

# 1. Destructive Growth

(摧毀投資人價值的成長)

## 2. Capital Gains vs. Dividends

授課教授：黃志典

- Jeremy Siegel, 2005, The Future for Investors .

## IBM vs. Standard Oil of NJ (Exxon Mobil), 1950-2003

	IBM	Standard Oil	Advantage
<b>Growth Measures</b>			
Revenue Per Share	12.19%	8.04%	IBM
Dividends Per Share	9.19%	7.11%	IBM
Earnings Per Share	10.94%	7.47%	IBM
Sector Growth	14.65%	-14.22%	IBM
<b>Valuation Measures</b>			
Average P/E	26.76	12.97%	Standard Oil of NJ
Average Dividend Yield	2.18%	5.19%	Standard Oil of NJ
<b>Return Measures</b>			
Price Appreciation	11.41%	8.77%	IBM
Dividend Return	2.18%	5.19%	Standard Oil of NJ
Total Return \$1,000	13.83% \$0.961 Mil.	14.42% \$1.26 Mil	Standard Oil of NJ

## Performance of Original S&P 500 Portfolios and Index (1957-2003)

Portfolio	Accumulation Based on \$1,000 Invested	Annual Return	Risk
Survivors Portfolio	\$151,261	11.31%	15.72%
Direct Descendants	\$153,799	11.35%	15.93%
Total Descendants	\$157,029	11.40%	16.08%
S&P 500	\$124,522	10.58%	17.02%

## Top-twenty Performing Survivors, 1957-2003

Rank	2003 Name	Accumulation of \$1,000	Annual Return
1	Philips Morris	\$4,626,402	19.75%
2	Abbott Laboratories	\$1,281,335	16.51%
3	Bristol-Myers Squibb Co	\$1,209,445	16.36%
4	Tootsie Roll Industries	\$1,109,955	16.11%
5	Pfizer	\$1,054,823	16.03%
6	Coca-Cola Co	\$1,051,646	16.02%
7	Merck	\$1,003,410	15.90%
8	PepsiCo	\$866,068	15.54%
9	Colgate-Palmolive	\$761,163	15.22%
10	Crane	\$736,796	15.14%
11	H.J. Heinz	\$635,988	14.78%
12	Wrigley	\$603,877	14.65%
13	Fortune Brands	\$580,025	14.55%
14	Kroger	\$546,793	14.41%
15	Schering-Plough	\$537,050	14.36%
16	Procter & Gamble	\$513,752	14.26%
17	Hershey Foods	\$507,001	14.22%
18	Wyeth	\$461,186	13.99%
19	Royal Dutch Petroleum	\$398,837	13.64%
20	General Mills	\$388,425	13.58%
	<b>S&amp;P 500</b>	<b>\$124,486</b>	<b>10.85%</b>

## Cumulative Returns to S&P 500, Sorted by P/E Ratios (5 等分) :1957-2003

P/E Ratio	Return	Risk	Accumulated Stock Returns (2003)
Lowest	14.07%	15.92%	\$425,703
Highest	9.17%	19.39%	\$56,661
S&P 500	11.18%	17.02%	\$130,768

