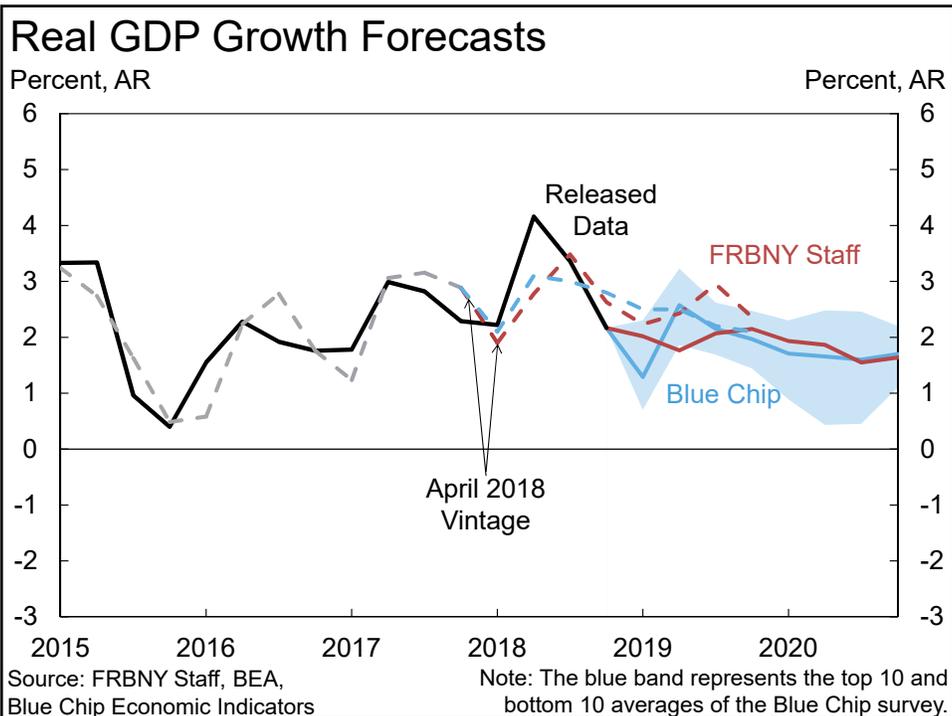


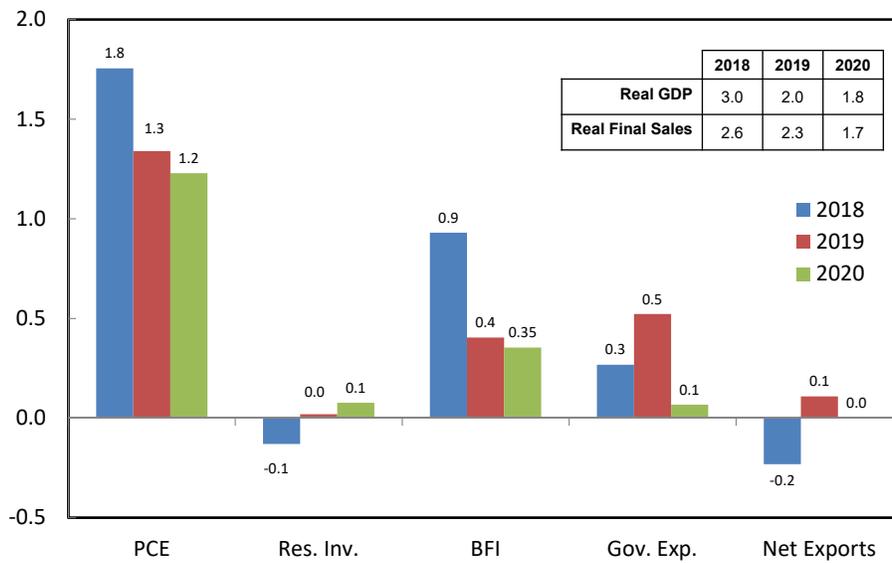
Staff GDP Forecast Summary

- Real growth: about 2.0% (Q4/Q4) in 2019 and 1.8% in 2020.
 - Forecast for 2019 weaker than the one presented at April 2018 EAP.
 - Forecasts for 2019 and 2020 similar to Blue Chip consensus.
- Key factors underlying the forecast:
 - Positives:**
 - Strength in labor market and household balance sheets.
 - Sharp rebound in financial conditions from December 2018 levels.
 - Near-term path of government spending.
 - Negatives:**
 - Weak final domestic demand entering 2019.
 - Weaker global outlook; geopolitical and trade uncertainty.
 - High nonfinancial corporate debt.
 - Waning impetus from tax cuts.



