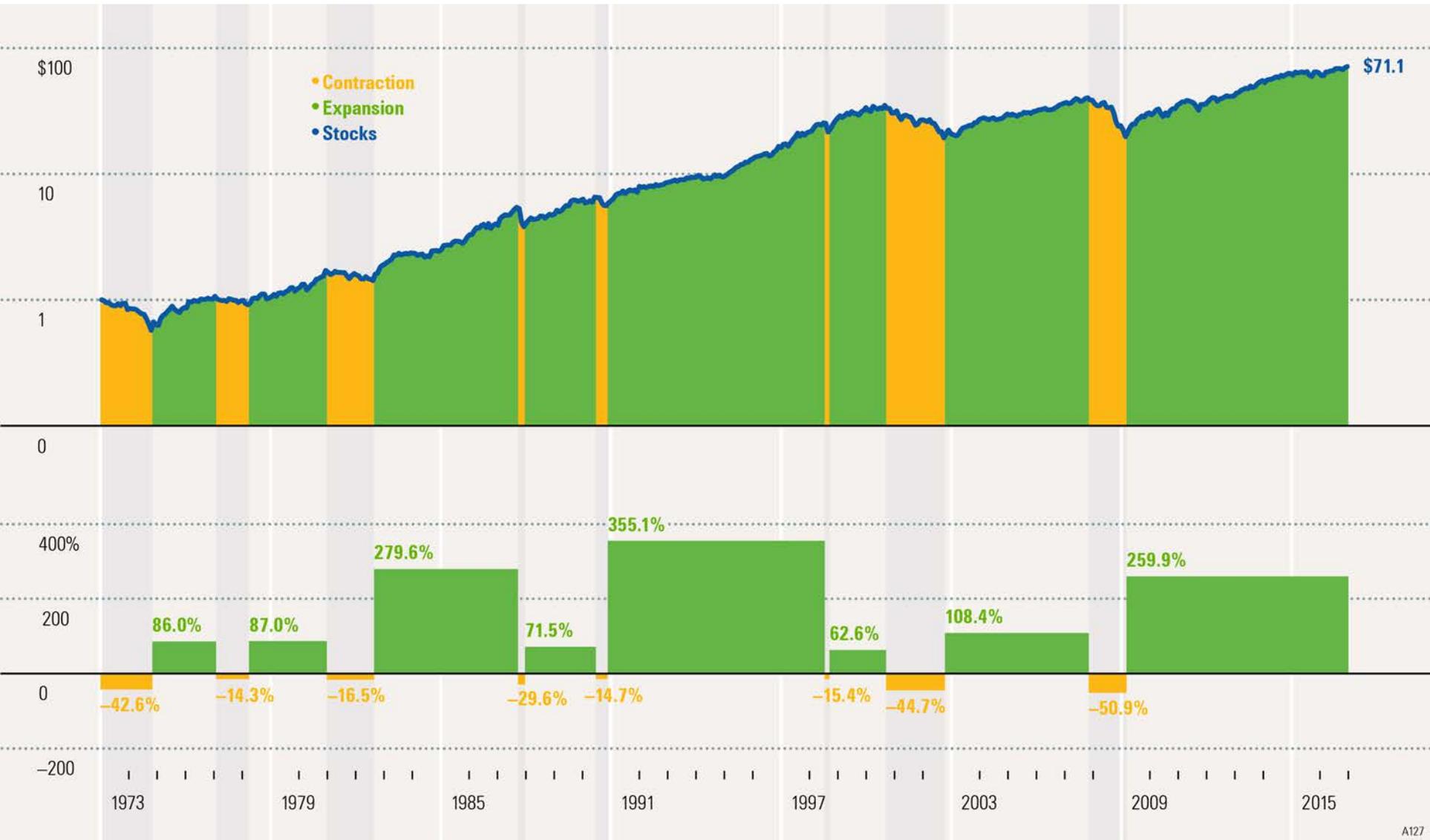
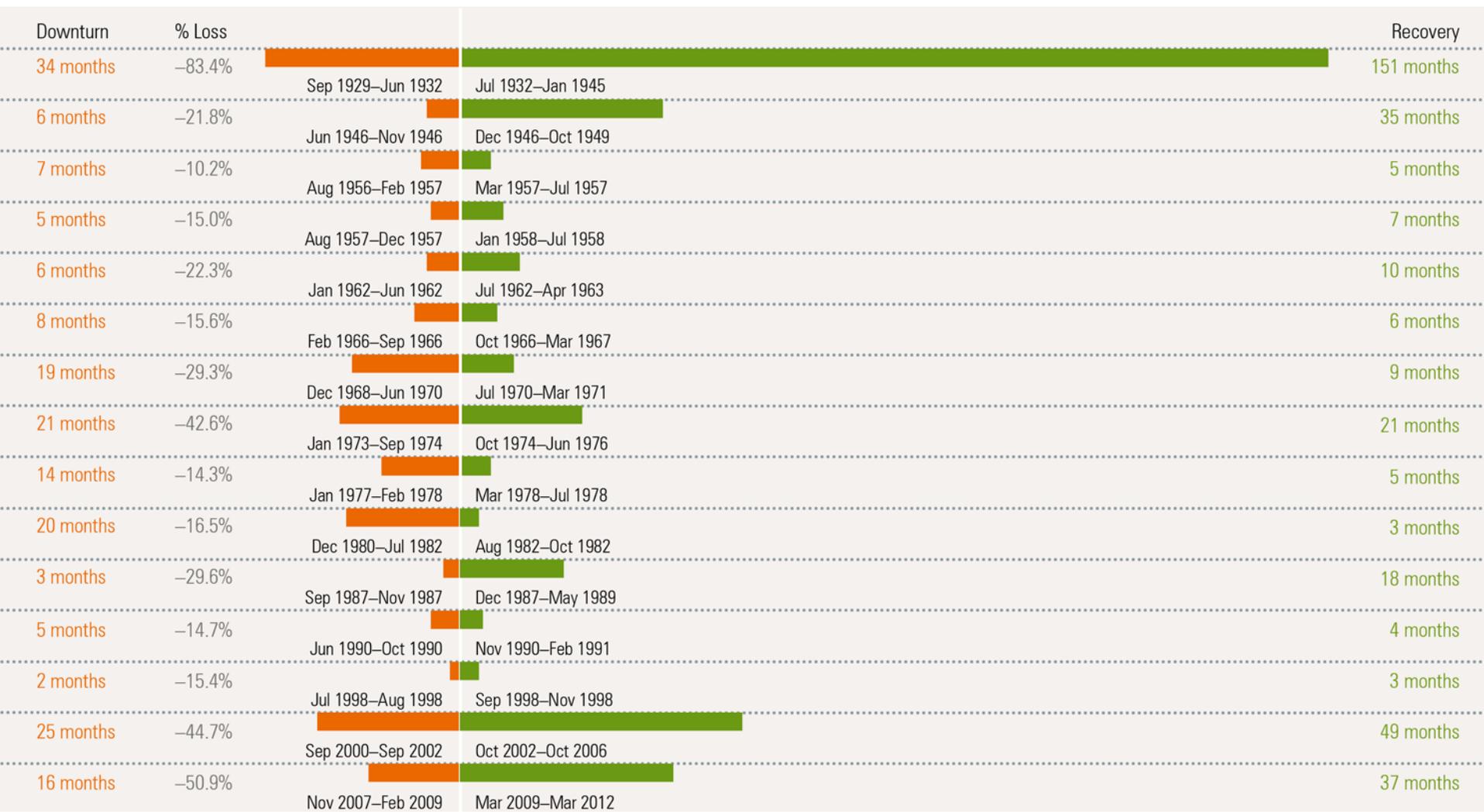

