

Chart Collection for Morning Briefing

Yardeni Research, Inc.

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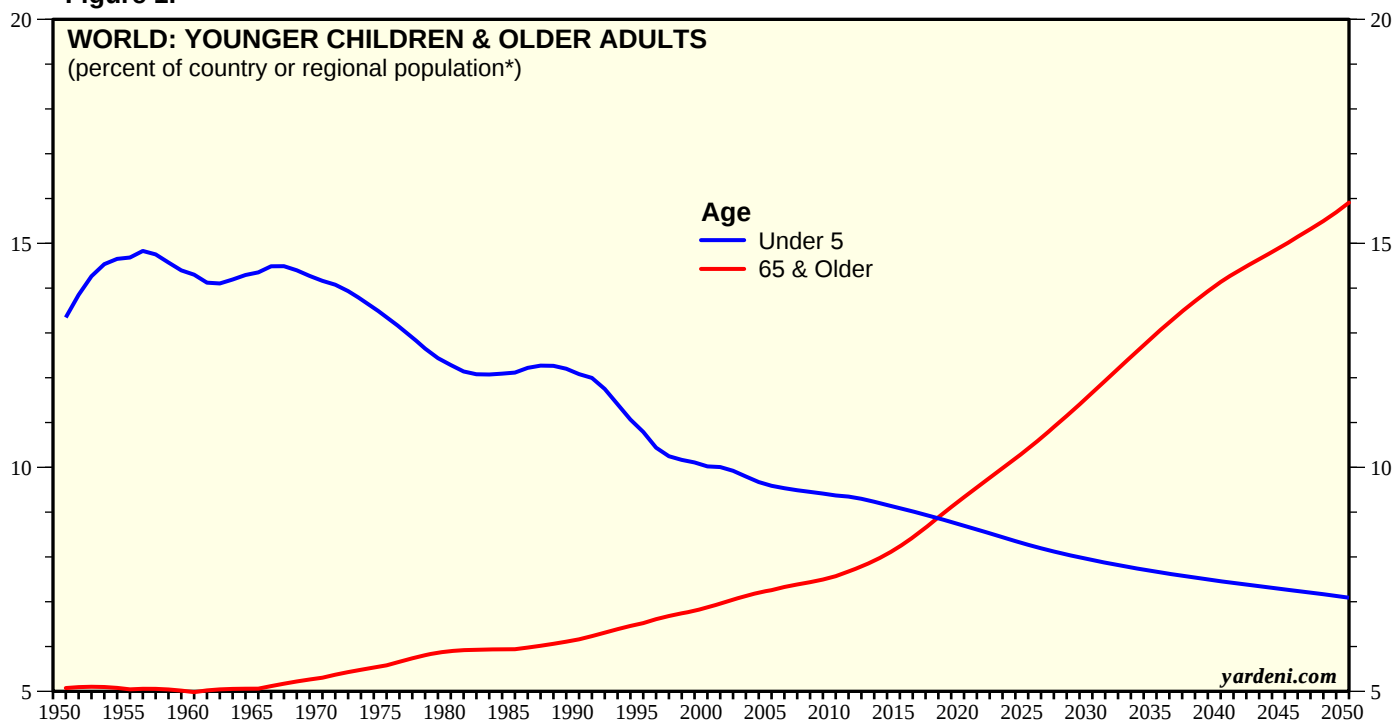
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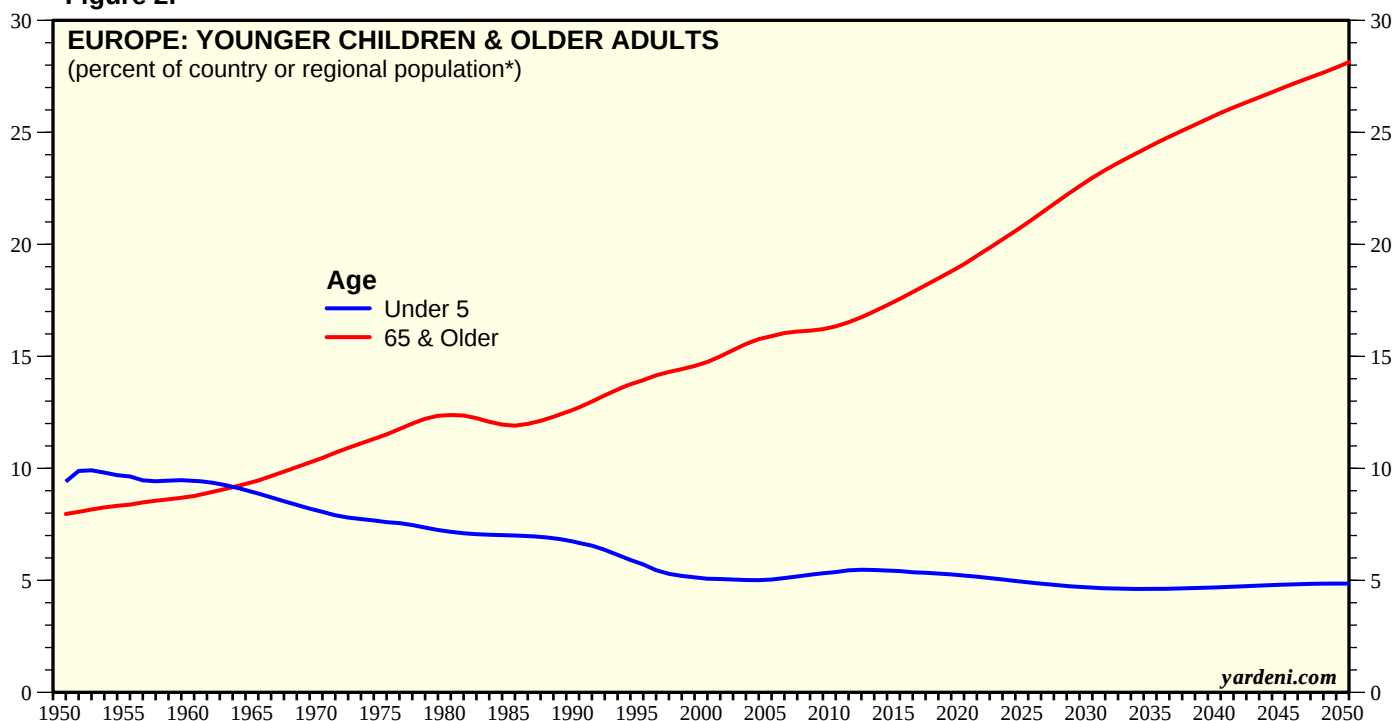
thinking outside the box

Figure 1.



