risk⁶:

Ke = return of Treasury bonds + company's risk premium

Table 4 shows the evolution of 10-year Treasury bonds and the required return to equity of General Electric and Microsoft.

Table 4. Yield of 10-year Treasury bonds and required return to equity of General Electric and Microsoft (data corresponding to December, 31)

| | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | Average |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| 10-year Treasury bonds (t-1) | 6.68% | 5.80% | 7.84% | 5.58% | 6.42% | 5.74% | 4.65% | 6.43% | 5.10% | 5.04% | 3.79% | 5.73% |
| Required return to equity (Ke) General Electric | 10.7% | 9.5% | 11.8% | 9.0% | 10.1% | 8.9% | 7.4% | 9.8% | 8.3% | 8.2% | 7.0% | 9.1% |
| Required return to equity (Ke) Microsoft | 11.7% | 10.2% | 12.7% | 9.5% | 10.9% | 9.5% | 8.1% | 11.1% | 9.7% | 9.4% | 8.0% | 10.1% |

5. Created shareholder value

A company creates value for the shareholders when the shareholder return exceeds the share cost (the required return to equity). In other words, a company creates value in one year when it outperforms expectations.

The created shareholder value is quantified as follows:

Created shareholder value = Equity market value x (Shareholder return - Ke)

As we already saw that the shareholder return is equal to the shareholder value added divided by the equity market value, the created value can also be calculated as follows:

⁶ If, instead of investing in a single company's shares, we were to invest in all companies' shares (in a diversified portfolio), we would then require a return which is the following: Ke = return of Treasury bonds + market risk premium.

By way of reference, in 2003 and 2000, most market analysts used a market risk premium around 4%.

Created shareholder value = Shareholder value added - (Equity market value $x ext{ Ke}$)

Consequently, the value created is the shareholder value added above expectations, which are reflected in the required return to equity.

Table 5 shows the created shareholder value of General Electric. General Electric created value for its shareholders every year except the years 1994, 2000, 2001 and 2002. Microsoft was a value destroyer in the years 1993, 2000, 2002 and 2003.

Table 5. General Electric and Microsoft. Evolution of the increase of equity market value, shareholder value added, and created shareholder value (billion dollars)

| General Electric | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | Total |
|---------------------------|-------|--------|-------|-------|--------|--------|--------|---------|---------|---------|-------|--------|
| Increase of equity market | | | | | | | | | | | | |
| value | 16.43 | -2.26 | 33.07 | 42.53 | 77.35 | 94.10 | 172.98 | -32.21 | -77.11 | -155.62 | 68.80 | 238.05 |
| Shareholder value added | 19.02 | 0.18 | 39.35 | 48.44 | 82.93 | 98.44 | 179.02 | -30.39 | -71.57 | -150.03 | 74.50 | 289.89 |
| Created shareholder value | 11.22 | -8.29 | 29.04 | 37.60 | 66.50 | 77.17 | 154.13 | -80.07 | -111.02 | -182.82 | 57.57 | 51.01 |
| Created shareholder | | | | | | | | | | | | |
| value in 2003\$ | 26.55 | -17.93 | 56.13 | 66.67 | 107.10 | 114.17 | 212.25 | -100.43 | -128.56 | -195.59 | 57.57 | 197.93 |

| Microsoft | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | Total |
|---------------------------------|--------|-------|-------|-------|-------|--------|--------|---------|--------|---------|-------|--------|
| Increase of equity market value | -0.60 | 12.72 | 16.38 | 46.78 | 57.21 | 189.86 | 256.61 | -371.14 | 125.52 | -80.18 | 19.31 | 272.45 |
| Shareholder value added | -1.31 | 11.81 | 15.51 | 45.90 | 55.73 | 178.74 | 236.42 | -378.62 | 121.98 | -78.36 | 18.84 | 226.64 |
| Created shareholder value | -4.06 | 9.48 | 10.99 | 40.97 | 44.95 | 163.96 | 208.40 | -445.32 | 99.51 | -111.89 | -3.29 | 13.71 |
| in 2003\$ | -10.42 | 22.10 | 22.73 | 77.42 | 76.59 | 255.19 | 300.04 | -577.23 | 117.57 | -120.84 | -3.29 | 159.87 |

Table 6 shows in simplified form the relationship between three variables which are sometimes confused: increase of equity market value, shareholder value added, and created shareholder value.

Table 6 Increase of equity market value, shareholder value added, and created shareholder value

| Increase of equity market value | Equity market value _t – Equity market value _{t-1} |
|---------------------------------|--|
| Shareholder value added | ↓ <i>Increase of equity market value</i> – payments from shareholders + dividends + repurchases – conversions. |
| Created shareholder value | ↓ Shareholder value added – (Equity market value x Ke) |

6. The ROE is not the shareholder return

Shareholder return

ROE

ROE means Return on Equity. However, it is not true that the ROE, which is calculated by dividing the net income by the shares' book value, is the shareholder return. In section 3, we already defined the shareholder return as the shareholder value added divided by the equity market value, and that is not the ROE. Table 7, which shows General Electric's ROE and shareholder return, prove this for each year. We can see that the ROE follows a different course from the shareholder return.

Table 7. General Electric's and Microsoft's ROE and shareholder return

| General Electric | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|-------------------------|------------|-----------|------------|------------|------------|------------|------------|------------|-------------|-------------|------------|
| Shareholder return ROE | 26% 18% | 0% 17% | 45% 23% | 40% 22% | 51% 24% | 41% 24% | 54% 25% | -6% 27% | -15% 25% | -38% 25% | 31% 23% |
| N.T | 1002 | 1004 | 1005 | 1007 | 1007 | 1000 | 1000 | 2000 | 2001 | 2002 | 2002 |
| Microsoft | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |

56%

50%

115%

46%

68%

50%

-63%

34%

53%

19%

-22%

17%

7%

19%

88%

41%

7. Comparison of General Electric with other companies

52%

35%

-6%

43%

44%

33%

Table 8 shows the created shareholder value, shareholder value added, shareholder return and market capitalization of selected American companies during the ten-year period 1993-2003. General Electric was the third biggest company in equity market value in 1992, and the biggest in 2003. Microsoft was the nineteenth biggest company in equity market value in 1992, and the second in 2003. The table is ordered by capitalization in 1992.

Table 8. Created shareholder value, shareholder value added, shareholder return and market capitalization of selected American companies (million dollars)

| | | Market Ca | apitalization | Shareholder return | Shareholder Value Added | Shareholder Value Creation (\$ of 2003) |
|----|----------------------|-----------|---------------|-----------------------|----------------------------|--|
| | \$ million | 1992 | 2003 | 1993-2003 | 1993-2003 | 1993-2003 |
| 1 | EXXON MOBIL | 75,917 | 271,002 | 277.4% | 182,803 | 56,994 |
| 2 | WAL MART STORES | 73,560 | 229,589 | 254.5% | 175,959 | 59,858 |
| 3 | GENERAL ELECTRIC | 73,020 | 311,066 | 446.5% | 289,889 | 197,930 |
| 4 | ALTRIA GP. | 68,854 | 110,536 | 269.6% | 115,127 | 31,173 |
| 5 | AT & T | 68,116 | 16,034 | -19.7% | -7,801 | -113,698 |
| 6 | COCA COLA | 54,852 | 124,414 | 181.7% | 93,546 | 17,638 |
| 7 | MERCK & CO. | 49,751 | 102,795 | 189.6% | 99,061 | 31,838 |
| 8 | PROCTER & GAMBLE | 36,449 | 129,517 | 361.0% | 118,283 | 69,840 |
| 9 | BRISTOL MYERS SQUIBB | 34,968 | 55,464 | 154.6% | 52,347 | 10,154 |
| 10 | JOHNSON & JOHNSON | 33,063 | 153,334 | 389.6% | 118,945 | 66,271 |
| 11 | PEPSICO | 33,048 | 80,035 | 187.5% | 53,109 | 6,971 |