➤ \$1,000 investment in 1957

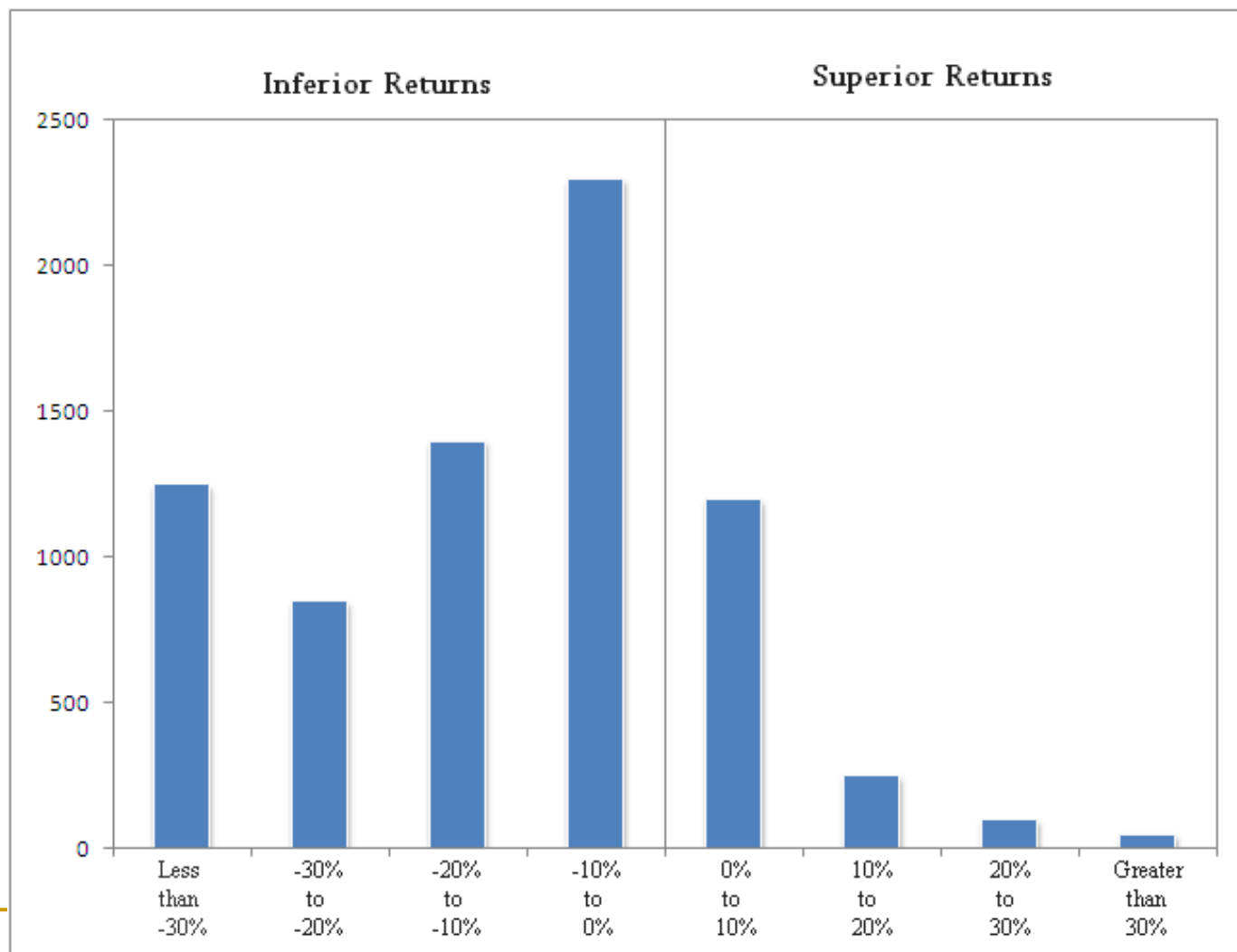
## Vital Statistics on the Top-twenty Survivors