Downturns and Recoveries

Stock Market Contractions and Expansions 1973–2016



Past performance is no guarantee of future results. This is for illustrative purposes only and not indicative of any investment. An investment cannot be made directly in an index. © Morningstar. All Rights Reserved.

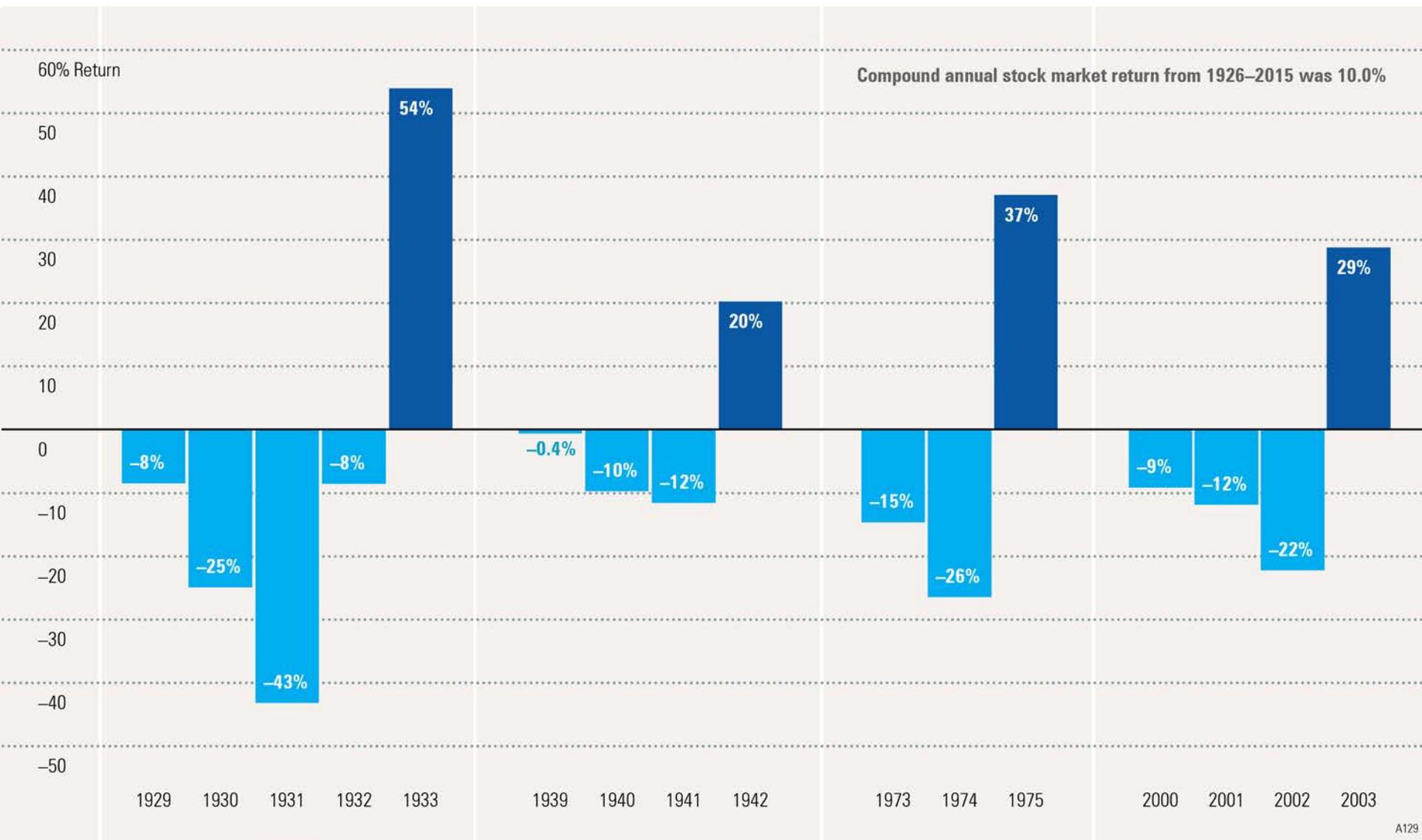
Market Downturns and Recoveries 1926–2016



Past performance is no guarantee of future results. This is for illustrative purposes only and not indicative of any investment. An investment cannot be made directly in an index. Downturns are defined by a time period when the stock market value declined by 10% or more from its peak. © Morningstar. All Rights Reserved.



Periods of Consecutive Negative Stock Returns 1926–2016



A129

Past performance is no guarantee of future results. This is for illustrative purposes only and not indicative of any investment. An investment cannot be made directly in an index. © Morningstar. All Rights Reserved.