| 12 DU PONT E I DE NEMOURS 31,785 | | | | | | | |
|--|----|------------------------|--------|--------|--------|--------|--------|
| 13 NTL. BUS. MACH. 28,770 159,449 726,35% 176,771 150,999 15 BBLLSOUTH 25,360 52,302 211,5% 50,299 21,072 16 AMERICAN INTL.GP. 24,541 172,855 461,5% 104,406 53,485 17 PFIZER 23,901 269,622 596,7% 104,890 43,527 19 MICROSOFT 23,483 295,937 934,95% 226,642 159,867 20 GENERAL MOTORS 22,743 29,944 197,25% 41,945 17,052 21 WALT DISNEY 22,541 47,718 77,35% 17,481 -26,928 22 HOME DEPOT 22,337 80,747 23,04% 56,677 148,52 23 VERIZON COMMS. 22,174 86,309 100.7% 85,511 -79,538 23,124 47,718 77,35% 17,481 -26,928 48,620 100.7% 85,511 -79,538 23,124 47,708 47,70 | 12 | DITPONT E I DE NEMOURS | 31 785 | 45 742 | 167.9% | 44 759 | 11 141 |
| 14 ABBOTT LABS 25,422 72,852 283.1% 60,892 27,501 15 BEILSOUTH 25,360 52,302 211.5% 50,999 21,075 16 AMERICAN INTL.GP. 24,541 172,855 461,5% 104,406 53,458 17 PPIZER 23,901 266,622 596,7% 104,800 43,571 18 CHEVRONTEXACO 23,693 92,331 264,7% 52,762 19,047 19 MICROSOFT 23,483 295,937 934,9% 226,642 159,867 20 GENERAL MOTORS 22,743 29,944 177,2% 17,481 2-0,928 21 WALT DISNEY 22,541 47,718 77,3% 17,481 2-0,928 22 HOME DEPOT 22,337 80,747 230,4% 56,077 14,852 23 VERIZON COMMS 22,143 96,875 110,8% 9,783 -50,087 24 SBC COMMUNICATIONS 22,147 86,309 100,7% 8,511 79,537 25 SM 22,049 66,579 365,9% 59,914 32,907 26 WYETH 21,048 56,535 237,5% 44,133 41,718 27 FORD MOTOR 20,928 28,163 208,4% 59,351 47,708 28 FANNIE MAE 20,849 72,933 396,6% 73,062 46,708 29 INTEL 18,109 209,350 1112,7% 194,760 158,227 31 MCDONALDS 17,740 31,513 122,8% 21,301 3,804 32 HEWLETT-PACKARD 17,588 70,039 281,6% 60,995 34,769 33 ANHEUSER-BUSCH COS. 16,189 42,922 364,6% 42,852 23,143 34 KELLOGG 15,911 11,546 250,8% 24,168 22,010 35 SCARS ROFBUCK & CO. 15,711 11,546 250,8% 24,168 22,010 36 DOW CHEMICALS 15,624 38,267 233,8% 285,69 9,83 37 SARA LEE 14,392 17,158 90,6% 12,155 7,624 40 BOEING 13,611 3,223 15,33% 20,593 3,340 41 BOEING 13,611 3,223 15,33% 36,606 6,229 11,234 11,248 22,149 36,619 29,197 15,641 36,619 29,197 15,641 36,619 29,197 15,641 36,619 29,197 15,641 36,619 29,197 15,641 36,619 29,197 15,641 36,619 36,797 | | | | | | | |
| IS BELLSOUTH | | | | | | | |
| 16 AMERICAN INTL.GP. 24,541 172,855 461,5% 104,406 53,488 179, PPIZER 23,901 296,622 596,67% 104,800 43,527 18 CHEVRONTEXACO 23,693 92,331 264,7% 52,762 19,047 20 GENERAL MOTORS 22,743 29,944 197,2% 41,945 17,052 22,341 24,7118 77,3% 17,481 -2,928 22,400 22,337 80,747 230,4% 56,077 14,852 22,441 44,7118 77,3% 17,481 -2,928 22,147 48,6309 100,7% 48,511 -7,934 23,04% 56,077 14,852 24,000 22,174 86,090 100,7% 45,511 -7,934 23,04% 56,077 24,934 24,946 65,779 365,97% 59,914 32,907 27,933 30,747 230,4% 50,087 24,948 24,949 66,579 365,97% 59,914 32,907 27,934 28,161 20,849 72,933 39,66% 73,062 46,729 29 INTEL 18,109 209,550 1112,7% 194,760 158,227 31 MCDONALDS 17,740 31,513 122,87% 21,301 33,804 22,449 49,905 33,804 49,905 34,769 34 | | | | | | | |
| 17 PFIZER | | | | | | | |
| IB CHEVRONTEXACO | | | | | | | |
| 19 MICROSOFT | | | | | | | |
| 20 GENERAL MOTORS 22,743 29,944 197.2% 41,945 17,052 22 WALT DISNEY 22,541 47,718 77,3% 17,481 77,052 22,928 22 HOME DEPOT 22,337 80,747 230,4% 50,077 14,852 23 VERIZON COMMS. 22,187 86,875 110,86% 9,783 -50,087 24 SBC COMMUNICATIONS 22,174 86,309 100,7% -8,511 -79,534 25,33M 22,049 66,579 365,9% 59,914 32,907 27,008 2 | | | | | | | |
| 21 WALT DISNEY 22,541 47,718 77,3% 17,481 -26,928 22 HOME DEPOT 22,337 80,747 230,4% 96,077 48,511 -79,534 24 SBC COMMUNICATIONS 22,187 96,875 110,8% 9,783 -50,087 25 3M 22,049 66,579 365,9% 8,511 -79,534 22,049 66,579 365,9% 59,914 32,907 26 WYETH 21,048 56,535 237,5% 44,133 14,715 27 FORD MOTOR 20,928 28,163 208,4% 59,351 47,708 28 FANNIE MAE 20,849 72,933 396,6% 73,062 46,729 181TEL 18,109 209,350 1112,7% 194,760 138,227 30 LILLY ELI 17,777 78,974 497,6% 73,676 51,327 31 MCDONALDS 17,740 31,513 122,8% 21,301 38,04 33 HEWLETT-PACKARD 17,588 70,039 281,6% 60,995 34,769 33 ANHEUSER-BUSCH COS. 16,189 42,922 364,6% 60,995 34,769 34 KELLOGG 15,950 15,542 33,9% 6,249 -15,192 35 SEARS ROEBUCK & CO. 15,711 11,546 250,8% 24,168 22,010 36 DOW CHEMICALS 15,624 38,267 233,8% 24,168 22,010 37 SARA LEE 14,392 17,158 90,6% 12,155 -7,624 39 MOTOROLA 13,990 32,859 76,5% 8,128 -23,056 40 SCHLUMBERGER 13,841 32,035 155,33% 20,593 341 BOEING 13,616 33,721 151,8% 19,109 -7,925 44 BANK OF AMERICA 12,536 119,503 354,0% 72,634 21,364 46 EMERSON ELECTRIC 12,335 27,247 208,5% 22,802 6,296 48 SOUTHERN 12,184 22,149 366,1% 29,198 13,533 -28,366 74,86 20,100 14,894 14,730 10,938 36,696 38,793 -5,185 34,145 14,145 11,1518 36,980 32,589 76,534 21,366 37,217 37,2 | | | | | | | |
| 22 HOME DEPOT | | | | | | | |
| 23 VERIZON COMMS. 22,187 96,875 110,8% 9,783 -50,087 24 SBC COMMUNICATIONS 22,174 86,309 100,7% 8,511 79,534 25 3M 22,049 66,579 365,9% 59,914 32,907 26 WYETH 21,048 56,535 237,5% 44,133 14,715 27 FORD MOTOR 20,928 28,163 208,4% 59,351 47,708 28 FANNIE MAE 20,849 72,933 396,6% 73,062 46,729 29 INTEL 18,109 209,350 1112,7% 194,760 13,8227 30 LILLY ELI 17,777 78,974 497,6% 73,676 51,327 31 MCDONALDS 17,740 31,513 122,8% 21,301 38,04 23 HEWLETT-PACKARD 17,588 70,039 281,6% 60,995 34,769 33 ANREUSER-BUSCH COS. 16,189 42,922 364,6% 42,852 23,143 34 KELLOGG 15,950 15,542 53,9% 62,49 -15,192 35 SEARS ROEBUCK & CO. 15,711 11,546 250,8% 24,168 22,010 36 DOW CHEMICALS 14,392 171,158 90,6% 12,155 -7,624 39 MOTOROLA 13,990 32,589 76,5% 8,128 -23,056 40 SCHLUMBERGER 13,841 32,035 155,3% 20,593 393 41 BOEING 13,616 33,721 151,8% 19,109 -7,925 42 EASTMAN KODAK 13,171 7,356 15,0% 22,017 -2,164 46 EMERSON ELECTRIC 12,335 27,247 208,5% 22,001 6,531 43 SCHERING-PLOUGH 12,664 25,553 174,1% 22,004 6,320 44 BANK OF AMBRICA 12,536 119,503 334,0% 72,634 21,368 45 GILLETTE 1,498 37,161 205,3% 22,777 -2,164 46 EMERSON ELECTRIC 12,335 27,247 208,5% 22,802 6,296 47 BANK ONE 12,184 22,149 366,1% 29,198 15,643 48 SOUTHERN 12,184 22,149 366,1% 29,198 15,643 49 UNION PACIFIC 11,894 17,730 120,3% 17,894 1,696 40 UNION PACIFIC 19,880 11,175 12,387 19,948 4,949 -5,245 50 AMERICAN EXPRESS 11,891 62,037 691,9% 64,067 51,639 51 TOYS R US HOLDINGS CO. 16,819 69,800 123,2% 8,773 -5,185 52 GEN MILLS 11,159 12,819 103,1% 9,449 -5,245 53 EDISON INTL. 9,850 7,145 51,2% 3,845 -7,857 54 CAMPBELL SOUP 10,580 71,455 51,6 | | | | | | | |
| 24 SBC COMMUNICATIONS 22,174 86,309 100.7% -8,511 -79,534 22,049 66,579 365.9% 59,914 32,907 26 WYETH 21,048 56,535 237,5% 44,133 14,715 27 FORD MOTOR 20,928 28,163 20,84% 59,351 47,708 29 INTEL 18,109 209,350 1112.7% 194,760 158,227 31 MCDONALDS 17,740 31,513 122.8% 21,301 -3,804 32,907 33 44,125 497,66 73,676 51,327 31 MCDONALDS 17,740 31,513 122.8% 21,301 -3,804 32 HEWLETT-PACKARD 17,588 70,039 281,6% 60,995 34,769 33 ANHEUSER-BUSCH COS. 16,189 42,922 364,6% 42,852 23,143 45,142 45,142 45,144 497,6% 42,852 23,143 45,144 | | | | | | | |
| 25 3M | | | | | | | |
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| FORD MOTOR 20,928 28,163 208,4% 59,351 47,708 29 INTEL 18,109 209,350 1112,7% 194,760 158,227 30 LILLY ELI 17,777 78,974 497,6% 73,676 51,327 31 MCDONALDS 17,740 31,513 122,8% 21,301 -3,804 33 ANHEUSER-BUSCH COS. 16,189 42,922 364,6% 42,852 23,143 34 KELLOGG 15,950 15,542 53,9% 6,249 -15,192 35 SEARS ROEBUCK & CO. 15,711 11,546 250,8% 24,168 22,010 36 DOW CHEMICALS 15,624 38,267 233,8% 28,569 9,883 37 SARA LEE 14,392 17,158 90,6% 12,155 -7,624 39 MOTOROLA 13,990 32,589 76,5% 8,128 23,056 48 SCHLUMBERGER 13,841 32,035 155,3% 20,593 -933 41 BOEING 13,616 33,721 151,8% 19,109 -7,925 42 EASTMAN KODAK 13,171 7,356 15,0% 6,131 6,531 47,708 48 SCHLUMBERGER 12,256 119,503 354,0% 72,634 21,368 43 GLETTE 2,498 37,161 20,35 42,89 22,802 6,296 47 BANK ONE 12,266 11,894 37,161 20,35 22,800 47 BANK ONE 12,266 11,894 37,161 20,35 22,800 47 BANK ONE 12,266 11,894 17,730 13,373 -25,000 48 SOLHLETTE 1,498 37,161 20,35 22,777 2,164 46 EMERSON ELECTRIC 12,335 27,247 208,5% 22,802 6,296 47 BANK ONE 12,266 11,894 17,730 13,373 -25,000 47 BANK ONE 12,266 19,503 54,0% 72,634 21,368 49 UNION PACIFIC 11,894 17,730 12,326 49 49 49 5,245 51,555 50,965 10,34% 13,533 -25,000 51 TOYS R US HOLDINGS CO. 11,681 2,698 68,5% -7,533 -28,386 69,606 6,722 50,006 51,609 51,609 51,609 51,609 51,609 51,609 51,600 51,609 5 | | | | | | | |
| 28 FANNIE MAE | | | | | | | |
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| HEWLETT-PACKARD 17,588 70,039 281.6% 60,995 34,769 33 ANHEUSER-BUSCH COS. 16,189 42,922 364.6% 42,852 23,143 34 KELLOGG 15,950 15,542 53,9% 6,249 -15,192 35 SEARS ROEBUCK & CO. 15,711 11,546 250.8% 24,168 22,010 36 DOW CHEMICALS 15,624 38,267 233.8% 28,569 9,883 37 SARA LEE 14,392 17,158 90.6% 12,155 -7,624 38 PG & E 14,121 11,518 30.7% 2,937 -15,441 39 MOTOROILA 13,990 32,589 76.5% 8,128 -23,056 40 SCHLUMBERGER 13,841 32,035 155,3% 20,593 -933 41 BOEING 13,616 33,721 151.8% 19,109 -7,925 42 EASTMAN KODAK 13,171 7,356 15,0% 6,131 -6,531 43 SCHERING-PLOUGH 12,664 25,553 174.1% 22,004 6,320 48 ASK OF AMERICA 12,536 119,503 354.0% 72,634 21,368 45 GILLETTE 12,498 37,161 205,3% 22,777 -2,164 46 EMERSON ELECTRIC 12,335 27,247 208.5% 22,802 6,296 49 BANK ONE 12,296 50,965 103,4% 13,533 -25,000 48 SOUTHERN 12,184 22,149 366.1% 29,198 15,643 49 UNION PACIFIC 11,894 17,730 120.3% 11,686 -3,217 170 S R US HOLDINGS CO. 11,681 2,698 -68.5% -7,533 -28,386 49 UNION PACIFIC 11,891 11,159 12,819 103,1% 9,449 -5,245 54 CAMPBELL SOUP 10,580 11,017 72.7% 9,393 -3,229 52,455 50 50 50 10,48 13,671 10,466 60 7 7 7 7 7 7 7 7 7 | | | | | | | |
| 33 ANHEUSER-BUSCH COS. 16,189 42,922 364.6% 42,852 23,143 KELLOGG | | | | | | | |
| 34 KELLOGG | | | | | | | |
| 35 SEARS ROEBUCK & CO. 15,711 11,546 250,8% 24,168 22,010 200 CHEMICALS 15,624 38,267 233,8% 28,569 9,883 37 SARA LEE 14,392 17,158 90,6% 12,155 -7,624 38 PG & E 14,121 11,518 30,7% 2,937 -15,441 39 MOTOROLA 13,990 32,589 76,5% 8,128 -23,056 40 SCHLUMBERGER 13,841 32,035 155,3% 20,593 -933 41 BOEING 13,616 33,721 151,8% 19,109 -7,925 42 EASTMAN KODAK 13,171 7,356 15,0% 61,31 -6,531 43 SCHERING-PLOUGH 12,664 25,553 174,1% 22,004 6,320 44 BANK OF AMERICA 12,536 119,503 354,0% 72,634 21,368 45 GILLETTE 12,498 37,161 205,3% 22,777 -2,164 46 EMERSON ELECTRIC 12,335 27,247 208,5% 22,802 6,296 47 BANK ONE 12,296 50,965 103,4% 13,533 -25,000 48 SOUTHERN 12,184 22,149 366,1% 29,198 15,643 49 UNION PACIFIC 11,894 17,730 120,3% 11,686 -3,217 50 AMERICAN EXPRESS 11,891 62,037 691,9% 64,067 51,639 51 TOYS R US HOLDINGS CO. 11,681 2,698 -68,5% -7,533 -28,386 52 GEN. MILLS 11,223 16,980 123,2% 8,773 -5,185 41,000 10,580 11,017 72,7% 3,993 -3,229 55 EDISON INTL. 9,850 7,145 51,2% 3,845 -7,857 56 LIMITED BRANDS 9,782 9,316 77,4% 4,091 -10,562 50 MGEN 9,551 79,209 600,0% 57,807 38,799 58 JP MORGAN CHASE & CO. 9,507 74,804 308,3% 36,696 6,722 50 KIMBERLY-CLARK 9,469 29,808 167,1% 19,948 -866 60 TXU 9,236 7,683 7,0% 1,241 -11,416 61 PENNEY JC 9,107 7,175 2,3% 77 -13,796 62 BAXTER INTL. 9,021 18,626 177,4% 13,671 1,675 63 64 64 64 64 64 64 64 | | | | | | | |
| 36 DOW CHEMICALS 15,624 38,267 233.8% 28,569 9,883 37 SARA LEE 14,392 17,158 90.6% 12,155 -7,624 38 PG & E 14,121 11,518 30.7% 2,937 -15,441 39 MOTOROLA 13,990 32,589 76.5% 8,128 -23,056 40 SCHLUMBERGER 13,841 32,035 155,3% 20,593 -933 41 BOEING 13,616 33,721 151,18% 19,109 -7,925 42 EASTMAN KODAK 13,171 7,356 15.0% 6,131 -6,531 43 SCHERING-PLOUGH 12,664 25,553 174,1% 22,004 6,320 44 BANK OF AMERICA 12,536 119,503 354,0% 72,634 21,368 45 GILLETTE 12,498 37,161 205,3% 22,777 -2,164 46 EMERSON ELECTRIC 12,335 27,247 208,5% 22,802 6,296 47 BANK ONE 12,296 50,965 103,4% 13,533 -25,000 48 SOUTHERN 12,184 22,149 366,1% 29,198 15,643 49 UNION PACIFIC 11,894 17,730 120,3% 11,686 -3,217 50 AMERICAN EXPRESS 11,891 62,037 691,9% 64,067 51,639 51 TOYS R US HOLDINGS CO. 11,681 2,698 -68,5% -7,533 -28,386 52 GEN. MILLS 11,223 16,980 123,2% 8,773 -5,185 14EINZ HI 11,159 12,819 103,1% 9,449 -5,245 54 CAMPBELL SOUP 10,580 11,017 72,7% 9,393 -3,229 55 EDISON INTL. 9,850 7,145 51,2% 3,845 -7,857 51 EDISON INTL. 9,850 7,145 51,2% 3,845 -7,857 51 EDISON INTL. 9,850 7,145 51,2% 3,845 -7,857 51 EDISON INTL. 9,950 7,4804 308,3% 36,696 6,722 51 EDISON INTL. 9,926 7,683 7,0% 1,241 -11,416 19 PENNEY IC 9,107 7,175 2,3% 77 -13,796 58 XIMBERLY-CLARK 9,469 29,808 167,1% 13,671 14,620 40,409 40 | | | | | | | |
| 37 SARA LEE | | | | | | | |
| 38 PG & E | | | | | | | |
| MOTOROLA | | | | | | | |
| 40 SCHLUMBERGER 13,841 32,035 155,3% 20,593 -933 41 BOEING 13,616 33,721 151,8% 19,109 -7,925 42 EASTMAN KODAK 13,171 7,356 15,0% 6,131 -6,531 43 SCHERING-PLOUGH 12,664 25,553 174,1% 22,004 6,320 44 BANK OF AMERICA 12,536 119,503 354,0% 72,634 21,368 45 GILLETTE 12,498 37,161 205,3% 22,777 -2,164 46 EMERSON ELECTRIC 12,335 27,247 208,5% 22,802 6,296 47 BANK ONE 12,296 50,965 103,4% 13,533 -25,000 48 SOUTHERN 12,184 22,149 366,1% 29,198 15,643 49 UNION PACIFIC 11,894 17,30 120,3% 11,686 -3,217 50 AMERICAN EXPRESS 11,891 17,39 120,3% 11,686 | | | | | | | |
| 41 BOEING 13,616 33,721 151.8% 19,109 -7,925 42 EASTMAN KODAK 13,171 7,356 15.0% 6,131 -6,531 43 SCHERING-PLOUGH 12,664 25,553 174.1% 22,004 6,320 44 BANK OF AMERICA 12,536 119,503 354.0% 72,634 21,368 45 GILLETTE 12,498 37,161 205.3% 22,777 -2,164 46 EMERSON ELECTRIC 12,335 27,247 208.5% 22,802 6,296 47 BANK ONE 12,296 50,965 103.4% 13,533 -25,000 48 SOUTHERN 12,184 22,149 366.1% 29,198 15,643 49 UNION PACIFIC 11,894 17,730 120.3% 11,686 -3,217 50 AMERICAN EXPRESS 11,891 62,037 691.9% 64,067 51,639 51 TOYS R US HOLDINGS CO. 11,681 2,698 -68.5% -7,533< | | | | | 76.5% | | |
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| 43 SCHERING-PLOUGH 12,664 25,553 174.1% 22,004 6,320 44 BANK OF AMERICA 12,536 119,503 354.0% 72,634 21,368 45 GILLETTE 12,498 37,161 205.3% 22,777 -2,164 46 EMERSON ELECTRIC 12,335 27,247 208.5% 22,802 6,296 47 BANK ONE 12,296 50,965 103.4% 13,533 -25,000 48 SOUTHERN 12,184 22,149 366.1% 29,198 15,643 49 UNION PACIFIC 11,891 62,037 691.9% 64,067 51,639 50 AMERICAN EXPRESS 11,891 62,037 691.9% 64,067 51,639 51 TOYS R US HOLDINGS CO. 11,681 2,698 -68.5% -7,533 -28,386 52 GEN. MILLS 11,159 12,819 103.1% 9,449 -5,245 54 CAMPBELL SOUP 10,580 11,017 72.7% 9 | | | | | | | |
| 44 BANK OF AMERICA 12,536 119,503 354.0% 72,634 21,368 45 GILLETTE 12,498 37,161 205.3% 22,777 -2,164 46 EMERSON ELECTRIC 12,335 27,247 208.5% 22,802 6,296 47 BANK ONE 12,296 50,965 103.4% 13,533 -25,000 48 SOUTHERN 12,184 22,149 366.1% 29,198 15,643 49 UNION PACIFIC 11,894 17,730 120.3% 11,686 -3,217 50 AMERICAN EXPRESS 11,891 62,037 691.9% 64,067 51,639 51 TOYS R US HOLDINGS CO. 11,681 2,698 -68.5% -7,533 -28,386 52 GEN. MILLS 11,223 16,980 123.2% 8,773 -5,185 53 HEINZ HJ 11,159 12,819 103.1% 9,449 -5,245 54 CAMPBELL SOUP 10,580 11,017 72.7% 9,393 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | |
| 45 GILLETTE 12,498 37,161 205.3% 22,777 -2,164 46 EMERSON ELECTRIC 12,335 27,247 208.5% 22,802 6,296 47 BANK ONE 12,296 50,965 103.4% 13,533 -25,000 48 SOUTHERN 12,184 22,149 366.1% 29,198 15,643 49 UNION PACIFIC 11,894 17,730 120.3% 11,686 -3,217 50 AMERICAN EXPRESS 11,891 62,037 691.9% 64,067 51,639 51 TOYS R US HOLDINGS CO. 11,681 2,698 -68.5% -7,533 -28,386 52 GEN. MILLS 11,223 16,980 123.2% 8,773 -5,185 53 HEINZ HJ 11,159 12,819 103.1% 9,449 -5,245 54 CAMPBELL SOUP 10,580 11,017 72.7% 9,393 -3,229 55 EDISON INTL 9,850 7,145 51,2% 3,845 | | | | | | | |
| 46 EMERSON ELECTRIC 12,335 27,247 208.5% 22,802 6,296 47 BANK ONE 12,296 50,965 103.4% 13,533 -25,000 48 SOUTHERN 12,184 22,149 366.1% 29,198 15,643 49 UNION PACIFIC 11,894 17,730 120.3% 11,686 -3,217 50 AMERICAN EXPRESS 11,891 62,037 691.9% 64,067 51,639 51 TOYS R US HOLDINGS CO. 11,681 2,698 -68.5% -7,533 -28,386 52 GEN. MILLS 11,223 16,980 123.2% 8,773 -5,185 53 HEINZ HJ 11,159 12,819 103.1% 9,449 -5,245 54 CAMPBELL SOUP 10,580 11,017 72.7% 9,393 -3,229 55 EDISON INTL. 9,850 7,145 51.2% 3,845 -7,857 56 LIMITED BRANDS 9,782 9,316 77.4% 4,091 | | | | | | | |
| 47 BANK ONE 12,296 50,965 103.4% 13,533 -25,000 48 SOUTHERN 12,184 22,149 366.1% 29,198 15,643 49 UNION PACIFIC 11,894 17,730 120.3% 11,686 -3,217 50 AMERICAN EXPRESS 11,891 62,037 691.9% 64,067 51,639 51 TOYS R US HOLDINGS CO. 11,681 2,698 -68.5% -7,533 -28,386 52 GEN. MILLS 11,223 16,980 123.2% 8,773 -5,185 53 HEINZ HJ 11,159 12,819 103.1% 9,449 -5,245 54 CAMPBELL SOUP 10,580 11,017 72.7% 9,393 -3,229 55 EDISON INTL. 9,850 7,145 51.2% 3,845 -7,857 56 LIMITED BRANDS 9,782 9,316 77.4% 4,091 -10,562 57 AMGEN 9,551 79,209 600.0% 57,807 3 | | | | | | | |
| 48 SOUTHERN 12,184 22,149 366.1% 29,198 15,643 49 UNION PACIFIC 11,894 17,730 120.3% 11,686 -3,217 50 AMERICAN EXPRESS 11,891 62,037 691.9% 64,067 51,639 51 TOYS R US HOLDINGS CO. 11,681 2,698 -68.5% -7,533 -28,386 52 GEN. MILLS 11,223 16,980 123.2% 8,773 -5,185 53 HEINZ HJ 11,159 12,819 103.1% 9,449 -5,245 54 CAMPBELL SOUP 10,580 11,017 72.7% 9,393 -3,229 55 EDISON INTL. 9,850 7,145 51.2% 3,845 -7,857 56 LIMITED BRANDS 9,782 9,316 77.4% 4,091 -10,562 57 AMGEN 9,551 79,209 600.0% 57,807 38,799 58 JP MORGAN CHASE & CO. 9,507 74,804 308.3% 36,696 | | | | | | | |
| 49 UNION PACIFIC 11,894 17,730 120.3% 11,686 -3,217 50 AMERICAN EXPRESS 11,891 62,037 691.9% 64,067 51,639 51 TOYS R US HOLDINGS CO. 11,681 2,698 -68.5% -7,533 -28,386 52 GEN. MILLS 11,223 16,980 123.2% 8,773 -5,185 53 HEINZ HJ 11,159 12,819 103.1% 9,449 -5,245 54 CAMPBELL SOUP 10,580 11,017 72.7% 9,393 -3,229 55 EDISON INTL. 9,850 7,145 51.2% 3,845 -7,857 56 LIMITED BRANDS 9,782 9,316 77.4% 4,091 -10,562 57 AMGEN 9,551 79,209 600.0% 57,807 38,799 58 JP MORGAN CHASE & CO. 9,507 74,804 308.3% 36,696 6,722 59 KIMBERLY-CLARK 9,469 29,808 167.1% 19,948 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | |
| 50 AMERICAN EXPRESS 11,891 62,037 691.9% 64,067 51,639 51 TOYS R US HOLDINGS CO. 11,681 2,698 -68.5% -7,533 -28,386 52 GEN. MILLS 11,223 16,980 123.2% 8,773 -5,185 53 HEINZ HJ 11,159 12,819 103.1% 9,449 -5,245 54 CAMPBELL SOUP 10,580 11,017 72.7% 9,393 -3,229 55 EDISON INTL. 9,850 7,145 51.2% 3,845 -7,857 56 LIMITED BRANDS 9,782 9,316 77.4% 4,091 -10,562 57 AMGEN 9,551 79,209 600.0% 57,807 38,799 58 JP MORGAN CHASE & CO. 9,507 74,804 308.3% 36,696 6,722 59 KIMBERLY-CLARK 9,469 29,808 167.1% 19,948 -866 60 TXU 9,236 7,683 7.0% 1,241 -11 | | | | | | | |
| 51 TOYS R US HOLDINGS CO. 11,681 2,698 -68.5% -7,533 -28,386 52 GEN. MILLS 11,223 16,980 123.2% 8,773 -5,185 53 HEINZ HJ 11,159 12,819 103.1% 9,449 -5,245 54 CAMPBELL SOUP 10,580 11,017 72.7% 9,393 -3,229 55 EDISON INTL. 9,850 7,145 51.2% 3,845 -7,857 56 LIMITED BRANDS 9,782 9,316 77.4% 4,091 -10,562 57 AMGEN 9,551 79,209 600.0% 57,807 38,799 58 JP MORGAN CHASE & CO. 9,507 74,804 308.3% 36,696 6,722 59 KIMBERLY-CLARK 9,469 29,808 167.1% 19,948 -866 60 TXU 9,236 7,683 7.0% 1,241 -11,416 61 PENNEY JC 9,107 7,175 2,3% 77 -13,796 | | | | | | | |
| 52 GEN. MILLS 11,223 16,980 123.2% 8,773 -5,185 53 HEINZ HJ 11,159 12,819 103.1% 9,449 -5,245 54 CAMPBELL SOUP 10,580 11,017 72.7% 9,393 -3,229 55 EDISON INTL. 9,850 7,145 51.2% 3,845 -7,857 56 LIMITED BRANDS 9,782 9,316 77.4% 4,091 -10,562 57 AMGEN 9,551 79,209 600.0% 57,807 38,799 58 JP MORGAN CHASE & CO. 9,507 74,804 308.3% 36,696 6,722 59 KIMBERLY-CLARK 9,469 29,808 167.1% 19,948 -866 60 TXU 9,236 7,683 7.0% 1,241 -11,416 61 PENNEY JC 9,107 7,175 2,3% 77 -13,796 62 BAXTER INTL. 9,021 18,626 177.4% 13,671 1,675 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | | | | | | |
| 53 HEINZ HJ 11,159 12,819 103.1% 9,449 -5,245 54 CAMPBELL SOUP 10,580 11,017 72.7% 9,393 -3,229 55 EDISON INTL. 9,850 7,145 51.2% 3,845 -7,857 56 LIMITED BRANDS 9,782 9,316 77.4% 4,091 -10,562 57 AMGEN 9,551 79,209 600.0% 57,807 38,799 58 JP MORGAN CHASE & CO. 9,507 74,804 308.3% 36,696 6,722 59 KIMBERLY-CLARK 9,469 29,808 167.1% 19,948 -866 60 TXU 9,236 7,683 7.0% 1,241 -11,416 61 PENNEY JC 9,107 7,175 2,3% 77 -13,796 62 BAXTER INTL. 9,021 18,626 177.4% 13,671 1,675 63 COLGATE-PALM. 8,901 26,889 336.9% 25,621 14,420 | | | | | | | |
| 54 CAMPBELL SOUP 10,580 11,017 72.7% 9,393 -3,229 55 EDISON INTL. 9,850 7,145 51.2% 3,845 -7,857 56 LIMITED BRANDS 9,782 9,316 77.4% 4,091 -10,562 57 AMGEN 9,551 79,209 600.0% 57,807 38,799 58 JP MORGAN CHASE & CO. 9,507 74,804 308.3% 36,696 6,722 59 KIMBERLY-CLARK 9,469 29,808 167.1% 19,948 -866 60 TXU 9,236 7,683 7.0% 1,241 -11,416 61 PENNEY JC 9,107 7,175 2.3% 77 -13,796 62 BAXTER INTL. 9,021 18,626 177.4% 13,671 1,675 63 COLGATE-PALM. 8,901 26,889 336.9% 25,621 14,420 64 MAY DEPT. STORES 8,737 8,389 83.9% 6,845 -3,749 <td></td> <td></td> <td></td> <td>· ·</td> <td></td> <td></td> <td></td> | | | | · · | | | |
| 55 EDISON INTL. 9,850 7,145 51.2% 3,845 -7,857 56 LIMITED BRANDS 9,782 9,316 77.4% 4,091 -10,562 57 AMGEN 9,551 79,209 600.0% 57,807 38,799 58 JP MORGAN CHASE & CO. 9,507 74,804 308.3% 36,696 6,722 59 KIMBERLY-CLARK 9,469 29,808 167.1% 19,948 -866 60 TXU 9,236 7,683 7.0% 1,241 -11,416 61 PENNEY JC 9,107 7,175 2,3% 77 -13,796 62 BAXTER INTL. 9,021 18,626 177.4% 13,671 1,675 63 COLGATE-PALM. 8,901 26,889 336.9% 25,621 14,420 64 MAY DEPT. STORES 8,737 8,389 83.9% 6,845 -3,749 65 FREDDIE MAC 8,710 40,469 467.0% 37,836 25,065 | | | | | | | |
| 56 LIMITED BRANDS 9,782 9,316 77.4% 4,091 -10,562 57 AMGEN 9,551 79,209 600.0% 57,807 38,799 58 JP MORGAN CHASE & CO. 9,507 74,804 308.3% 36,696 6,722 59 KIMBERLY-CLARK 9,469 29,808 167.1% 19,948 -866 60 TXU 9,236 7,683 7.0% 1,241 -11,416 61 PENNEY JC 9,107 7,175 2.3% 77 -13,796 62 BAXTER INTL. 9,021 18,626 177.4% 13,671 1,675 63 COLGATE-PALM. 8,901 26,889 336.9% 25,621 14,420 64 MAY DEPT. STORES 8,737 8,389 83.9% 6,845 -3,749 65 FREDDIE MAC 8,710 40,469 467.0% 37,836 25,065 66 ARCHER-DANLSMIDL. 8,652 9,842 52.1% 3,994 -8,545 | | | | | | | |
| 57 AMGEN 9,551 79,209 600.0% 57,807 38,799 58 JP MORGAN CHASE & CO. 9,507 74,804 308.3% 36,696 6,722 59 KIMBERLY-CLARK 9,469 29,808 167.1% 19,948 -866 60 TXU 9,236 7,683 7.0% 1,241 -11,416 61 PENNEY JC 9,107 7,175 2.3% 77 -13,796 62 BAXTER INTL. 9,021 18,626 177.4% 13,671 1,675 63 COLGATE-PALM. 8,901 26,889 336.9% 25,621 14,420 64 MAY DEPT. STORES 8,737 8,389 83.9% 6,845 -3,749 65 FREDDIE MAC 8,710 40,469 467.0% 37,836 25,065 66 ARCHER-DANLSMIDL. 8,652 9,842 52.1% 3,994 -8,545 67 NORFOLK SOUTHERN 8,616 9,233 53.8% 4,051 -7,213 | | | | | | | |
| 58 JP MORGAN CHASE & CO. 9,507 74,804 308.3% 36,696 6,722 59 KIMBERLY-CLARK 9,469 29,808 167.1% 19,948 -866 60 TXU 9,236 7,683 7.0% 1,241 -11,416 61 PENNEY JC 9,107 7,175 2,3% 77 -13,796 62 BAXTER INTL. 9,021 18,626 177.4% 13,671 1,675 63 COLGATE-PALM. 8,901 26,889 336.9% 25,621 14,420 64 MAY DEPT. STORES 8,737 8,389 83.9% 6,845 -3,749 65 FREDDIE MAC 8,710 40,469 467.0% 37,836 25,065 66 ARCHER-DANLSMIDL. 8,652 9,842 52.1% 3,994 -8,545 67 NORFOLK SOUTHERN 8,616 9,233 53.8% 4,051 -7,213 68 ITT INDUSTRIES 8,590 6,847 592.8% 12,597 12,11 | | | | | | | |
| 59 KIMBERLY-CLARK 9,469 29,808 167.1% 19,948 -866 60 TXU 9,236 7,683 7.0% 1,241 -11,416 61 PENNEY JC 9,107 7,175 2.3% 77 -13,796 62 BAXTER INTL. 9,021 18,626 177.4% 13,671 1,675 63 COLGATE-PALM. 8,901 26,889 336.9% 25,621 14,420 64 MAY DEPT. STORES 8,737 8,389 83.9% 6,845 -3,749 65 FREDDIE MAC 8,710 40,469 467.0% 37,836 25,065 66 ARCHER-DANLSMIDL. 8,652 9,842 52.1% 3,994 -8,545 67 NORFOLK SOUTHERN 8,616 9,233 53.8% 4,051 -7,213 68 ITT INDUSTRIES 8,590 6,847 592.8% 12,597 12,110 69 HONEYWELL INTL. 8,569 28,818 169.4% 9,060 -9,405 | | | | | | | |
| 60 TXU 9,236 7,683 7.0% 1,241 -11,416 61 PENNEY JC 9,107 7,175 2.3% 77 -13,796 62 BAXTER INTL. 9,021 18,626 177.4% 13,671 1,675 63 COLGATE-PALM. 8,901 26,889 336.9% 25,621 14,420 64 MAY DEPT. STORES 8,737 8,389 83.9% 6,845 -3,749 65 FREDDIE MAC 8,710 40,469 467.0% 37,836 25,065 66 ARCHER-DANLSMIDL. 8,652 9,842 52.1% 3,994 -8,545 67 NORFOLK SOUTHERN 8,616 9,233 53.8% 4,051 -7,213 68 ITT INDUSTRIES 8,590 6,847 592.8% 12,597 12,110 69 HONEYWELL INTL. 8,569 28,818 169.4% 9,060 -9,405 70 NOVELL 8,505 3,932 -63.1% -5,169 -28,274 < | | | | | | | |
| 61 PENNEY JC 9,107 7,175 2.3% 77 -13,796 62 BAXTER INTL. 9,021 18,626 177.4% 13,671 1,675 63 COLGATE-PALM. 8,901 26,889 336.9% 25,621 14,420 64 MAY DEPT. STORES 8,737 8,389 83.9% 6,845 -3,749 65 FREDDIE MAC 8,710 40,469 467.0% 37,836 25,065 66 ARCHER-DANLSMIDL. 8,652 9,842 52.1% 3,994 -8,545 67 NORFOLK SOUTHERN 8,616 9,233 53.8% 4,051 -7,213 68 ITT INDUSTRIES 8,590 6,847 592.8% 12,597 12,110 69 HONEYWELL INTL. 8,569 28,818 169.4% 9,060 -9,405 70 NOVELL 8,505 3,932 -63.1% -5,169 -28,274 71 FORTUNE BRANDS 8,210 10,428 311.1% 11,256 3,8 | | | | | | | |
| 62 BAXTER INTL. 9,021 18,626 177.4% 13,671 1,675 63 COLGATE-PALM. 8,901 26,889 336.9% 25,621 14,420 64 MAY DEPT. STORES 8,737 8,389 83.9% 6,845 -3,749 65 FREDDIE MAC 8,710 40,469 467.0% 37,836 25,065 66 ARCHER-DANLSMIDL. 8,652 9,842 52.1% 3,994 -8,545 67 NORFOLK SOUTHERN 8,616 9,233 53.8% 4,051 -7,213 68 ITT INDUSTRIES 8,590 6,847 592.8% 12,597 12,110 69 HONEYWELL INTL. 8,569 28,818 169.4% 9,060 -9,405 70 NOVELL 8,505 3,932 -63.1% -5,169 -28,274 71 FORTUNE BRANDS 8,210 10,428 311.1% 11,256 3,850 72 INTL. PAPER 8,154 20,713 68.5% 5,091 -11,890 | | | | | | | |
| 63 COLGATE-PALM. 8,901 26,889 336.9% 25,621 14,420 64 MAY DEPT. STORES 8,737 8,389 83.9% 6,845 -3,749 65 FREDDIE MAC 8,710 40,469 467.0% 37,836 25,065 66 ARCHER-DANLSMIDL. 8,652 9,842 52.1% 3,994 -8,545 67 NORFOLK SOUTHERN 8,616 9,233 53.8% 4,051 -7,213 68 ITT INDUSTRIES 8,590 6,847 592.8% 12,597 12,110 69 HONEYWELL INTL. 8,569 28,818 169.4% 9,060 -9,405 70 NOVELL 8,505 3,932 -63.1% -5,169 -28,274 71 FORTUNE BRANDS 8,210 10,428 311.1% 11,256 3,850 72 INTL. PAPER 8,154 20,713 68.5% 5,091 -11,890 | | | | | | | |
| 64 MAY DEPT. STORES 8,737 8,389 83.9% 6,845 -3,749 65 FREDDIE MAC 8,710 40,469 467.0% 37,836 25,065 66 ARCHER-DANLSMIDL. 8,652 9,842 52.1% 3,994 -8,545 67 NORFOLK SOUTHERN 8,616 9,233 53.8% 4,051 -7,213 68 ITT INDUSTRIES 8,590 6,847 592.8% 12,597 12,110 69 HONEYWELL INTL. 8,569 28,818 169.4% 9,060 -9,405 70 NOVELL 8,505 3,932 -63.1% -5,169 -28,274 71 FORTUNE BRANDS 8,210 10,428 311.1% 11,256 3,850 72 INTL. PAPER 8,154 20,713 68.5% 5,091 -11,890 | | | | | | | |
| 65 FREDDIE MAC 8,710 40,469 467.0% 37,836 25,065 66 ARCHER-DANLSMIDL. 8,652 9,842 52.1% 3,994 -8,545 67 NORFOLK SOUTHERN 8,616 9,233 53.8% 4,051 -7,213 68 ITT INDUSTRIES 8,590 6,847 592.8% 12,597 12,110 69 HONEYWELL INTL. 8,569 28,818 169.4% 9,060 -9,405 70 NOVELL 8,505 3,932 -63.1% -5,169 -28,274 71 FORTUNE BRANDS 8,210 10,428 311.1% 11,256 3,850 72 INTL. PAPER 8,154 20,713 68.5% 5,091 -11,890 | | | | | | | |
| 66 ARCHER-DANLSMIDL. 8,652 9,842 52.1% 3,994 -8,545 67 NORFOLK SOUTHERN 8,616 9,233 53.8% 4,051 -7,213 68 ITT INDUSTRIES 8,590 6,847 592.8% 12,597 12,110 69 HONEYWELL INTL. 8,569 28,818 169.4% 9,060 -9,405 70 NOVELL 8,505 3,932 -63.1% -5,169 -28,274 71 FORTUNE BRANDS 8,210 10,428 311.1% 11,256 3,850 72 INTL. PAPER 8,154 20,713 68.5% 5,091 -11,890 | | | | | | | |
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| 69 HONEYWELL INTL. 8,569 28,818 169.4% 9,060 -9,405 70 NOVELL 8,505 3,932 -63.1% -5,169 -28,274 71 FORTUNE BRANDS 8,210 10,428 311.1% 11,256 3,850 72 INTL. PAPER 8,154 20,713 68.5% 5,091 -11,890 | | | | | | | |
| 70 NOVELL 8,505 3,932 -63.1% -5,169 -28,274 71 FORTUNE BRANDS 8,210 10,428 311.1% 11,256 3,850 72 INTL. PAPER 8,154 20,713 68.5% 5,091 -11,890 | | | | | | | |
| 71 FORTUNE BRANDS 8,210 10,428 311.1% 11,256 3,850 72 INTL. PAPER 8,154 20,713 68.5% 5,091 -11,890 | | | | | | | |
| 72 INTL. PAPER 8,154 20,713 68.5% 5,091 -11,890 | | | | | | | |
| | | | | | | | |
| 75 CONAUKA 8,130 14,109 121.4% 9,003 -2,824 | | | | | | | |
| | 13 | CONAUKA | 0,130 | 14,169 | 121.4% | 9,003 | -2,824 |

