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## THE U.S. AND MICHIGAN OUTLOOK FOR 2019–2021

PREPARED FOR PRESENTATION AT THE CONSENSUS REVENUE ESTIMATING CONFERENCE

> LANSING, MICHIGAN MAY 17, 2019

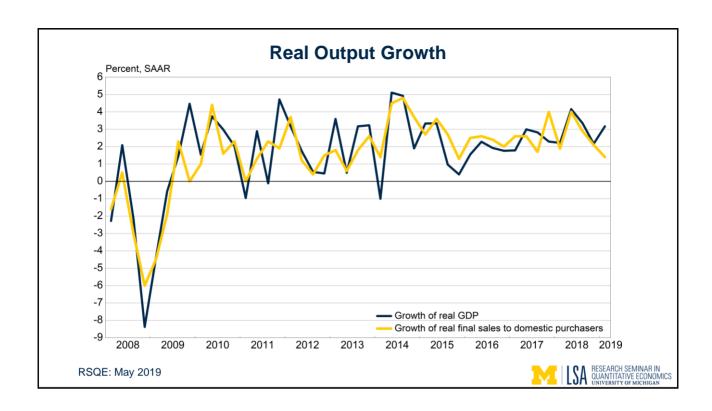
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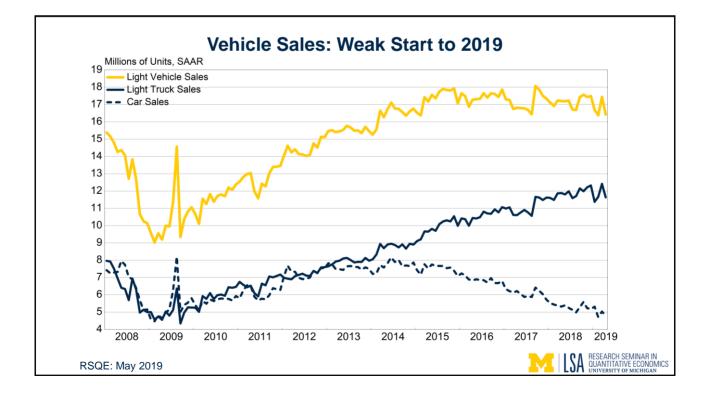
JACOB BURTON GABRIEL EHRLICH DANIIL MANAENKOV MICHAEL MCWILLIAMS ADITI THAPAR

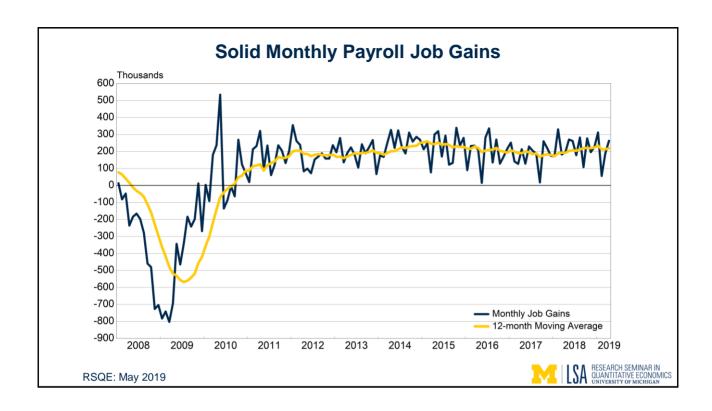
"The Michigan Model"