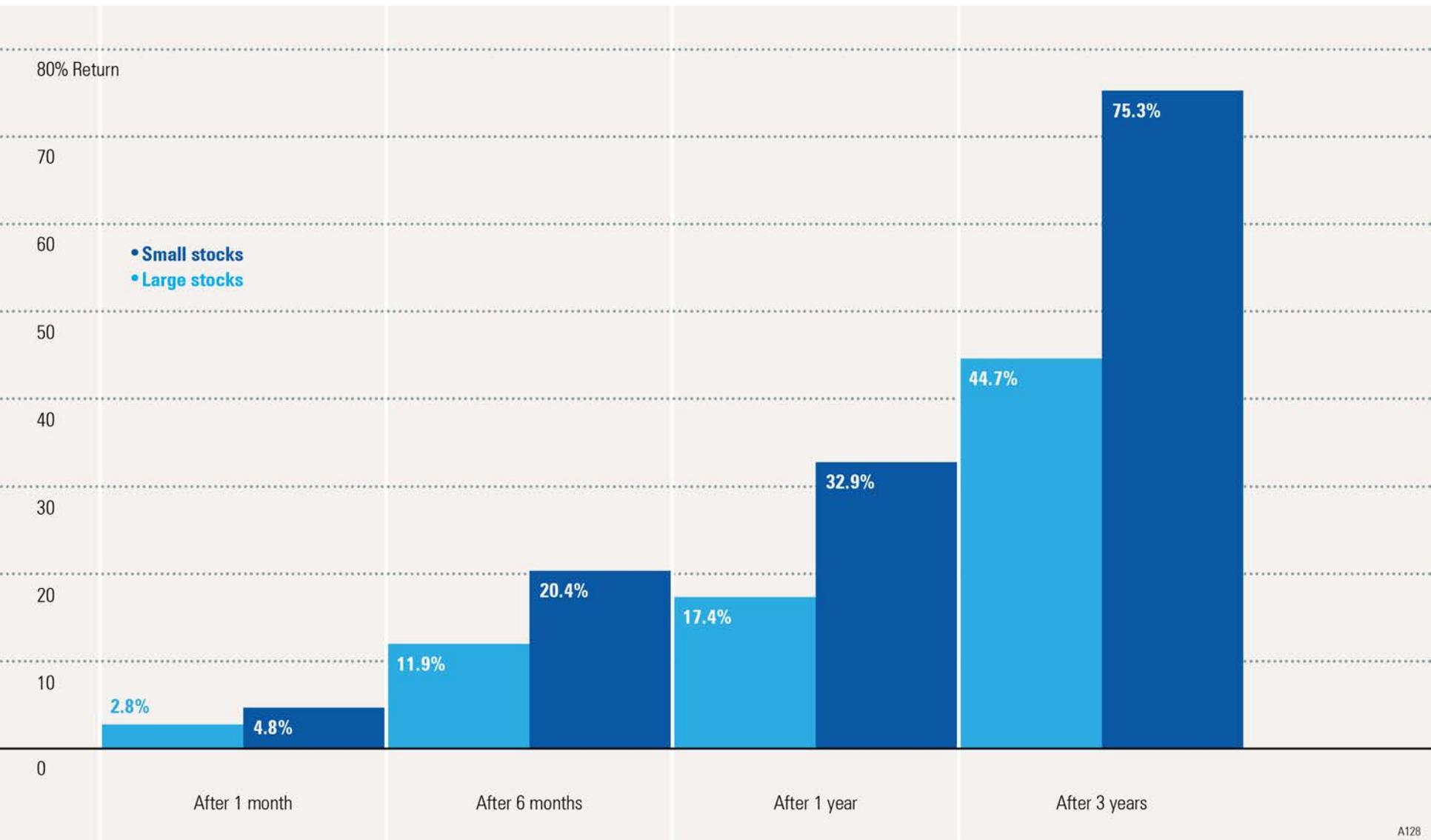
Crises and Long-Term Performance

Market declines in historical context, Jan. 1970–Dec. 2016



Past performance is no guarantee of future results. This is for illustrative purposes only and not indicative of any investment. An