GDP Growth Contributions

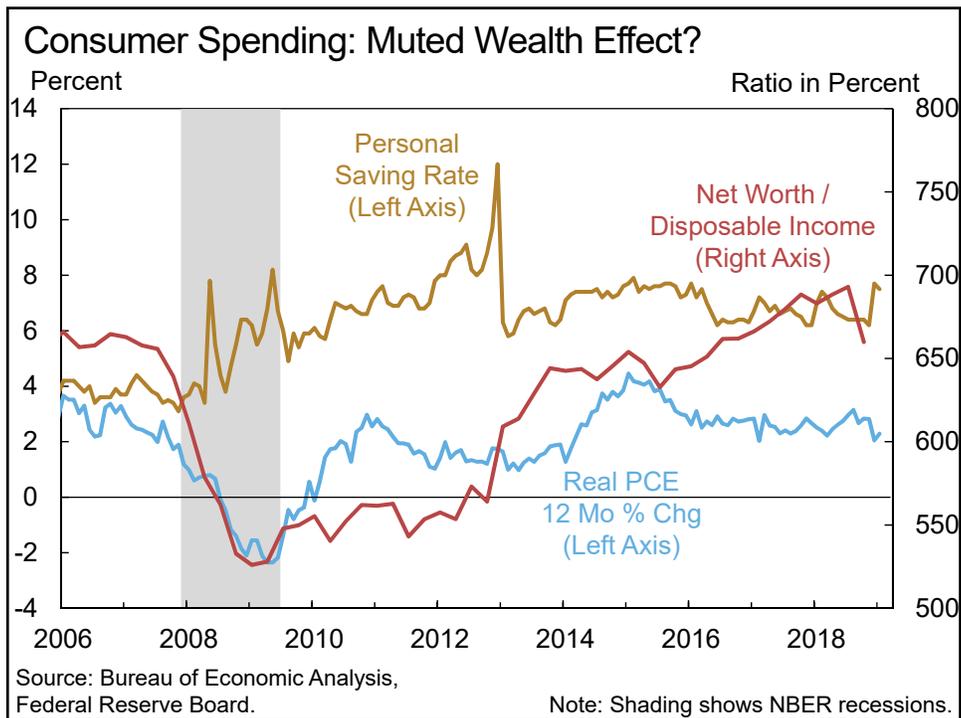
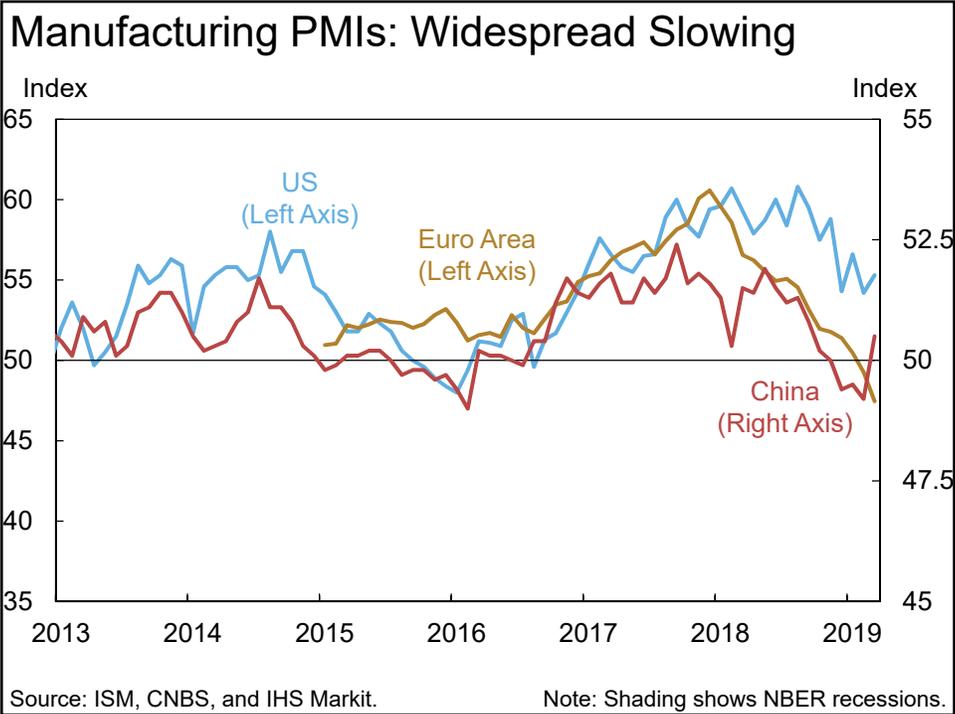
Percent



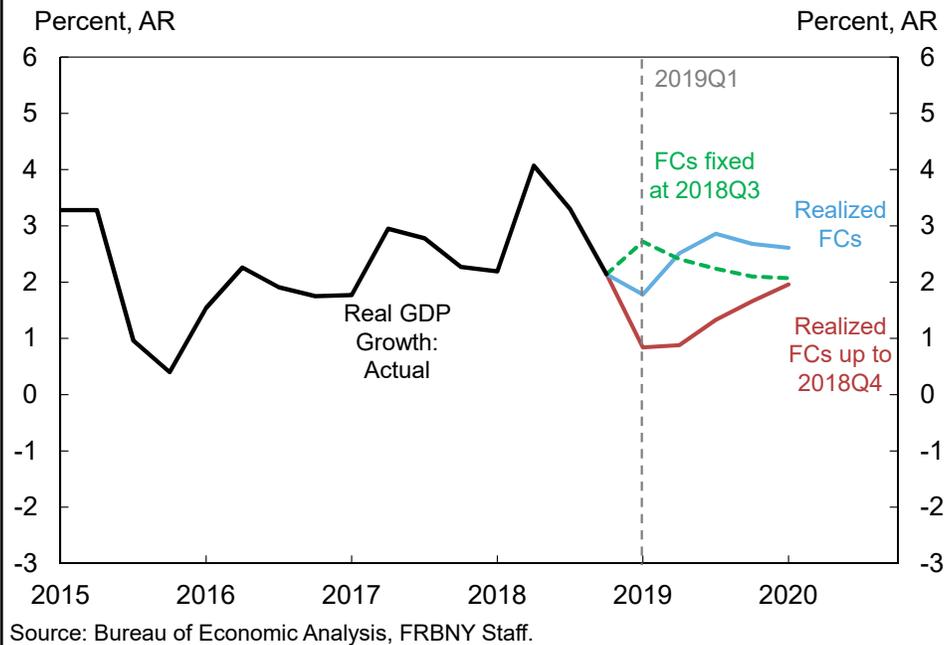
Source: Bureau of Economic Analysis, FRBNY Staff.