| 74 | PNC FINL. SVS. GP. | 7,999 | 15,175 | 195.8% | 13,468 | 2,946 |
|-----|-------------------------|-------|------------------|---------|---------|------------------|
| 75 | LOEWS | 7,820 | 9,170 | 87.2% | 5,280 | -5,467 |
| 76 | CHUBB | 7,820 | 12,788 | 93.4% | 6,706 | -3,407 -4,518 |
| 77 | CONS. EDISON | | | | | |
| | | 7,632 | 9,675 | 155.6% | 7,975 | -1,001 |
| 78 | XEROX | 7,521 | 10,928 | 29.1% | 2,934 | -11,350 |
| 79 | WEYERHAEUSER | 7,519 | 14,068 | 143.7% | 8,587 | -2,593 |
| 80 | AUTOMATIC DATA PROC. | 7,470 | 23,546 | 230.5% | 17,075 | 4,652 |
| 81 | DUKE ENERGY | 7,401 | 18,559 | 82.8% | 5,476 | -9,073 |
| 82 | GANNETT | 7,316 | 24,168 | 324.5% | 20,263 | 10,227 |
| 83 | CORNING | 7,298 | 13,869 | 14.2% | -4,211 | -22,387 |
| 84 | PUB. SER. ENTER. GP. | 7,236 | 10,300 | 191.1% | 8,765 | 572 |
| 85 | CSX | 7,085 | 7,692 | 35.6% | 2,229 | -8,512 |
| 86 | APPLE COMPUTERS | 7,067 | 7,858 | -25.7% | -3,106 | -20,963 |
| 87 | PPG INDUSTRIES | 6,990 | 10,879 | 165.7% | 9,065 | 906 |
| 88 | RAYTHEON 'B' | 6,909 | 12,503 | 48.4% | 3,697 | -6,243 |
| 89 | ELECTRONIC DATA SYSTEMS | 6,779 | 11,788 | -12.2% | -4,537 | -28,423 |
| 90 | ALBERTSONS | 6,677 | 8,311 | 11.9% | 104 | -11,250 |
| 91 | UST | 6,665 | 5,919 | 101.2% | 3,977 | -4,407 |
| 92 | MARSH & MCLENNAN | 6,653 | 25,393 | 328.5% | 20,629 | 9,928 |
| 93 | FPL GROUP | 6,586 | 12,034 | 192.2% | 9,952 | 1,819 |
| 94 | CONOCOPHILLIPS | 6,538 | 44,638 | 266.9% | 21,247 | 10,571 |
| 95 | DOMINION RES. | 6,440 | 20,707 | 202.5% | 10,731 | 1,166 |
| 96 | ROCKWELL AUTOMATION | 6,416 | 6,637 | 549.6% | 14,621 | 10,092 |
| 97 | PITNEY-BOWES | 6,260 | 9,489 | 177.7% | 9,397 | 1,848 |
| 98 | SLM | 6,233 | 16,987 | 606.9% | 17,236 | 9,953 |
| 99 | ALCOA | 6,137 | 32,883 | 423.6% | 25,229 | 14,559 |
| 100 | UNOCAL | 6,131 | 9,537 | 88.9% | 5,049 | -3,865 |
| 101 | MERRILL LYNCH & CO. | 6,115 | 55,272 | 836.1% | 40,356 | 29,937 |
| 102 | AMER. ELEC. PWR. | 6,113 | 12,052 | 83.1% | 3,447 | -5,181 |
| 103 | WELLS FARGO & CO | 6,040 | 99,644 | 617.4% | 63,922 | 35,987 |
| 103 | UNITED TECHNOLOGIES | 5,953 | 44,430 | 870.0% | 43,518 | 36,316 |
| 105 | CENTERPOINT EN. | 5,941 | 2,966 | 0.8% | 1,004 | -6,583 |
| 105 | WINN-DIXIE STRS. | 5,886 | 1,409 | -64.5% | -2,929 | -12,221 |
| 107 | ENTERGY | 5,780 | 12,899 | 200.9% | 10,265 | 1,789 |
| 107 | EXELON | 5,757 | 21,623 | 316.9% | 11,868 | 2,726 |
| 108 | WACHOVIA | 5,748 | 61,872 | 218.4% | 24,054 | -4,239 |
| 1 | MEDTRONIC | 5,673 | 58,919 | 770.5% | 44,961 | 32,018 |
| 110 | SPRINT | | | | | |
| 111 | | 5,612 | 14,843 14,265 | 152.0% | 8,753 | -2,287 |
| 112 | CVS | 5,554 | | 88.0% | 3,580 | -8,057 |
| 113 | GEORGIA PACIFIC | 5,500 | 7,794 | 75.7% | 4,060 | -4,106 |
| 114 | SUNTRUST BANKS | 5,476 | 20,129 | 323.3% | 14,908 | 6,423 |
| 115 | CATERPILLAR | 5,413 | 28,828 | 689.5% | 29,929 | 23,721 |
| 116 | TARGET | 5,400 | 35,000 | 600.3% | 30,152 | 21,574 |
| 117 | COOPER INDS. | 5,370 | 5,408 | 75.0% | 2,473 | -5,218 |
| 118 | WALGREEN | 5,369 | 37,286 | 637.2% | 32,198 | 23,786 |
| 119 | CITIGROUP | 5,313 | 250,402 | 1412.1% | 176,740 | 128,875 |
| 120 | AIR PRDS. & CHEMS. | 5,297 | 12,006 | 179.7% | 8,421 | 464 |
| 121 | BURLINGTON RES. | 5,239 | 11,001 | 60.2% | 4,153 | -5,925 |
| 122 | DILLARDS 'A' | 5,149 | 1,305 | -64.4% | -3,396 | -12,698 |
| 123 | OCCIDENTAL PTL. | 5,144 | 16,268 | 298.8% | 12,986 | 5,524 |
| 124 | DONNELLEY R R | 5,092 | 3,426 | 24.7% | 959 | -6,005 |
| 125 | SYSCO | 4,942 | 24,093 | 559.4% | 22,493 | 15,744 |
| 126 | MARATHON OIL | 4,938 | 10,266 | 177.0% | 7,388 | 138 |
| 127 | GT. LAKES CHM. | 4,937 | 1,376 | -50.1% | -2,009 | -9,098 |
| 128 | GOODYEAR TIRE | 4,899 | 1,378 | -69.8% | -2,995 | -11,518 |
| 129 | DTE ENERGY | 4,814 | 6,631 | 131.9% | 4,441 | -1,473 |
| 130 | CISCO SYSTEMS | 4,791 | 167,268 | 2118.7% | 115,900 | 78,164 |
| 131 | GAP | 4,748 | 20,792 | 413.1% | 18,692 | 11,445 |
| 132 | MASCO | 4,507 | 12,695 | 137.4% | 6,557 | -1,815 |
| 133 | PROGRESS EN. | 4,460 | 11,018 | 192.9% | 6,677 | 888 |
| 134 | BANK OF NEW YORK | 4,331 | 24,098 | 548.6% | 25,293 | 19,171 |
| 135 | AMERADA HESS | 4,259 | 4,779 | 34.2% | 1,459 | -5,026 |
| | | , | <u> </u> | | / | , - |