investment cannot be made directly in an index. Four market crises defined as a drop of 25% or more in the Ibbotson® Large Company Stock Index. © Morningstar. All Rights Reserved.

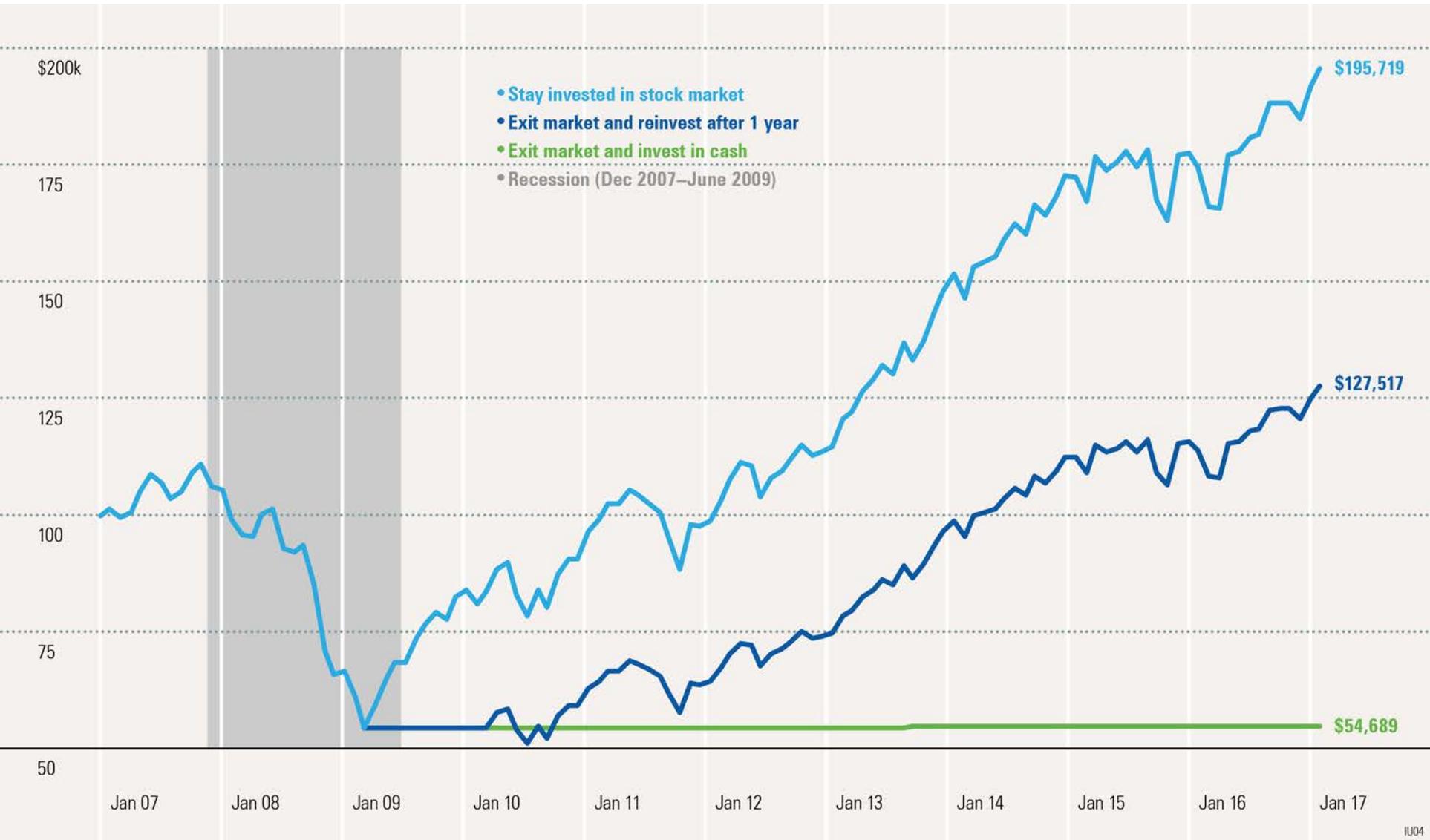
Stock Performance After Recessions 1953–2016