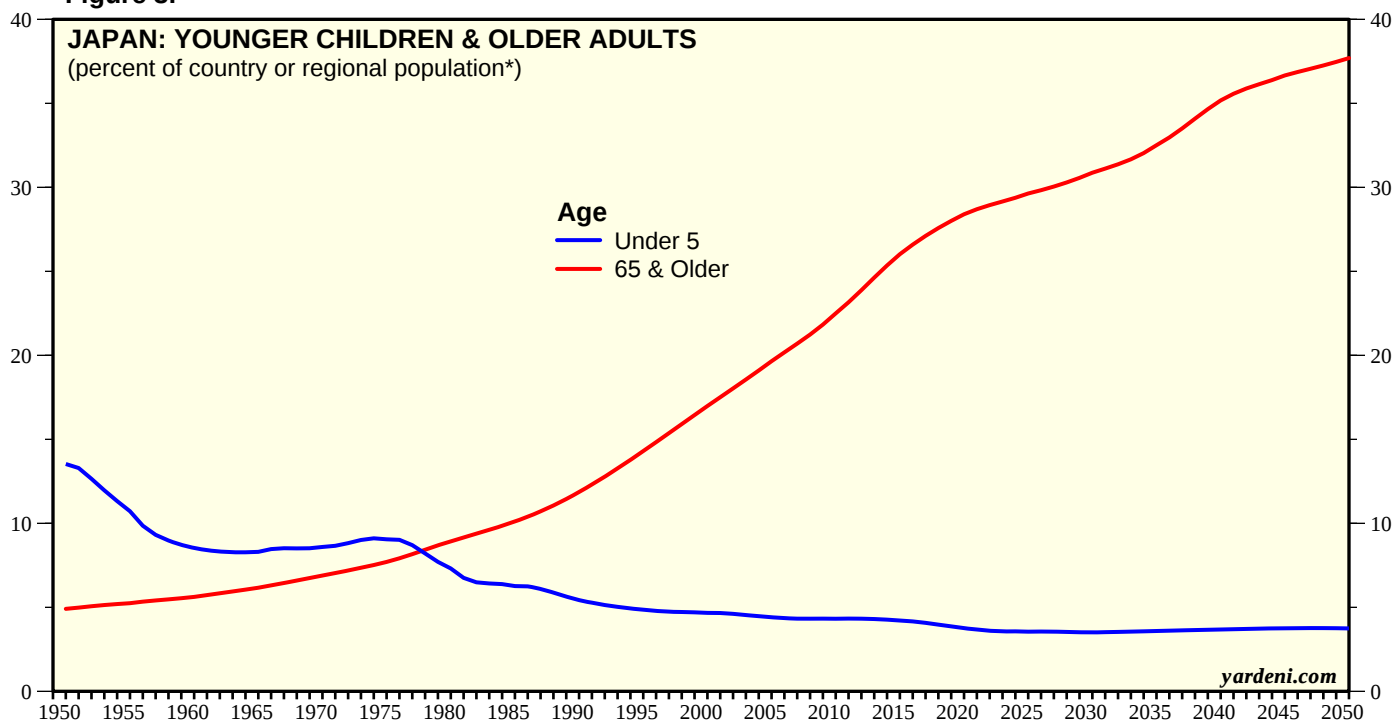
* Estimates through 2015, then projections through 2050.
Source: United Nations.

Figure 2.



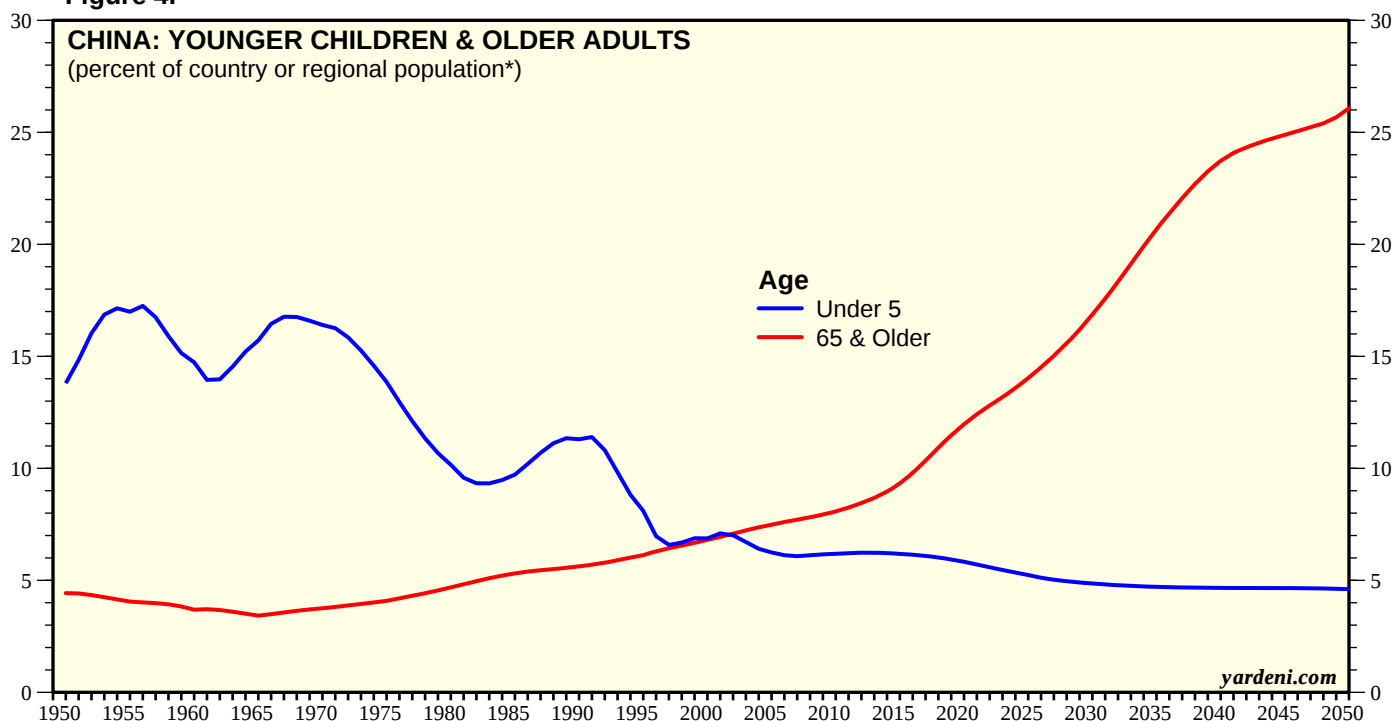
* Estimates through 2015, then projections through 2050.
Source: United Nations.