Fiscal Impetus

- Tax cuts helped to boost PCE and BFI in 2018.
- In 2019, impetus primarily through spending.
- Fiscal impetus essentially neutral in 2020.



Projected Growth Under Alternative Financial Conditions

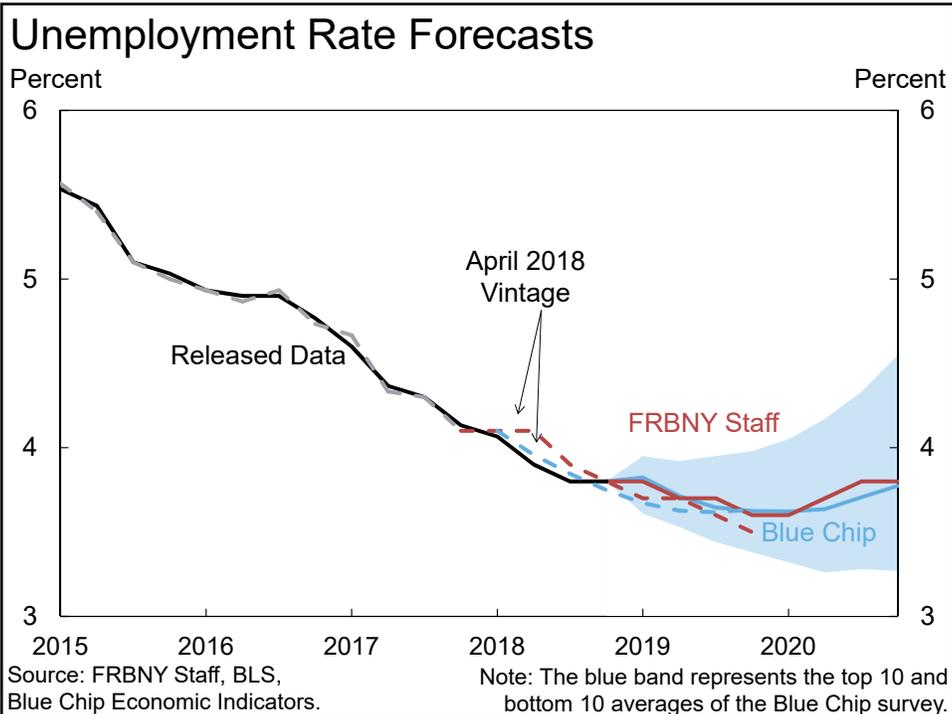


Financial Conditions: Limited Anticipated Impact on GDP

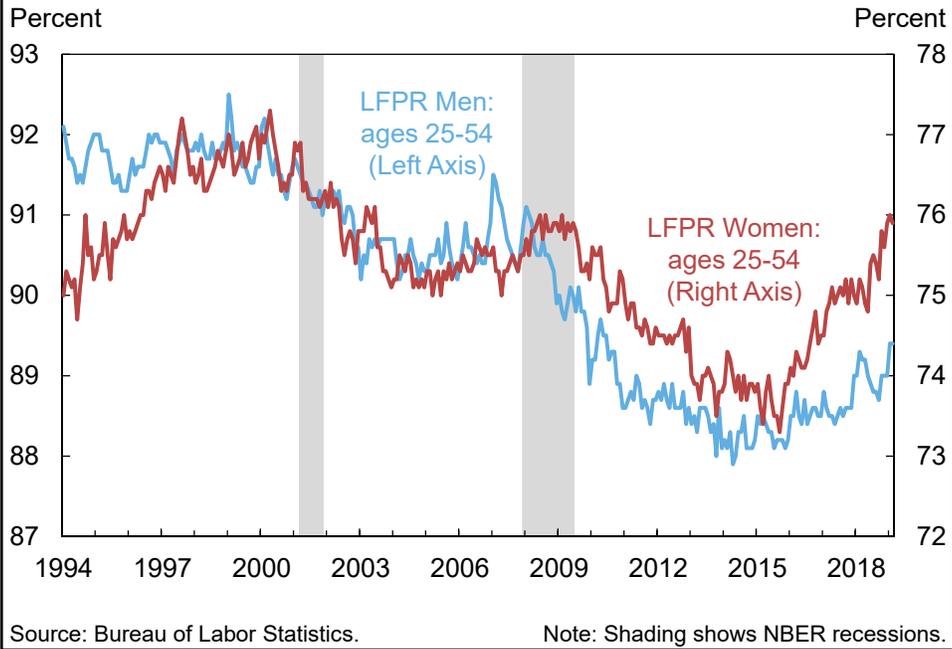
- BVAR scenarios for real GDP growth rate
 - Financial conditions (FCs) measured using 10-year Treasury yields, BAA spreads, and S&P 500 index.
- Other factors affecting the forecast:
 - High ratio of nonfinancial corporate debt to GDP.
 - Household debt at moderate levels.
 - Bank lending standards tightened somewhat in 2018:Q4.

