# Chart Collection for Morning Briefing

Yardeni Research, Inc.

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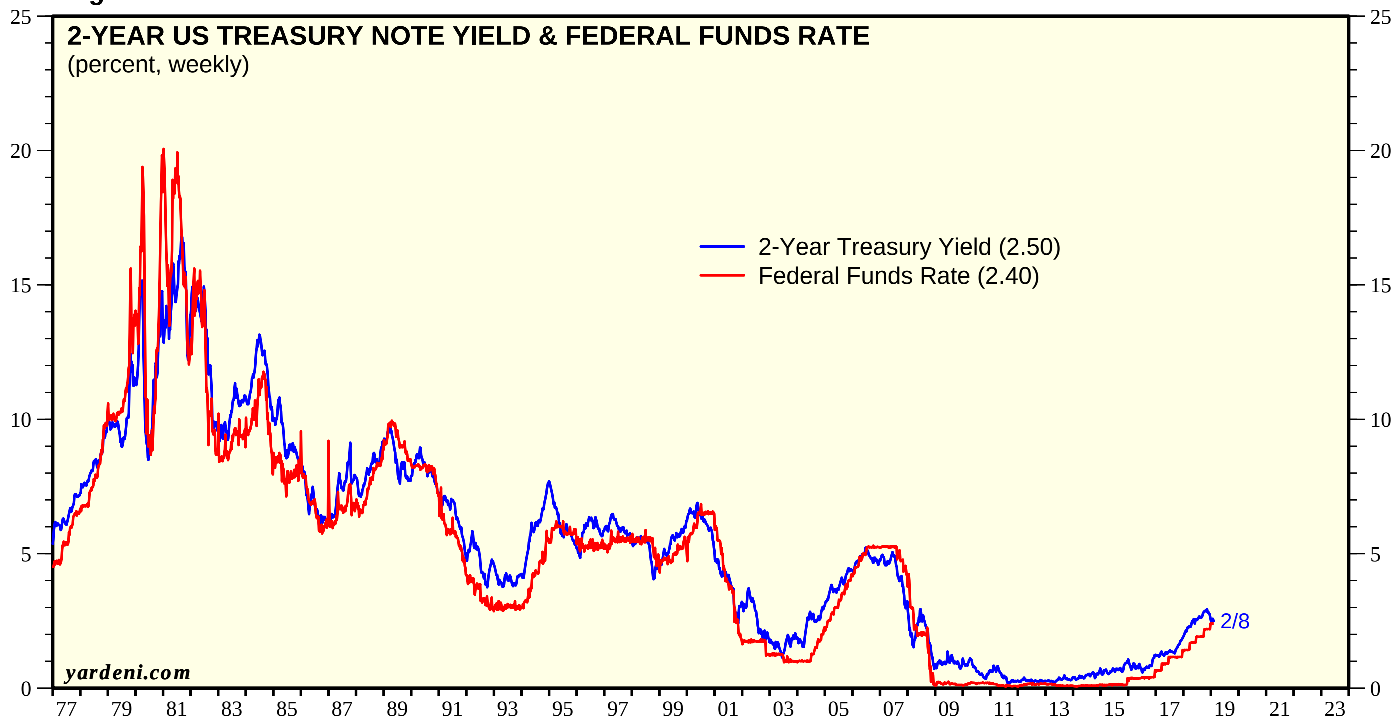
**Dr. Edward Yardeni**
516-972-7683
eyardeni@yardeni.com

**Mali Quintana**
480-664-1333
aquintana@yardeni.com

Please visit our sites at
www.yardeni.com
blog.yardeni.com

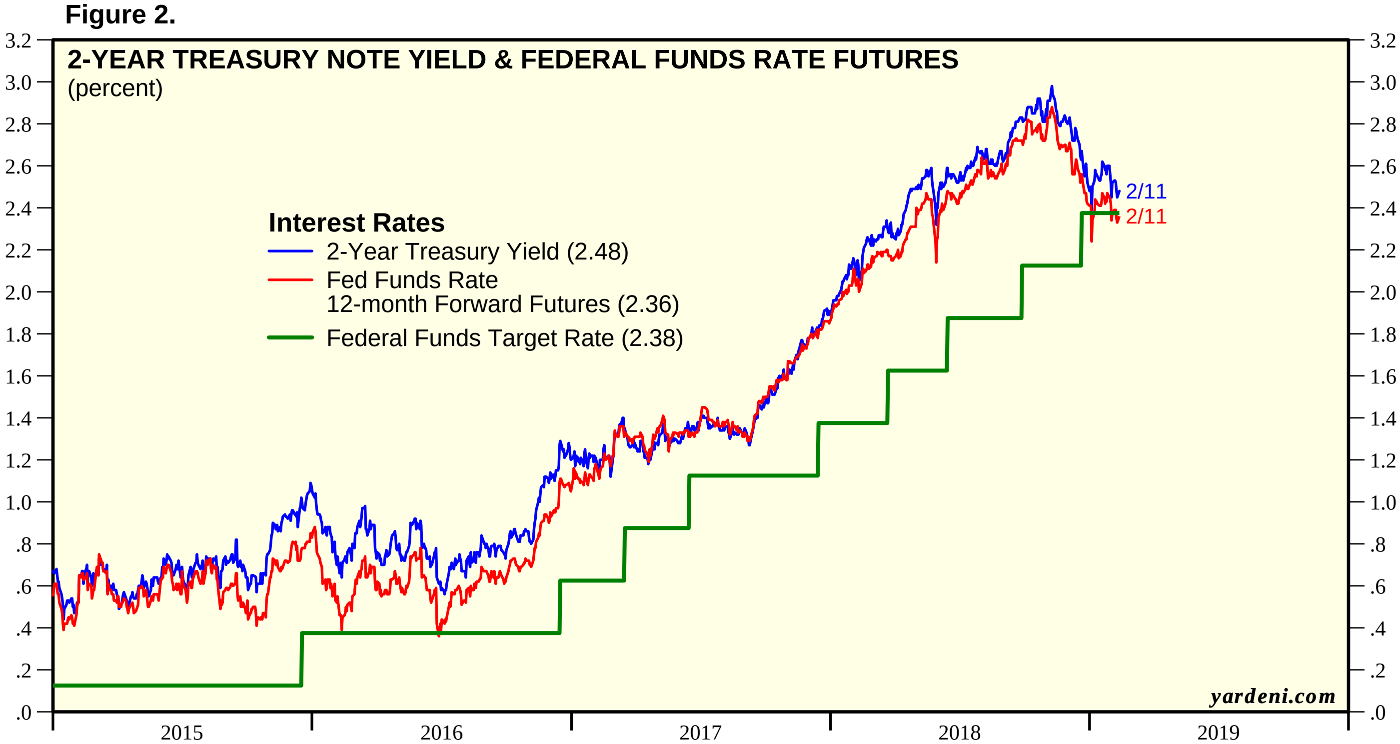
*thinking outside the box*

Figure 1.



