Chart Collection for Morning Briefing

Yardeni Research, Inc.

February 12, 2020

Dr. Edward Yardeni

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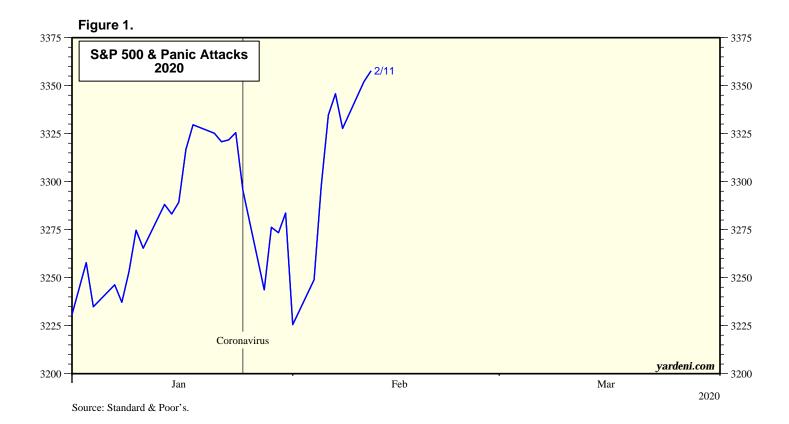
Mali Quintana

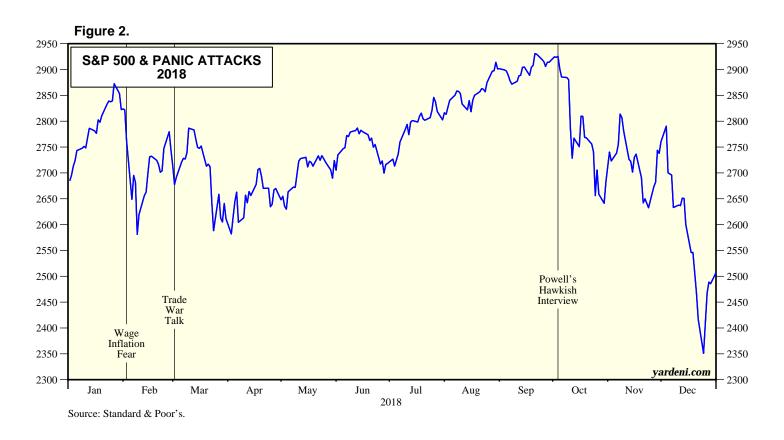
480-664-1333 aquintana@yardeni.com

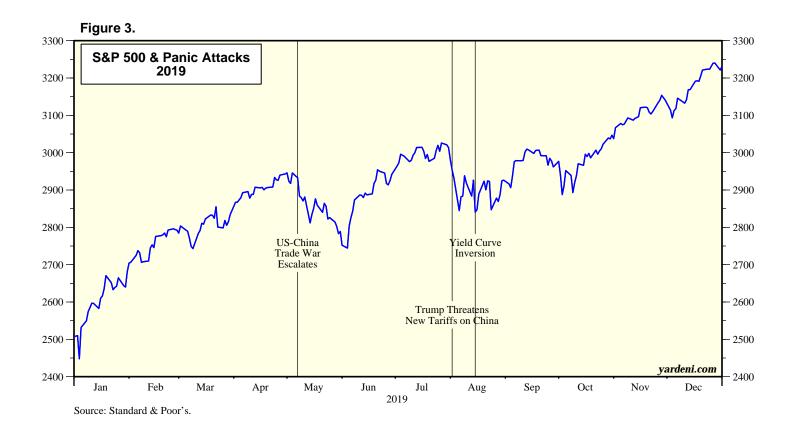
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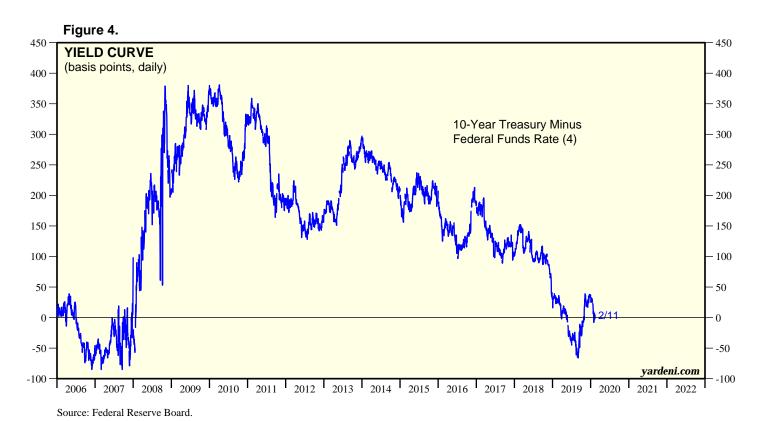