| 136 | ALLTEL | 4,216 | 14,536 | 166.9% | 5,146 | -4,360 |
|-----|------------------------|-------|--------|---------|------------|--------|
| 137 | H & R BLOCK | 4,211 | 9,871 | 265.7% | 7,855 | 1,717 |
| 138 | CIGNA | 4,206 | 8,078 | 289.3% | 14,533 | 11,283 |
| | | | | | | |
| 139 | INTL. FLAV & FRAG. | 4,188 | 3,271 | 33.3% | 1,201 | -4,285 |
| 140 | TORCHMARK | 4,141 | 5,154 | 92.2% | 2,865 | -3,280 |
| 141 | PPL | 4,133 | 7,758 | 193.2% | 5,042 | -145 |
| 142 | NIKE 'B' | 4,033 | 11,797 | 271.9% | 9,458 | 2,751 |
| 143 | FLEETBOSTON FINL. | 4,030 | 46,032 | 298.5% | 25,679 | 9,124 |
| 144 | ORACLE | 3,983 | 69,161 | 1788.1% | 74,562 | 67,574 |
| 145 | AVON PRODUCTS | 3,975 | 15,962 | 521.3% | 15,446 | 10,236 |
| 146 | DELUXE | 3,922 | 2,089 | 83.7% | 1,560 | -3,770 |
| 147 | UNITEDHEALTH GP. | 3,904 | 34,131 | 723.1% | 32,728 | 23,323 |
| 148 | NAT. CITY | 3,896 | 20,614 | 324.6% | 12,612 | 2,680 |
| | | | | | | |
| 149 | GENUINE PARTS | 3,893 | 5,776 | 113.8% | 3,875 | -1,724 |
| 150 | TEXTRON | 3,886 | 7,761 | 230.5% | 7,987 | 3,473 |
| 151 | TEXAS INSTS. | 3,841 | 50,846 | 984.2% | 38,922 | 27,258 |
| 152 | BURL. NTHN. SANTA FE C | 3,825 | 12,009 | 170.9% | 7,466 | -2,247 |
| 153 | WRIGLEY WILLIAM JR. | 3,817 | 10,324 | 317.1% | 9,991 | 5,549 |
| 154 | FIRST DATA | 3,781 | 29,947 | 389.5% | 23,856 | 11,597 |
| 155 | KEYCORP | 3,733 | 12,289 | 186.3% | 11,872 | 5,065 |
| 156 | CARNIVAL | 3,685 | 25,013 | 461.1% | 18,022 | 9,506 |
| 157 | ILLINOIS TOOL WKS. | 3,649 | 25,855 | 488.4% | 19,221 | 11,815 |
| 158 | COMERICA | 3,648 | 9,831 | 279.8% | 8,352 | 3,759 |
| 159 | ROHM & HAAS | 3,613 | 9,510 | 209.9% | 6,302 | 723 |
| | SAFECO | | | | | -2,588 |
| 160 | | 3,596 | 5,394 | 95.1% | 2,674 | |
| 161 | UNUMPROVIDENT | 3,573 | 4,669 | -26.5% | -1,965 | -9,501 |
| 162 | FIRSTENERGY | 3,528 | 11,610 | 191.4% | 6,030 | 225 |
| 163 | AON | 3,525 | 7,508 | 103.4% | 3,558 | -2,229 |
| 164 | HERSHEY FOODS | 3,521 | 7,676 | 307.2% | 8,137 | 4,511 |
| 165 | LIZ CLAIBORNE | 3,437 | 3,870 | 95.7% | 1,661 | -3,932 |
| 166 | SUN MICROSYSTEMS | 3,422 | 14,602 | 325.4% | 4,383 | -5,584 |
| 167 | PHELPS DODGE | 3,403 | 6,798 | 107.1% | 3,559 | -1,469 |
| 168 | PROVIDIAN FINL. | 3,402 | 3,378 | 134.7% | 5,373 | 3,009 |
| 169 | NUCOR | 3,396 | 4,384 | 59.7% | 1,810 | -3,940 |
| 170 | COMPUTER ASSOCS. INTL. | 3,394 | 15,832 | 370.4% | 12,861 | 5,651 |
| 171 | CONSTELLATION EN. | 3,359 | 6,536 | 188.2% | 5,034 | 882 |
| | | | | | | |
| 172 | DEERE & CO. | 3,339 | 15,893 | 472.0% | 14,726 | 9,909 |
| 173 | STATE STREET | 3,281 | 17,406 | 440.7% | 14,322 | 8,728 |
| 174 | LNA. PACIFIC | 3,260 | 1,893 | -24.5% | -898 | -6,684 |
| 175 | HUMANA | 3,249 | 3,681 | 218.5% | 5,649 | 7,855 |
| 176 | ST. PAUL | 3,234 | 9,046 | 186.6% | 6,247 | 964 |
| 177 | FIFTH THIRD BANCORP | 3,228 | 33,629 | 567.4% | 20,934 | 12,451 |
| 178 | BAUSCH & LOMB | 3,202 | 2,695 | 20.8% | 312 | -4,880 |
| 179 | KNIGHT-RIDDER | 3,180 | 6,182 | 230.4% | 5,129 | 1,277 |
| 180 | NEWELL RUBBERMAID | 3,180 | 6,248 | 43.8% | 1,040 | -5,134 |
| 181 | NORDSTROM | 3,173 | 4,714 | 104.8% | 2,811 | -2,595 |
| 182 | GRAINGER W W | 3,151 | 4,325 | 84.8% | 2,390 | -2,178 |
| 183 | V F | 3,134 | 4,684 | 113.1% | 3,251 | -1,417 |
| 184 | TRIBUNE | 3,134 | 16,112 | 397.1% | 11,334 | 6,331 |
| | | | | | | |
| 185 | WHIRLPOOL | 3,119 | 5,061 | 111.4% | 3,125 | -1,771 |
| 186 | LINCOLN NAT. | 3,105 | 7,185 | 216.0% | 6,758 | 2,061 |
| 187 | HALLIBURTON | 3,080 | 11,390 | 136.7% | 3,492 | -5,287 |
| 188 | GEN. DYNAMICS | 3,073 | 17,873 | 630.6% | 14,687 | 11,127 |
| 189 | REEBOK INTL. | 3,056 | 2,316 | 20.3% | 577 | -4,212 |
| 190 | CINCINNATI FIN. | 3,052 | 6,698 | 187.4% | 5,122 | 702 |
| 191 | INGERSOLL-RAND | 3,043 | 11,776 | 319.3% | 9,205 | 4,168 |
| 192 | MCGRAW-HILL CO. | 3,014 | 13,397 | 489.6% | 12,681 | 8,752 |
| 193 | BECTON DICKINSON & CO. | 2,983 | 10,447 | 381.2% | 9,061 | 5,384 |
| 194 | SUNOCO | 2,976 | 3,951 | 177.7% | 2,901 | -560 |
| 195 | INTL. GAME TECH. | 2,960 | 12,360 | 487.4% | 9,839 | 4,224 |
| 196 | FEDEX | 2,950 | 20,141 | 398.5% | 13,833 | 6,745 |
| 190 | SIGMA ALDRICH | | | | | |
| 19/ | SIGMA ALDRICH | 2,862 | 3,965 | 118.0% | 2,672 | -1,691 |
| | | 1 | | | <u>, '</u> | |