Rank	2003 Name	Annual Return	Earnings Per Share Growth	Average P/E Ratio	Dividend Yield
1	Philips Morris	19.75%	14.75%	13.13	4.07%
2	Abbott Laboratories	16.51%	12.38%	21.37	2.25%
3	Bristol-Myers Squibb Co	16.36%	11.59%	23.52	2.87%
4	Tootsie Roll Industries	16.11%	10.44%	16.80	2.44%
5	Pfizer	16.03%	12.16%	26.19	2.45%
6	Coca-Cola Co	16.02%	11.22%	27.42	2.81%
7	Merck	15.90%	13.15%	25.32	2.37%
8	PepsiCo	15.54%	11.23%	20.42	2.53%
9	Colgate-Palmolive	15.22%	9.03%	21.60	3.39%
10	Crane	15.14%	8.22%	13.38	3.62%
11	H.J. Heinz	14.78%	8.94%	15.40	3.27%
12	Wrigley	14.65%	8.69%	18.34	4.02%
13	Fortune Brands	14.55%	6.20%	12.88	5.31%
14	Kroger	14.41%	6.21%	14.95	5.89%
15	Schering-Plough	14.36%	7.27%	21.30	2.57%
16	Procter & Gamble	14.26%	9.82%	24.28	2.75%
17	Hershey Foods	14.22%	8.23%	15.87	3.67%
18	Wyeth	13.99%	8.88%	21.12	3.32%
19	Royal Dutch Petroleum	13.64%	6.67%	12.56	5.24%
20	General Mills	13.58%	8.89%	17.53	3.20%
	<b>Average of Top 20</b>	<b>15.26%</b>	<b>9.70%</b>	<b>19.17</b>	<b>3.40%</b>
	<b>S&amp;P 500</b>	<b>10.85%</b>	<b>6.08%</b>	<b>17.45</b>	<b>3.27%</b>

