"Key Trends in the US Economy, the Industrial and the Rail Sectors"

# Sam Kyei Chief Economist

## SAK ECONOMICS

December 5, 2018



#### NATIONAL ASSOCIATION OF BUSINESS ECONOMICS

There are many exciting NABE events on the 2019 calendar, including some taking place in Seattle, WA



#### **Upcoming NABE Events**

#### **Conferences:**

- 35th Annual NABE Economic Policy Conference, February 27 March 1, 2019, Washington, DC
- 16th Annual NABE Foundation Economic Measurement Seminar, July 15-16, 2019, Washington, DC
- 9th Annual NABE Transfer Pricing Symposium, July 16-18, 2019, Washington, DC
- 61st NABE Annual Meeting, October 5 8, 2019, Denver, CO
- 3rd Annual NABE Tech Economics Conference (TEC2019), November 3-5, 2019, Seattle, WA

#### **CBE Courses:**

- Applied Econometrics, May 20-23, 2019, Seattle, WA
- Machine Learning & Data Science for Economists, November 6-7, 2019, Seattle, WA
- More at NABE.com/CBE

### **Certified Business Economist (CBE) Program**

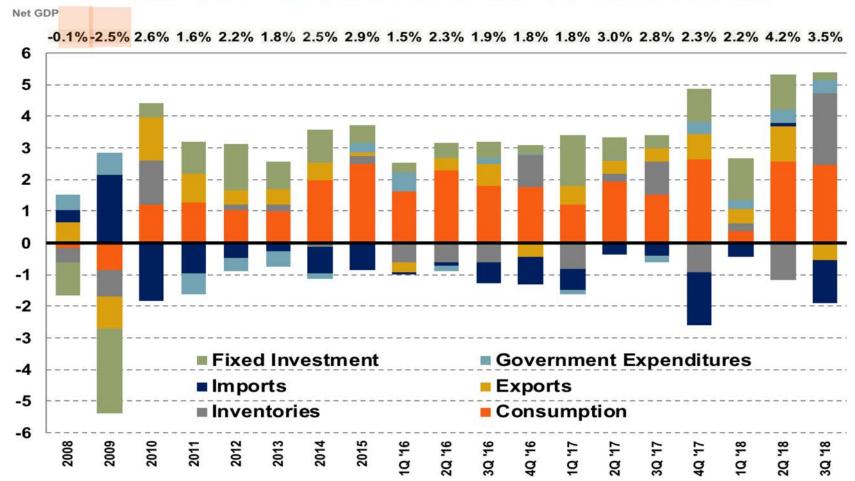
- CBE was designed by chief economists and leaders in the profession to fill the gap between an academic education and what is needed on the job
- Encompasses training and a comprehensive exam covering these areas:
  - Applied Econometrics
  - Business Applications of Statistics and Data Analytics
  - Economic Measurement
  - Economics of Strategy and Managerial Decision Making
  - Foundations of Macroeconomics/Microeconomics
  - Communications/Writing Skills
  - NEW! Machine Learning & Big Data for Economists

CBE practice exam, course calendar, exam dates, and more info at NABE.com/CBE

#### **U.S. ECONOMIC GROWTH**

Q3 real GDP growth was 3.5% q/q, but a careful look beyond the headlines reveals huge tariff-related inventory rebuilding

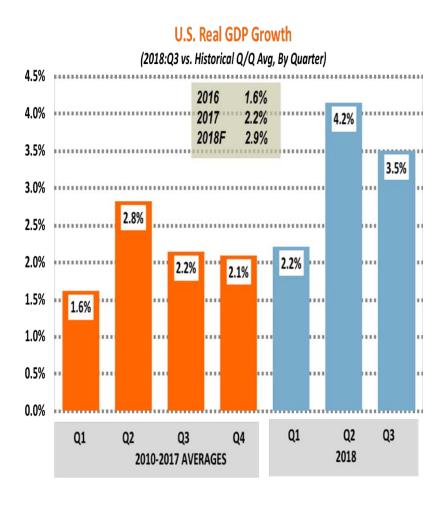
#### Real GDP Growth and its Contributions



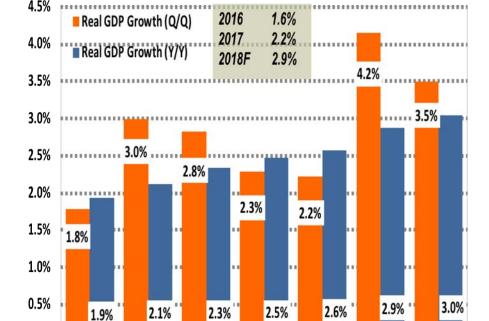
Source: U.S. Dept. of Commerce, Bureau of Economic Analysis, November 28, 2018

#### **U.S. ECONOMIC GROWTH**

Q3 real GDP growth was 3.5% q/q, but a careful look beyond the slower headline number reveals an economy gaining momentum