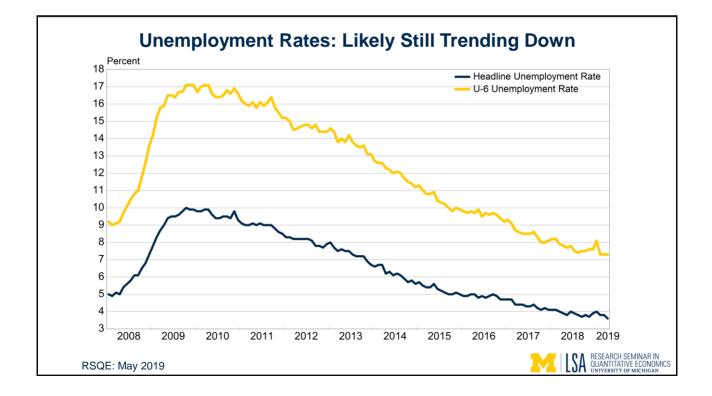


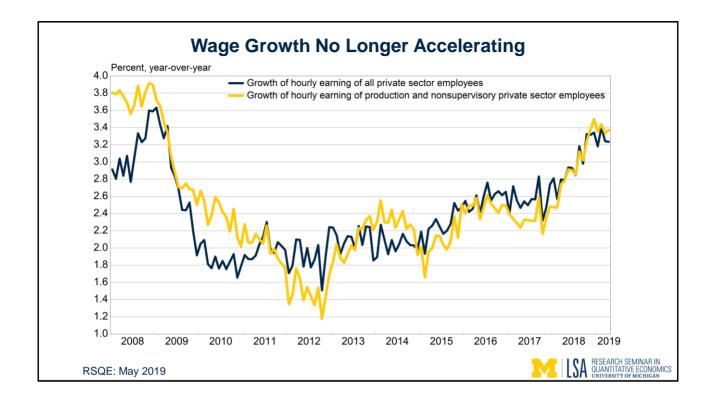


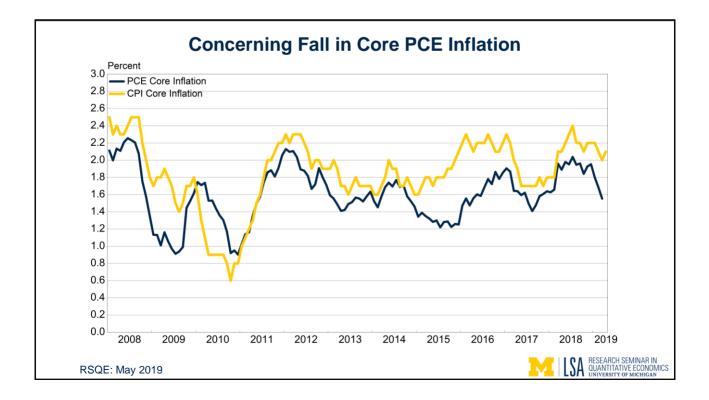




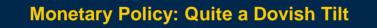






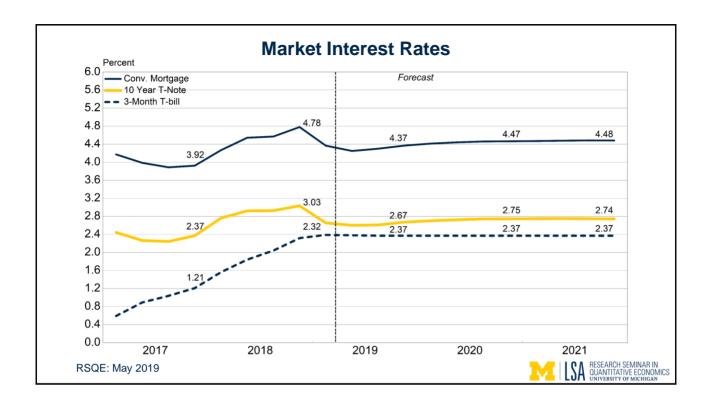


# **Key Inputs into the Forecast**



- >Latest fed funds 25bps rate range hike in December 2018
- New key information since then: core inflation slowed, labor market still strong with a hint of weakness
- Major changes in expected policy path since December:
  - December '18 "dot plot": Three more 25bps hikes in 2019–2021
  - March '19 "dot plot": No hikes in 2019, one more 25bps hike in 2020-2021
- Fed to stop winding down its balance sheet by September
- Markets see a high chance of two 25bps rate <u>cuts</u> in 2019–2020.
- >We project flat fed funds rate path for 2019–2021

