

Forest Products Industry Contributions to Ohio's Economy: A Look at the 2017 Data

Sayeed R. Mehmood

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Some Forest Facts



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Forests of Ohio, 2017

Source: U.S. Forest Service



Total forest area: 7.9 million acres (2% less than 2012).



96% classified as timberland.



Net volume of live trees: 16.7 billion cu. ft.



Annual net growth of growing stock: 279 Million cu. ft.



Annual harvest of growing stock: 179 million cu. ft.



Growth to drain ratio: 1.56.

Methods

Multi-industry contribution models were run using IMPLAN 2017 data.

Resource data were collected from Forest Inventory and Analysis (FIA), U.S. Forest Service.

IMPLAN estimates and FIA data were then used for analysis.

Forestry Services and Logging



15 **Forestry,
forest products, and
timber tract
production**



16 **Commercial
logging**



19 **Support
activities for
agriculture and
forestry (one-third)**

Lumber and Wood Products

134 Sawmills

135 Wood preservation

136 Veneer and plywood manufacturing

137 Engineered wood member and truss manufacturing

138 Reconstituted wood product manufacturing

139 Wood windows and door manufacturing

140 Cut stock, resawing lumber, and planing

141 Other millwork, including flooring

142 Wood container and pallet manufacturing

143 Manufactured home (mobile home) manufacturing

144 Prefabricated wood building manufacturing

145 All other miscellaneous wood product manufacturing

393 Burial casket manufacturing

Pulp and Paper Manufacturing

146 Pulp mills

147 Paper mills

148 Paperboard mills

149 Paperboard container manufacturing

150 Paper bag and coated and treated paper manufacturing

151 Stationery product manufacturing

152 Sanitary paper product manufacturing

153 All other converted paper product manufacturing

Furniture Manufacturing

368 **Wood
kitchen cabinet and
countertop
manufacturing**

369 **Upholstered
household furniture
manufacturing**

370 **Non-
upholstered wood
household furniture
manufacturing**

371 **Other
household non-
upholstered furniture
manufacturing**

373 **Wood office
furniture
manufacturing**

374 **Custom
architectural
woodwork and
millwork**

Industry Impact Summary

Impact Type	Employment	Labor Income	Total Value Added
Direct Effect	61,902	3,873,184,562	4,781,997,851
Indirect Effect	30,621	2,044,830,174	3,237,399,383
Induced Effect	39,905	1,777,555,869	3,185,533,408
Total Effect	132,428	7,695,570,425	11,204,930,642



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Each million
board feet of
logs harvested
and processed
into wood
products
(except
furniture)
resulted in:



Employment of 1.2 loggers.



Employment for 7.2 other people.



\$518,454 in wages and benefits.



\$568,472 in total value added.



\$1.5 million in economic activity
throughout the state's economy.

Forestry and Logging



Logging directly employed 3,069 people.



However, another 2,552 Ohioans were employed because of logging.



Forestry Services employed 3,565 but created 1,027 other jobs in the economy.



Total impacts of the sector include: \$666.5 million in wages and benefits.



\$837 million in total value added.



\$1.1 billion in total economic activity.

Lumber and Wood Products



Lumber and wood products manufacturing directly employed 15,755.



Additional 16,928 were employed because of the activities in this sector.



Total impacts include: \$1.8 billion in wages and benefits.



\$2.5 billion in total value added.



\$6.1 billion in total economic activity.

Pulp and Paper Products

Pulp and paper products directly employed 20,181.

Additional 38,199 were employed because of the activities in this sector.

Total impacts include: \$3.7 billion in wages and benefits.

\$5.8 billion in total value added.

\$16.1 billion in total economic activity.

Furniture Manufacturing

The furniture sector directly employed 12,419.

Additional 10,015 were employed because of the activities in this sector.

Total impacts include: \$1.2 billion in wages and benefits.

\$1.6 billion in total value added.

\$3.5 billion in total economic activity.

Tax Impacts: State and Local Taxes

Tax on employee compensation
(social ins. Tax): \$7.8 million.

Tax on production and imports:
\$130.7 million.

Tax on households: \$103.4
million.