| 198 | MELLON FINL. | 2,859 | 13,815 | 398.2% | 16,745 | 12,698 |
|-----|-----------------------------|-------|--------|---------|--------|---------|
| 199 | TEMPLE INLAND | 2,840 | 3,401 | 57.9% | 1,421 | -2,902 |
| 200 | | 2,838 | 1,579 | -22.2% | -779 | -5,597 |
| 1 | COOPER TIRE RUB. | | | | | |
| 201 | HASBRO | 2,833 | 3,713 | 63.5% | 1,444 | -3,343 |
| 202 | AFLAC | 2,832 | 18,554 | 772.0% | 18,077 | 14,377 |
| 203 | EATON | 2,823 | 8,206 | 296.0% | 7,094 | 3,077 |
| 204 | NEWMONT MINING | 2,803 | 17,801 | 61.3% | 8,640 | 650 |
| 205 | VIACOM 'B' | 2,800 | 71,702 | 112.6% | 11,790 | -16,195 |
| 206 | HERCULES | 2,766 | 1,353 | -29.1% | 587 | -2,185 |
| 207 | GOLDEN WEST FINL. | 2,758 | 15,677 | 660.8% | 14,731 | 10,637 |
| 208 | SEMPRA EN. | 2,744 | 6,801 | 138.5% | 3,440 | -1,137 |
| 209 | AUTOZONE | 2,743 | 7,436 | 334.2% | 7,535 | 2,796 |
| 210 | DOW JONES & CO. | 2,731 | 3,032 | 135.5% | 3,328 | 494 |
| | | | | | | |
| 211 | BAKER HUGHES | 2,731 | 10,769 | 96.8% | 4,947 | |
| 212 | FRANK. RES. | 2,730 | 12,936 | 382.2% | 10,521 | 5,145 |
| 213 | SOUTHWEST AIRLINES | 2,726 | 12,705 | 321.6% | 9,280 | |
| 214 | ALLEGHENY EN. | 2,718 | 1,620 | -5.2% | 456 | -2,927 |
| 215 | XCEL ENERGY | 2,706 | 6,772 | 49.2% | -34 | -5,288 |
| 216 | SHERWIN-WILLIAMS | 2,702 | 5,064 | 178.5% | 4,003 | 211 |
| 217 | MBIA | 2,649 | 8,537 | 230.9% | 6,031 | 1,405 |
| 218 | DOVER | 2,622 | 8,050 | 319.1% | 7,615 | 4,441 |
| 219 | INTERPUBLIC GP. | 2,613 | 6,119 | 53.1% | -769 | -6,364 |
| 220 | CLOROX | 2,540 | 10,248 | 445.7% | 9,331 | 5,716 |
| 221 | DELTA AIR LINES | 2,528 | 1,458 | -52.0% | -1,371 | -6,669 |
| 222 | | | | 140.8% | | |
| | FEDERATED DEPT. STRS. | 2,489 | 8,521 | | 5,055 | -1,308 |
| 223 | MBNA | 2,456 | 31,750 | 1287.1% | 28,786 | 24,567 |
| 224 | CIRCUIT CITY STORES | 2,438 | 2,133 | 20.1% | 115 | -5,429 |
| 225 | JEFFERSON PILOT | 2,433 | 7,144 | 373.5% | 7,326 | 4,385 |
| 226 | MATTEL | 2,431 | 8,284 | 67.3% | 2,960 | -3,852 |
| 227 | MCCORMICK & CO NV. | 2,426 | 3,731 | 151.8% | 2,322 | -1,209 |
| 228 | TECO ENERGY | 2,391 | 2,546 | 24.3% | 701 | -2,648 |
| 229 | EOG RES. | 2,350 | 5,314 | 233.5% | 4,109 | 218 |
| 230 | PALL | 2,327 | 3,373 | 73.1% | 1,540 | -2,178 |
| 231 | ENGELHARD | 2,307 | 3,757 | 138.3% | 2,474 | -980 |
| 232 | MEADWESTVACO | 2,245 | 5,967 | 102.0% | 2,644 | -606 |
| 233 | SUPERVALU | 2,243 | 3,834 | 151.2% | 2,505 | -515 |
| 234 | NTHN. TRUST | 2,213 | | 423.7% | | |
| | | | 10,198 | | 9,143 | 5,898 |
| 235 | PRAXAIR | 2,183 | 12,422 | 425.9% | 9,871 | 5,601 |
| 236 | KERR-MCGEE | 2,173 | 4,688 | 48.2% | 657 | -3,442 |
| 237 | DANA | 2,156 | 2,727 | 8.1% | -1,009 | -5,921 |
| 238 | BOSTON SCIENTIFIC | 2,125 | 30,112 | 604.2% | 22,392 | 13,238 |
| 239 | HILTON HOTELS | 2,065 | 6,499 | 196.3% | 3,653 | -1,013 |
| 240 | RYDER SYSTEM | 2,065 | 2,190 | 84.7% | 1,150 | -1,513 |
| 241 | TENET HLTHCR. | 2,054 | 7,460 | 101.5% | 974 | -5,927 |
| 242 | NEW YORK TIMES 'A' | 2,039 | 7,078 | 328.2% | 7,223 | 4,012 |
| 243 | US. STEEL | 2,023 | 3,617 | 43.1% | 1,042 | -3,434 |
| 244 | OFFICE DEPOT | 2,005 | 5,233 | 66.5% | -85 | -6,835 |
| 245 | ST. JUDE MED. | 1,994 | 10,585 | 348.2% | 8,002 | 3,903 |
| 245 | TJX COS. | 1,994 | 11,097 | 617.4% | 11,420 | 7,778 |
| | | | | | | |
| 247 | CENDANT PROCRESSIVE OUTO | 1,967 | 22,564 | 159.2% | 637 | -18,667 |
| 248 | PROGRESSIVE OHIO | 1,942 | 18,055 | 794.2% | 16,211 | 12,303 |
| 249 | PACCAR | 1,936 | 9,932 | 747.7% | 9,688 | 7,096 |
| 250 | STANLEY WORKS | 1,934 | 3,070 | 144.3% | 2,334 | -382 |
| 251 | RADIOSHACK | 1,878 | 5,035 | 365.3% | 5,674 | 3,286 |
| 252 | STRYKER | 1,869 | 16,958 | 790.0% | 14,814 | 11,253 |
| 253 | BMC SOFTWARE | 1,868 | 4,220 | 105.8% | -50 | -5,857 |
| 254 | BIOMET | 1,865 | 9,266 | 419.1% | 7,623 | 4,157 |
| 255 | HARRAHS ENTM. | 1,862 | 5,498 | 299.6% | 4,688 | 2,317 |
| 256 | VULCAN MATERIALS | 1,826 | 4,838 | 282.1% | 4,104 | 1,783 |
| 257 | BEAR STEARNS | 1,817 | 7,971 | 692.9% | 8,763 | 6,799 |
| 258 | WILLIAMS COS. | 1,802 | 5,089 | 111.3% | -598 | -5,839 |
| 259 | JOHNSON CONTROLS | 1,798 | 10,487 | 550.8% | 9,061 | 6,372 |
| 239 | JOHNSON CONTROLS | 1,/90 | 10,407 | 330.6% | 9,001 | 0,372 |
| | | | | | | |