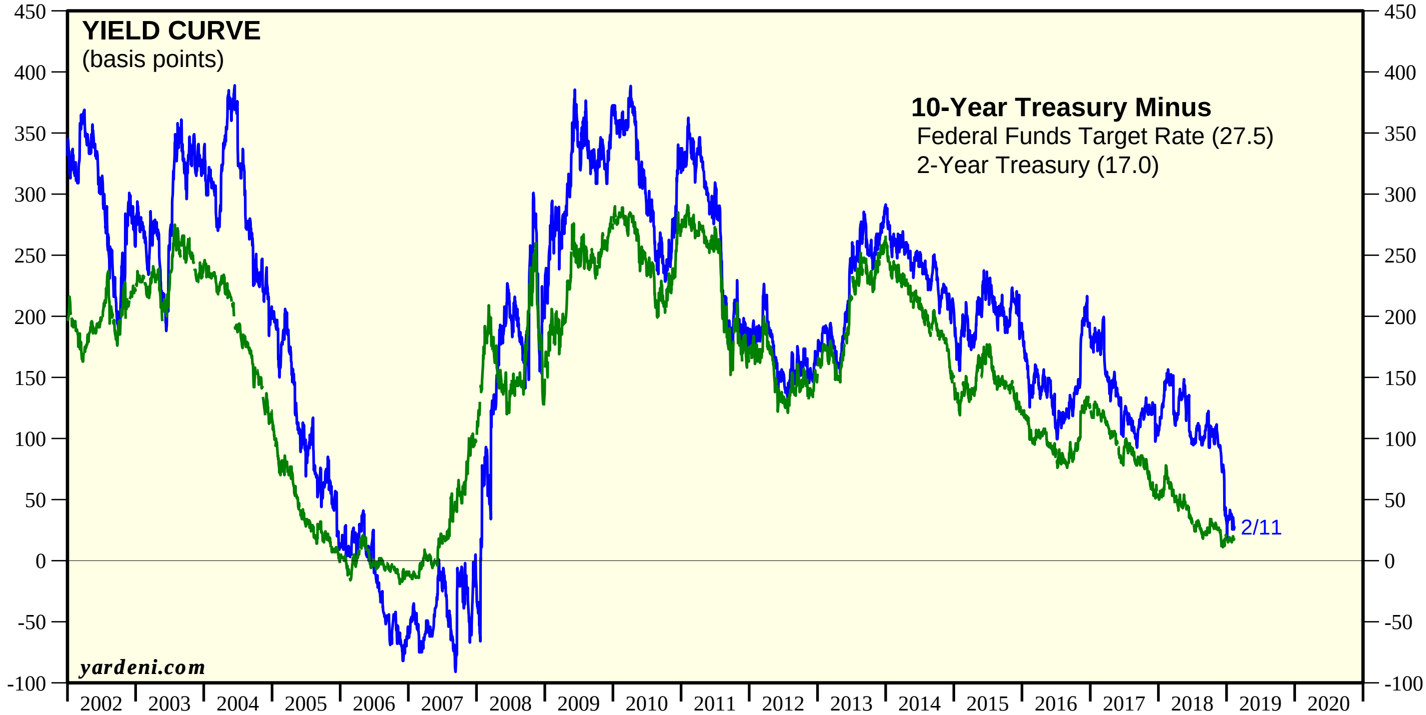

Source: Federal Reserve Board.

Figure 2.



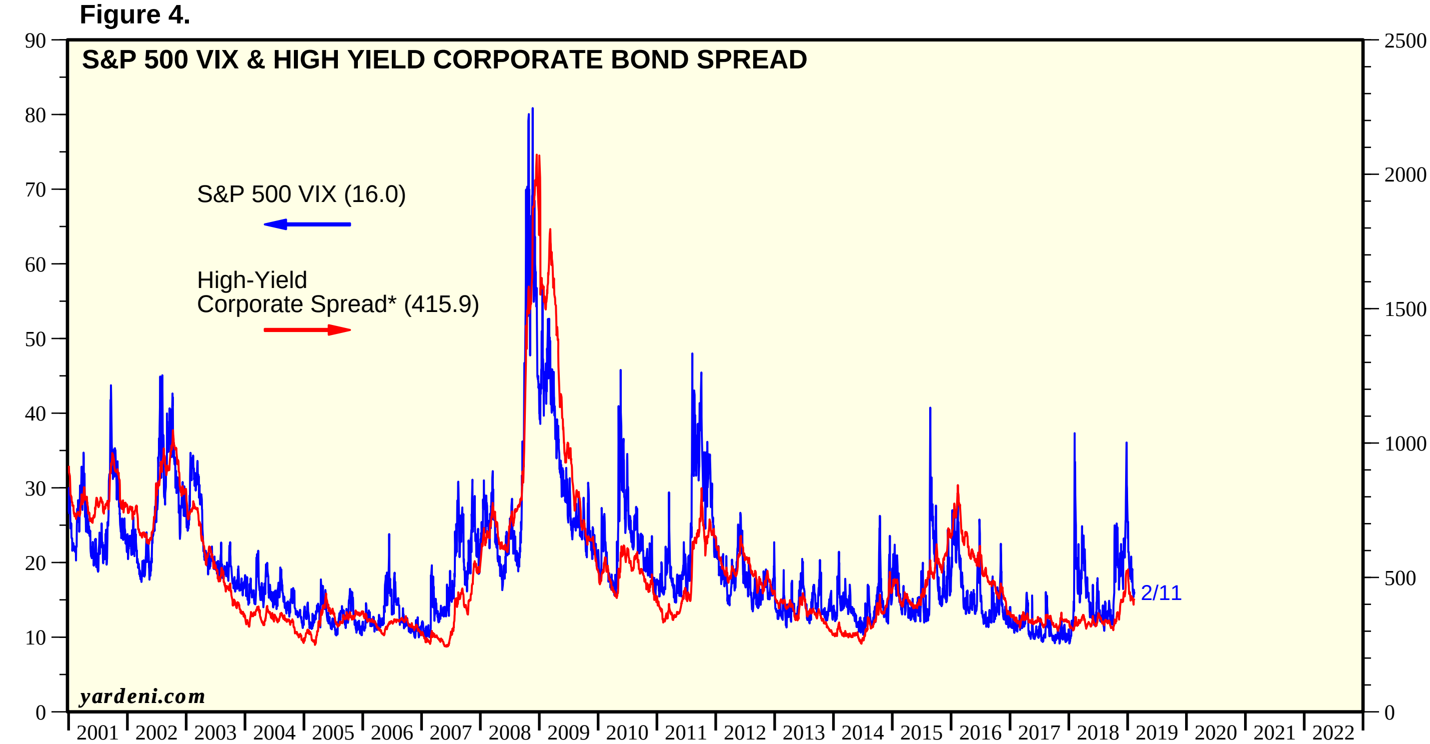

Source: US Treasury & Chicago Mercantile Exchange.

Figure 3.



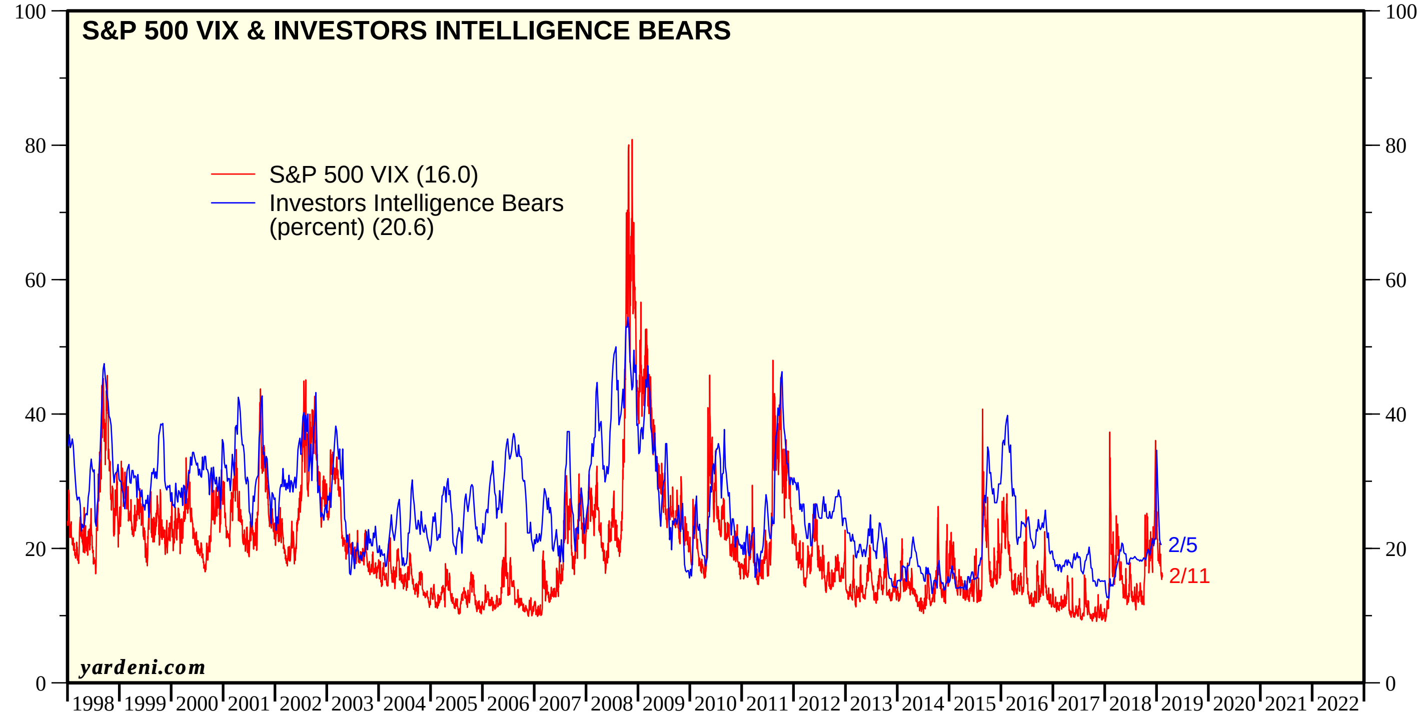

Source: Federal Reserve Board.

