|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Asset Most | lass Ris isk | kiness* <br> east Risk |  |  | Significant Historical Event |
|  | Small Company Stocks | Large <br> Company <br> Stocks | ong-Tern <br> Corporat Bonds | termedia <br> overnme <br> Bonds | U.S. <br> Treasury <br> Bills | Inflation |  |
| The Roaring '20s and Depression Years |  |  |  |  |  |  |  |
| 1926 | 0.3\% | 11.6\% | 7.4\% | 5.4\% | 3.3\% | -1.5\% | 1929 Stock Market "Crash" <br> Great Depression Begins |
| 1927 | 22.1\% | 37.5\% | 7.4\% | 4.5\% | 3.1\% | -2.1\% |  |
| 1928 | 39.7\% | 43.6\% | 2.8\% | 0.9\% | 3.6\% | -1.0\% |  |
| 1929 | -51.4\% | -8.4\% | 3.3\% | 6.0\% | 4.7\% | 0.2\% |  |
| 1930 | -38.1\% | -24.9\% | 8.0\% | 6.7\% | 2.4\% | -6.0\% |  |
| 1931 | -49.8\% | -43.3\% | -1.9\% | -2.3\% | 1.1\% | -9.5\% |  |
| 1932 | -5.4\% | -8.2\% | 10.8\% | 8.8\% | 1.0\% | -10.3\% |  |
| 1933 | 142.9\% | 54.0\% | 10.4\% | 1.8\% | 0.3\% | 0.5\% |  |
| 1934 | 24.2\% | -1.4\% | 13.8\% | 9.0\% | 0.2\% | 2.0\% |  |
| 1935 | 40.2\% | 47.7\% | 9.6\% | 7.0\% | 0.2\% | 3.0\% |  |
| 10 Years $\rightarrow$ | 0.3\% | 5.9\% | 7.1\% | 4.7\% | 2.0\% | -2.6\% | Avg Annual Compound |
| Inflation Ac. | 2.9\% | 8.5\% | 9.7\% | 7.3\% | 4.6\% | --- | Total Return (10 Years) |


| 1936 | 64.8\% | 33.9\% | 6.7\% | 3.1\% | 0.2\% | 1.2\% |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1937 | -58.0\% | -35.0\% | 2.7\% | 1.6\% | 0.3\% | 3.1\% |  |
| 1938 | 32.8\% | 31.1\% | 6.1\% | 6.2\% | 0.0\% | -2.8\% |  |
| 1939 | 0.3\% | -0.4\% | 4.0\% | 4.5\% | 0.0\% | -0.5\% | World War II Begins |
| 1940 | -5.2\% | -9.8\% | 3.4\% | 3.0\% | 0.0\% | 1.0\% |  |
| 1941 | -9.0\% | -11.6\% | 2.7\% | 0.5\% | 0.1\% | 9.7\% | Pearl Harbor Attack |
| 1942 | 44.5\% | 20.3\% | 2.6\% | 1.9\% | 0.3\% | 9.3\% |  |
| 1943 | 88.4\% | 25.9\% | 2.8\% | 2.8\% | 0.3\% | 3.2\% |  |
| 1944 | 53.7\% | 19.8\% | 4.7\% | 1.8\% | 0.3\% | 2.1\% |  |
| 1945 | 73.6\% | 36.4\% | 4.1\% | 2.2\% | 0.3\% | 2.3\% | Hiroshima/World War II Ends |
| 1946 | -11.6\% | -8.1\% | 1.7\% | 1.0\% | 0.4\% | 18.2\% |  |
| 11 Years | 16.0\% | 6.8\% | 3.8\% | 2.6\% | 0.2\% | 4.1\% | Avg Annual Compound |
| Inflation Ac | 11.9\% | 2.7\% | -0.3\% | -1.5\% | -3.9\% | --- | Total Return (11 Years) |


| 1950 | 38.7\% | 31.7\% | 2.1\% | 0.7\% | 1.2\% | 5.8\% |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1951 | 7.8\% | 24.0\% | -2.7\% | 0.4\% | 1.5\% | 5.9\% |  |
| 1952 | 3.0\% | 18.4\% | 3.5\% | 1.6\% | 1.7\% | 0.9\% |  |
| 1953 | -6.5\% | -1.0\% | 3.4\% | 3.2\% | 1.8\% | 0.6\% |  |
| 4 Years $\rightarrow$ | 9.6\% | 17.6\% | 1.6\% | 1.5\% | 1.5\% | 3.3\% | Avg Annual Compound |
| Inflation Ac. | 6.3\% | 14.3\% | -2.3\% | -1.8\% | -1.8\% | --- | Total Return (4 Years) |