## U.S. Real GDP Growth (2017-2018 By Quarter)

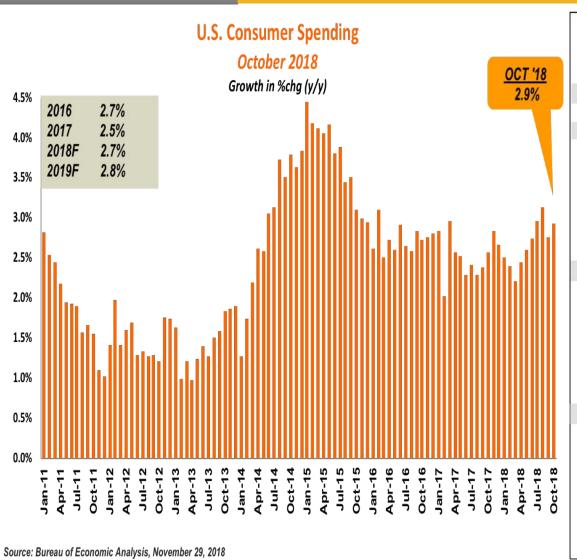


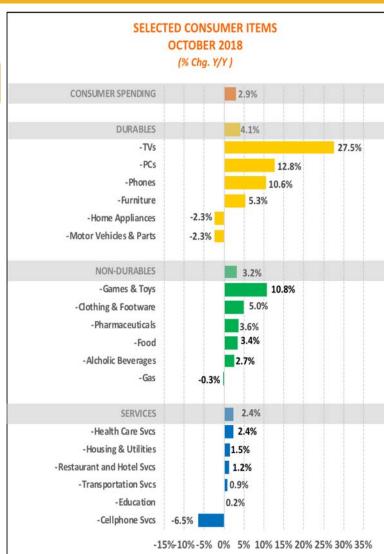
Source: IHS Markit, October 26, 2018

0.0%

#### THE CONSUMER SECTOR

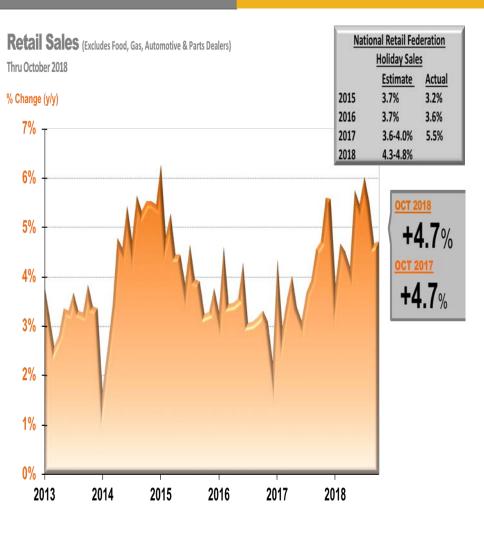
Consumer spending rose 2.9% y/y in Oct '18, reflecting double-digit spending growth for TVs, computers, phones, games & toys



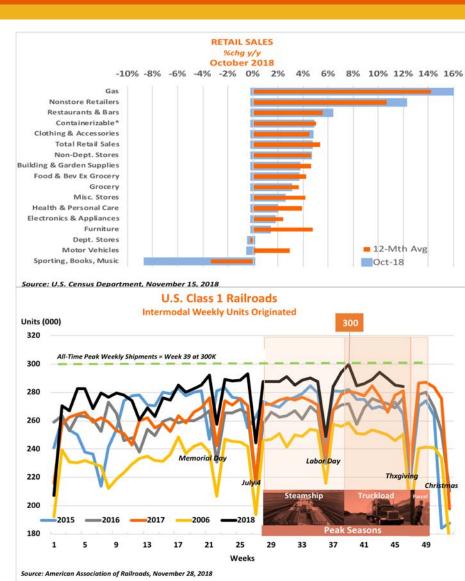


#### THE CONSUMER SECTOR

Oct '18 retail sales rose 4.7% y/y, reflecting consumer confidence and stimulus. The NRF estimate of 4.3-4.8% for holiday sales