Figure 4.




* US high-yield corporate bond yield less 10-year Treasury bond yield (basis points).
Source: Chicago Board Options Exchange, Bank of America Merill Lynch, and Federal Reserve Board.

**Figure 5.**

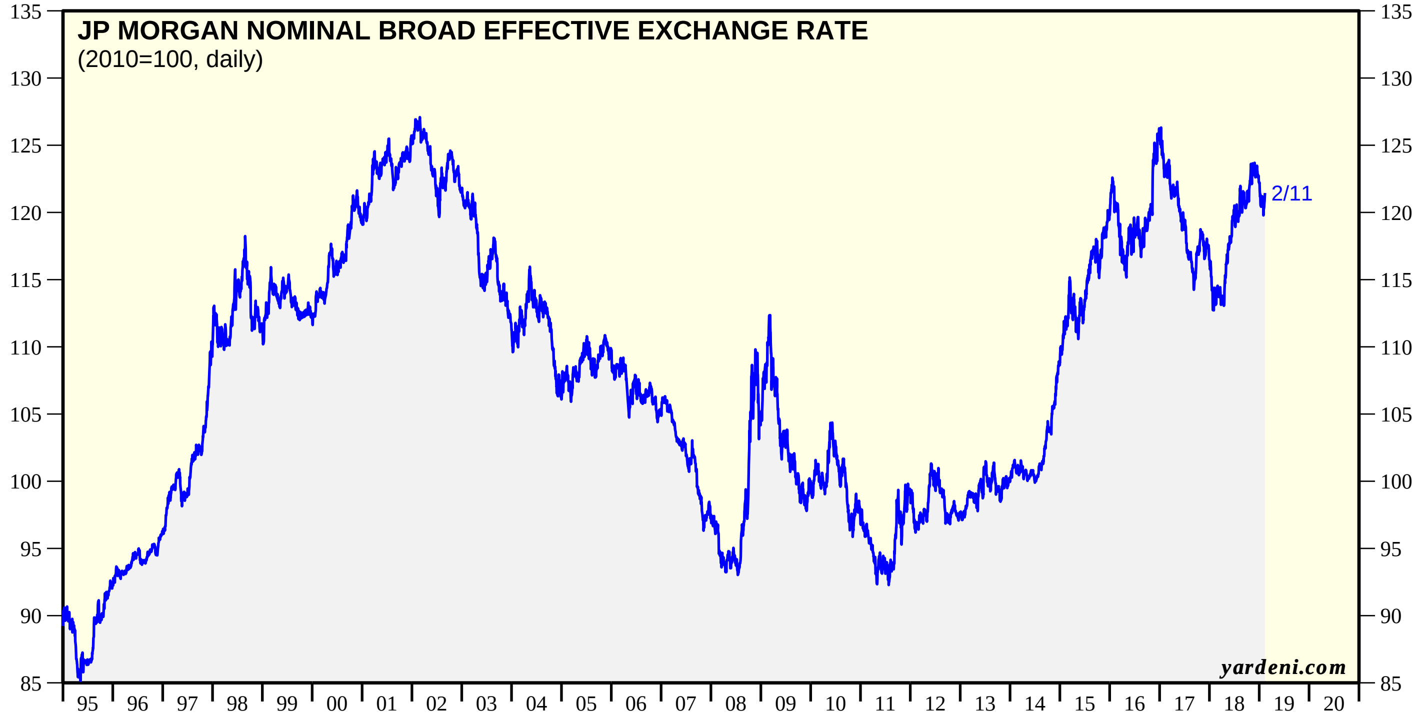



Source: Investors Intelligence and Chicago Board Options Exchange.

**Figure 6.**

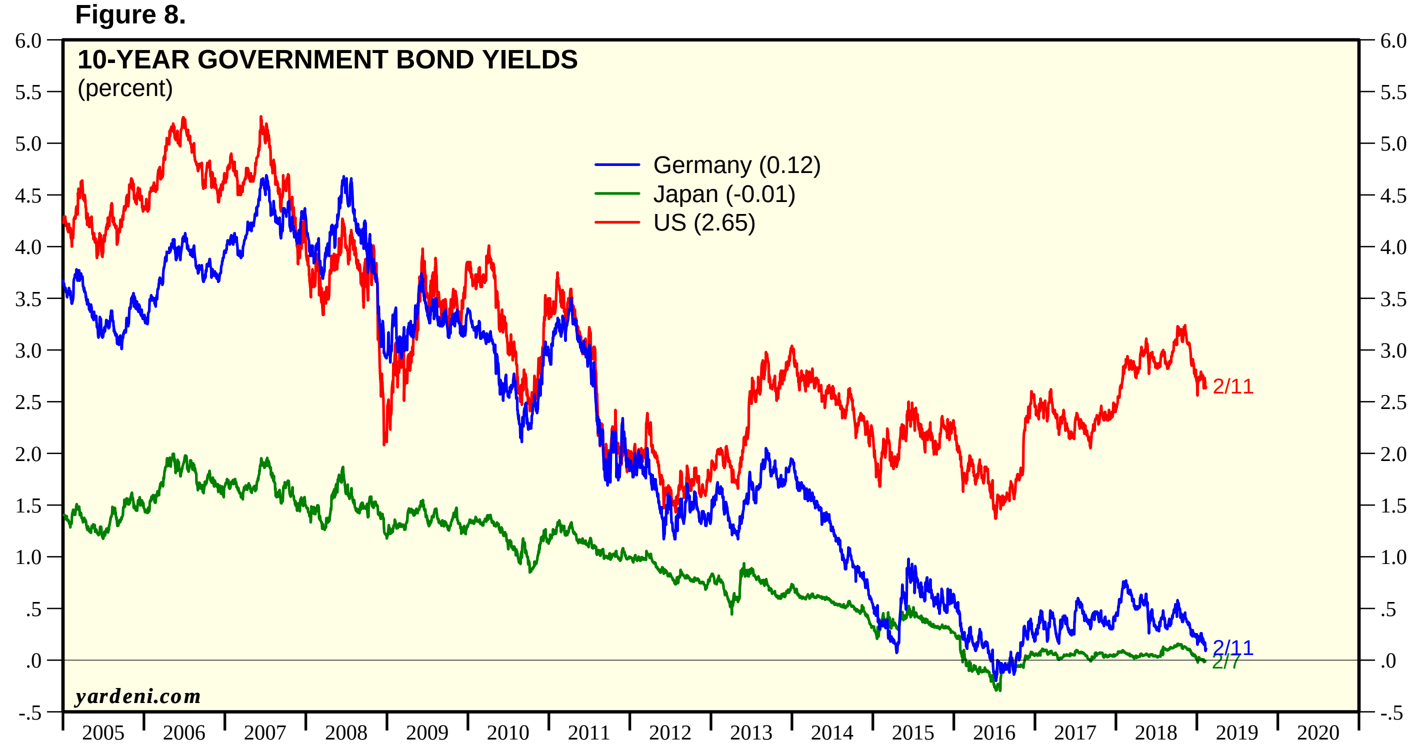

Note: Dotted lines show previous years' closing prices.
Source: Standard & Poor's.