RSQE: May 2019



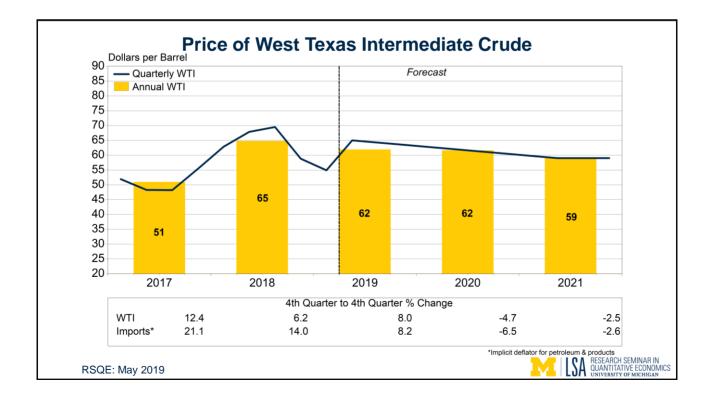
## **Fiscal Policy**

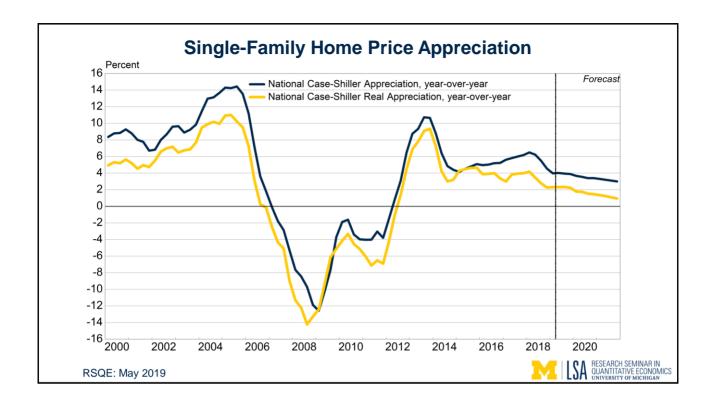
- No major legislation expected from Congress
  - Infrastructure deal talks are in very early stages
  - Judicial action with fiscal implications possible: Obamacare challenge
- Budget Control Act of 2011 still in place for fiscal 2020–2021:
  - \$120 billion in sequestration cuts without Congressional action
- >Debt ceiling reinstated on March 2nd.
  - "Extraordinary measures" can last until September-October, per CBO
- NIPA government spending still ramping up due to fiscal 2018–2019



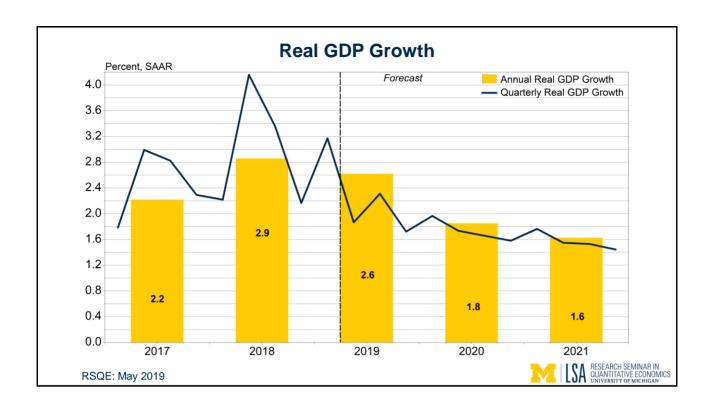


Fede	ral Budget, I	NIPA Ba	sis			
	(Billions of Do	llars)				
		-	FY Forecast			
	2017	2018	2019	2020	2021	
Current receipts	3554.0	3491.4	3593.5	3737.3	3918.7	
% change	2.3	-1.8	2.9	4.0	4.9	
Current expenditures	4218.1	4423.3	4688.2	4905.5	5123.3	
% change	2.8	4.9	6.0	4.6	4.4	
Consumption	981.7	1019.9	1070.3	1108.2	1129.6	
% change	1.9	3.9	4.9	3.5	1.9	
Transfer payments	2707.4	2809.1	2980.1	3117.6	3246.5	
% change	2.7	3.8	6.1	4.6	4.1	
Surplus (+) or deficit (-)	-664.1	-931.9	-1094.7	-1168.2	-1204.7	
Percent of GDP	-3.4	-4.6	-5.2	-5.3	-5.3	
RSQE: May 2019				M	ISA RESEARCH S	









Contributions to the Growth of Real GDP (Average quarterly contributions, percentage points at annual rate)									
	'19Q1	'19Q2	'19H2	'20	'21				
Real GDP (% change, AR)	3.2	1.9	2.0	1.7	1.6				
Contributions to real GDP growth									
Final sales to domestic purchasers	1.5	2.6	2.4	2.0	1.9				
Consumption	0.8	1.9	1.5	1.5	1.4				
Nonresidential fixed investment	0.4	0.2	0.5	0.4	0.3				
Residential investment	-0.1	-0.1	0.0	0.1	0.1				