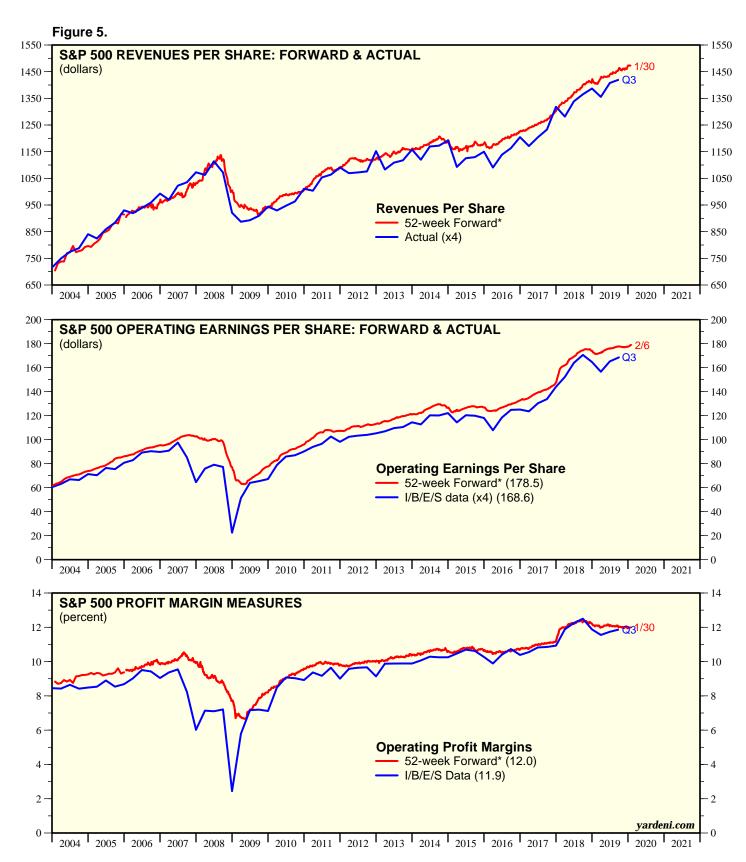
thinking outside the box



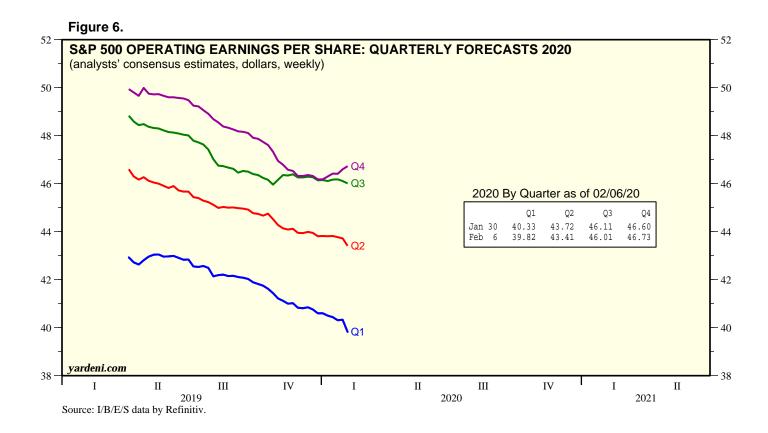


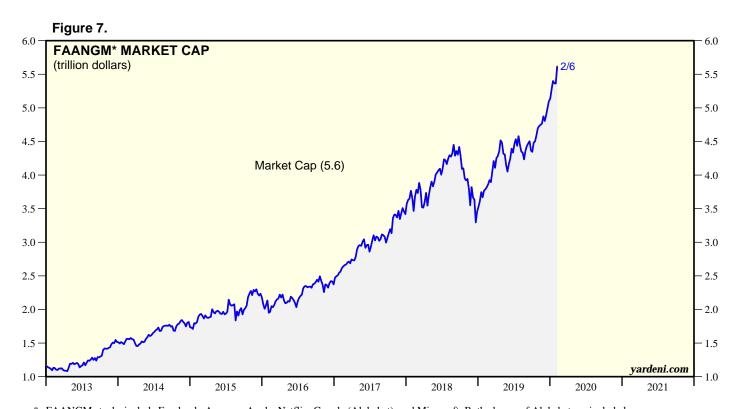




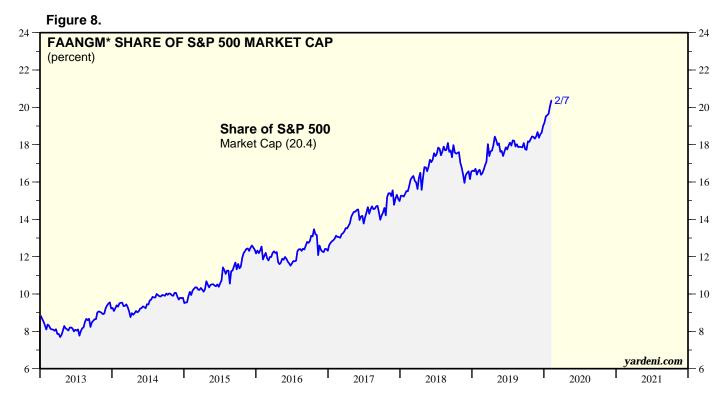


^{*} Time-weighted average of consensus estimates for current and next years. Source: Standard & Poor's and I/B/E/S data by Refinitiv.