**Figure 7.**



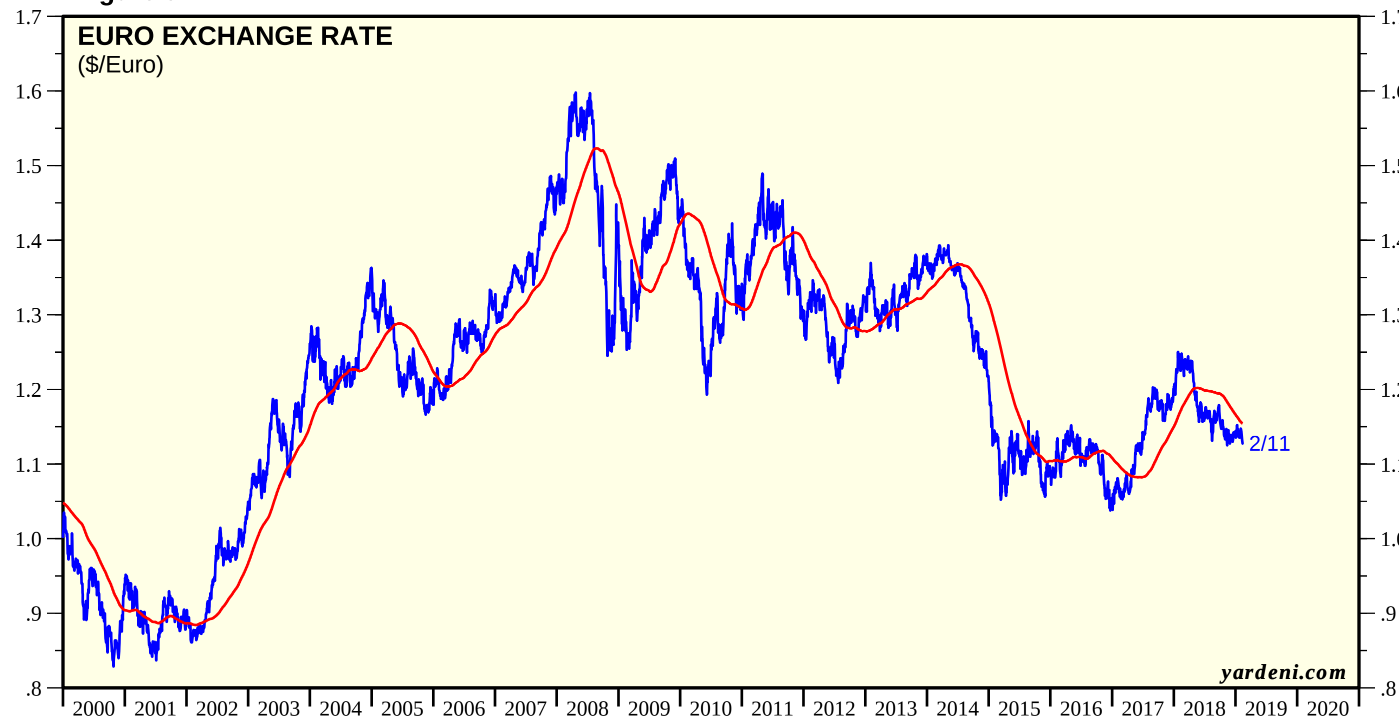

* Argentina, Australia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Ecuador, Egypt, France, Germany, Hong Kong, Hungary, Japan, India, Indonesia, Israel, Italy, Korea, Kuwait, Malaysia, Mexico, Morocco, New Zealand, Nigeria, Norway, Pakistan, Panama, Peru, Philippines, Poland, Romania, Russia Saudi Arabia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Kingdom, Ukraine, Uruguay, Venezuela, Vietnam, and United States.
Source: JP Morgan.

**Figure 8.**



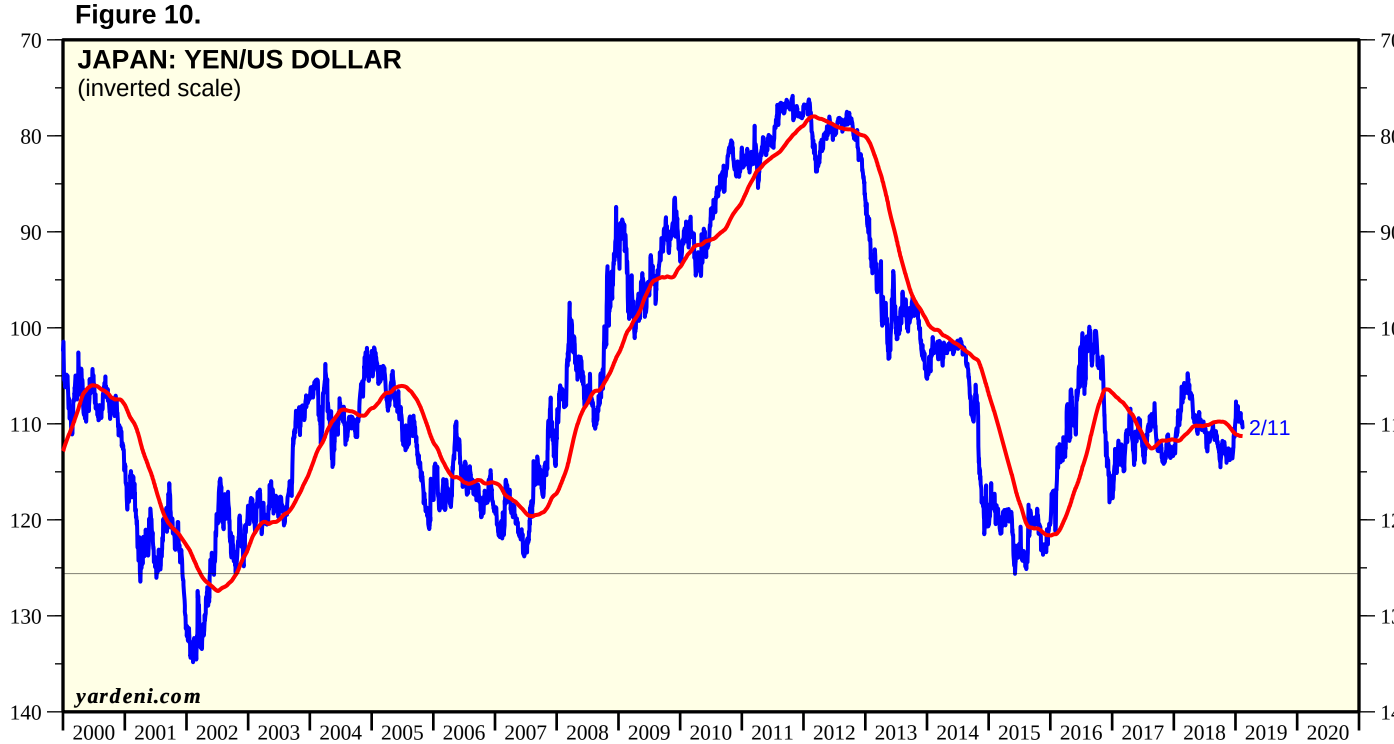

Source: Haver Analytics.

**Figure 9.**




200-day moving average.
Source: Morgan Stanley Capital International.

**Figure 10.**




200-day moving average.
Source: Bank of Japan.