| 1958 | 64.9\% | 43.4\% | -2.2\% | -1.3\% | 1.5\% | 1.8\% |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1959 | 16.4\% | 12.0\% | -1.0\% | -0.4\% | 3.0\% | 1.5\% |  |
| 1960 | -3.3\% | 0.5\% | 9.1\% | 11.8\% | 2.7\% | 1.5\% |  |
| 1961 | 32.1\% | 26.9\% | 4.8\% | 1.8\% | 2.1\% | 0.7\% |  |
| 1962 | -11.9\% | -8.7\% | 7.9\% | 5.6\% | 2.7\% | 1.2\% |  |
| 1963 | 23.6\% | 22.8\% | 2.2\% | 1.6\% | 3.1\% | 1.6\% |  |
| 1964 | 23.5\% | 16.5\% | 4.8\% | 4.0\% | 3.5\% | 1.2\% |  |
| 1965 | 41.8\% | 12.5\% | -0.5\% | 1.0\% | 3.9\% | 1.9\% |  |
| 1966 | -7.0\% | -10.1\% | 0.2\% | 4.7\% | 4.8\% | 3.4\% |  |
| 1967 | 83.6\% | 24.0\% | -5.0\% | 1.0\% | 4.2\% | 3.0\% |  |
| 1968 | 36.0\% | 11.1\% | 2.6\% | 4.5\% | 5.2\% | 4.7\% |  |
| 1969 | -25.1\% | -8.5\% | -8.1\% | -0.7\% | 6.6\% | 6.1\% |  |
| 1970 | -17.4\% | 4.0\% | 18.4\% | 16.9\% | 6.5\% | 5.5\% |  |
| 1971 | 16.5\% | 14.3\% | 11.0\% | 8.7\% | 4.4\% | 3.4\% |  |
| 1972 | 4.4\% | 19.0\% | 7.3\% | 5.2\% | 3.8\% | 3.4\% | Arab-Israeli War/ |
| 1973 | -30.9\% | -14.7\% | 1.1\% | 4.6\% | 6.9\% | 8.8\% | U.S. Oil Embargo |
| 16 -Years $\rightarrow$ | 11.4\% | 9.2\% | 3.1\% | 4.2\% | 4.1\% | 3.1\% | Avg Annual Compound |
| Inflation Ac | 8.3\% | 6.1\% | 0.0\% | 1.1\% | -1.8\% | --- | Total Return (16 Years) |

The Oil Embargo Years and High-Inflation Early 1980s

| 1974 | $-19.9 \%$ | $-26.5 \%$ | $-3.1 \%$ | $5.7 \%$ | $8.0 \%$ | $12.2 \%$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1975 | $52.8 \%$ | $37.2 \%$ | $14.6 \%$ | $7.8 \%$ | $5.8 \%$ | $7.0 \%$ |  |
| 1976 | $57.4 \%$ | $23.8 \%$ | $18.6 \%$ | $12.9 \%$ | $5.1 \%$ | $4.8 \%$ |  |
| 1977 | $25.4 \%$ | $-7.2 \%$ | $1.7 \%$ | $1.4 \%$ | $5.1 \%$ | $6.8 \%$ |  |
| 1978 | $23.5 \%$ | $6.6 \%$ | $-0.1 \%$ | $3.5 \%$ | $7.2 \%$ | $9.0 \%$ |  |
| 1979 | $43.5 \%$ | $18.4 \%$ | $-4.2 \%$ | $4.1 \%$ | $10.4 \%$ | $13.3 \%$ |  |
| 1980 | $39.9 \%$ | $32.4 \%$ | $-2.8 \%$ | $3.9 \%$ | $11.2 \%$ | $12.4 \%$ |  |
| 1981 | $13.9 \%$ | $-4.9 \%$ | $-1.2 \%$ | $9.5 \%$ | $14.7 \%$ | $8.9 \%$ |  |
| 1982 | $28.0 \%$ | $21.4 \%$ | $42.6 \%$ | $29.1 \%$ | $10.5 \%$ | $3.9 \%$ |  |
| 1983 | $39.7 \%$ | $22.5 \%$ | $6.3 \%$ | $\mathbf{7 . 4 \%}$ | $8.8 \%$ | $3.8 \%$ |  |
| 10YYears | $28.4 \%$ | $10.6 \%$ | $6.4 \%$ | $8.3 \%$ | $8.6 \%$ | $8.2 \%$ | Avg Annual Compound |
| Inflation $A \subset$ | $20.2 \%$ | $2.4 \%$ | $-1.8 \%$ | $0.1 \%$ | $0.4 \%$ | --- | Total Return (10 Years) |