Staff Unemployment Rate Forecast Summary

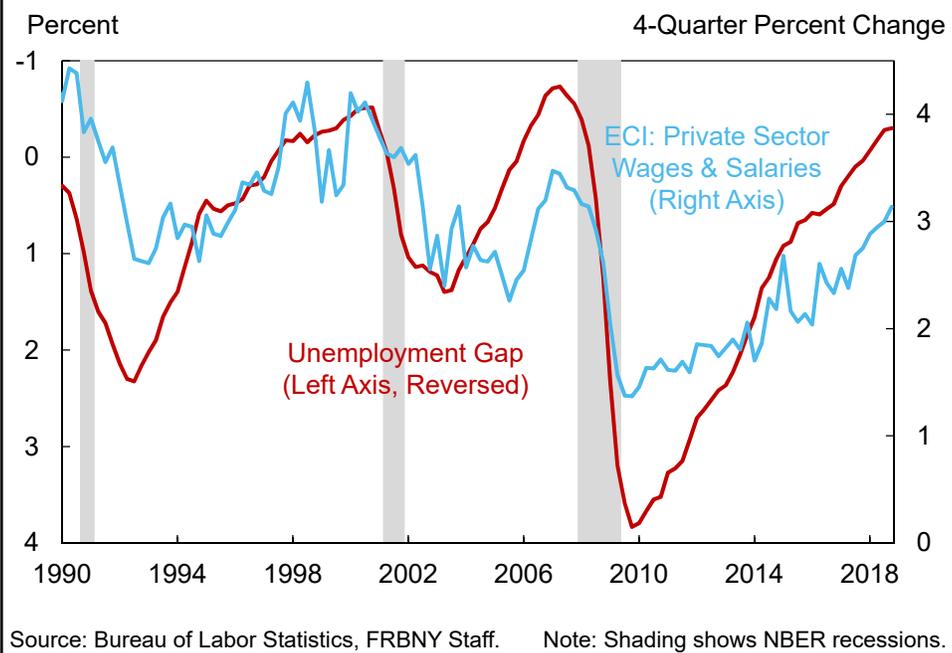
- Growth above potential contributes to unemployment rate of 3.6% at end-2019 and 3.8% at end-2020.
 - Projected path slightly higher than that presented at April 2018 EAP.
 - Staff projection similar to Blue Chip consensus.
- Key factors underlying this forecast:
 - Population (prime-age workers) growth around 1% (0.5%).
 - Productivity growth somewhat below assumed trend rate of 1.25% on a GDP-basis.
 - Participation rate flat over 2019 - 2020.
 - Average weekly hours little changed (34.5).