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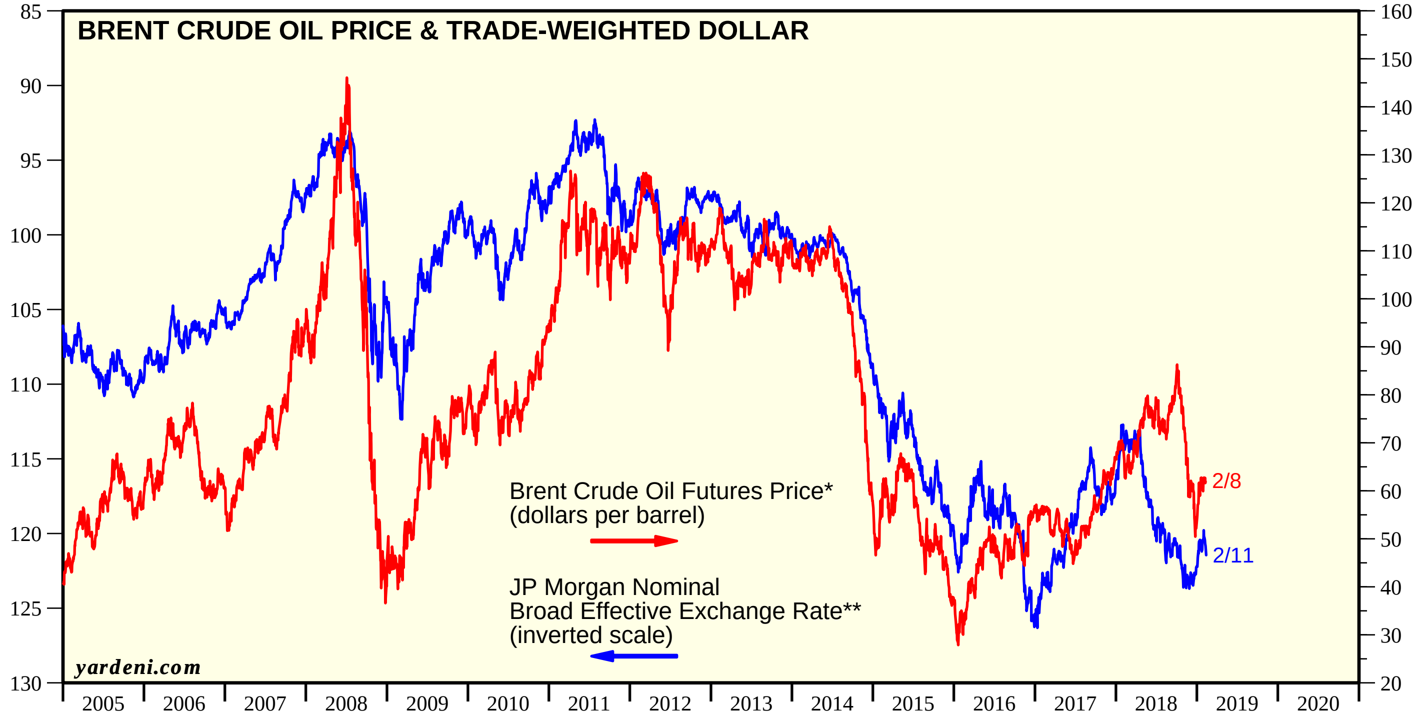
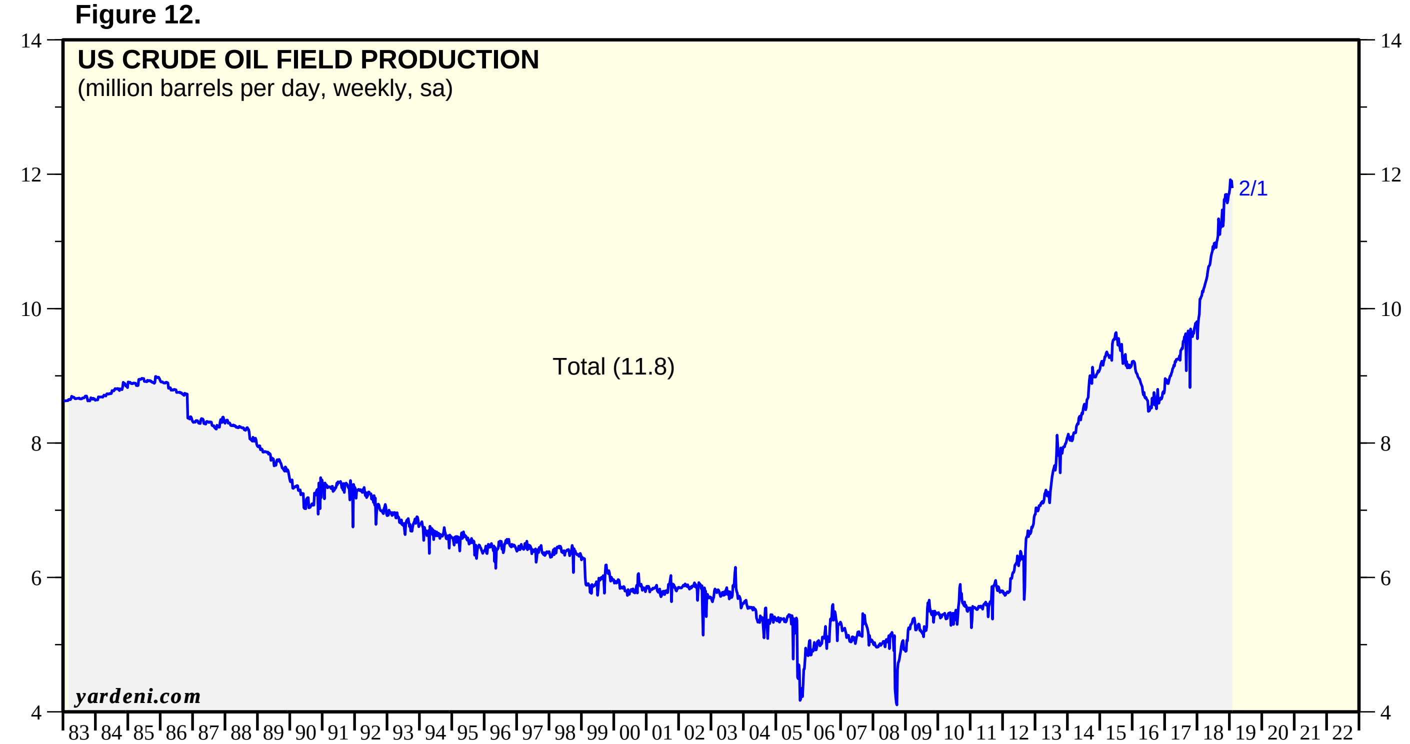
Figure 11.




* Nearby futures price.
** Argentina, Australia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Ecuador, Egypt, France, Germany, Hong Kong, Hungary, Japan, India, Indonesia, Israel, Italy, Korea, Kuwait, Malaysia, Mexico, Morocco, New Zealand, Nigeria, Norway, Pakistan, Panama, Peru, Philippines, Poland, Romania, Russia Saudi Arabia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Kingdom, Ukraine, Uruguay, Venezuela, Vietnam, and United States. Source: JP Morgan and Haver Analytics.

Figure 12.




Source: US Department of Energy and Haver Analytics.