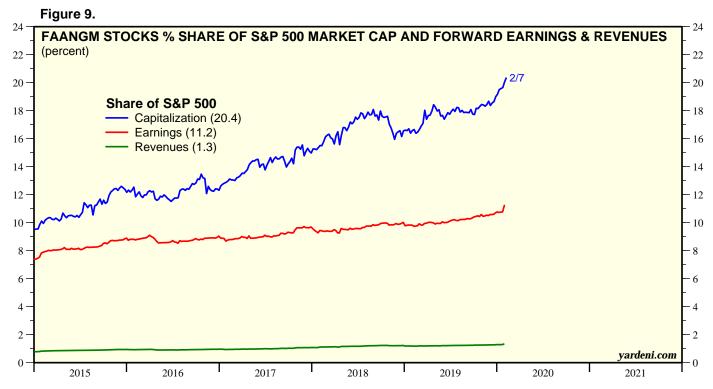




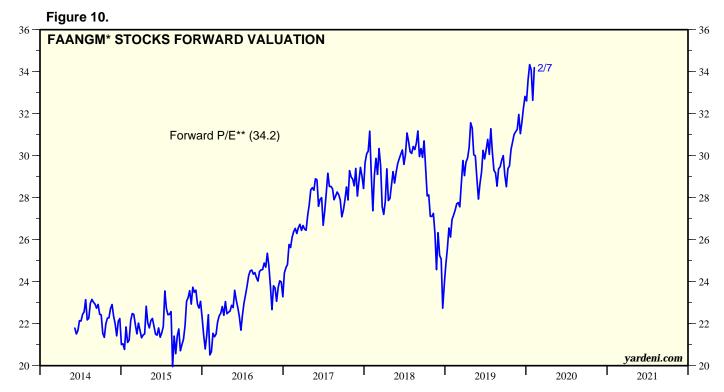
^{*} FAANGM stocks include Facebook, Amazon, Apple, Netflix, Google (Alphabet), and Microsoft. Both classes of Alphabet are included. Source: Standard & Poor's and I/B/E/S data by Refinitiv.



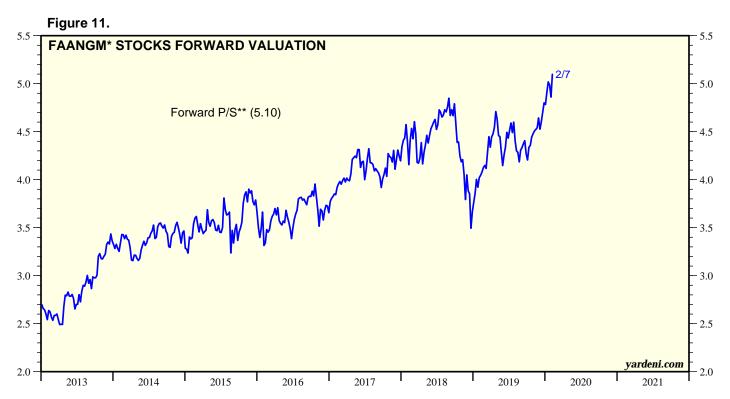
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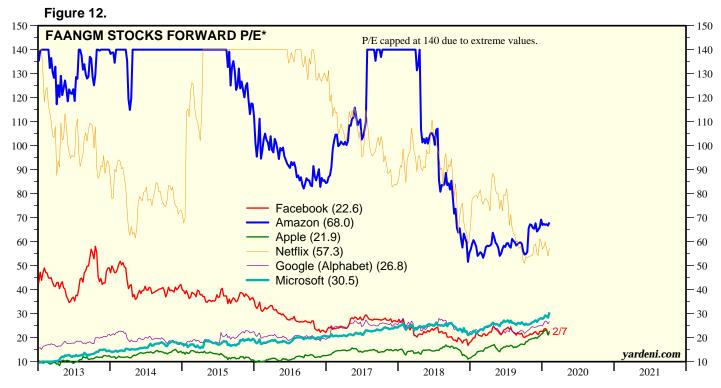