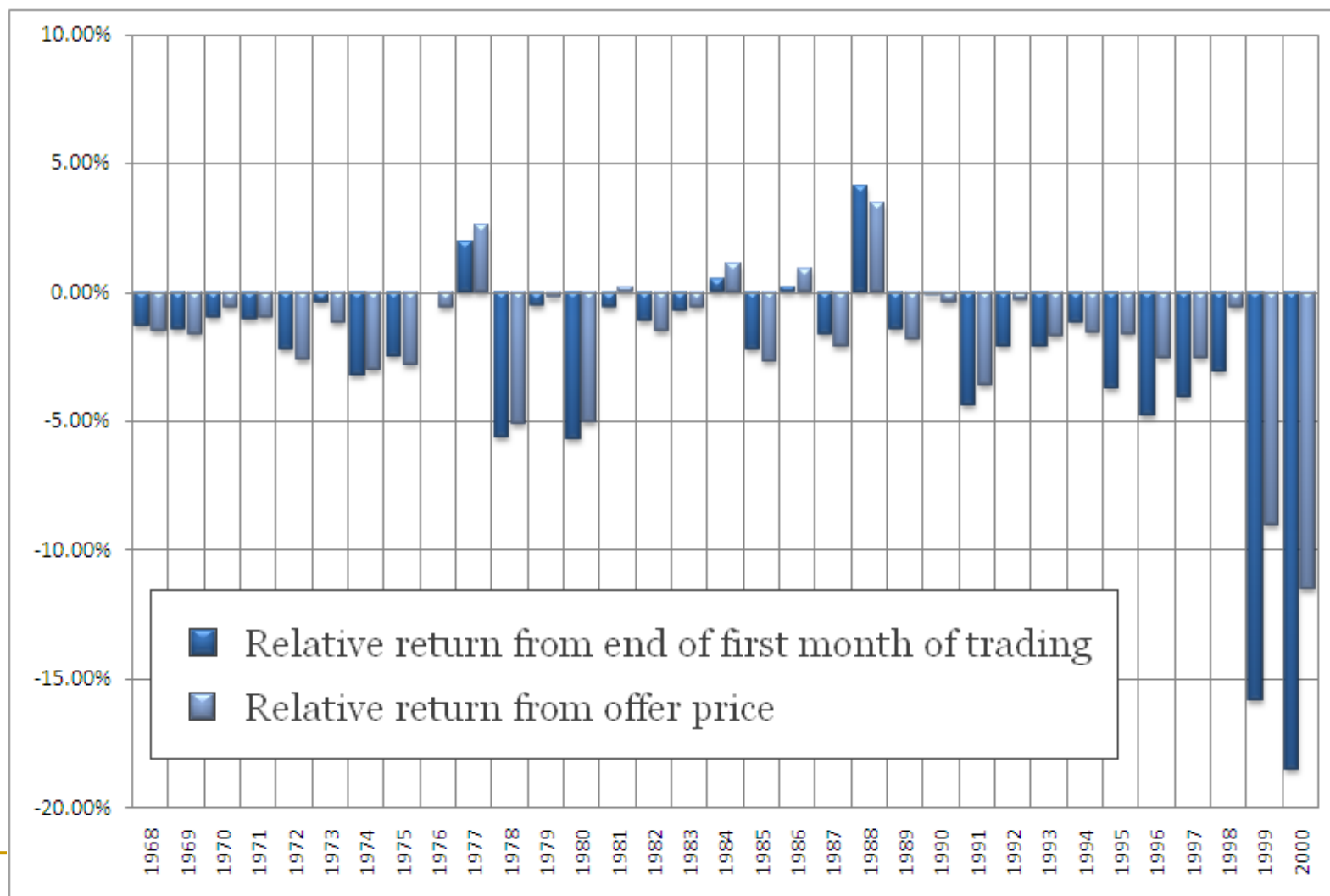
## Market Share and Returns, 1957-2003

Sector	Market Share 2003	Market Share 1957	Market Share Expansion (Shrinkage)	Actual Sector Return	Return on Original Firms
Financial	20.64%	0.77%	19.87%	10.58%	12.44%
Information Technology	17.74%	3.03%	14.71%	11.39%	11.42%
Health Care	13.31%	1.17%	12.14%	14.19%	15.01%
Consumer Discretionary	11.30%	14.58%	-3.28%	11.09%	9.80%
Consumer Staples	10.98%	5.75%	5.23%	13.36%	14.43%
Industrials	10.90%	12.03%	-1.13%	10.22%	11.17%
Energy	5.80%	21.57%	-15.68%	11.32%	12.32%
Telecommunications Services	3.45%	7.45%	-4.00%	9.63%	10.47%
Materials	3.04%	26.10%	-23.06%	8.18%	9.41%
Utilities	2.84%	7.56%	-4.81%	9.52%	9.97%
<b>S&amp;P 500</b>	<b>100%</b>	<b>100%</b>	<b>0%</b>	<b>10.85%</b>	<b>11.40%</b>

## IPOs (8,606 for 1968-2000)的表現：1968-2003之年化報酬率 (相對於小型股指數之年化報酬率)



## 歷年(1968-2000)IPOs 組合的表現：1968-2003之年化報酬率（相對於小型股指數之年化報酬率）



## Returns to S&P 500 Firms Sorted by Capital Expenditure/Sales Ratios (5 等分) : 1957-2003

Capital Expenditure/Sales	Return	Accumulated Stock Returns (2003)
Lowest	14.78%	\$567,490
Highest	9.55%	\$66,275
S&P 500	11.18%	\$130,768

➤ \$1,000 investment in 1957

# Capital Gains and Reinvested Dividends: 1871-2003

	Stock Returns (2003)
Capital Gains	\$243,386
Total Return ( <i>dividends reinvested</i> )	\$7,947,930

➤ \$1,000 invested in 1871

## Cumulative Returns to S&P 500 Sorted by Dividend Yield ( 5 等分 ) : 1957-2003

Dividend Yield	Return	Risk	Accumulated Stock Returns (2003)
Highest	14.27%	19.29%	\$462,750
Lowest	9.50%	23.78%	\$64,930
S&P 500	11.18%	17.02%	\$130,768

➤ \$1,000 investment in 1957

# Asset Returns between September 1929 and November 1954

Asset	Stock Returns
S&P 500 Price Change	\$1,070
Bonds	\$2,530
S&P 500 <i>Total Return Without Crash</i>	\$2,720
S&P 500 Total Return	\$4,440

➤ \$1,000 invested at the market peak of September 1929

## A Tale of Two Countries: China and Brazil Stock Returns and GDP Growth: 1992-2003

	GDP Growth	Stock Returns
China	86%	\$320
Brazil	-6%	\$4,781

➤ \$1,000 investment at the end of 1992