Tax on Corporations: \$1.8
million.

Total state and local taxes:
\$243.7 million.

Tax Impacts: Federal Taxes

- ☐ Tax on employee compensation (social ins. tax): \$737.6 million.
- ☐ Tax on proprietor's income: \$56.1 million.
- ☐ Tax on production and imports: \$67.8 million.
- ☐ Tax on households: \$561.1 million.
- ☐ Tax on corporations: \$130.3 million.
- ☐ Total federal taxes: \$1.6 billion.



So, How did we do
compared to
2015?

Forestry and Logging

	Employment	Wages and Benefits Real 1985 \$	Total Value Added Real 1985 \$
2015	5,766	104,006,394	118,840,457
2017	6,634	235,045,777	255,168,130

Lumber and Wood Products

	Employment	Wages and Benefits Real 1985 \$	Total Value Added Real 1985 \$
2015	16,045	345,266,744	447,683,961
2017	15,755	413,143,731	455,555,108

Pulp and Paper Products

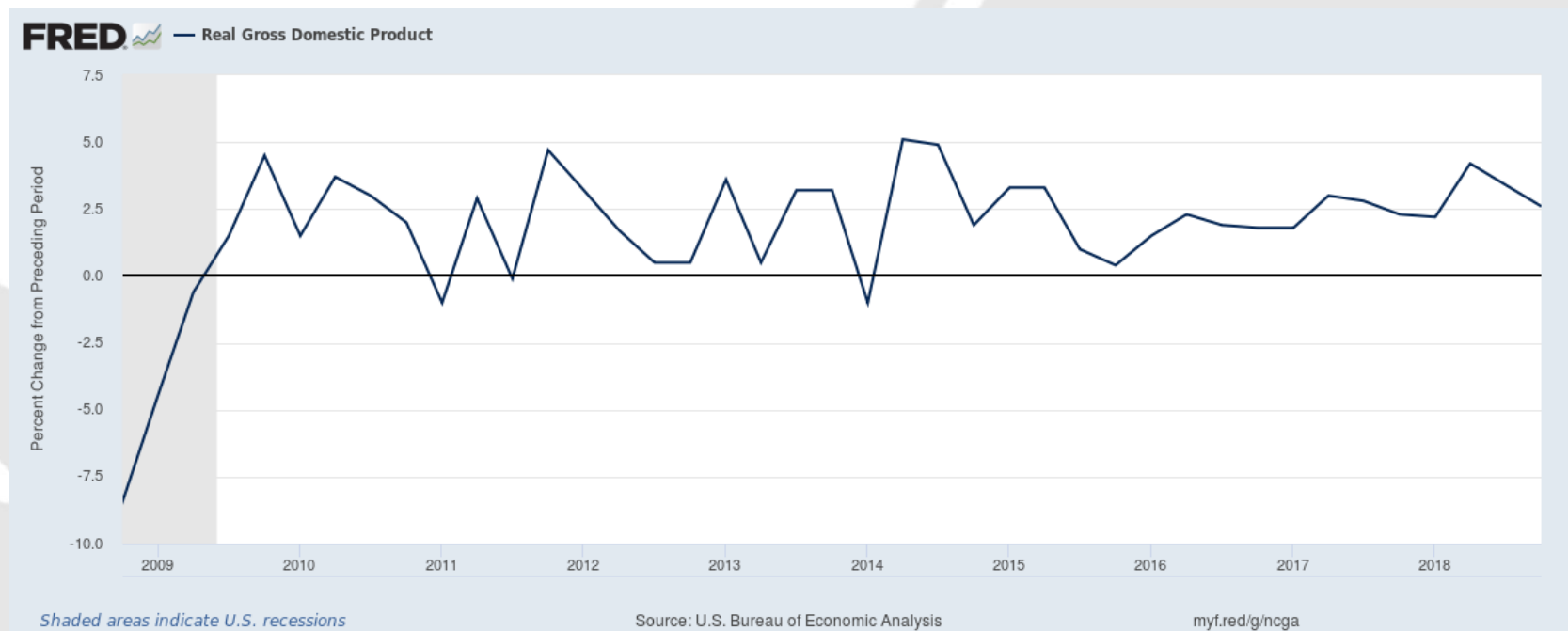
	EMPLOYMENT	WAGES AND BENEFITS REAL 1985 \$	TOTAL VALUE ADDED REAL 1985 \$
2015	19,716	740,391,601	1,047,535,583
2017	20,181	720,875,415	1,052,858,333