Figure 3.



* Estimates through 2015, then projections through 2050.
Source: United Nations.

Figure 4.



* Estimates through 2015, then projections through 2050.
Source: United Nations.

Figure 5.

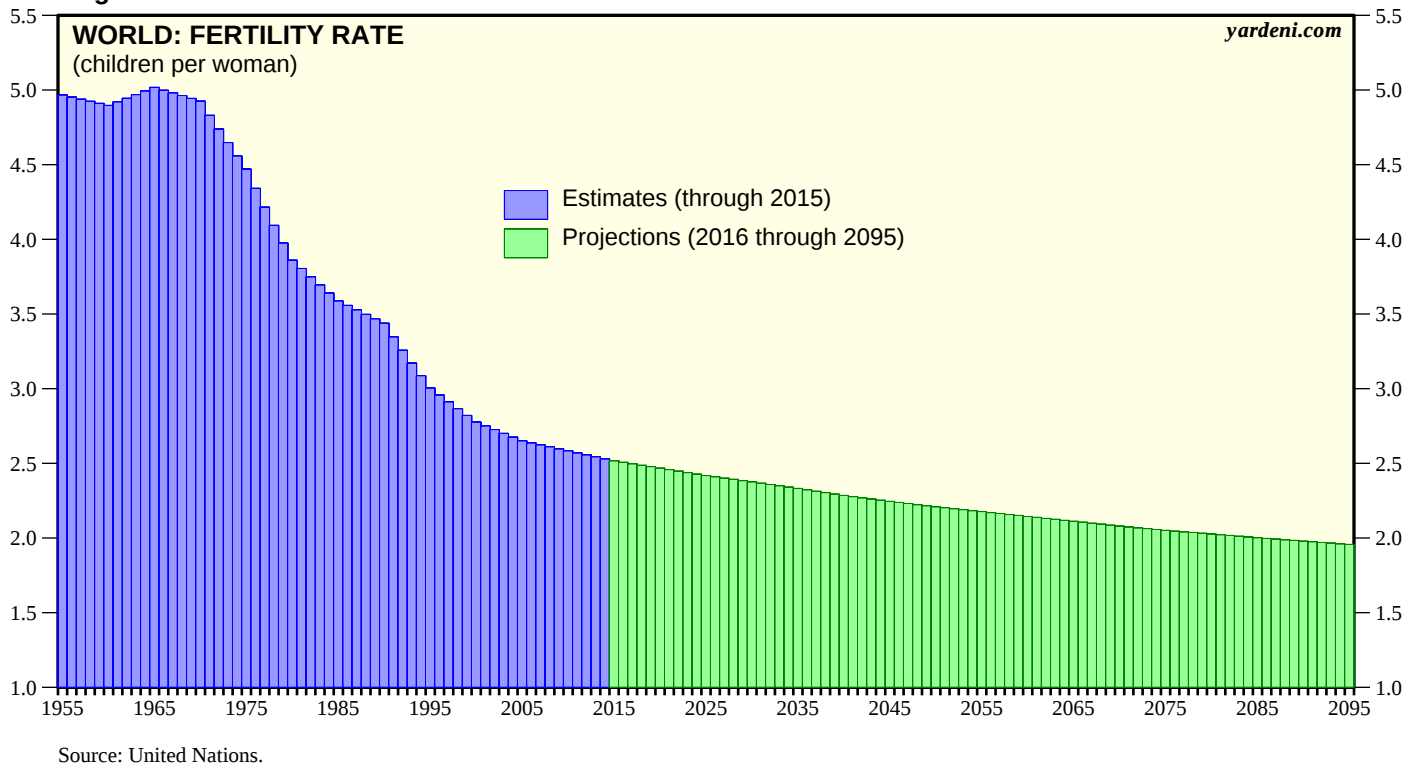


Figure 6.