| 260 | AVERY DENNISON | 1,784 | 6,189 | 404.8% | 5,823 | 3,632 |
|-----|---------------------|-------|--------|----------|---------|---------|
| | | 1,774 | 3,653 | | 2,945 | 429 |
| 261 | PINNACLE WEST CAP. | | | 191.7% | | |
| 262 | NISOURCE | 1,768 | 5,758 | 177.9% | 2,360 | -246 |
| 263 | LOWE'S COMPANIES | 1,760 | 43,556 | 1825.5% | 38,442 | 33,384 |
| 264 | HUNTINGTON BCSH. | 1,756 | 5,150 | 235.1% | 4,052 | 788 |
| 265 | DELL | 1,756 | 87,003 | 4430.7% | 89,956 | 88,349 |
| 266 | BARD C R | 1,750 | 4,193 | 202.0% | 3,047 | 311 |
| | | | | | | |
| 267 | ALLERGAN | 1,749 | 10,312 | 609.0% | 9,384 | 6,794 |
| 268 | CHIRON CORP | 1,724 | 10,696 | 303.4% | 7,185 | 2,067 |
| 269 | AMER. GREETINGS 'A' | 1,689 | 1,342 | 10.4% | 233 | -2,334 |
| 270 | FOREST LABS. | 1,679 | 22,596 | 1128.3% | 19,493 | 16,153 |
| 271 | DYNEGY 'A' | 1,674 | 1,199 | -46.4% | -5,186 | -9,492 |
| 272 | UNISYS | 1,638 | 4,907 | 46.6% | -1,596 | -8,665 |
| | | | | | | |
| 273 | ANADARKO PETROLEUM | 1,625 | 12,798 | 271.3% | 2,393 | -3,245 |
| 274 | NORTHROP GRUMMAN | 1,610 | 17,507 | 268.0% | 4,173 | -433 |
| 275 | ADVD. MICRO DEVC. | 1,589 | 5,194 | 64.5% | 1,428 | -4,802 |
| 276 | MAYTAG | 1,585 | 2,188 | 144.0% | 2,389 | 570 |
| 277 | COCA COLA ENTS. | 1,584 | 9,949 | 467.6% | 7,205 | 3,963 |
| 278 | ASHLAND | 1,581 | 3,023 | 142.8% | 1,921 | -652 |
| | | | | | | |
| 279 | EQUIFAX | 1,562 | 3,407 | 316.6% | 4,590 | 2,469 |
| 280 | BRUNSWICK | 1,546 | 2,913 | 150.4% | 1,928 | -659 |
| 281 | BLACK & DECKER | 1,512 | 3,834 | 215.2% | 3,196 | 691 |
| 282 | AMBAC FINANCIAL | 1,511 | 7,415 | 434.7% | 6,140 | 3,839 |
| 283 | MGIC INVT | 1,476 | 5,609 | 361.2% | 5,197 | 3,019 |
| 284 | CMS ENERGY | 1,469 | 1,228 | -29.6% | -837 | -3,613 |
| | | | | | | |
| 285 | PARKER-HANNIFIN | 1,434 | 7,055 | 453.4% | 5,999 | 3,749 |
| 286 | BROWN-FORMAN 'B' | 1,401 | 3,015 | 343.4% | 3,246 | 1,672 |
| 287 | NICOR | 1,384 | 1,499 | 124.8% | 1,353 | -194 |
| 288 | CENTURYTEL | 1,377 | 4,704 | 181.3% | 2,929 | 213 |
| 289 | PARAMETRIC TECH. | 1,358 | 1,049 | -40.5% | -1,256 | -5,577 |
| 290 | WORTHINGTON INDS. | 1,358 | 1,558 | 75.0% | 736 | -1,321 |
| | | | | | | |
| 291 | MARSHALL & ILSLEY | 1,355 | 8,661 | 357.1% | 6,399 | 3,531 |
| 292 | HARLEY-DAVIDSON | 1,353 | 14,400 | 958.1% | 13,338 | 10,897 |
| 293 | CUMMINS | 1,343 | 2,070 | 63.9% | 762 | -1,986 |
| 294 | SNAP-ON | 1,330 | 1,878 | 111.9% | 1,316 | -426 |
| 295 | KROGER | 1,321 | 13,790 | 406.3% | 7,050 | 1,456 |
| 296 | FAMILY \$ STRS. | 1,316 | 6,176 | 442.6% | 5,207 | 2,918 |
| 297 | AMSOUTH BANC. | 1,308 | 8,601 | 289.4% | 5,799 | 2,484 |
| | | | | | | |
| 298 | APPLIED MATS. | 1,296 | 37,732 | 2027.7% | 30,786 | 25,104 |
| 299 | LEGGETT&PLATT | 1,293 | 4,152 | 210.3% | 2,930 | 412 |
| 300 | COUNTRYWIDE FINL. | 1,291 | 13,966 | 618.3% | 10,523 | 7,373 |
| 301 | COMPUTER SCIS. | 1,286 | 8,285 | 239.2% | 3,093 | -1,587 |
| 302 | BEMIS | 1,285 | 2,656 | 157.4% | 1,834 | -135 |
| 303 | SAFEWAY | 1,283 | 9,678 | 573.8% | 8,661 | 5,309 |
| 304 | THERMO ELECTRON | 1,267 | 4,103 | 187.6% | 2,713 | -79 |
| | | | | | | |
| 305 | GOODRICH | 1,251 | 3,492 | 87.5% | 1,257 | -1,473 |
| 306 | CINTAS | 1,249 | 8,570 | 488.4% | 6,395 | 3,745 |
| 307 | WENDY'S INTL. | 1,244 | 4,471 | 252.6% | 3,322 | 1,011 |
| 308 | THOMAS & BETTS | 1,229 | 1,338 | -6.7% | -332 | -2,774 |
| 309 | AES | 1,224 | 5,850 | 116.7% | -3,310 | -9,354 |
| 310 | AMER. POWER CONV. | 1,220 | 4,865 | 252.9% | 3,359 | 137 |
| 311 | REGIONS FINL. | 1,226 | 8,265 | 223.8% | 3,697 | -688 |
| | | | | | | |
| 312 | SOUTHTRUST | 1,179 | 10,864 | 697.2% | 9,971 | 7,385 |
| 313 | OMNICOM GP. | 1,177 | 16,593 | 899.5% | 13,479 | 10,519 |
| 314 | EL PASO | 1,156 | 4,909 | -26.6% | -13,850 | -20,495 |
| 315 | ECOLAB | 1,156 | 7,052 | 603.6% | 6,516 | 4,862 |
| 316 | APPLERA APPD. BIOS. | 1,156 | 4,308 | 200.9% | 3,024 | 276 |
| 317 | ALLEGHENY TECHS. | 1,144 | 1,066 | -44.1% | -2,040 | -6,043 |
| | | | | | | |
| 318 | NATIONAL SEMICON. | 1,132 | 7,017 | 270.9% | 4,226 | -250 |
| 319 | AUTODESK | 1,109 | 2,773 | 132.0% | 1,519 | -908 |
| 320 | PERKINELMER | 1,103 | 2,165 | 125.9% | 392 | -1,480 |
| 321 | KOHLS | 1,051 | 15,280 | 1098.3% | 12,594 | 10,198 |
| | | | l | <u> </u> | l l | |