^{*} FANG stocks include Facebook, Amazon, Apple, Netflix, Google (Alphabet), and Microsoft. Market cap includes both classes of Alphabet. Source: I/B/E/S data by Refinitiv.



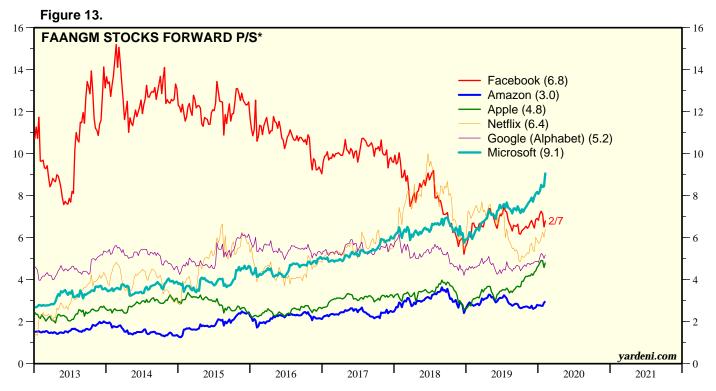
^{*} FAANGM stocks include Facebook, Amazon, Apple, Netflix, Google (Alphabet), and Microsoft. Both classes of Alphabet are included. Market cap divided by aggregate forward consensus expected operating earnings per share. Source: I/B/E/S data by Refinitiv.