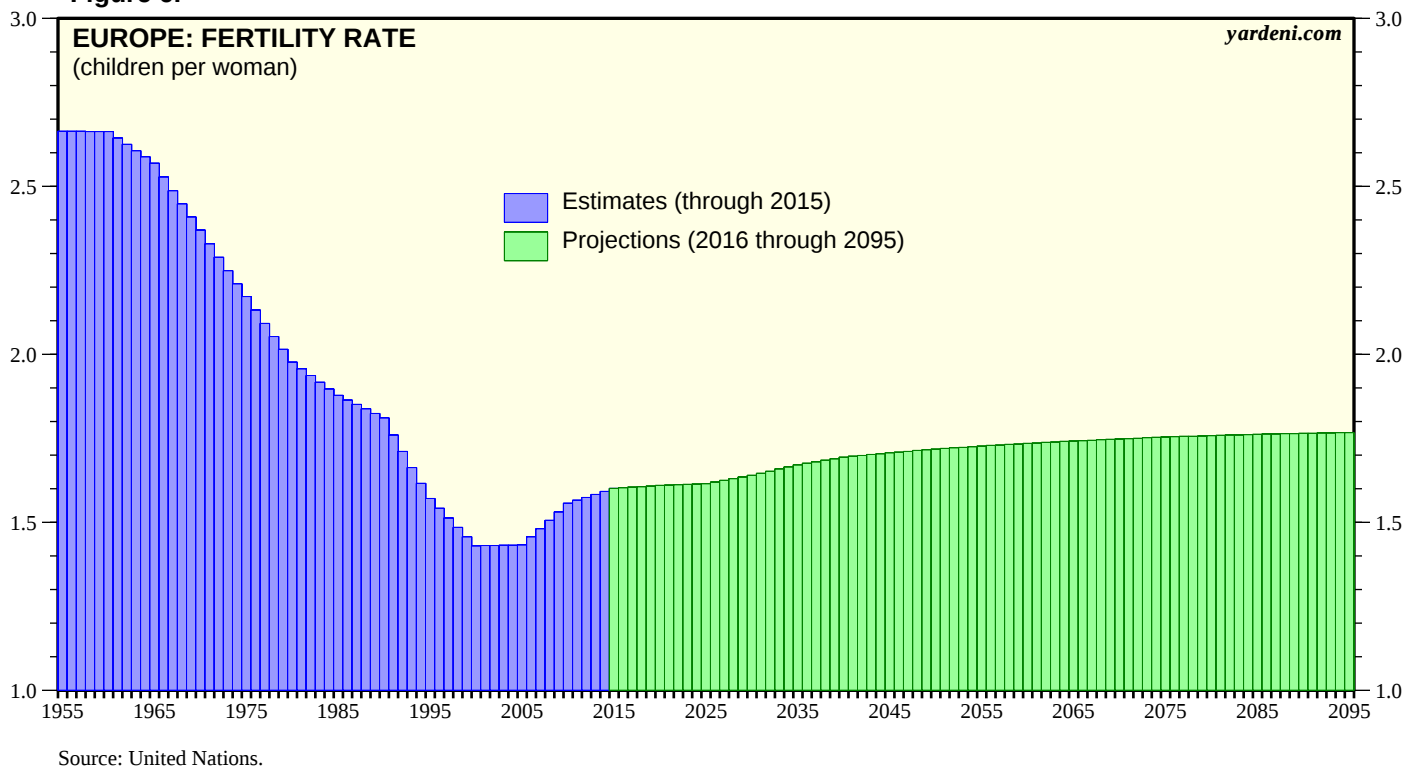


Figure 7.

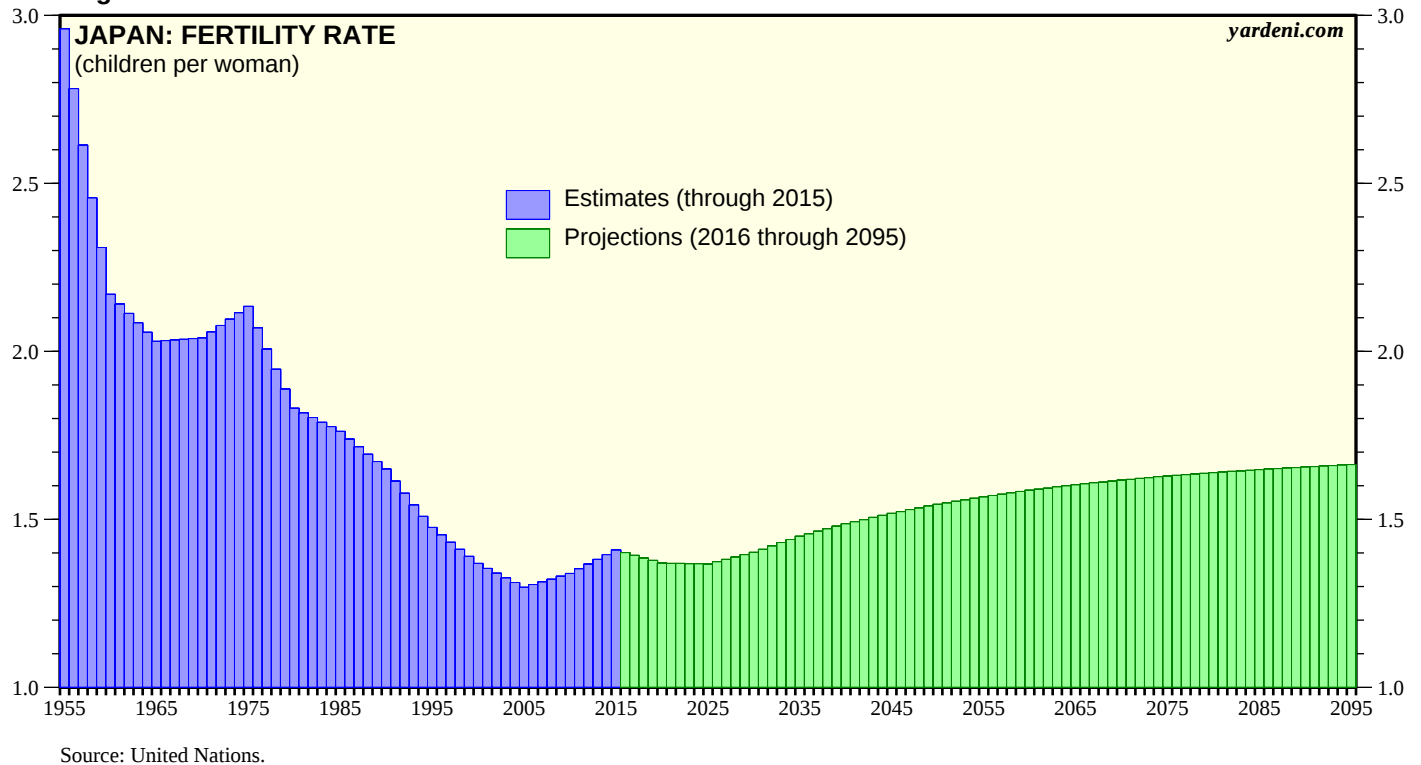


Figure 8.