Past performance is no guarantee of future results. Cumulative returns of large and small stocks after recessions 1953–2016. This is for illustrative purposes only and not indicative of any investment. An investment cannot be made directly in an index. © Morningstar. All Rights Reserved.

The Importance of Staying Invested

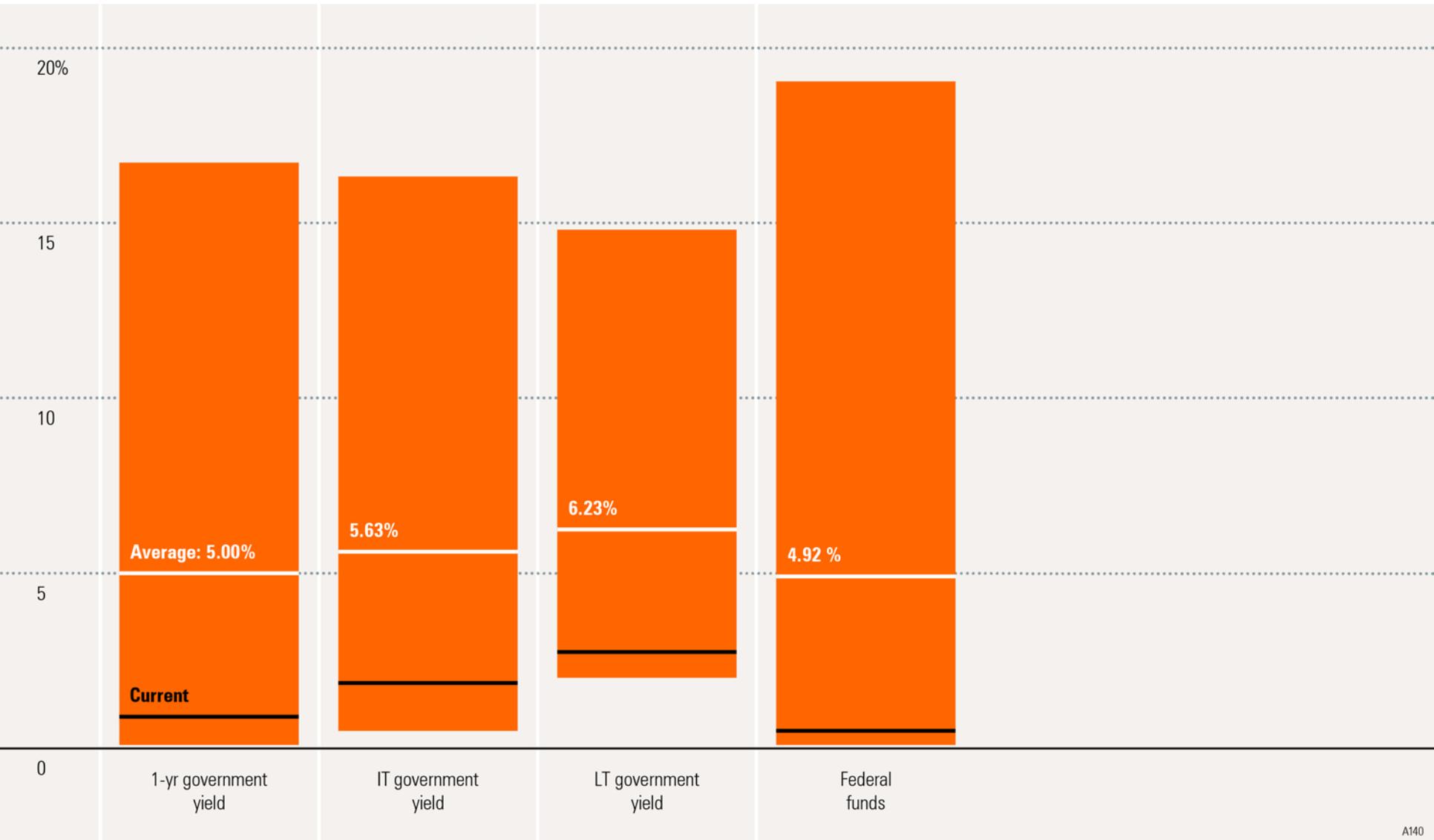
Ending wealth values after a market decline



Past performance is no guarantee of future results. This is for illustrative purposes only and not indicative of any investment. An investment cannot be made directly in an index. © Morningstar. All Rights Reserved.