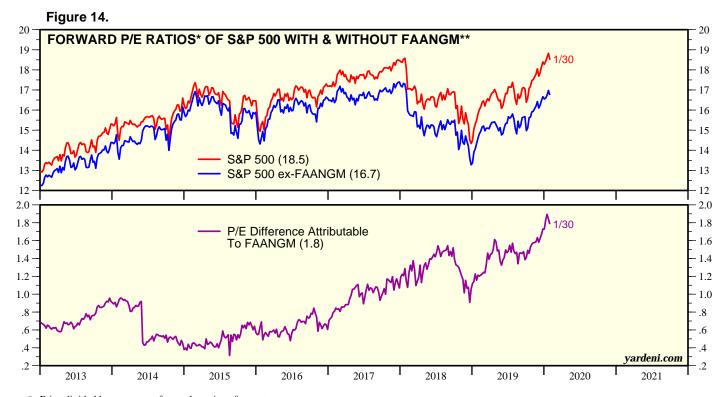
 ^{*} FAANGM stocks include Facebook, Amazon, Apple, Netflix, Google (Alphabet), and Microsoft. Both classes of Alphabet are included.
** Market cap divided by aggregate forward consensus expected revenues per share.
Source: I/B/E/S data by Refinitiv.



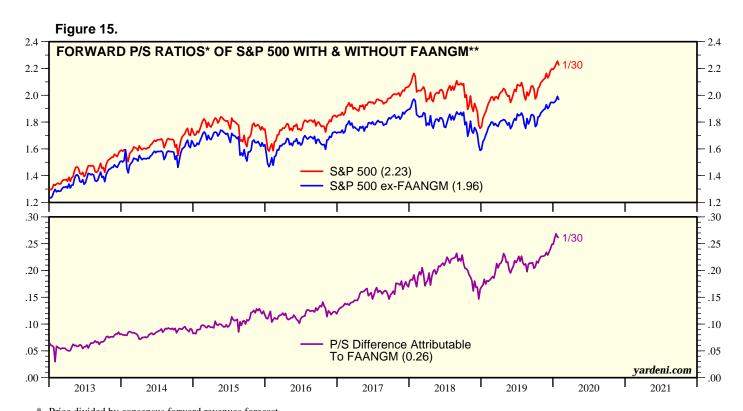
Price divided by 12-month forward consensus expected operating earnings per share. Source: I/B/E/S data by Refinitiv.



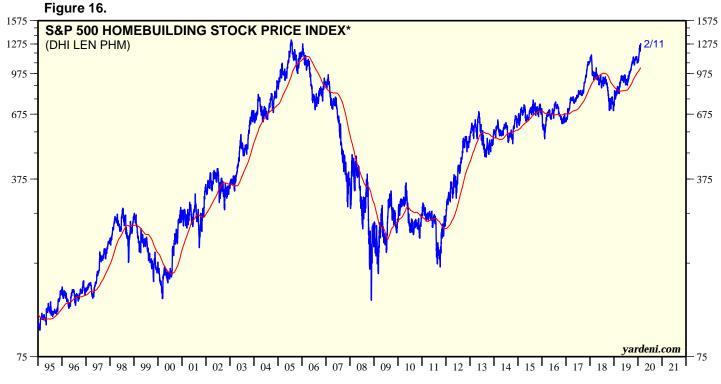
^{*} Price divided by 12-month forward consensus expected revenues per share. Source: I/B/E/S data by Refinitiv.



* Price divided by consensus forward earnings forecast.
** FAANGM stocks include Facebook, Amazon, Apple, Netflix, Google (Alphabet), and Microsoft. Both classes of Alphabet are included. Source: I/B/E/S data by Refinitiv.