Furniture Manufacturing

	Employment	Wages and Benefits Real 1985 \$	Total Value Added Real 1985 \$
2015	11,556	272,569,615	292,811,281
2017	12,419	319,635,197	360,676,008



Economic Outlook



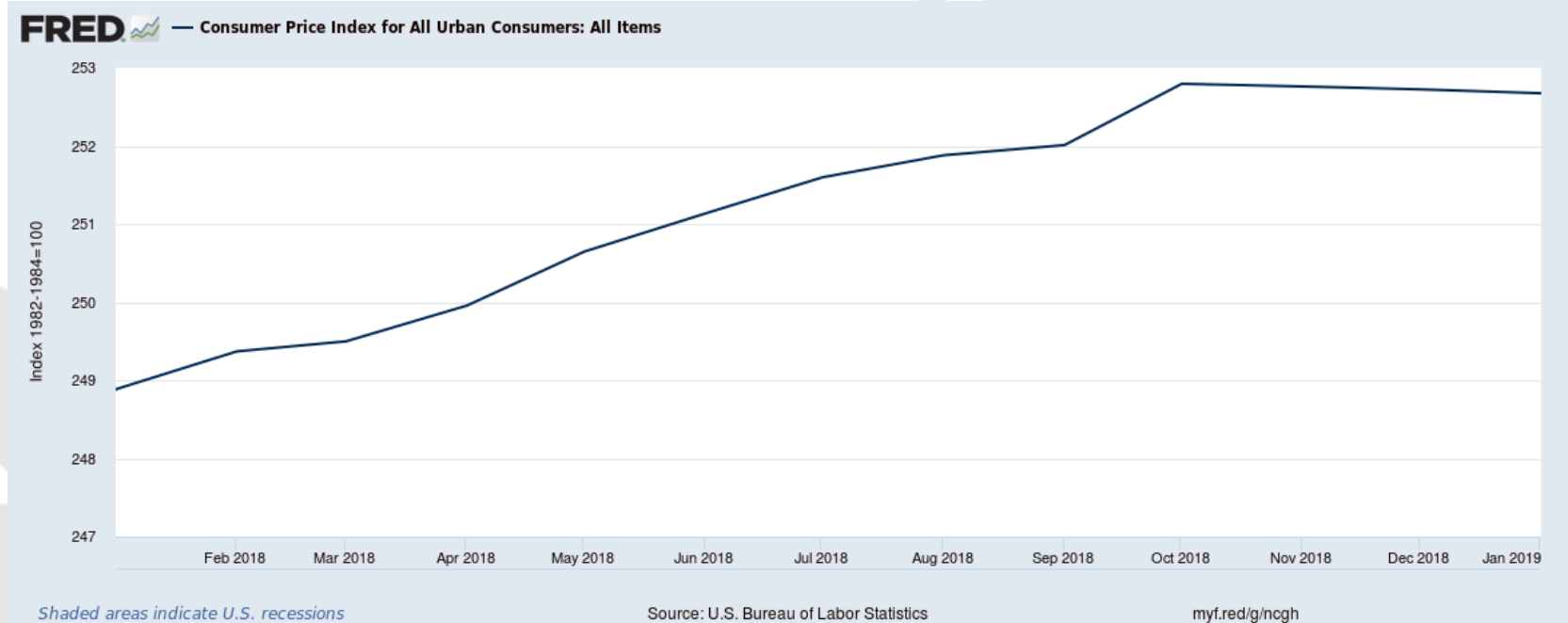