Pick Up in Prime Age Labor Force Participation

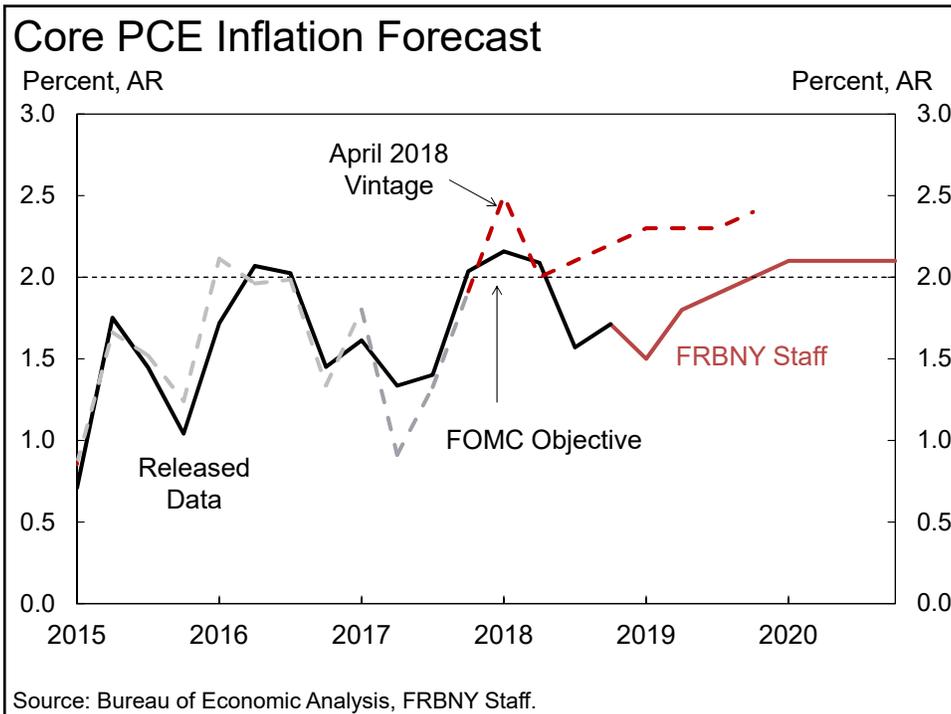


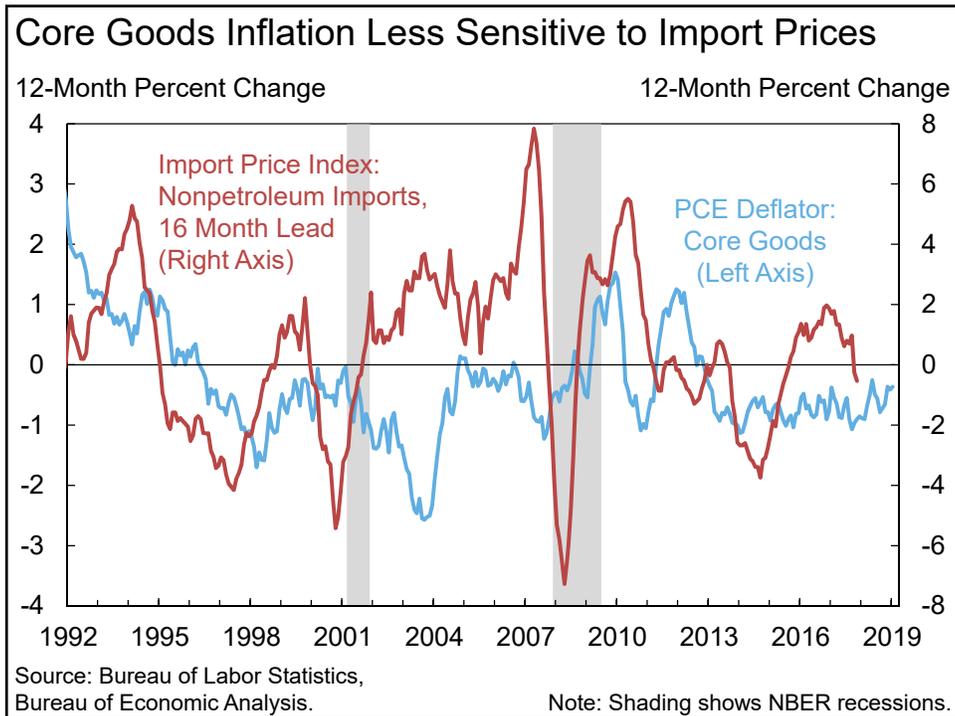
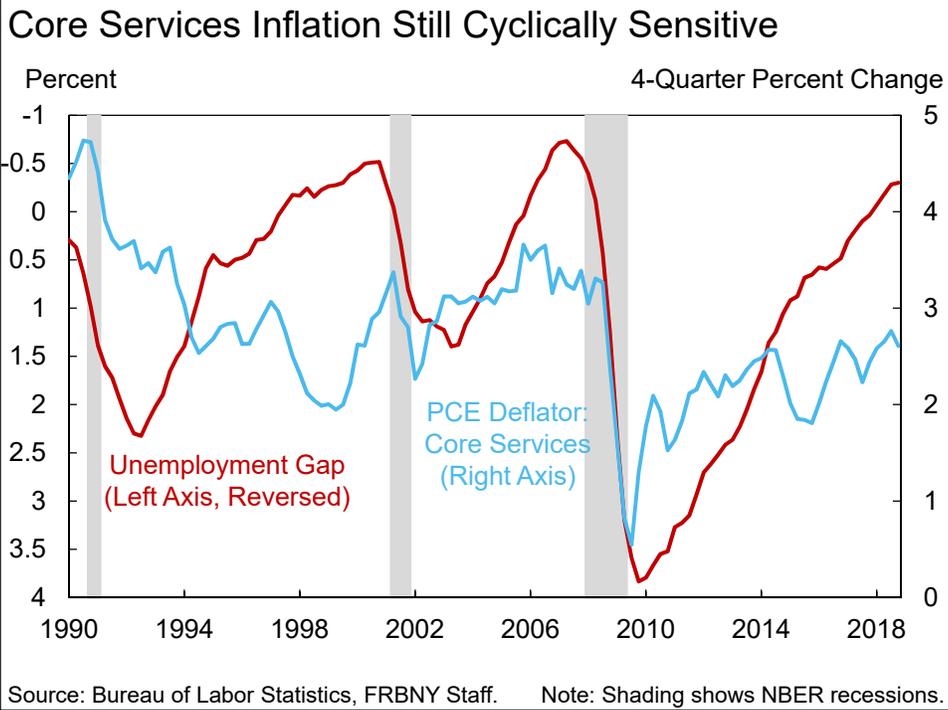
Compensation Growth Higher with Tighter Labor Market



Staff Inflation Forecast Summary

- Inflation anticipated to be slightly above FOMC's longer-run goal by 2020.
 - Core PCE inflation projected to be about 1.8% in 2019 and 2.1% in 2020. Same projection for total PCE inflation.
- Key factors underlying this projection:
 - Well-anchored longer-run inflation expectations.
 - Tight labor market provides a small boost to core inflation.