**Figure 13.**

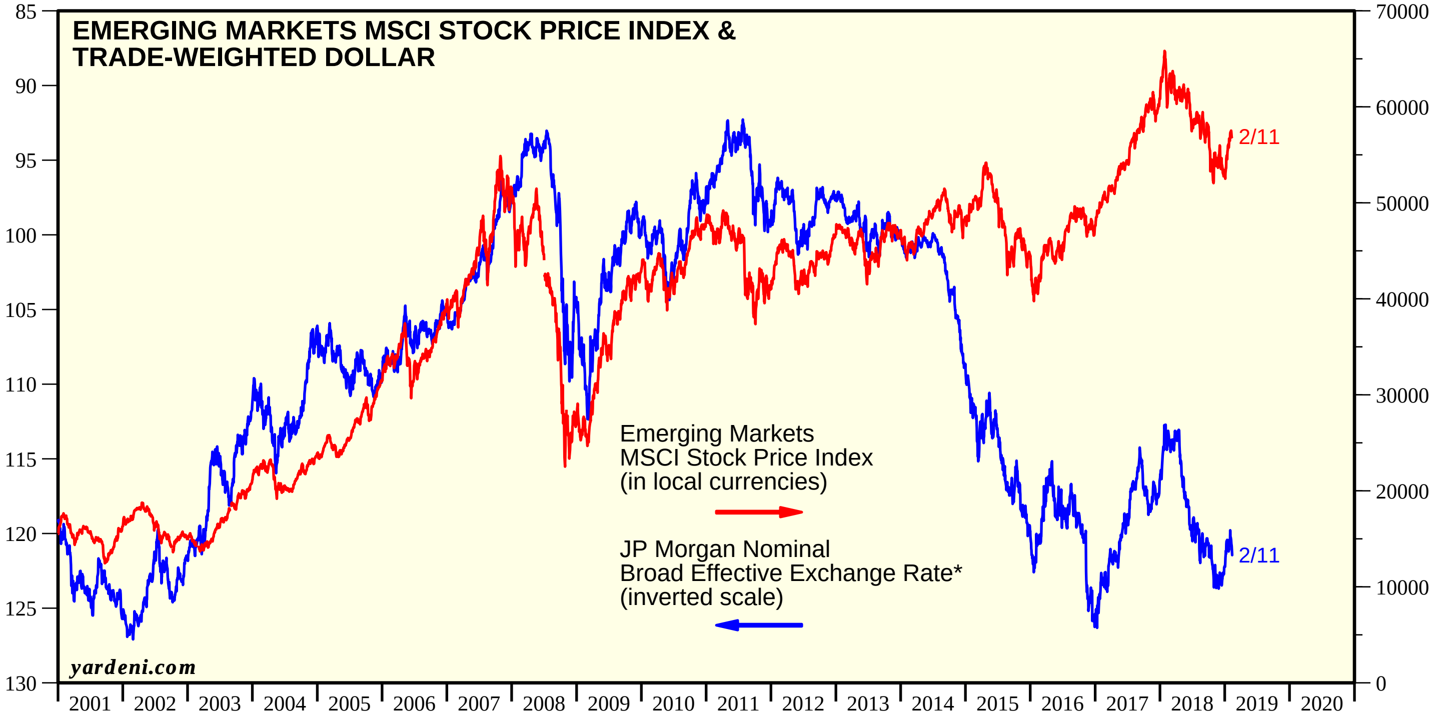



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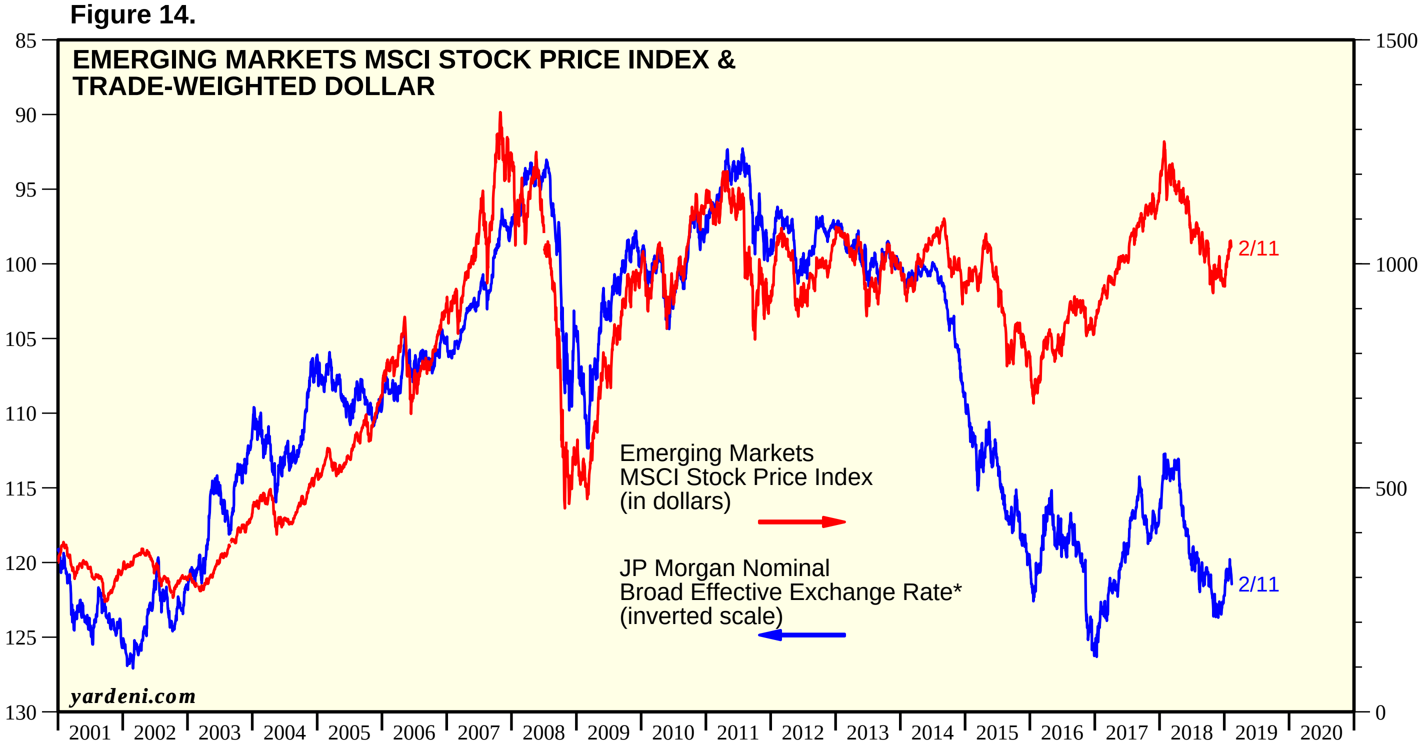
**Figure 14.**