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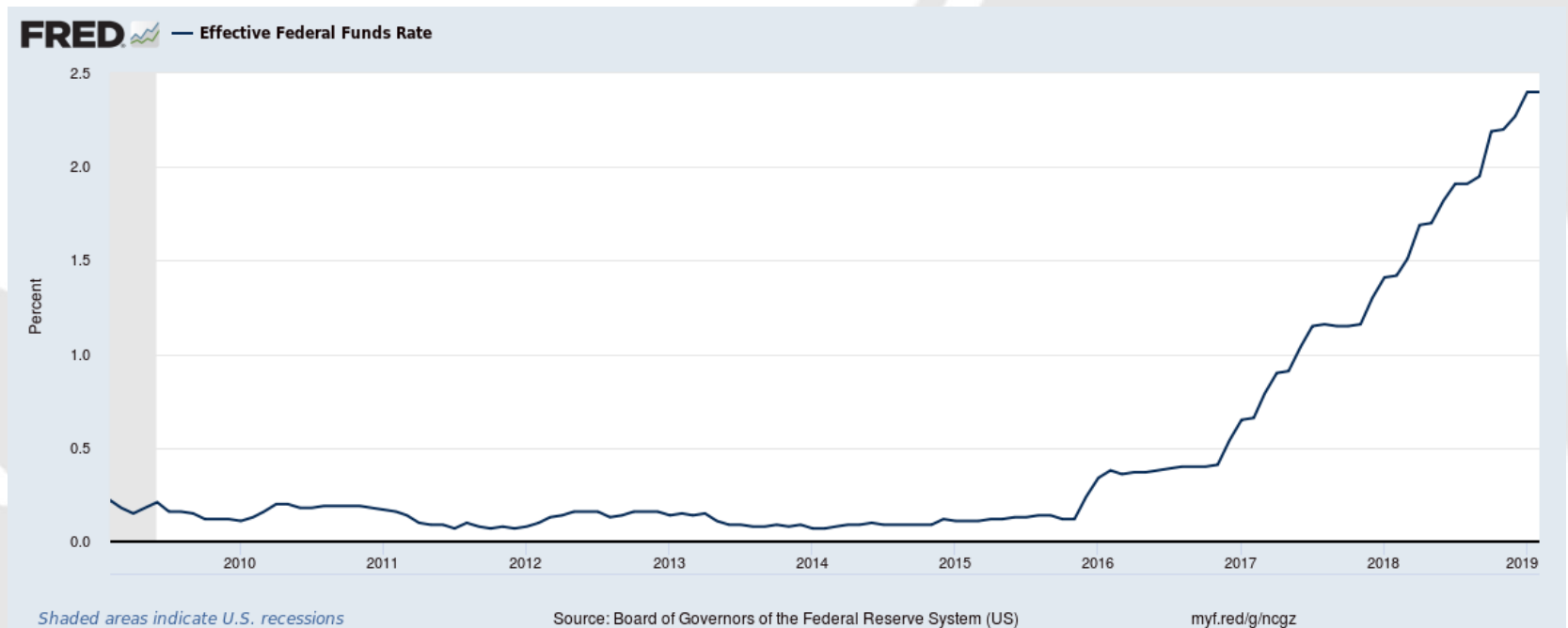
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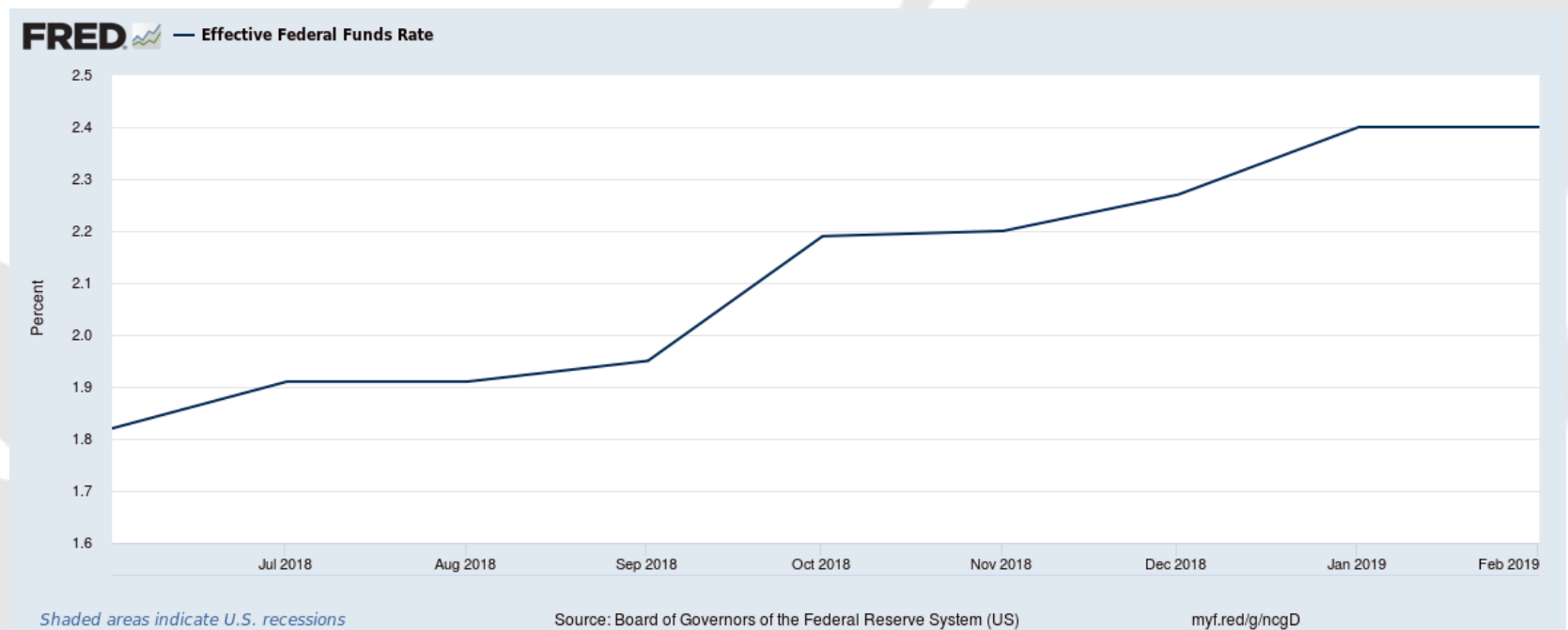
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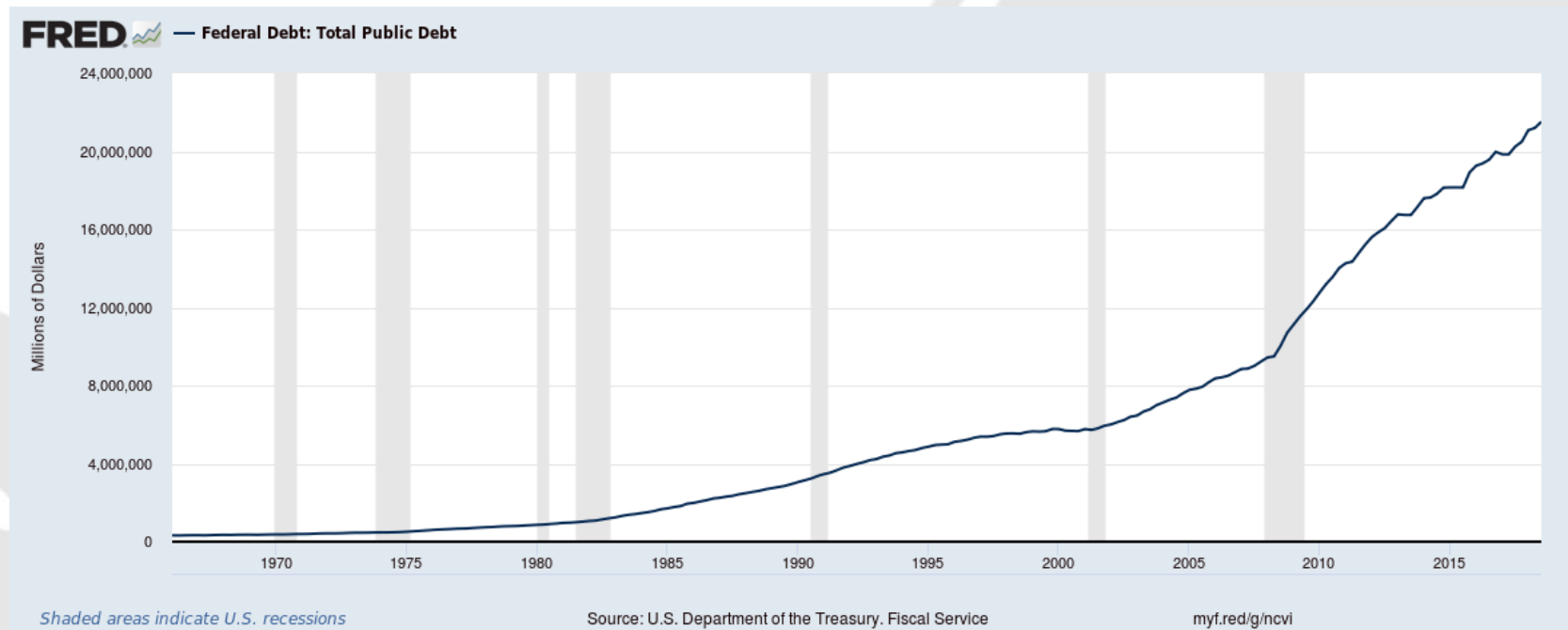