Risks to FRBNY Staff Real Activity Outlook

- Risks to staff growth forecast are tilted slightly to the downside.

Upside:

- Positive resolution of geopolitical and trade tensions.
- Further pickup in business and consumer optimism.

Downside:

- Tightening of financial conditions redux.
- Greater spillovers from slowing global growth.

- Uncertainty around outlook remains quite high.

Risks to FRBNY Staff Inflation Outlook

- Risks to staff inflation forecast also tilted slightly to the downside.

Upside:

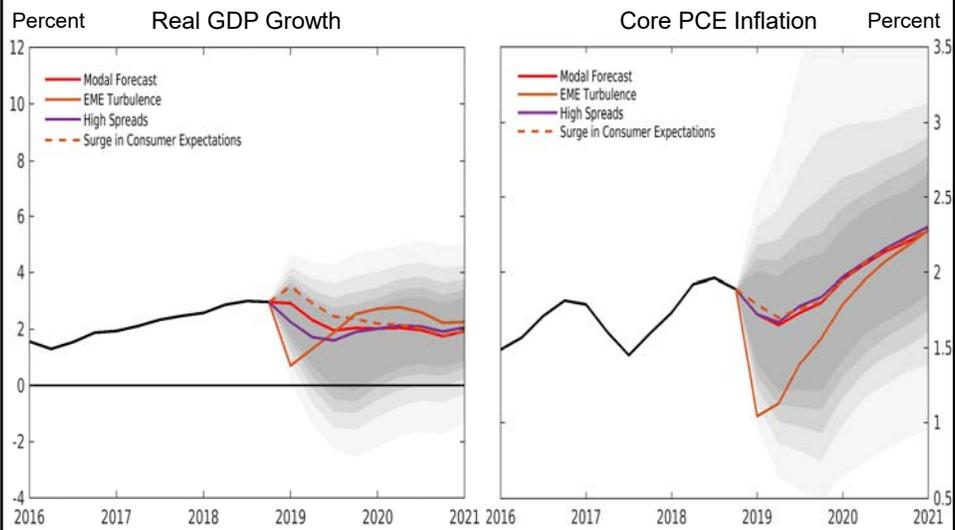
- Aggregate demand pressure pushes inflation higher more quickly than anticipated.

Downside:

- Inflation expectations may be below levels consistent with 2 percent after long period of below-2 percent inflation.
- Spillovers from weak global demand.

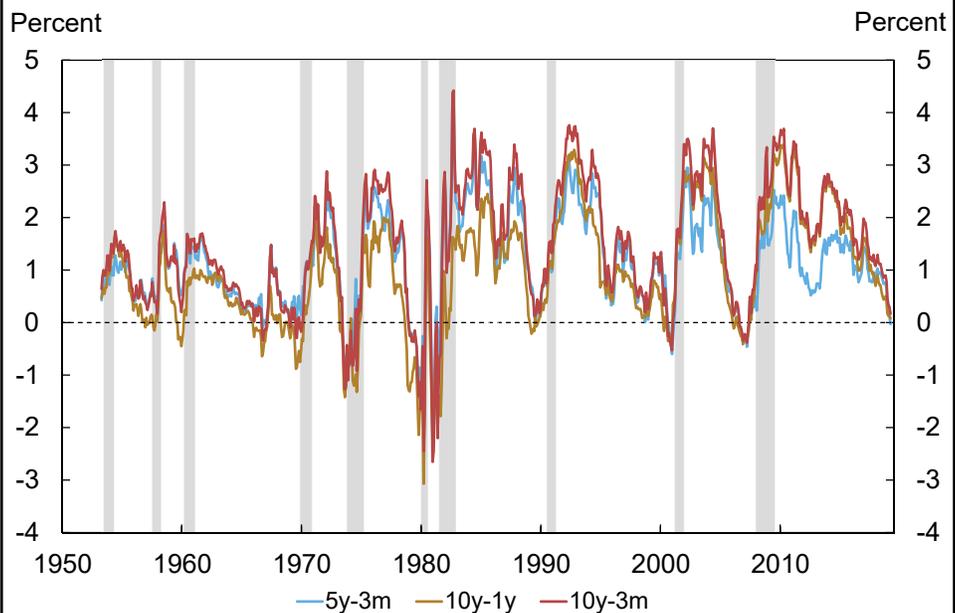
- Uncertainty around inflation outlook near historical levels.

Growth and Inflation Under Alternative Scenarios



Source: BVAR scenarios. FRBNY Staff.

Information From Flatter Treasury Yield Curve?



Source: Federal Reserve Board.

Note: Shading shows NBER recessions.