0.4

1.0

0.6

0.6

0.1

-0.8

0.2

-0.2

-0.2

0.1

-0.2

-0.1

0.1

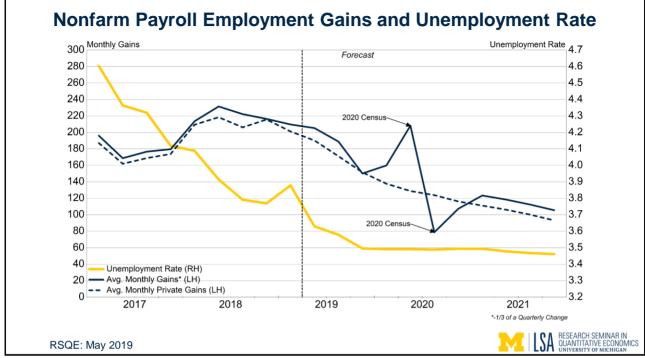
-0.2

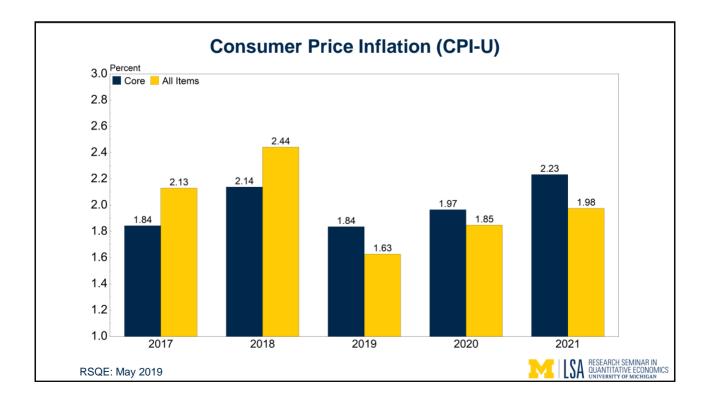
-0.0

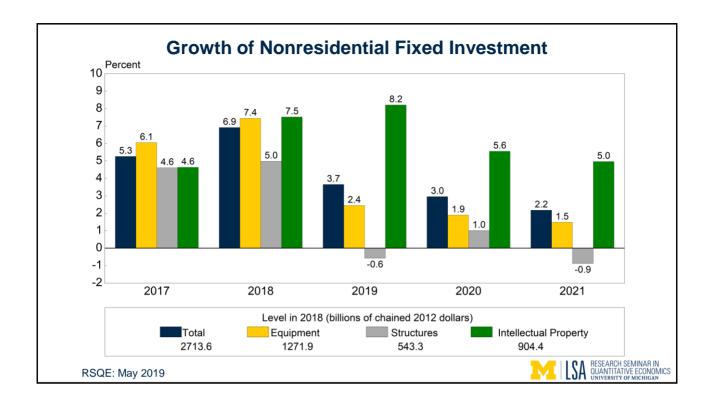
Net exports

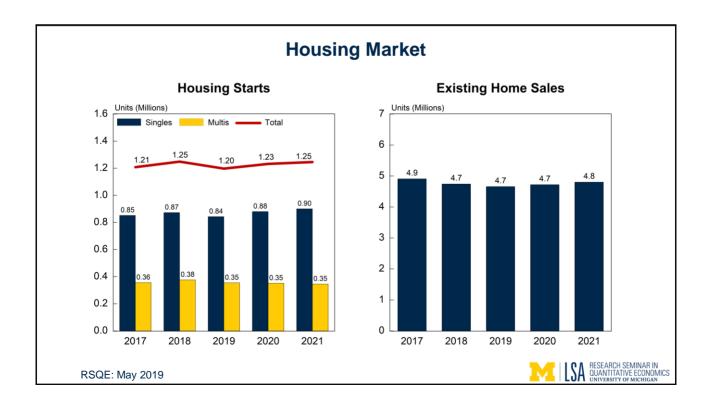
**Government purchases** 

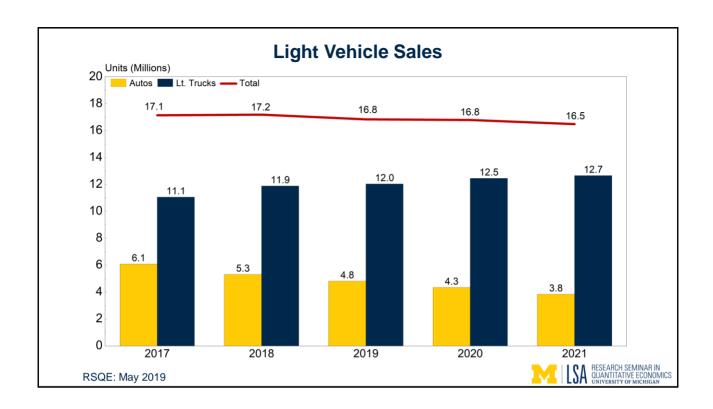
Inventory investment











## **Risks to Our Outlook**

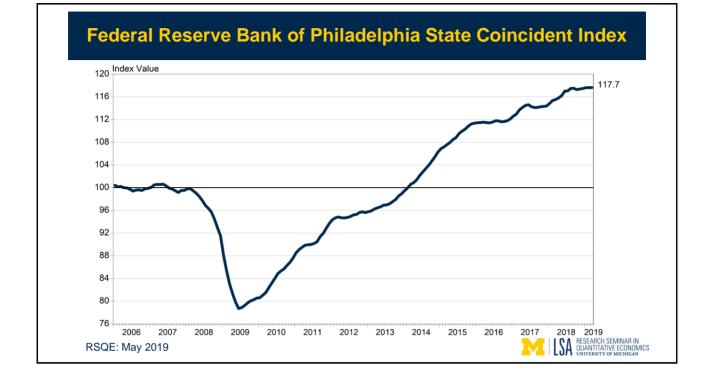