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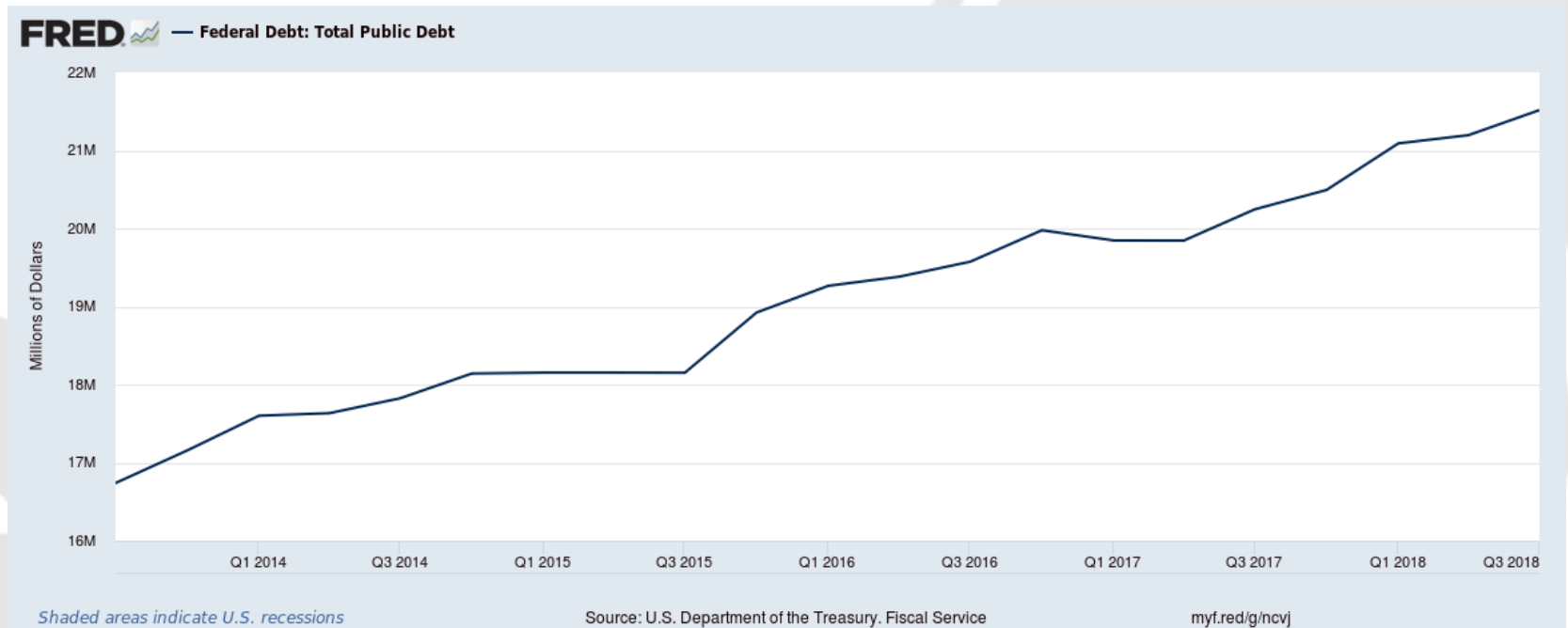
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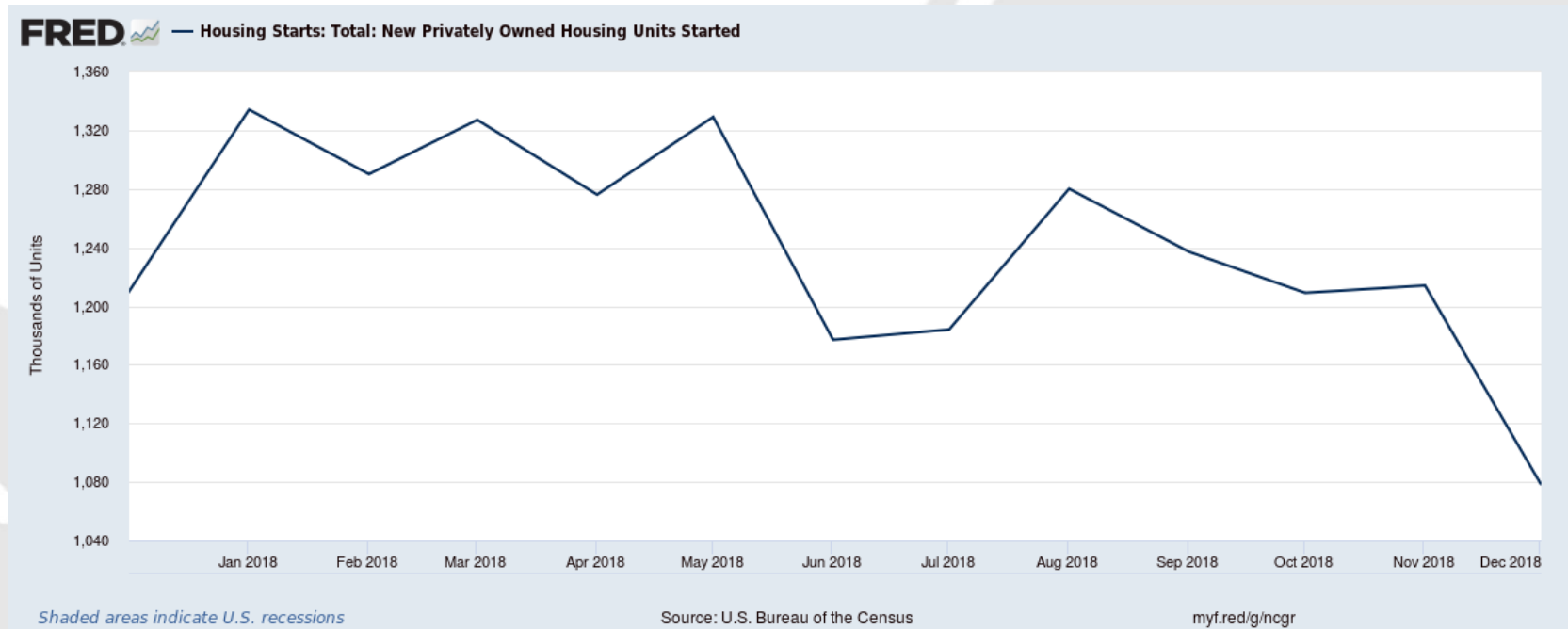
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What to Watch Out For

The housing market—showing some signs of cooling.

Chinese and European economies.

Trade wars, tariffs, and trade talks.

Stability and predictability in U.S. government actions.

And, of course, the most important “news” media of the day....

Sayeed R. Mehmood, PhD

Associate Professor

Natural Resource Economics

School of Environment and Natural Resources

2021 Coffey Road
Columbus, OH 43210

Phone: (614) 688 2211

Email: mehmood.9@osu.edu



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