Reference Slides



Staff Forecast Details

	2018 Q4	2019 Q1	2019 Q2		2018 Q4/Q4	2019 Q4/Q4	2020 Q4/Q4
Summary	<i>Actual</i>	4/3	4/3		<i>Actual</i>	4/3	4/3
Real GDP	2.2	2.0	1.8		3.0	2.0	1.7
Total PCE Deflator	1.5	0.8	1.7		1.9	1.8	2.1
Core PCE Deflator	1.8	1.5	1.8		1.9	1.8	2.1
Nonfarm Business Sector							
Output	3.1	2.3	2.0		3.5	2.3	1.9
Hours	1.2	1.3	0.7		1.9	1.2	0.7
Productivity Growth	1.9	1.0	1.3		1.6	1.1	1.2
Compensation	3.9	3.3	3.5		2.8	3.6	3.8
Unit Labor Costs	2.0	2.3	2.2		1.0	2.5	2.6
Real GDP Growth Contributions**							
Final Sales to Domestic Purchasers	2.1	1.6	2.7		2.8	2.3	1.7
Private	2.2	1.1	2.1		2.6	1.8	1.7
Consumption	1.7	0.5	1.8		1.8	1.3	1.2
BFI: Equipment	0.4	0.2	0.1		0.3	0.1	0.1
BFI: Nonresidential Structures	-0.1	0.1	0.0		0.1	0.0	0.0
BFI: Intellectual Property Products	0.5	0.2	0.2		0.4	0.2	0.2
Residential Investment	-0.2	0.1	-0.1		-0.1	0.0	0.1
Government	-0.1	0.6	0.6		0.3	0.5	0.1
Federal	0.1	0.2	0.5		0.2	0.4	0.0
State and Local	-0.1	0.3	0.1		0.1	0.2	0.1
Inventory Investment	0.1	-0.5	-0.9		0.4	-0.3	0.0
Net Exports	-0.1	0.9	0.0		-0.2	0.1	0.0
Exports	0.2	0.8	0.2		0.3	0.3	0.4
Imports	-0.3	0.1	-0.2		-0.5	-0.3	-0.4

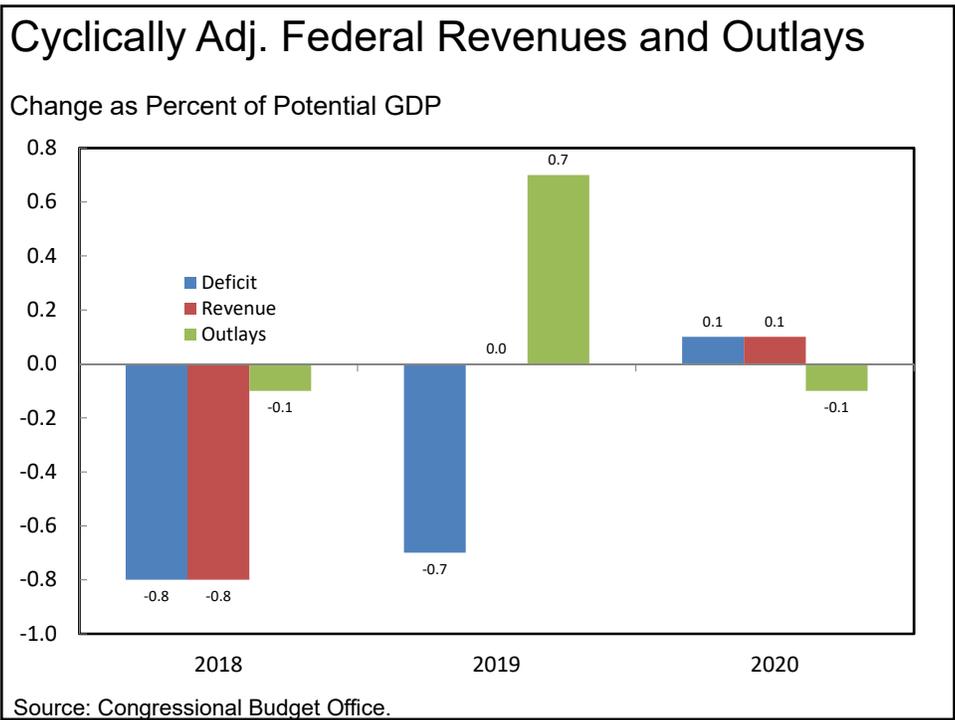
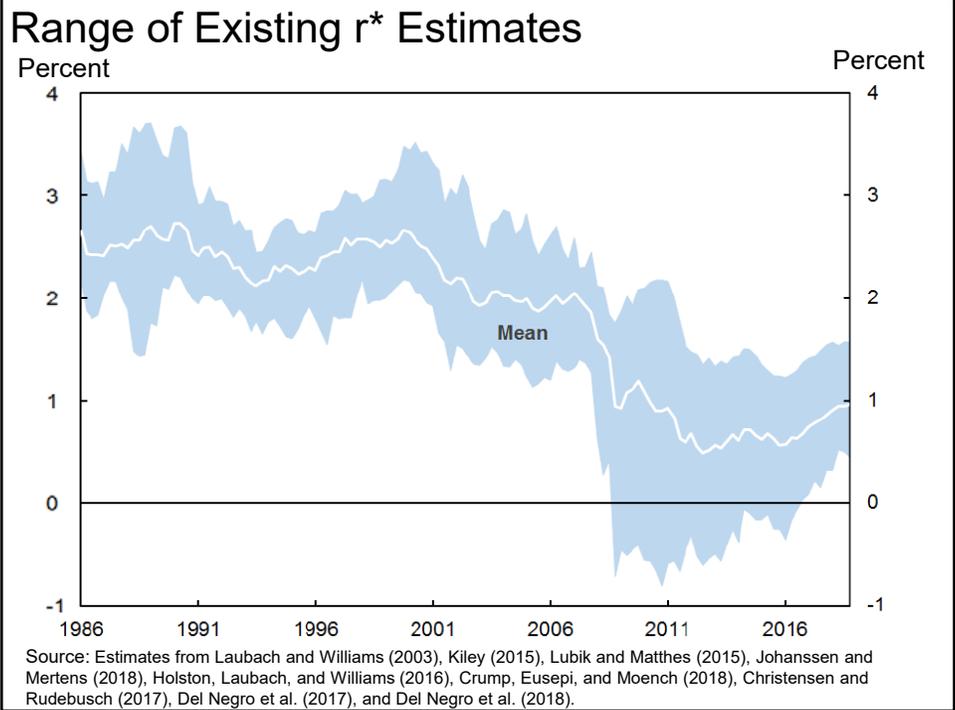
	2018 Q4	2019 Q1	2019 Q2		2018 Q4/Q4	2019 Q4/Q4	2020 Q4/Q4
Real GDP Components' Growth Rates							
Final Sales to Domestic Purchasers	2.1	1.6	2.6		2.7	2.2	1.7
Consumption	2.5	0.8	2.6		2.6	2.0	1.8
BFI: Equipment	6.6	3.0	2.0		5.8	2.2	2.0
BFI: Nonresidential Structures	-3.9	2.0	1.0		4.9	1.2	1.5
BFI: Intellectual Property Products	10.7	5.0	5.0		10.2	5.0	4.0
Residential Investment	-4.7	2.0	-1.8		-3.3	0.5	2.0
Government: Federal	1.1	3.7	8.4		2.7	5.5	0.2
Government: State and Local	-1.3	3.1	1.0		0.8	1.5	0.5
Inventory Investment	n/a	n/a	n/a		n/a	n/a	n/a
Net Exports	n/a	n/a	n/a		n/a	n/a	n/a
Exports	1.8	6.7	1.4		2.3	2.7	3.6
Imports	2.0	-0.4	1.2		3.4	1.7	2.8
Labor Market							
Nonfarm Payroll Employment (Average per Month, Thousands)	216	141	131		221	148	82
Unemployment Rate***	3.8	3.9	3.8		3.8	3.6	3.8
Income							
Real Disposable Personal Income	4.3	2.8	1.2		3.3	1.7	1.3
Personal Saving Rate***	6.8	7.2	6.8		6.8	6.3	5.6