| 322 | US BANCORP | 1,048 | 57,438 | 915.7% | 23,036 | 10,229 |
|-----|----------------------|-------|--------|---------|--------|---------|
| 323 | PEOPLES ENERGY | 1,047 | 1,491 | 159.2% | 1,223 | -65 |
| 323 | FIRST TEN. NAT. | 1,034 | 5,535 | 580.6% | 5,724 | 4,352 |
| | | 1 ' | | | | |
| 325 | MILLIPORE | 1,000 | 2,101 | 207.1% | 1,653 | 366 |
| 326 | GENZYME | 987 | 11,048 | 359.8% | 6,038 | 2,589 |
| 327 | CHARLES SCHWAB | 986 | 16,062 | 1355.2% | 10,582 | 6,817 |
| 328 | NEXTEL COMMS. A | 983 | 29,852 | 203.4% | 10,124 | -1,281 |
| 329 | CENTEX | 976 | 6,691 | 619.9% | 5,638 | 3,842 |
| 330 | KEYSPAN | 965 | 5,853 | 191.2% | 2,764 | 146 |
| 331 | JONES APPAREL GROUP | 961 | 4,451 | 271.5% | 2,868 | 808 |
| 332 | WASHINGTON MUTUAL | 944 | 36,081 | 448.0% | 19,434 | 6,510 |
| 333 | STAPLES | 935 | 13,518 | 653.6% | 8,302 | 4,298 |
| 334 | BALL | 928 | 3,357 | 368.5% | 2,749 | 1,383 |
| 335 | ELECTRONIC ARTS | 928 | 14,202 | 824.7% | 11,112 | 8,364 |
| 336 | EMC | 910 | 31,033 | 1704.9% | 14,544 | 5,262 |
| 337 | COMPUWARE | 902 | 2,320 | 87.7% | 445 | -2,414 |
| 338 | SCIENTIFIC ATLANTA | 900 | 4,145 | 342.7% | 3,162 | 792 |
| | | 900 | | | 11,993 | 9,891 |
| 339 | LINEAR TECH. | | 13,143 | 1288.7% | | |
| 340 | APACHE | 880 | 13,141 | 446.8% | 8,584 | 5,056 |
| 341 | SYNOVUS FINL. | 874 | 8,727 | 687.1% | 7,529 | 5,592 |
| 342 | TYCO INTL. | 850 | 52,976 | 565.8% | -7,436 | -35,216 |
| 343 | MOLEX | 838 | 3,503 | 309.4% | 2,578 | 1,054 |
| 344 | BIG LOTS | 828 | 1,661 | 23.5% | -69 | -2,586 |
| 345 | PULTE HOMES | 823 | 5,767 | 565.8% | 4,371 | 2,859 |
| 346 | BOISE CASCADE | 802 | 1,961 | 93.7% | 793 | -969 |
| 347 | ANALOG DEVICES | 780 | 16,973 | 1586.8% | 13,630 | 10,610 |
| 348 | COMCAST 'A' | 764 | 44,485 | 454.9% | 14,888 | 12,598 |
| 349 | DANAHER | 738 | 14,052 | 1342.3% | 11,305 | 9,371 |
| 350 | DOLLAR GENERAL | 724 | 7,074 | 832.5% | 6,143 | 4,556 |
| 351 | MICRON TECH. | 724 | 8,215 | 622.2% | 1,589 | -3,513 |
| 352 | CRANE | 720 | 1,827 | 276.0% | 1,672 | 734 |
| 353 | ADOBE SYS. | 712 | 9,145 | 950.8% | 8,696 | 5,922 |
| 354 | PAYCHEX | 697 | 14,044 | 1884.6% | 13,573 | 12,242 |
| 355 | T ROWE PRICE GP. | 652 | 5,904 | 888.0% | 5,426 | 4,316 |
| 356 | CITIZENS COMMS. | 638 | 3,533 | 15.9% | 922 | -1,256 |
| 357 | ADC TELECOM. | 628 | 2,390 | 105.5% | -3,184 | -6,939 |
| 358 | BED BATH & BEYOND | 624 | 12,935 | 1775.0% | 11,558 | 10,287 |
| | | 1 | | | | |
| 359 | SOLECTRON | 614 | 4,943 | 153.0% | -6,092 | -12,888 |
| 360 | TEKTRONIX | 603 | 2,678 | 431.6% | 2,437 | 1,199 |
| 361 | PLUM CREEK TIMBER | 601 | 5,572 | 373.9% | 2,589 | 1,312 |
| 362 | ADOLPH COORS 'B' | 598 | 1,971 | 322.8% | 1,731 | 870 |
| 363 | | 576 | 2,179 | 197.0% | 1,215 | -319 |
| 364 | CARDINAL HEALTH | 574 | 26,479 | 771.0% | 15,211 | 8,208 |
| 365 | NAVISTAR INTL. | 572 | 3,300 | 113.5% | 1,510 | -1,460 |
| 366 | XILINX | 571 | 13,225 | 1735.6% | 10,204 | 7,838 |
| 367 | FISERV | 569 | 7,663 | 692.6% | 5,896 | 4,219 |
| 368 | HCA | 550 | 20,385 | 211.5% | 10,645 | -8,438 |
| 369 | TIFFANY & CO | 541 | 6,628 | 1019.6% | 5,806 | 4,590 |
| 370 | MANOR CARE | 533 | 3,082 | 219.4% | 1,288 | -706 |
| 371 | QUALCOMM | 503 | 43,148 | 3566.0% | 12,581 | -4,960 |
| 372 | TERADYNE | 500 | 4,870 | 562.1% | 3,213 | 1,077 |
| 373 | BB & T | 495 | 21,121 | 449.1% | 9,656 | 4,611 |
| 374 | LSI LOGIC | 484 | 3,362 | 230.1% | 29 | -3,342 |
| 375 | STARBUCKS | 484 | 13,061 | 1333.9% | 10,853 | 8,951 |
| 376 | SEALED AIR | 483 | 4,601 | 331.0% | 1,849 | -493 |
| 377 | KB HOME | 477 | 3,361 | 420.8% | 2,824 | 1,765 |
| | | | | | | |
| 378 | ZIONS BANCORP. | 466 | 5,512 | 691.7% | 3,650 | 2,124 |
| 379 | SUNGARD DATA SYSTEMS | 453 | 7,961 | 645.2% | 5,006 | 3,100 |
| 380 | BEST BUY CO. | 438 | 16,961 | 2323.5% | 14,641 | 12,131 |
| 381 | ALBERTO CULVER 'B' | 428 | 3,781 | 448.3% | 1,758 | 1,098 |
| 382 | MEREDITH | 420 | 1,965 | 715.5% | 2,149 | 1,937 |
| 383 | UNION PLANTERS | 404 | 5,938 | 200.2% | 2,633 | -804 |
| | • | 1 | | L | ı | |

