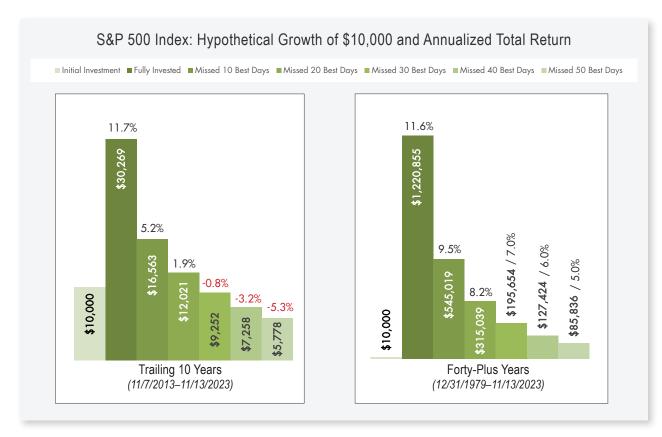
## Don't Let Fear Sink Your Long-Term Returns



Uncertainty and volatility have reigned as markets grapple with inflation, rising interest rates, and numerous geopolitical issues. With emotions running high, many investors tend to sell at or near the lows seeking to avoid additional losses. However, quite often, the best days occur on the heels of the worst (see reverse) and investors may miss the opportunity to participate in any potential market rebound.

The graphs below show the hypothetical growth of a \$10,000 investment in the S&P 500 Index for the full time period as well as if the best 10, 20, 30, 40 and 50 days were missed. Missing each of the best days while participating in all of the worst over any period of time is extremely unlikely, however this analysis illustrates how significant the potential negative impact could be should an investor move to the sidelines every time fear and uncertainty increase market volatility.



Missing the best days can have a significant impact on long-term returns because it's not just the one, ten, or fifty days' worth of gains that are foregone, it's the missed compounding of those gains.

As illustrated in the graph to the left, over the last 10 years (11/7/2013–11/13/2023), the annualized total return of the S&P 500 Index drops by more than half from 11.68% to 5.16% simply by missing the 10 best days. Miss the 30 best days and the S&P 500 Index actually declined!

Longer-term (12/31/1979–11/13/2023), the S&P 500 Index's annualized total return of 11.57% drops by more than 2% a year when the 10 best days are missed. Miss the best 40 days and your annualized return has dropped by almost half to 5.97%.

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## S&P 500 INDEX: TEN LARGEST DAILY MOVES (1/4/1928 to 11/13/2023)

Bottom Line: Many of the best days occur on the heels of the worst and moving to the sidelines every time fear and uncertainty increase market volatility has the potential to sink your long-term returns.

|   | Date               | Close    | Point<br>Change | % Change | Date                | Close    | Point<br>Change | % Change |
|---|--------------------|----------|-----------------|----------|---------------------|----------|-----------------|----------|
|   | PERCENTAGE DECLINE |          |                 |          | PERCENTAGE INCREASE |          |                 |          |
|   | 10/19/1987         | 224.84   | -57.86          | -20.467  | 3/15/1933           | 6.81     | 0.97            | 16.610   |
|   | 10/28/1929         | 22.74    | -3.20           | -12.336  | 10/30/1929          | 22.99    | 2.56            | 12.531   |
|   | 3/16/2020          | 2,386.13 | -324.89         | -11.984  | 10/6/1931           | 9.91     | 1.09            | 12.358   |
|   | 10/29/1929         | 20.43    | -2.31           | -10.158  | 9/21/1932           | 8.52     | 0.90            | 11.811   |
| *************************************** | 11/6/1929          | 20.61    | -2.27           | -9.921   | 10/13/2008          | 1,003.35 | 104.13          | 11.580   |
| *************************************** | 3/12/2020          | 2,480.64 | -260.74         | -9.511   | 10/28/2008          | 940.51   | 91.59           | 10.789   |
|   | 10/18/1937         | 10.76    | -1.10           | -9.275   | 9/5/1939            | 12.64    | 1.11            | 9.627    |
|   | 10/15/2008         | 907.84   | -90.17          | -9.035   | 4/20/1933           | 7.82     | 0.68            | 9.524    |
| *************************************** | 12/1/2008          | 816.21   | -80.03          | -8.930   | 3/24/2020           | 2,447.33 | 290.93          | 9.383    |
|   | 7/20/1933          | 10.57    | -1.03           | -8.879   | 3/13/2020           | 2,711.02 | 230.38          | 9.287    |
|   |                    |          |                 |          |                     |          |                 |          |

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S&P 500 Index is an unmanaged market capitalization weighted index used to measure 500 companies chosen for market size, liquidity and industry grouping, among other factors. See reverse for additional important information.

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