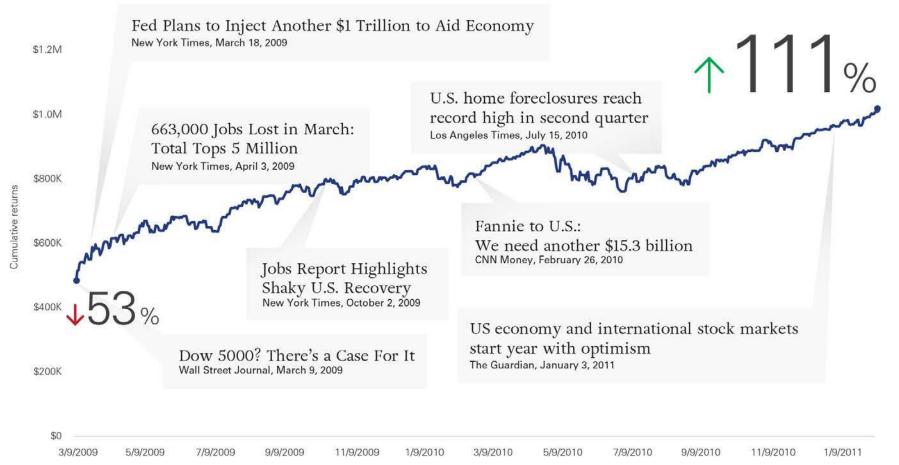
# Landmark Wealth Management



#### Don't rely on headlines for an "all-clear" to invest

### Hypothetical \$1 million investment in Standard & Poor's 500 index at pre-crisis peak, from market bottom in 2009 to breakeven in 2011

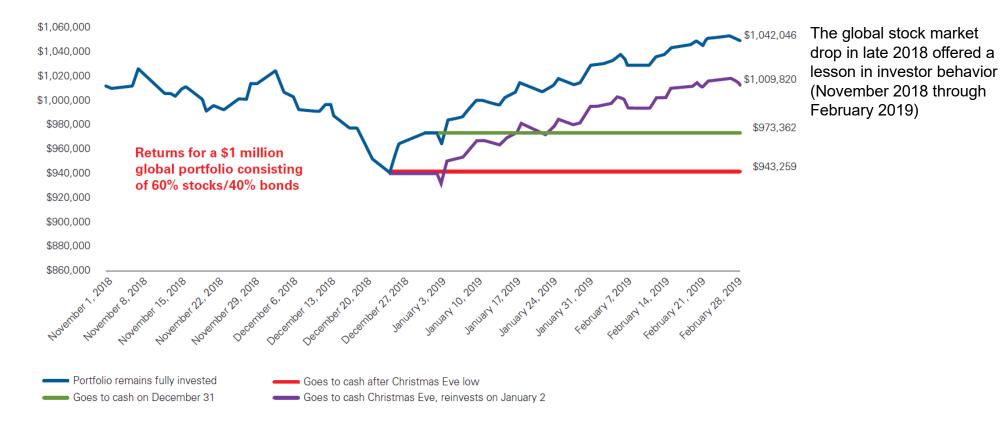


Sources: Vanguard. Andrews, Edmund L., 2009. Fed Plans to Inject Another \$1 Trillion to Aid the Economy. The New York Times (March 18).

Accessed March 24, 2020, at https://www.nytimes.com/2009/03/19/business/economy/19fed.html. Goodman, Peter S., 2009. Jobs Report Highlights Shaky U.S. Recovery. *The New York Times* (October 2). Accessed March 24, 2020, at https://www.nytimes.com/2009/10/03/business/economy/03jobs.html. Goodman, Peter S. and Jack Healy, 2009. 663,000 Jobs Lost in March; Total Tops 5 Million. *The New York Times* (April 3). Accessed March 24, 2020, at https://www.nytimes.com/2009/04/04/business/economy/04jobs.html. Lazo, Alejandro, 2010. U.S. home foreclosures reach record high in second quarter. *Los Angeles Times* (July 15). Accessed March 24, 2020, at https://www.latimes.com/archives/la-xpm-2010-jul-15-la-fiforeclosures- 20100715-story.html. Lobb, Annelena, 2009. Dow 5,000? There's a Case for It. *The Wall Street Journal* (March 9). Accessed March 24, 2020, at https://www.wsj.com/articles/SB123654810850564723. Luhby, Tami, 2010. Fannie to U.S.: We need another \$15.3 billion. *CNN Money* (February 26,). Accessed March 24, 2020, at https://money.cnn.com/2010/02/26/news/companies/Fannie\_mae\_results. Milmo, Dan, 2011. US economy and international stock markets start year with optimism. *The Guardian* (January 3). Accessed March 24, 2020, at https://www.theguardian.com/business/2011/jan/04/us-economy-buoys-international-markets.