History of Interest Rates

July 1954–December 2016



Past performance is no guarantee of future results. Each bar shows the range of yield for each bond over the time period July 1954 to December 2015. This is for illustrative purposes only and not indicative of any investment. An investment cannot be made directly in an index. © Morningstar. All Rights Reserved.

Bond Yields During Recessions

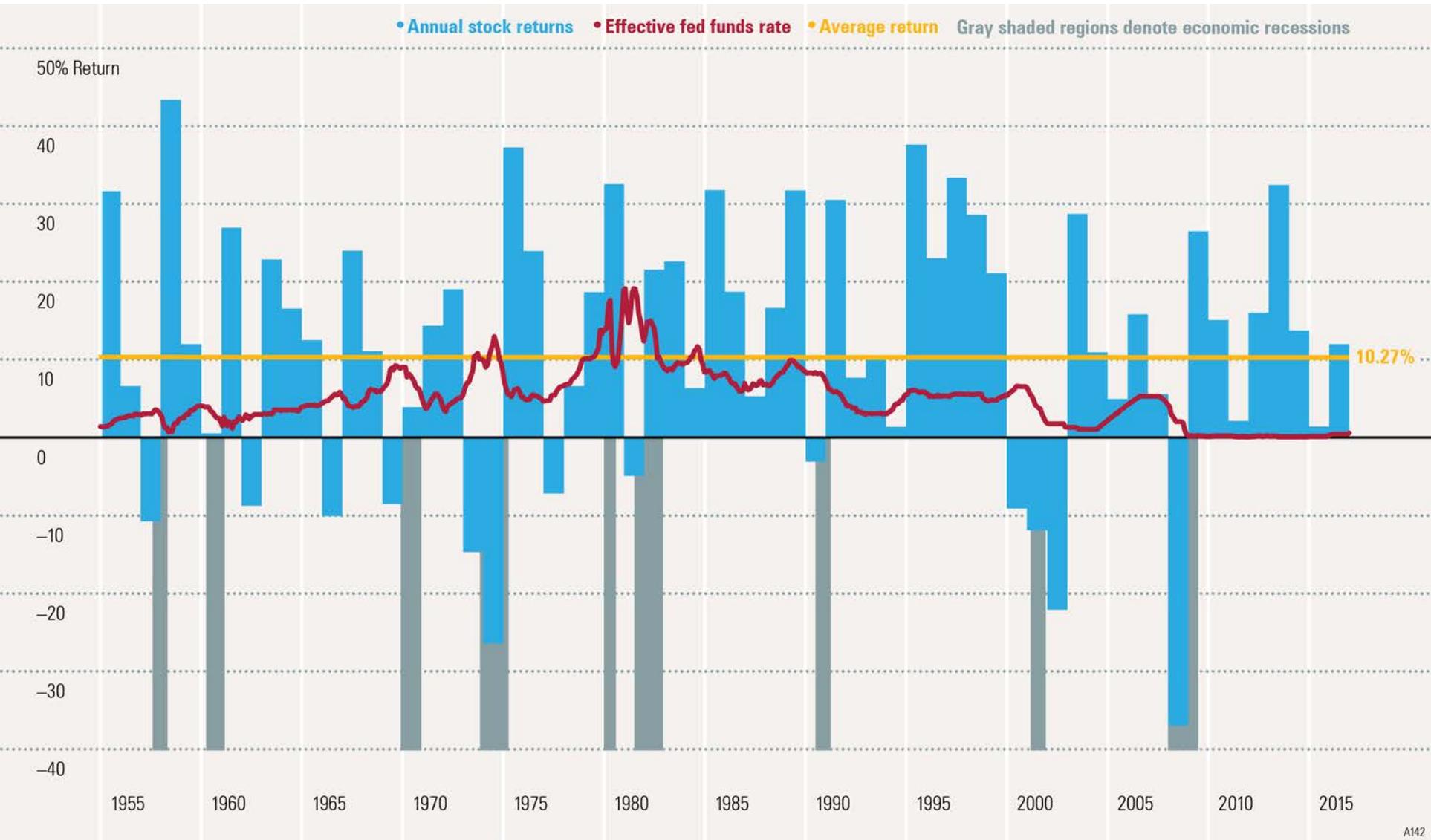
1946–2016



Past performance is no guarantee of future results. This is for illustrative purposes only and not indicative of any investment. An investment cannot be made directly in an index. © Morningstar. All Rights Reserved.