| 384 | MAXIM INTEGRATED PRDS. | 398 | 16 202 | 2604.201 | 12 100 | 0.005 |
|-----|------------------------|-----------|-----------|----------|-----------|-----------|
| | | | 16,292 | 2604.3% | 12,108 | 9,995 |
| 385 | ANDREW | 394 | 1,835 | 140.7% | 559 | -378 |
| 386 | NABORS INDS. | 380 | 6,083 | 538.5% | 3,313 | 1,106 |
| 387 | CHARTER ONE FINL. | 377 | 7,692 | 544.1% | 5,780 | 3,494 |
| 388 | HEALTH MAN. AS. A | 352 | 5,827 | 956.8% | 5,010 | 3,677 |
| 389 | TELLABS | 339 | 3,509 | 736.6% | 603 | -1,639 |
| 390 | SYMANTEC | 316 | 10,628 | 912.7% | 8,462 | 6,491 |
| 91 | CONCORD EFS | 309 | 6,902 | 1045.8% | 2,401 | 228 |
| 392 | MEDIMMUNE | 306 | 6,282 | 562.1% | 1,847 | -419 |
| 393 | SYMBOL TECHS. | 304 | 3,876 | 903.2% | 2,866 | 1,880 |
| 394 | PEOPLESOFT | 283 | 8,545 | 1210.4% | 3,567 | 1,056 |
| 395 | KINDER MORGAN KANS | 274 | 7,283 | 517.7% | 5,081 | 3,546 |
| 396 | ALTERA | 259 | 8,579 | 2714.6% | 7,797 | 6,554 |
| 397 | KLA TENCOR | 229 | 11,398 | 1811.2% | 8,467 | 5,920 |
| 398 | CLEAR CHL. COMMS. | 187 | 28,828 | 2786.8% | 3,059 | -6,842 |
| 399 | TIME WARNER | 164 | 78,105 | 7775.8% | -28,439 | -66,238 |
| 400 | BIOGEN IDEC | 80 | 12,023 | 2416.7% | 3,359 | 2,307 |
| | | 2,409,199 | 9,144,622 | | 6,285,445 | 2,050,471 |

8. What should the shareholder return be compared with?

In section 5, we saw that the company creates value if the shareholder return exceeds the required return (and it destroys value in the opposite case).

However, the shareholder return is often compared with other benchmarks⁷. The most common benchmarks are:

- a) zero. If the shareholder return is positive (above zero), the shareholders have more money in nominal terms than they had at the beginning of the year.
- b) the return of Treasury bonds. If the shareholder return exceeds that of investing in Treasury bonds, the shareholders have obtained an additional return for bearing more risk (the additional risk of investing in the company instead of investing in Treasury bonds).
- c) required return to equity. If the shareholder return exceeds the expected return, the company has created value: the shareholders have obtained a return that is greater than that required to compensate the additional risk of investing in the company instead of investing in Treasury bonds.
- d) shareholder return of companies in the same industry. If the shareholder return exceeds the shareholder return of companies in the same industry, the company has created more value than the other companies in its industry (for an equal investment and risk).
- e) return of the stock market index. If the shareholder return exceeds the return of the stock market index, the company has outperformed the market as a whole.

⁷ Comparing different benchmarks enables different questions to be answered.