The Late ' 80 s and Gulf War Era

| 1986 | $6.9 \%$ | $18.5 \%$ | $19.8 \%$ | $15.1 \%$ | $6.2 \%$ | $1.1 \%$ | Shuttle Challenger Explodes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1987 | $-9.3 \%$ | $5.2 \%$ | $-0.3 \%$ | $2.9 \%$ | $5.5 \%$ | $4.4 \%$ | 1987 Market Crash $-20 \%$ in One Day |
| 1988 | $22.9 \%$ | $16.8 \%$ | $10.7 \%$ | $6.1 \%$ | $6.3 \%$ | $4.4 \%$ |  |
| 1989 | $10.2 \%$ | $31.5 \%$ | $16.2 \%$ | $13.3 \%$ | $8.4 \%$ | $4.6 \%$ |  |
| 1990 | $-21.6 \%$ | $-3.2 \%$ | $6.8 \%$ | $9.7 \%$ | $7.8 \%$ | $6.1 \%$ | Iraq invades Kuwait |


| 1991 | 44.6\% | 30.5\% | 19.9\% | 15.5\% | 5.6\% | 3.1\% | Persian Gulf War began |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1992 | 23.3\% | 7.7\% | 9.4\% | 7.2\% | 3.5\% | 2.9\% | and ended early 1991 |
| 1993 | 21.0\% | 10.0\% | 13.2\% | 11.2\% | 2.9\% | 2.7\% |  |
| 1994 | 3.1\% | 1.3\% | -5.8\% | -5.1\% | 3.9\% | 2.7\% |  |
| 1995 | 34.5\% | 37.4\% | 27.2\% | 16.8\% | 5.6\% | 2.5\% |  |
| 1996 | 17.6\% | 23.1\% | 1.4\% | 2.1\% | 5.2\% | 3.3\% |  |
| 1997 | 22.8\% | 33.4\% | 12.9\% | 8.4\% | 5.3\% | 1.7\% |  |
| 1998 | -7.3\% | 28.6\% | 10.8\% | 10.2\% | 4.9\% | 1.6\% |  |
| 13-Years $\rightarrow$ | 11.5\% | 17.8\% | 10.6\% | 8.6\% | 5.4\% | 3.2\% | Avg Annual Compound |
| Inflation Ac | 8.3\% | 14.4\% | 7.4\% | 5.4\% | 2.2\% | --- | Total Return (13 Years) |


| 1999 | 29.8\% | 21.0\% | -7.4\% | -1.8\% | 4.7\% | 2.7\% |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2000 | -3.6\% | -9.1\% | 12.9\% | 12.6\% | 5.9\% | 3.4\% | Start of Dot.com correction |
| 2001 | 22.8\% | -11.9\% | 10.6\% | 7.6\% | 3.8\% | 1.6\% | World Trade Center |
| 2002 | -13.3\% | -22.1\% | 16.3\% | 12.9\% | 1.6\% | 2.4\% | Attack Sept. 11, 2001 |
| 2003 | 60.7\% | 28.7\% | 5.3\% | 2.4\% | 1.0\% | 1.9\% |  |
| 2004 | 18.4\% | 10.9\% | 8.7\% | 2.3\% | 1.2\% | 3.3\% |  |
| 2005 | 5.7\% | 4.9\% | 5.9\% | 1.4\% | 3.0\% | 3.4\% |  |
| 2006 | 16.2\% | 15.8\% | 3.2\% | 3.1\% | 4.8\% | 2.5\% |  |
| 2007 | -5.2\% | 5.5\% | 2.6\% | 10.1\% | 4.7\% | 4.1\% |  |
| 2008 | -36.7\% | -37.0\% | 8.8\% | 13.1\% | 1.6\% | 0.1\% | Financial Meltdown of 2008 |
| 5 Years $\rightarrow$ | -2.7\% | -2.2\% | 5.8\% | 5.9\% | 3.0\% | 2.7\% | Avg Annual Compound |
| Inflation Ac | -5.4\% | -4.9\% | 3.1\% | 3.2\% | 0.3\% | --- | Total Return (5 Years) |
| 10-Years $\rightarrow$ | 6.4\% | -1.4\% | 6.5\% | 6.2\% | 3.2\% | 2.5\% | Avg Annual Compound |
| Inflation Ac | 3.9\% | -3.9\% | 4.0\% | 3.7\% | 0.7\% | --- | Total Return (10 Years) |
| 20Years | 9.8\% | 8.4\% | 8.7\% | 7.5\% | 4.2\% | 2.8\% | Avg Annual Compound |
| Inflation Ac | 7.0\% | 5.6\% | 5.9\% | 4.7\% | 1.4\% | --- | Total Return (10 Years) |

* Small Company: Fifth Capitalization quintile of stocks on the NYSE for 1926-1981. Performance of Dimensional Fund Advisors Small Company Cap Fund April 2001 to Present. Large Company: S\&P 5001957 to Present and S\&P 901926 to 1957 Longterm Corporate: 20 Year Maturity Maturity U. A. Treasury Bill: Large Company: Source: Ibbotson Associates, Chicago. "Stocks, Bonds, Bills, and Inflation", 200

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[^0]:    Updated November, 2009