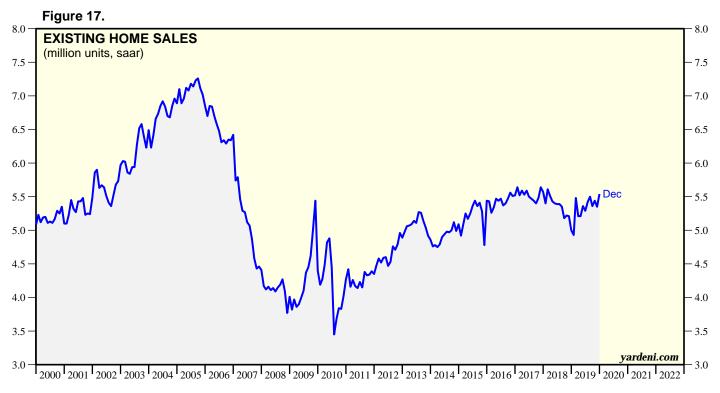


Price divided by consensus forward revenues forecast.
FAANGM stocks include Facebook, Amazon, Apple, Netflix, Google (Alphabet), and Microsoft. Both classes of Alphabet are included. Source: I/B/E/S data by Refinitiv.

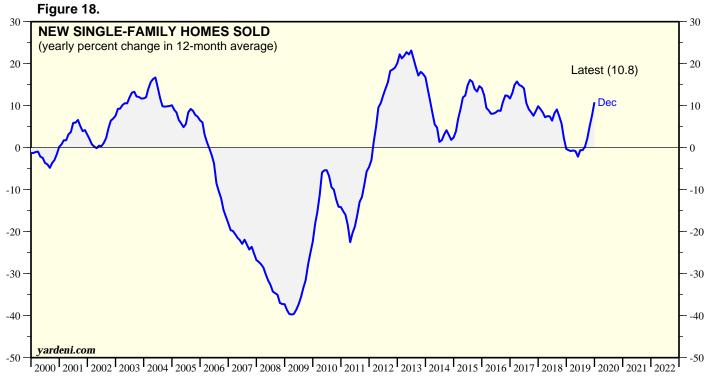


^{*} Ratio scale.

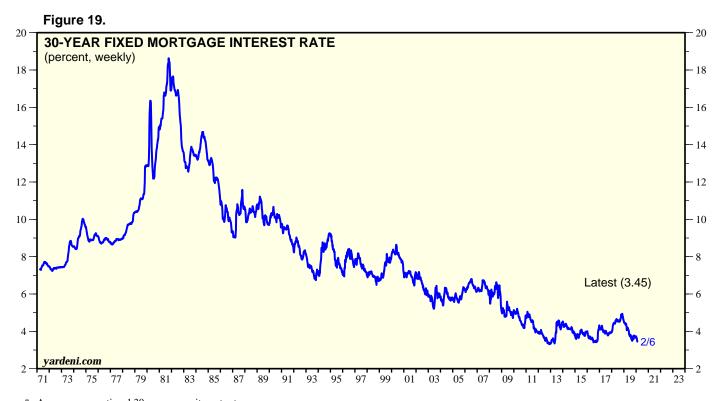
Source: Standard & Poor's and Haver Analytics.



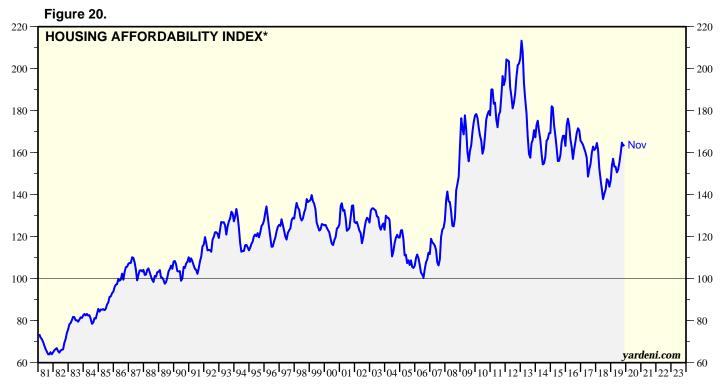
Source: National Association of Realtors.