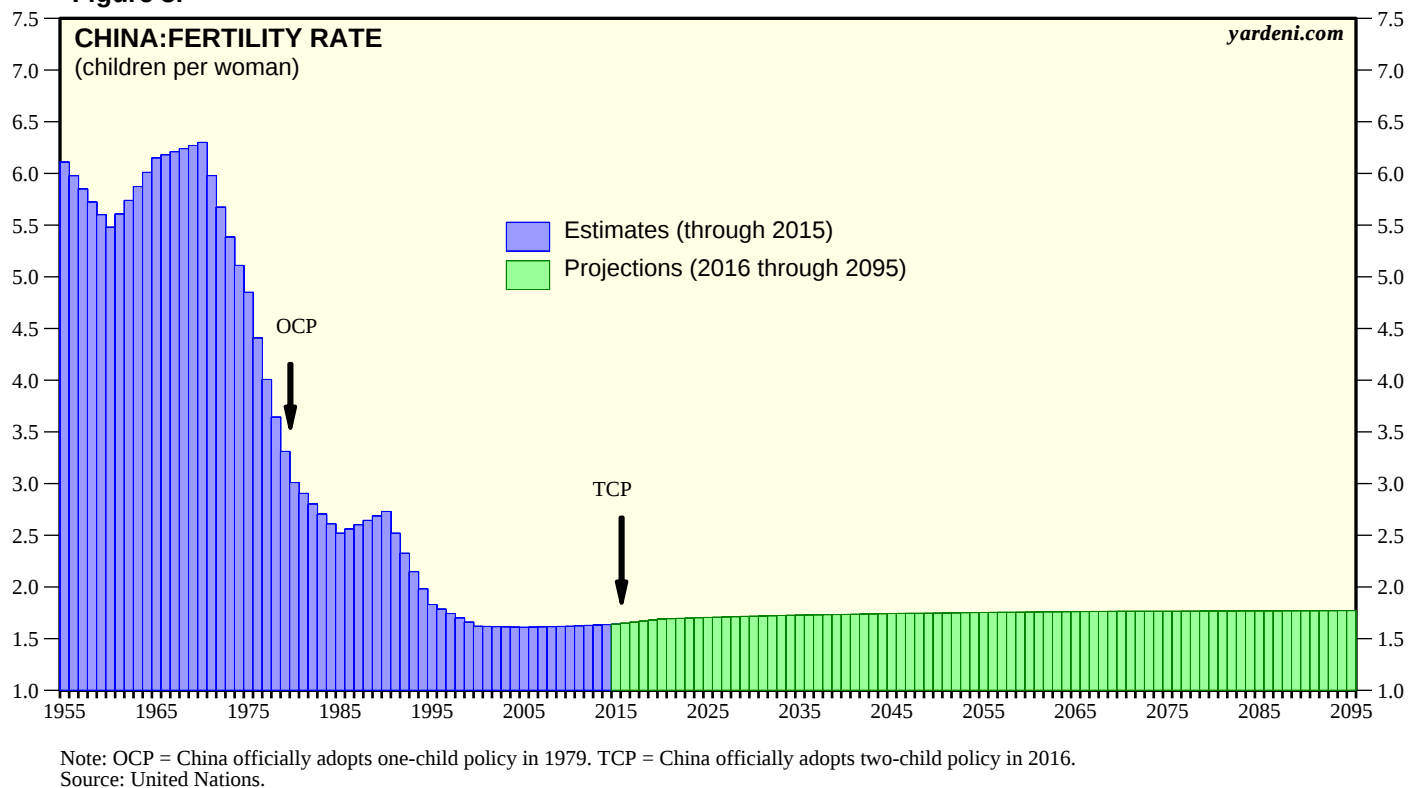
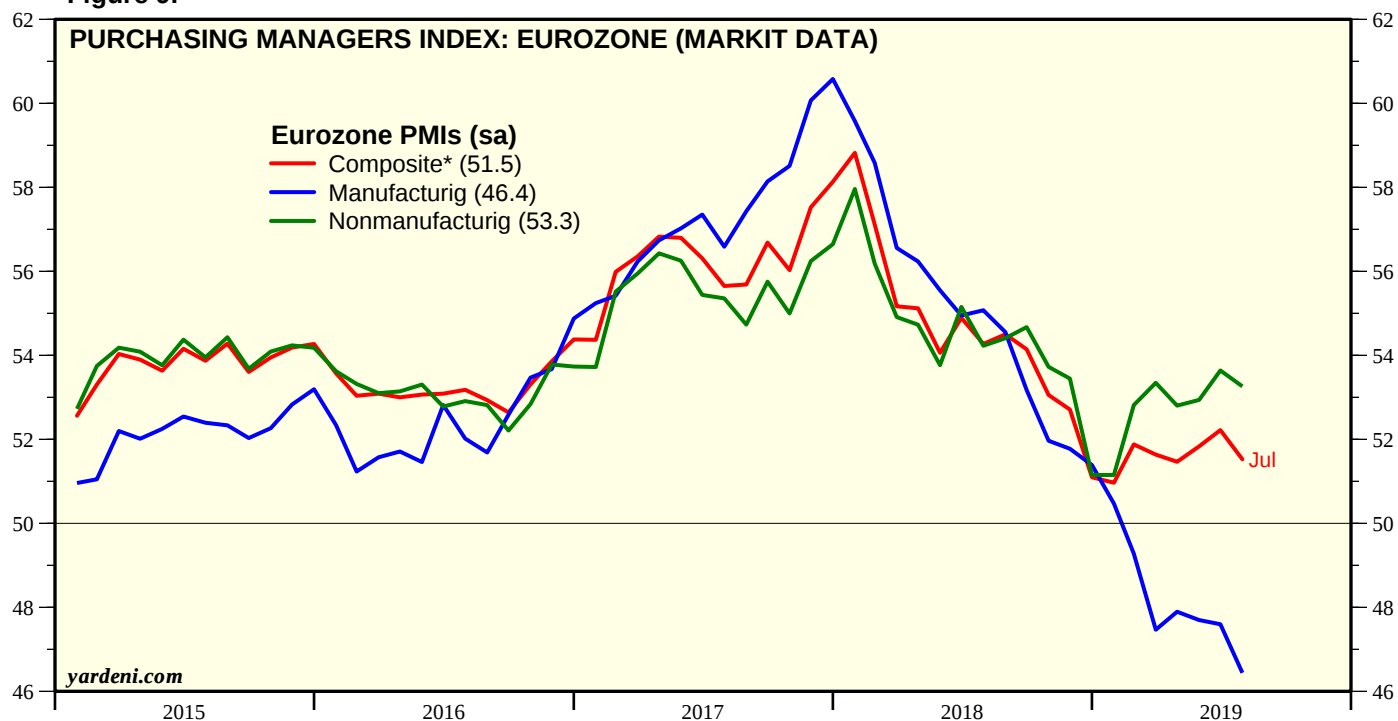
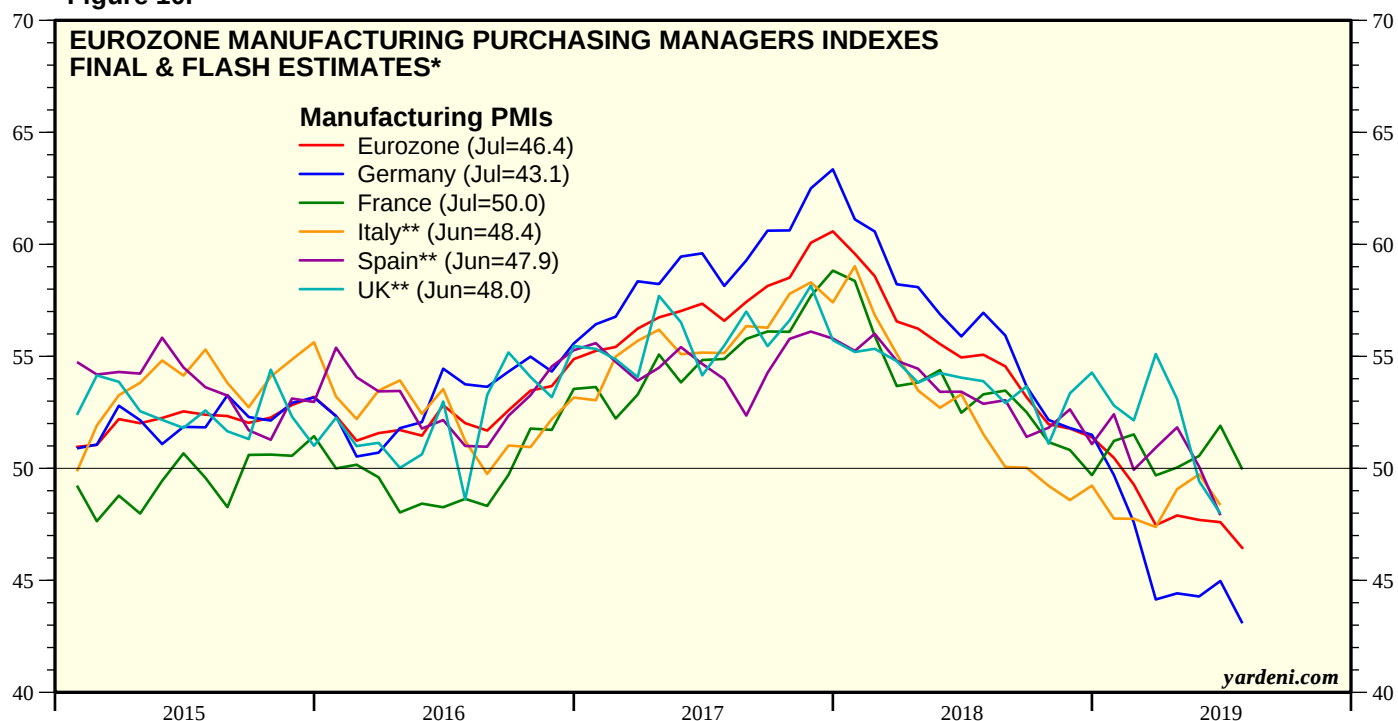