- Balance of risks tilted toward downside
- Trade policy and foreign growth
- >Oil prices and geopolitical risks
- Fiscal policy
- Monetary policy
- Abnormal weather

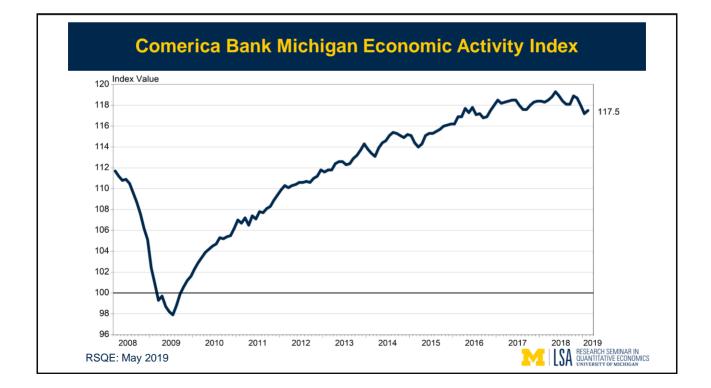
### RSQE: May 2019

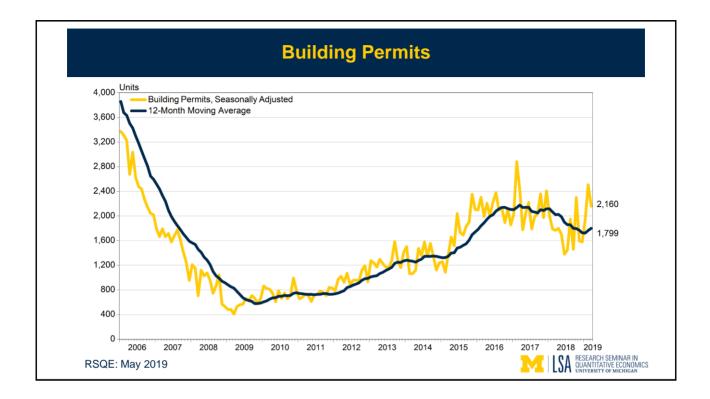
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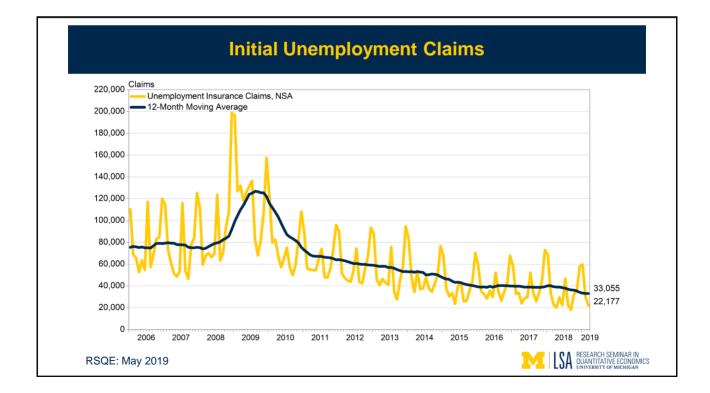












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