Stock Returns and Monetary Policy

Annual returns, 1955–2016



Past performance is no guarantee of future results. This is for illustrative purposes only and not indicative of any investment. An investment cannot be made directly in an index. © Morningstar. All Rights Reserved.

Correlations of Various Asset Classes with the Market

January 1980–December 2016

	Before recession Jan 1980–Nov 2007	During recession Dec 2007–Jun 2009	Entire period Jan 1980–Dec 2016
Small stocks	0.72	0.95	0.77
International stocks	0.57	0.93	0.67
Commodities	0.08	0.51	0.21
REITs	0.47	0.83	0.56
Gold	0.05	-0.06	0.04
Long-term corp bonds	0.23	0.34	0.19
Long-term govt bonds	0.18	0.03	0.05
Intermediate-term govt bonds	0.12	-0.32	0.04
Treasury bills	0.00	-0.11	0.02

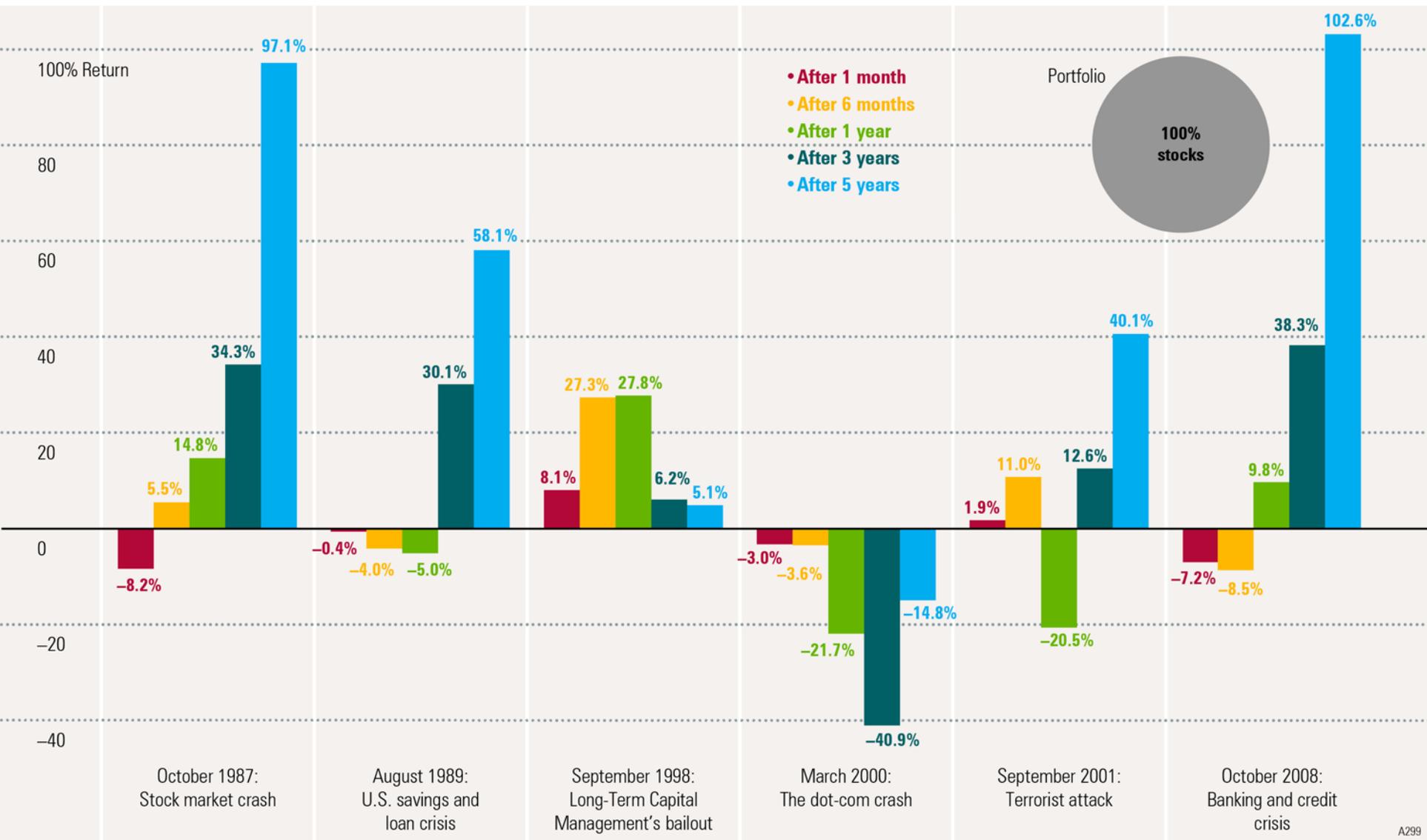
• Low • Medium • High

Past performance is no guarantee of future results. This is for illustrative purposes only and not indicative of any investment. An investment cannot be made directly in an index. © Morningstar. All Rights Reserved.