Figure 9.



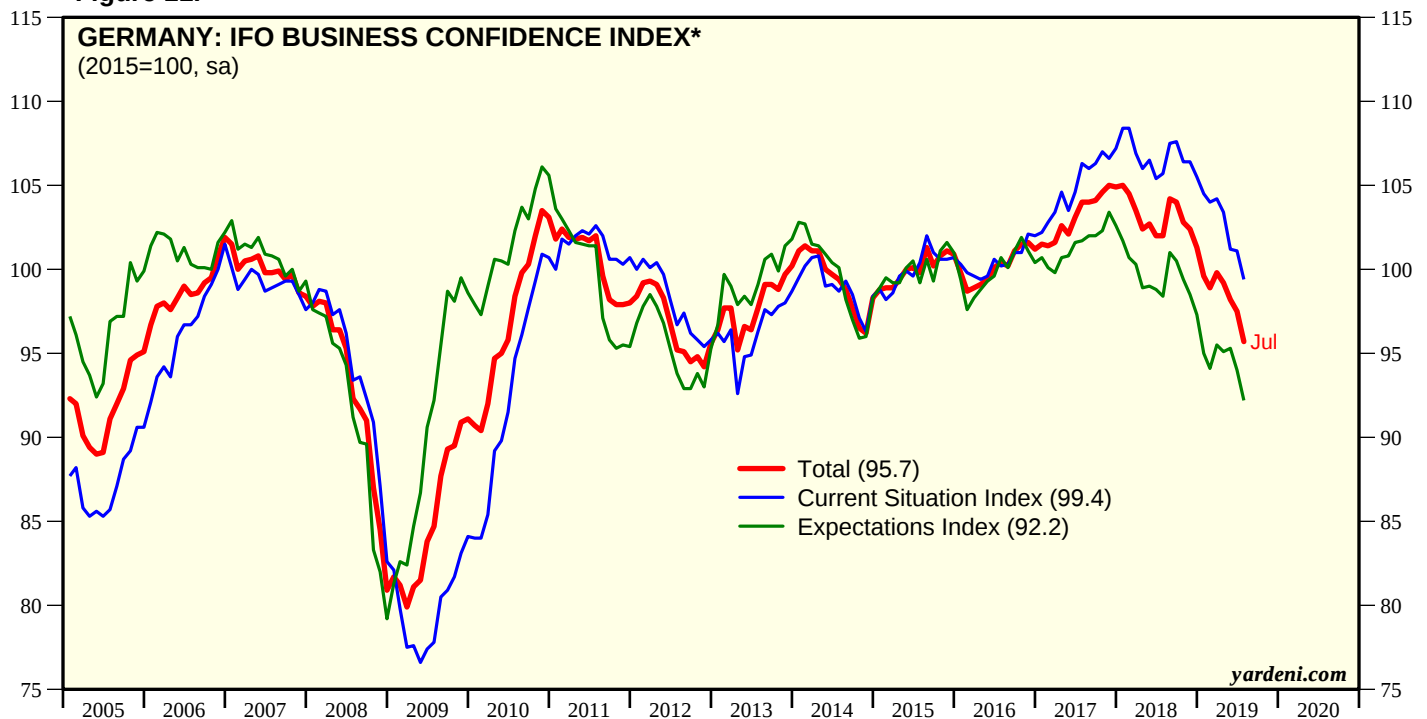
* Composite of M-PMI and NM-PMI.
Source: Markit and Haver Analytics.

