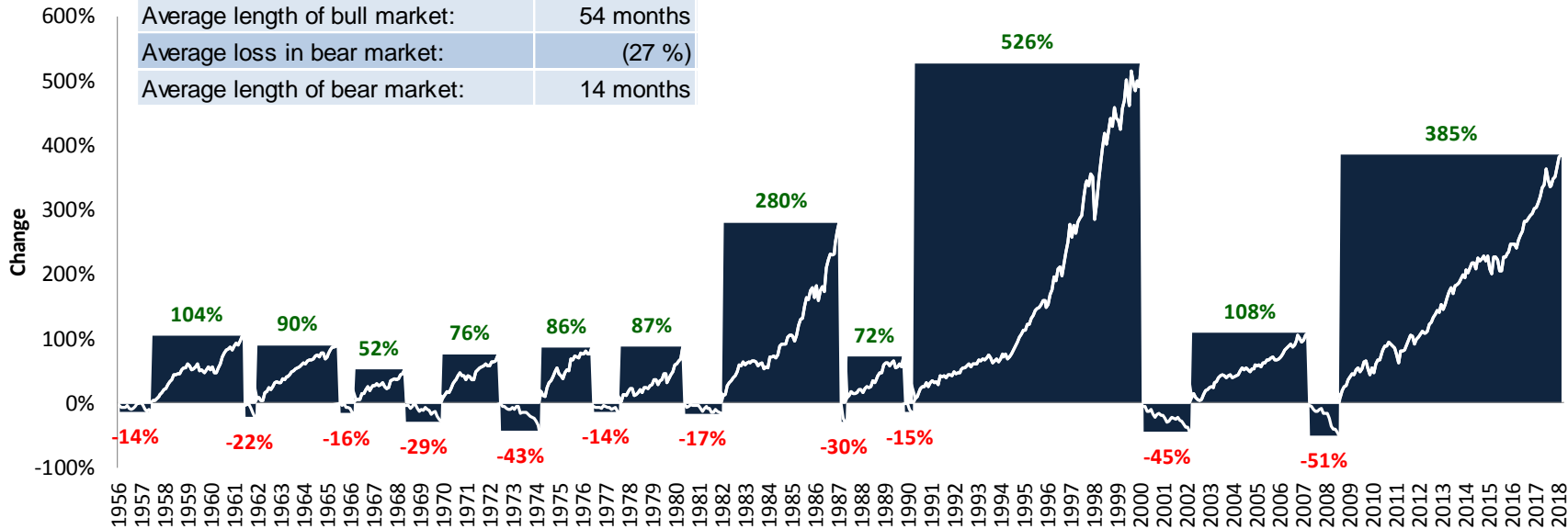


Bull & Bear Markets

S&P 500 Index to October 31, 2018

Bull & Bear Facts

Average gain in bull market:	144%
Average length of bull market:	54 months
Average loss in bear market:	(27 %)
Average length of bear market:	14 months



Source: Bloomberg (Oct 2018)

Bull & Bear Markets: S&P 500

The Risks and Rewards of Investing:

- This chart represents the bull and bear markets in the S&P 500 Total Return since 1956. All bars above the line are bull markets; all bars below are bear markets.
- For the purposes of this illustration, a bull (bear) market is defined as a positive (negative) move greater than 15% that lasts at least 3 months.

Investor Behaviour:

- According to the chart, markets spend more time in positive territory (bull) than negative (bear).
- Bull markets are, on average, longer and more intense, providing a more significant percentage change.
- On average bear markets are more brief, and yet engender fear. It is during these periods that there are significant investment 'bargains' to be found.
- Investor discipline during bear markets is critical.

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