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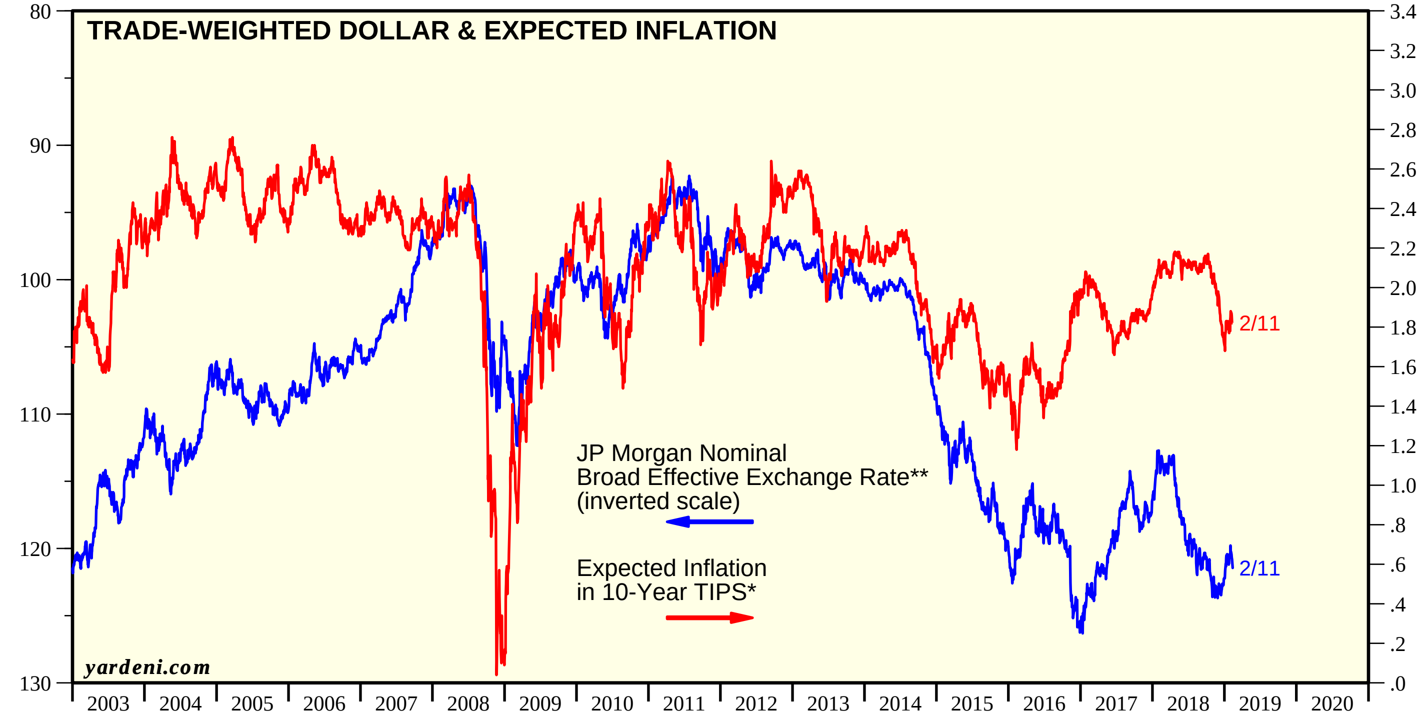
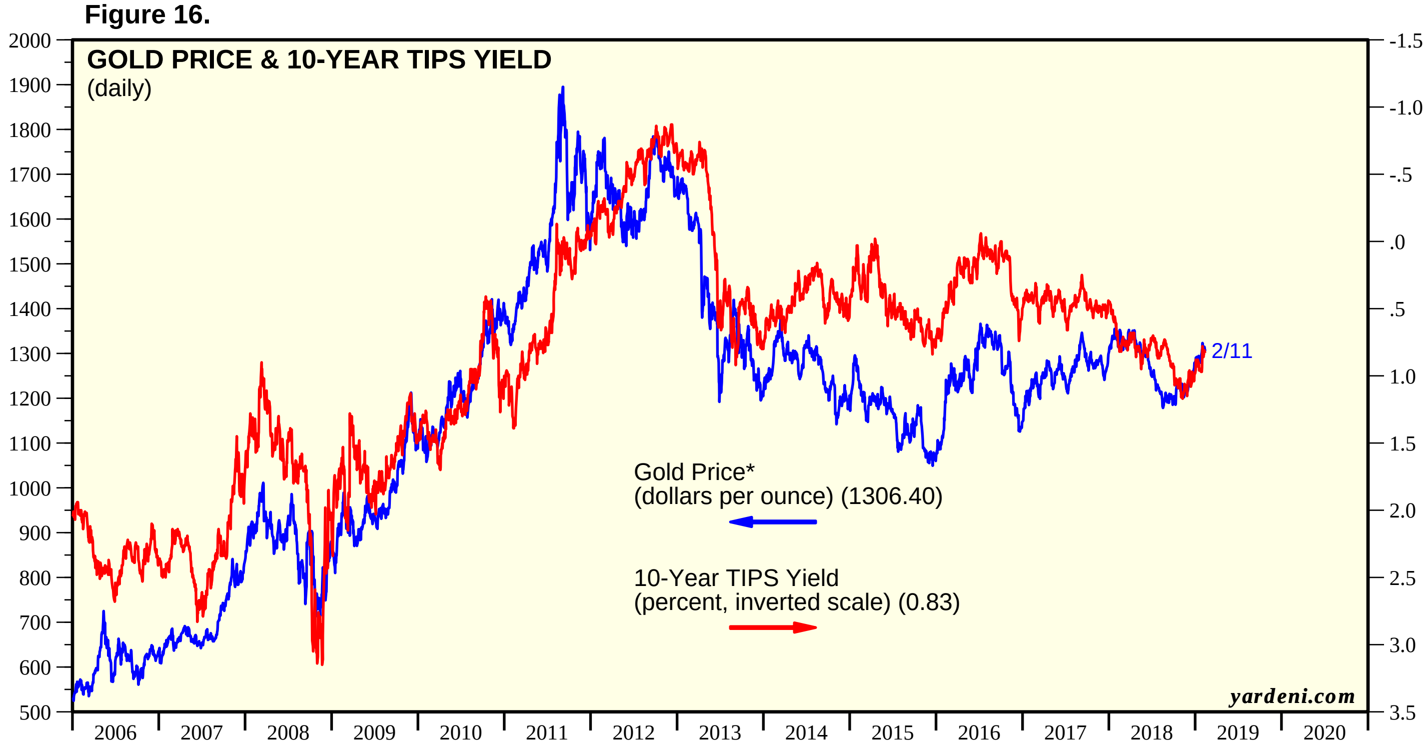
Source: JP Morgan and Morgan Stanley Capital International.

**Figure 15.**



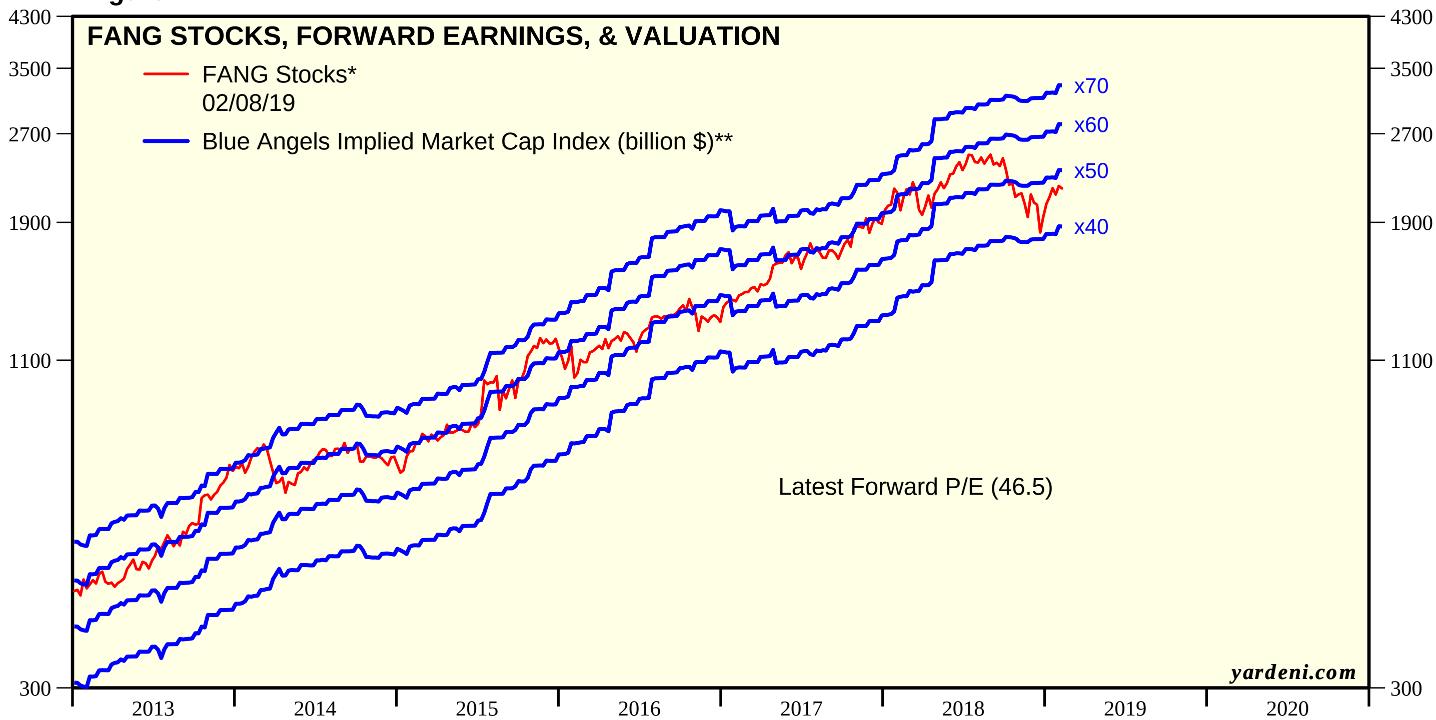

* Yield spread between 10-year US Treasury bond and comparable TIPS.
** Argentina, Australia, Brazil, Bulgaria, Canada, Chile, China, Colombia, Croatia, Czech Republic, Denmark, Ecuador, Egypt, France, Germany, Hong Kong, Hungary, Japan, India, Indonesia, Israel, Italy, Korea, Kuwait, Malaysia, Mexico, Morocco, New Zealand, Nigeria, Norway, Pakistan, Panama, Peru, Philippines, Poland, Romania, Russia Saudi Arabia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, Turkey, United Kingdom, Ukraine, Uruguay, Venezuela, Vietnam, and United States. Source: Commodity Research Bureau and JP Morgan.