Figure 10.



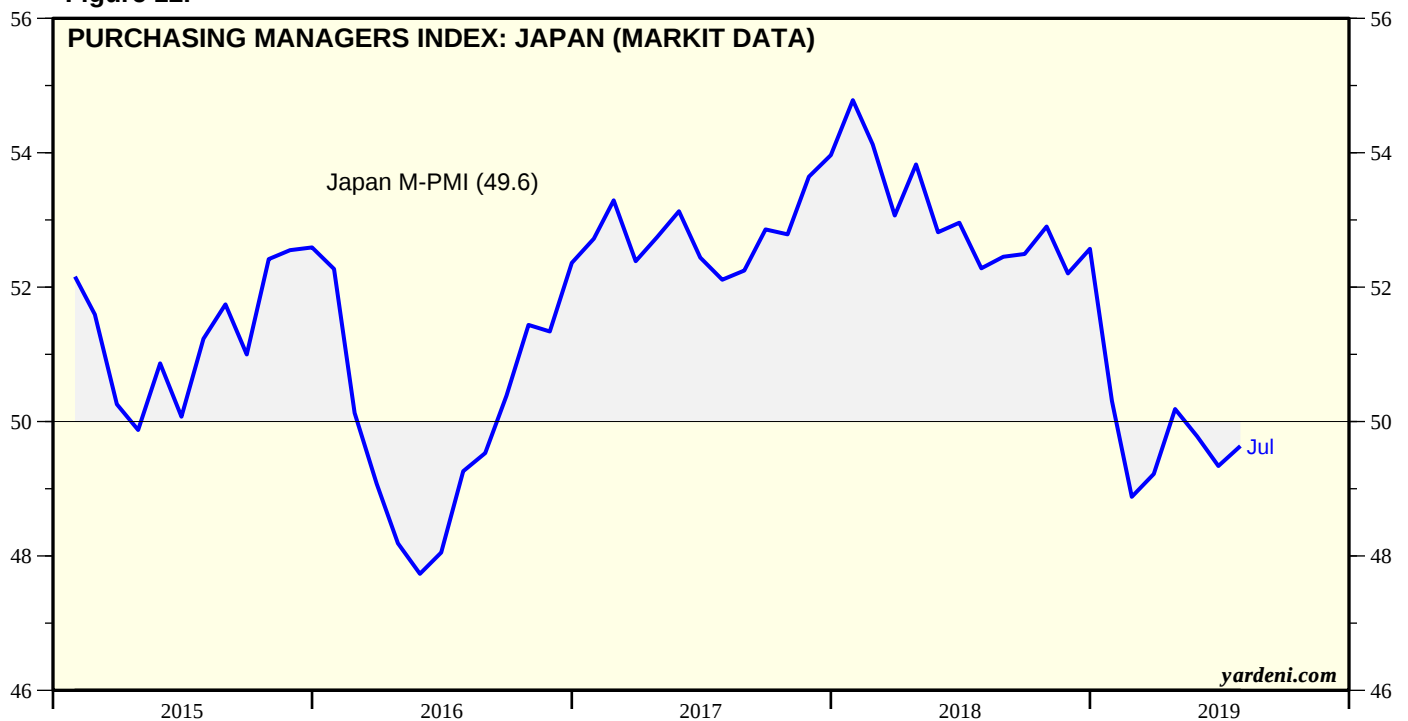
* An index above 50 indicates an increase in manufacturing activity. An index below 50 indicates a decrease in manufacturing activity.
** Flash estimates not available for Italy, Spain, and UK.
Source: HSBC, Markit, and Haver Analytics.

Figure 11.