U.S. Market Recovery After Financial Crises

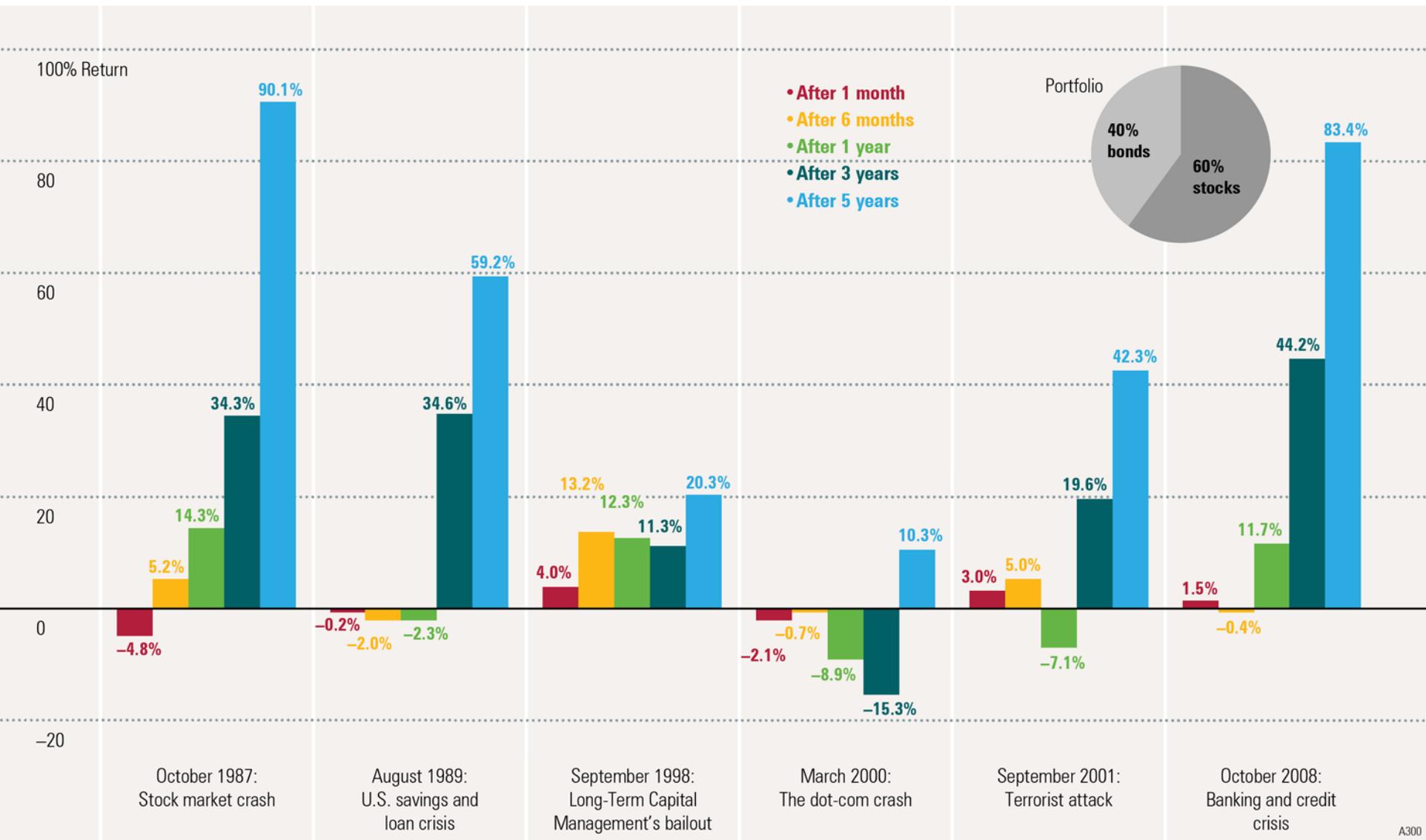
Cumulative return of all-stock portfolio after various events



Past performance is no guarantee of future results. Returns reflect the percentage change in the index level from the end of the month in which the event occurred to one month, six months, one year, three years and five years after. This is for illustrative purposes only and not indicative of any investment. An investment cannot be made directly in an index. © Morningstar. All Rights Reserved.

U.S. Market Recovery After Financial Crises

Cumulative return of balanced portfolio after various events



Past performance is no guarantee of future results. Returns reflect the percentage change in the index level from the end of the month in which the event occurred to one month, six months, one year, three years and five years after. This is for illustrative purposes only and not indicative of any investment. An investment cannot be made directly in an index. © Morningstar. All Rights Reserved.