Past performance is not a guarantee of future returns. The performance of an index is not an exact representation of any particular investment, as you cannot directly invest in an index.

#### And recent history tells the same stay-the-course tale



Staying the course can pay off; abandoning course can be costly

Sources: Vanguard calculations, based on data from FactSet, as of February 28, 2019.

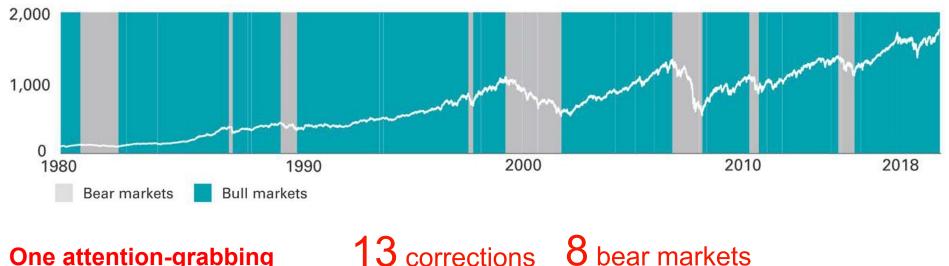
Notes: U.S. stocks represented by CRSP US Total Market Index. U.S. bonds represented by Bloomberg Barclays U.S. Aggregate Float Adjusted Index. Global stocks represented by FTSE Global All Cap ex US Index. Global bonds represented by Bloomberg Barclays Aggregate ex-USD Float Adjusted RIC Capped Index.

Past performance is not a guarantee of future returns. The performance of an index is not an exact representation of any particular investment, as you cannot directly invest in an index.

Downturns aren't rare events: Typical investors, in all markets, will endure many of them during their lifetime

**Global stock prices** 

January 1, 1980, to December 31, 2019



## One attention-grabbing downturn every two years

**1 3** corrections Decline of 10% or more

Decline of 20% or more, at least two months long

Sources: Vanguard analysis based on the MSCI World Index from January 1, 1980, through December 31, 1987, and the MSCI AC World Index thereafter. Both indexes are denominated in U.S. dollars. Our count of corrections excludes those that turn into a bearmarket. We count corrections that occur after a bear market has recovered from its trough even if stock prices haven't yet reached their previous peak. Past performance is not a guarantee of future returns. The performance of an index is not an exact representation of any particular investment, as you cannot directly invest in an index.

#### More consistency through balance

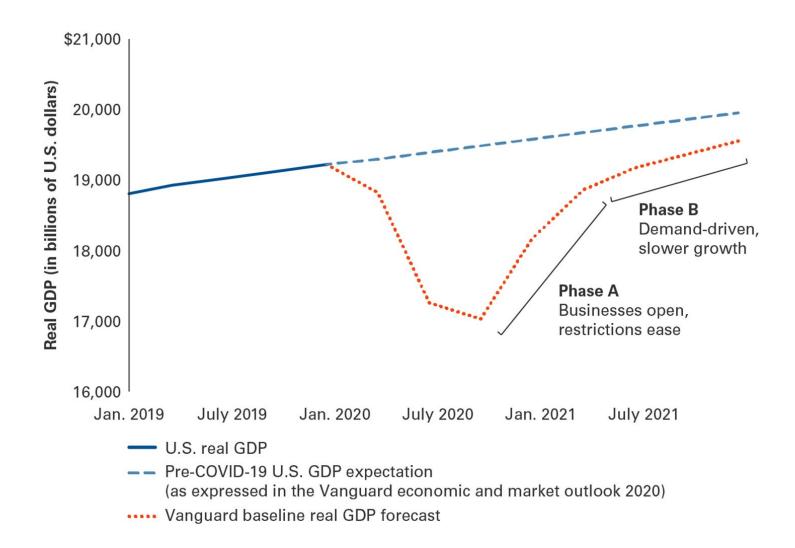
Annual returns	by asset class.	from the highest to	o the lowest, 1997-2019
			· <b>,</b>