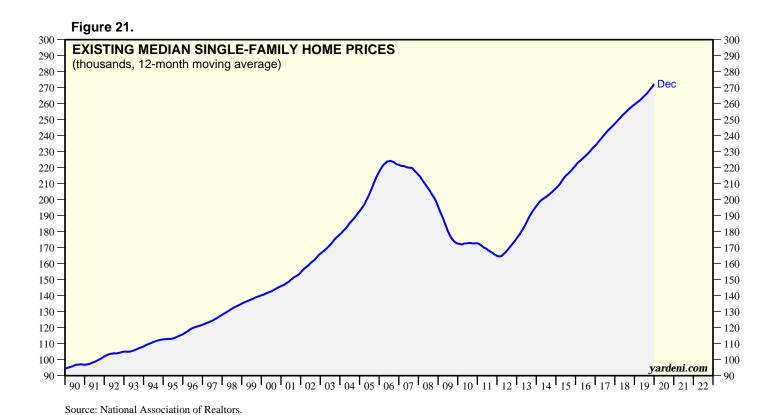
Source: Bureau of the Census.

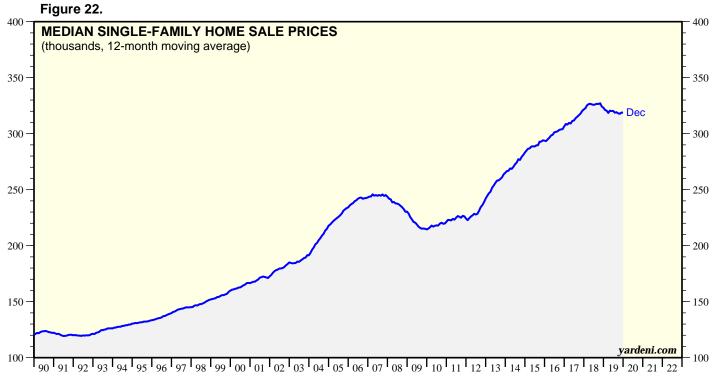


^{*} Average conventional 30-year commitment rate. Source: FHLMC Primary Mortgage Market Survey.

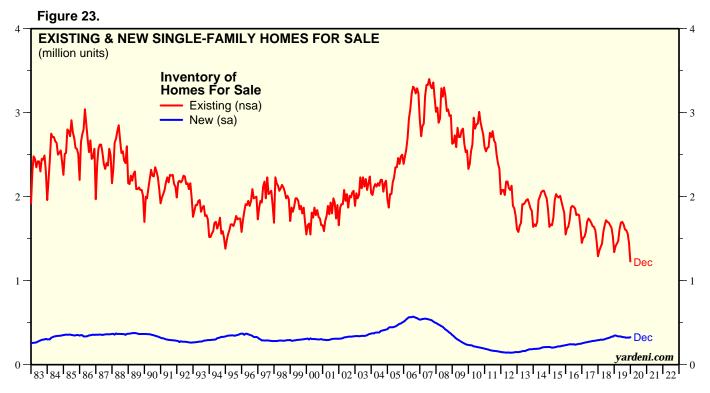


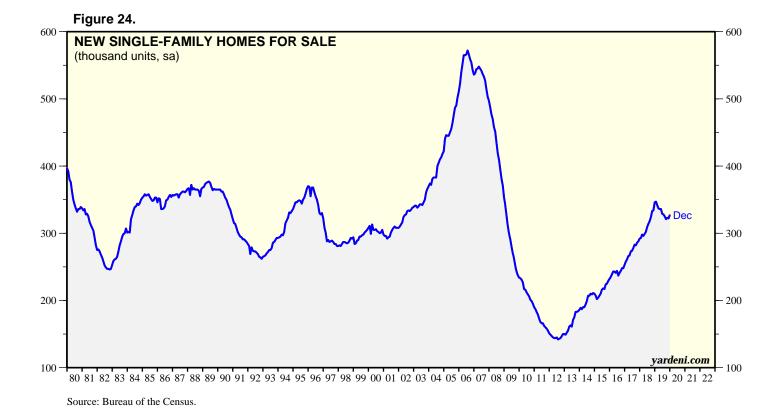
* Based on 30-year fixed rate mortgage.
Source: National Association of Realtors.