**Figure 16.**



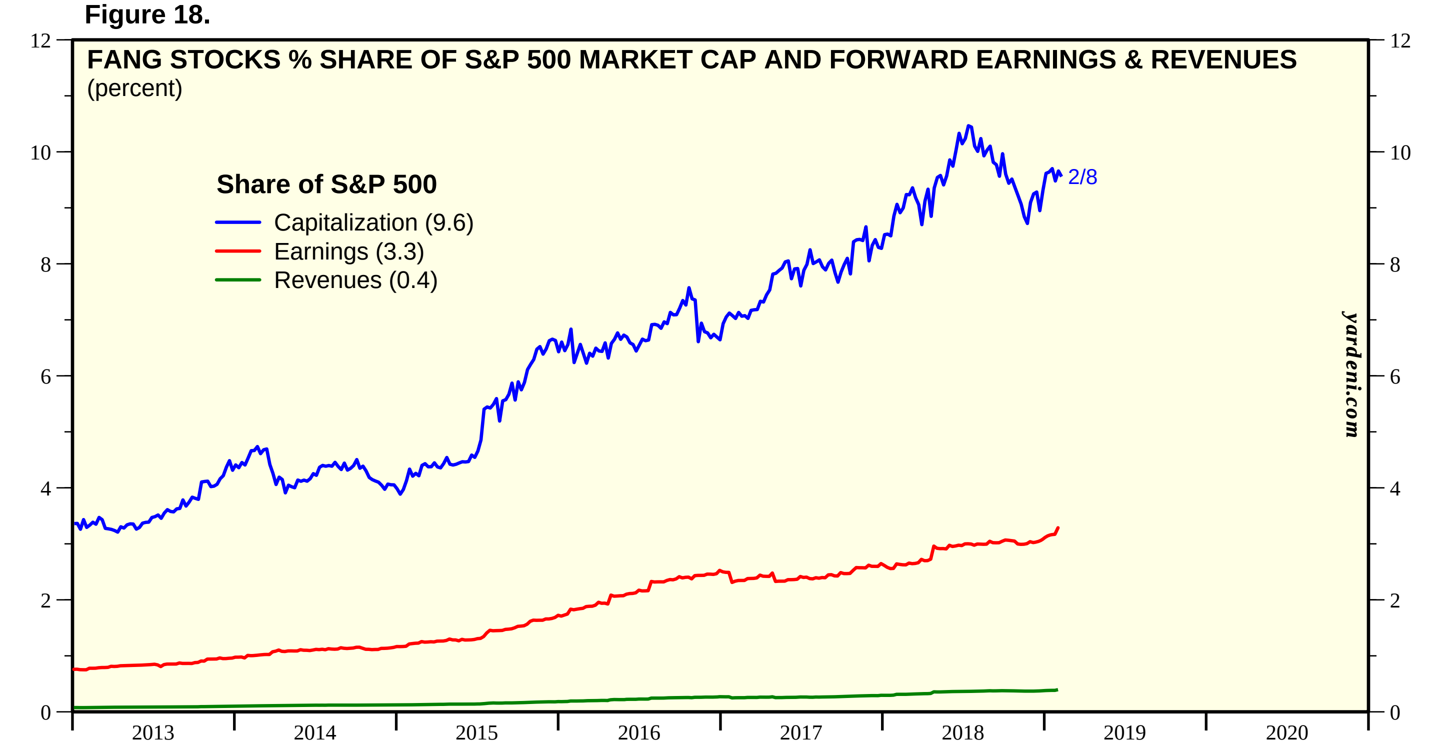

* Cash price. London gold bullion, PM Fix.
Source: Federal Reserve Board, Wall Street Journal, and Haver Analytics.

**Figure 17.**



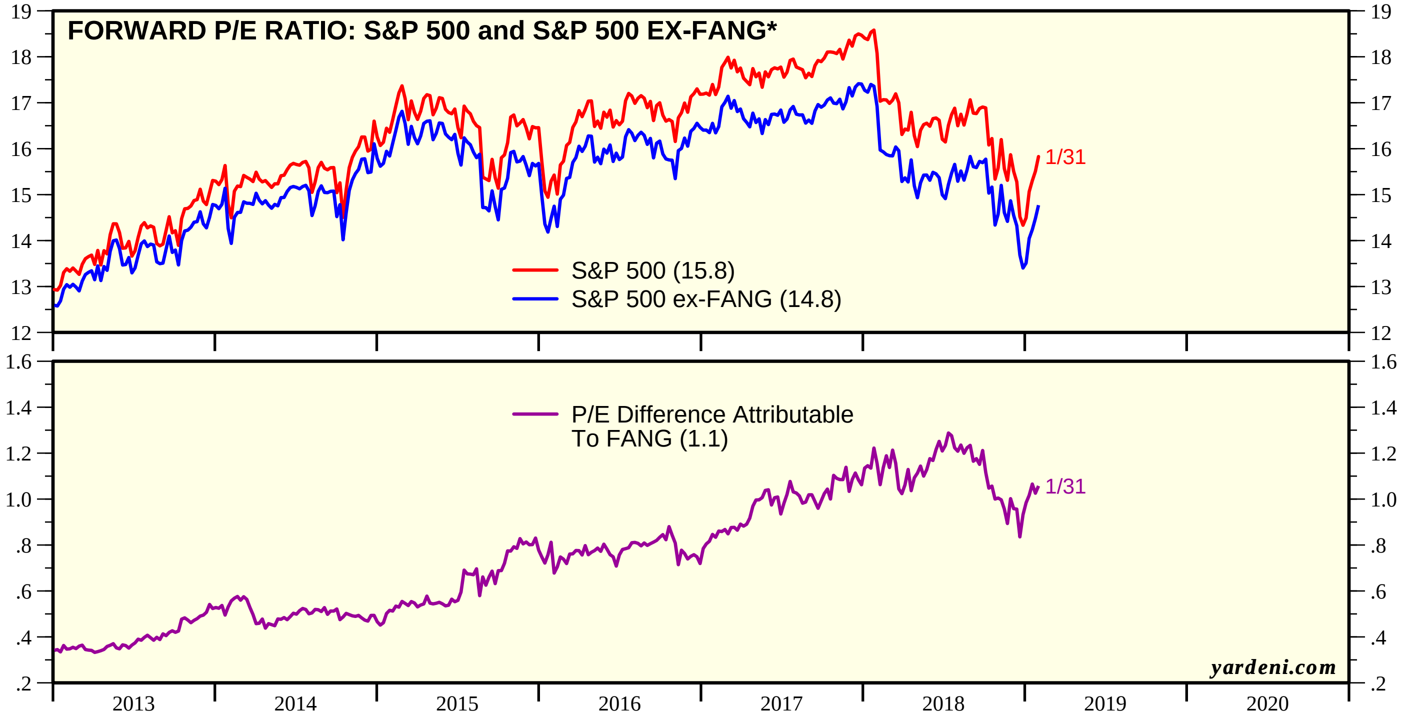

* FANG stocks include Facebook, Amazon, Netflix, and Google (Alphabet).
Market cap includes both classes of Alphabet.
** Implied price index calculated using forward earnings times forward P/Es.
Source: I/B/E/S data by Refinitiv.

**Figure 18.**




* FANG stocks include Facebook, Amazon, Netflix, and Google (Alphabet).
Market cap includes both classes of Alphabet.
Source: I/B/E/S data by Refinitiv.

**Figure 19.**




* Price divided by consensus forward earnings forecast.
FANG stocks include Facebook, Amazon, Netflix, and Google (Alphabet).
Source: I/B/E/S data by Refinitiv.