'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	Avg.
U.S. equities 31.29%	U.S. equities 23.43%	EM equities 60.88%	Comm. 31.84%	REITs 12.65%	Comm. 25.91%	EM equities 58.81%	REITs 30.85%	EM equities 32.85%	REITs 35.22%	EM equities 39.39%	U.S. bonds 5.24%	EM equities 78.51%	REITs 28.48%	REITs 8.69%	EM equities 18.22%	U.S. equities 33.51%	REITs 30.38%	REITs 2.52%	U.S. equities 12.68%	EM equities 31.06%	Cash 1.86%	U.S. equities 30.84%	REITs 9.37%
REITs 31.29%	60/40 16.22%	Global stocks 29.27%	REITs 26.38%	U.S. bonds 8.44%	Global bonds 16.53%	Global stocks 40.41%	EM equities 26.68%	Comm. 21.36%	EM equities 29.93%	Comm. 16.23%	Global bonds 4.79%	Global stocks 40.44%	EM equities 18.88%	U.S. bonds 7.92%	REITs 17.77%	Global stocks 15.76%	U.S. equities 12.58%	U.S. bonds 0.44%	EM equities 11.77%	Global stocks 27.41%	U.S. bonds –0.08%	REITs 25.84%	U.S. equities 8.77%
60/40 14.17%	Global stocks 15.43%	Comm. 24.35%	U.S. bonds 11.63%	Cash 4.09%	U.S. bonds 10.26%	REITs 35.92%	Global stocks 20.93%	Global stocks 15.78%	Global stocks 26.93%	Global stocks 15.85%	Cash 1.80%	REITs 29.15%	U.S. equities 17.28%	Global bonds 5.51%	Global stocks 17.04%	60/40 15.02%	U.S. bonds 5.85%	U.S. equities 0.40%	Comm. 11.40%	U.S. equities 21.19%	Global bonds –1.58%	Global stocks 21.80%	60/40 6.91%
U.S. bonds 9.65%	Global bonds 13.71%	U.S. equities 23.56%	Cash 5.96%	Global bonds 1.57%	REITs 3.61%	U.S. equities 31`.64%	U.S. equities 12.62%	REITs 11.96%	U.S. equities 15.72%	Global bonds 9.48%	60/40 -22.22%	U.S. equities 28.76%	Comm. 16.83%	U.S. equities 1.08%	U.S. equities 16.44%	REITs 2.47%	60/40 5.42%	Cash 0.03%	REITs 8.60%	60/40 16.16%	REITs -4.57%	EM equities 20.40%	EM equities 6.30%
Cash 5.24%	U.S. bonds 8.69%	60/40 14.66%	Global bonds 3.18%	EM equities –2.80%	Cash 1.70%	Comm. 23.93%	60/40 11.90%	60/40 6.12%	60/40 14.13%	60/40 8.91%	Comm. –35.65%	60/40 22.55%	60/40 11.18%	Cash 0.08%	60/40 11.77%	Cash 0.05%	EM equities 1.24%	60/40 -1.18%	60/40 6.72%	Global bonds 7.84%	U.S. equities –5.17%	60/40 19.68%	U.S. bonds 5.13%
Global bonds 3.79%	Cash 5.05%	Cash 4.74%	60/40 -4.07%	60/40 -6.14%	60/40 -6.33%	60/40 23.74%	Global bonds 9.27%	U.S. equities 6.08%	Global bonds 6.64%	U.S. bonds 6.97%	U.S. equities –37.04%	Comm. 18.91%	Global stocks 10.69%	60/40 -0.17%	Global bonds 4.59%	U.S. bonds –1.97%	Global bonds 0.56%	Global bonds –3.51%	Global stocks 4.73%	REITs 5.07%	60/40 -5.58%	U.S. bonds 8.87%	Global stocks 5.02%
Global stocks –1.07%	REITs -16.50%	U.S. bonds –0.82%	U.S. equities –10.89%	U.S. equities –10.97%	EM equities –7.04%	Global bonds 12.51%	Comm. 9.15%	Cash 3.00%	Cash 4.76%	U.S. equities 5.59%	REITs -37.17%	Global bonds 6.93%	U.S. bonds 6.58%	Comm. –13.32%	U.S. bonds 4.32%	Global bonds –2.27%	Cash 0.03%	Global stocks –4.29%	U.S. bonds 2.75%	U.S. bonds 3.63%	Comm. –12.99%	Global bonds 7.19%	Global bonds 4.36%
Comm. –3.39%	EM equities –18.39%	REITs -4.43%	Global stocks –15.76%	Comm. –19.51%	Global stocks –15.29%	U.S. bonds 4.10%	U.S. bonds 4.34%	U.S. bonds 2.43%	U.S. bonds 4.33%	Cash 4.74%	Global stocks –45.52%	U.S. bonds 5.93%	Global bonds 4.57%	Global stocks –14.31%	Cash 0.07%	EM equities -4.28%	Global stocks –3.39%	EM equities –15.40%	Global bonds 2.14%	Cash 0.84%	Global stocks –14.61%	Comm. 5.44%	Cash 2.12%
EM equities –16.36%	Comm. -27.03%	Global bonds –5.17%	EM equities –27.94%	Global stocks –19.77%	U.S. equities –20.86%	Cash 1.07%	Cash 1.24%	Global bonds -4.49%	Comm. 2.07%	REITs -16.40%	EM equities –53.33%	Cash 0.16%	Cash 0.13%	EM equities –18.42%	Comm. –1.06%	Comm. –9.52%	Comm. -17.02%	Comm. –24.70%	Cash 0.27%	Comm. 0.75%	EM equities –14.76%	Cash 2.25%	Comm. 0.08%
■ U.S	S. equ ITs	ities					% bon s equi			ash inv S. bor		ents			al sto modit			Global	bonds	6			