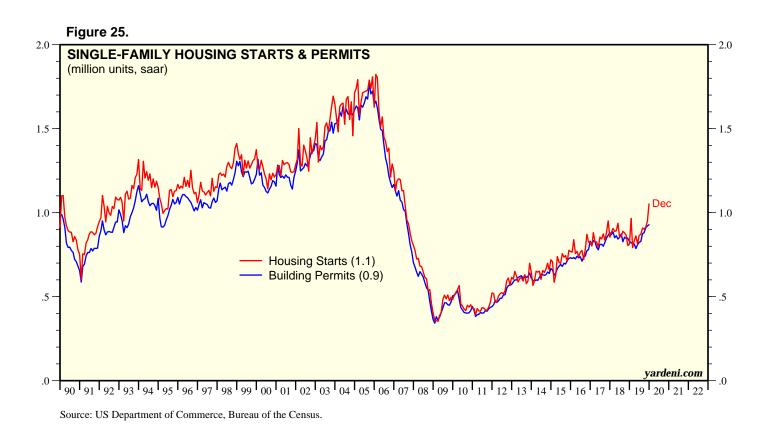


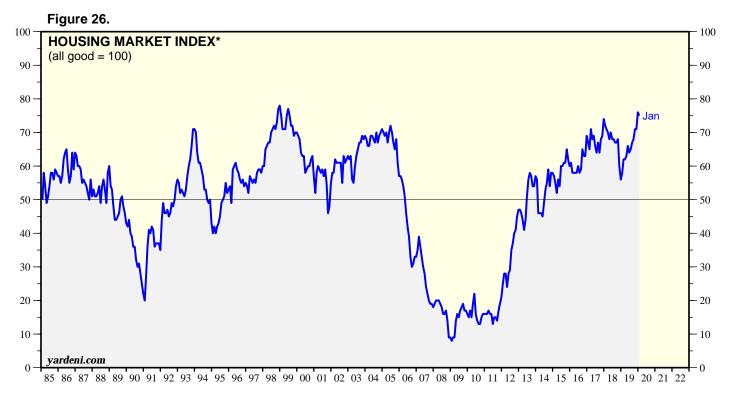


Source: Bureau of the Census.

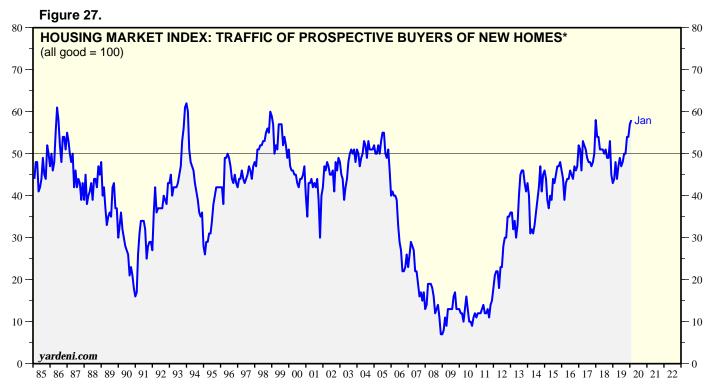








* For each diffusion index, when all respondents answer "good," the index is 100. If all respondents answer "poor," the index is 0. If equal numbers of respondents answer "good" and "poor", the index is 50. Source: National Association of Home Builders.



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