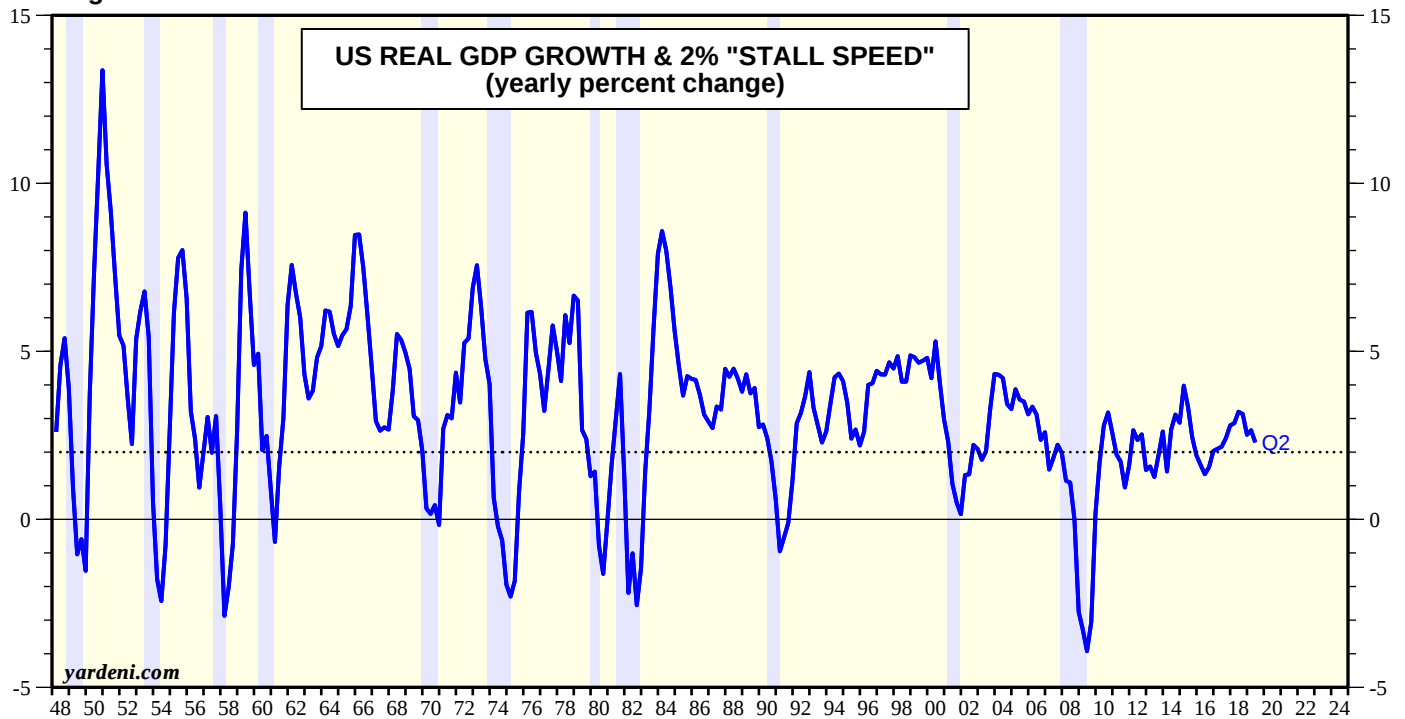
* Ifo introduced new series, which include services for the first time, drastically reducing the weight of the manufacturing sector within the measures.
Source: Ifo-Institut Fur Wirtschaftsforschung.

Figure 12.



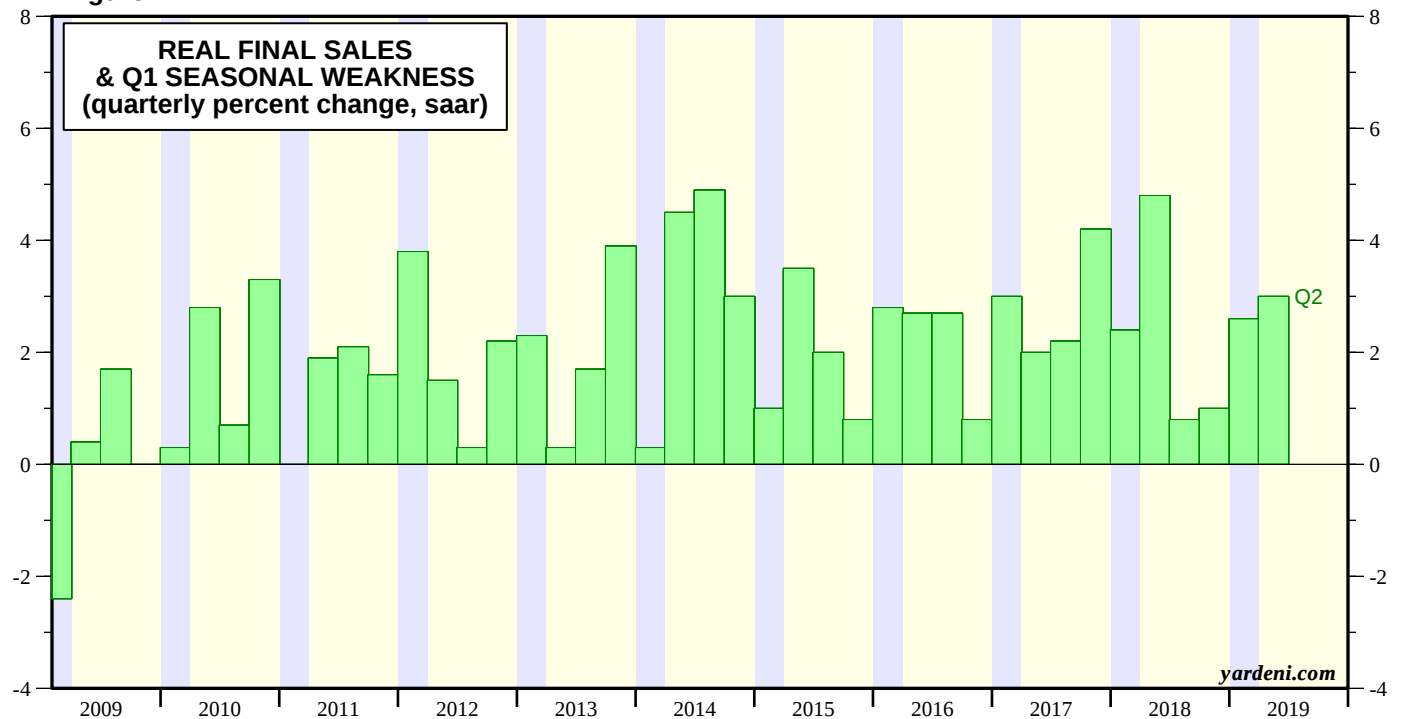
Source: Nikkei/Markit and Haver Analytics.

Figure 13.



Note: Shaded areas denote recessions according to the National Bureau of Economic Research. Dotted line is 2% "stall speed."
Source: Bureau of Economic Analysis.

Figure 14.



Note: Blue shaded areas denote first quarter of each year.
Source: Bureau of Economic Analysis.

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