Past performance is no guarantee of future returns. The performance of an index is not an exact representation of any particular investment, as you cannot invest directly in an index. Source: Vanguard, as of December 31, 2019.

Note: Cash is represented by the FTSE 3-Month U.S. Treasury Bill Index. REITs are represented by the MSCI US REIT Index adjusted to include a 2% cash position (Lipper Money Market Average) through April 30, 2009, and MSCI US REIT Index through June 2, 2013; and CRSP US Total Market Index through MSCI US REIT Index through June 2, 2013; and CRSP US Total Market Index through June 2, 2013; FTSE Emerging Markets Index through August 23, 2006; MSCI Emerging Markets Index through June 27, 2013; FTSE Emerging Transition Index through August 23, 2006; MSCI Emerging Markets Index through November 1, 2015; FTSE Emerging Markets All Cap China A Transition Index through September 18, 2016; and FTSE Emerging Markets All Cap China A Inclusion Index threafter. U.S. fixed income represented by Bloomberg Barclays U.S. Aggregate Bond Index through December 31, 2009, and Bloomberg Barclays U.S. Aggregate End Adjusted Index through August 31, 2006; MSCI EAFE + Emerging Markets Index through December 15, 2010; MSCI ACWI ex USA IMI Index through June 2, 2013; and FTSE Global All Cap ex US Index threafter. Commodities are represented by the Bloomberg Commodity Index. Composite 60/40 portfolio's equity allocation consists of 60% U.S.-domiciled stocks and 40% non-U.S. domiciled stocks; bond allocation consists of 70% U.S.-domiciled bonds.

#### A recovery in phases



#### Global scenario estimates

	Scenario 1	<b>Scenario 2</b> (Base case)	Scenario 3	Scenario 4
	Minimal outside China	Shelter-in-place and social- distancing measures lifted by June	Shelter-in-place and social- distancing measures lifted by September	Shelter-in-place and social- distancing measures continue through 2020
Probability	0%	60%	30%	10%
Export demand shock	•	•	•	•
Supply chain disruptior	ו 🔴	•	•	•
Financial markets	•	•	•	•
Face-to-face sectors	٠	•	•	•
Factory shutdowns	٠	•	•	•
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In Vanguard's base case, our 2020 growth estimate for the world is -2%.

#### Important information

All investing is subject to risk, including the possible loss of the money you invest.

Diversification does not ensure a profit or protect against a loss.

Please remember that all investments involve some risk. Be aware that fluctuations in the financial markets and other factors may cause declines in the value of your account. There is no guarantee that any particular asset allocation or mix of funds will meet your investment objectives or provide you with a given level of income.

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Stocks or bonds of companies based in emerging markets are subject to national and regional political and economic risks and to the risk of currency fluctuations. These risks are especially high in emerging markets.

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