*End-of-period value

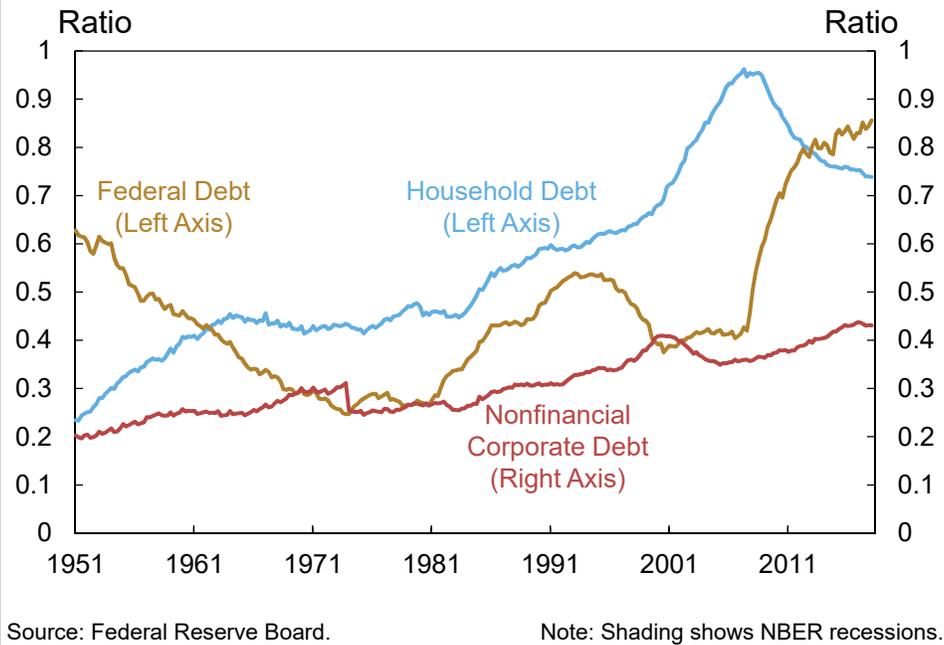
**Growth contributions may not sum to total due to rounding.

***Quarterly values are the average rate for the quarter. Yearly values are the average rate for Q4 of the listed year.

Blue and *italic* text indicate released data;



Debt to GDP Ratios



Bank Lending Standards