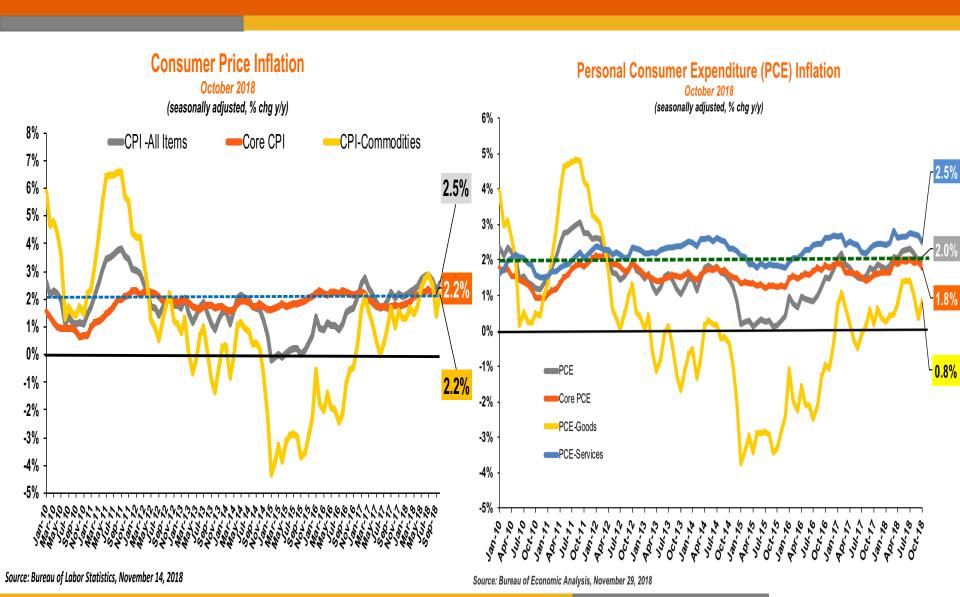


Source: U.S. Census Department--Seasonally Adjusted , November 15, 2018, NRF October 3, 2018



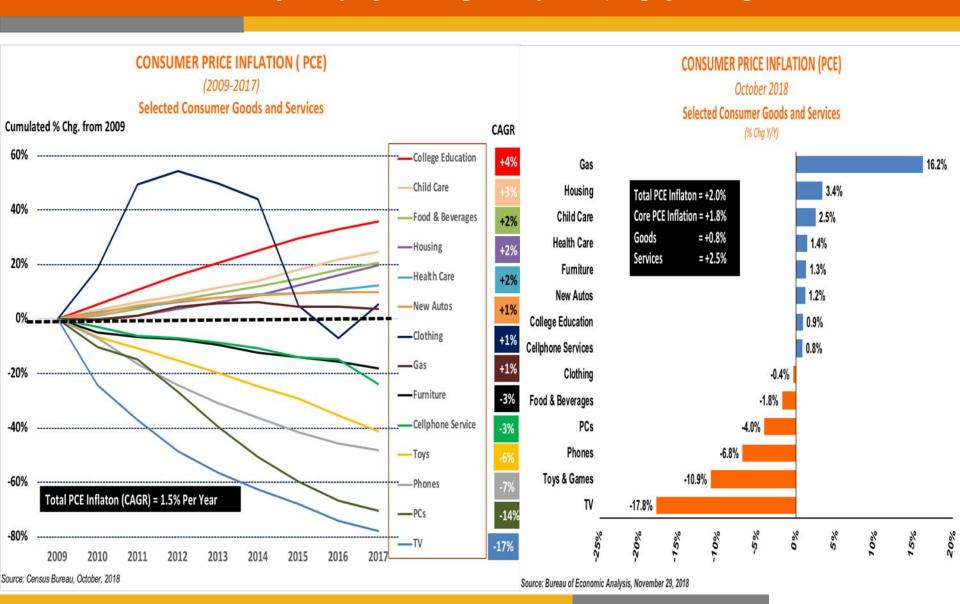
#### **CONSUMER INFLATION**

Core PCE inflation has stabilized at the Fed's 2% target for 7 of the last 8 months, reflecting lower import prices



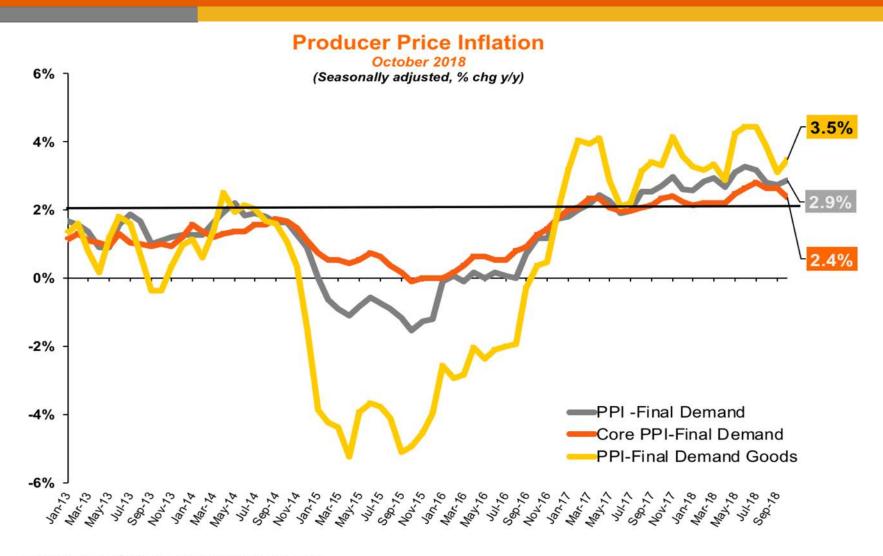
#### **CONSUMER INFLATION**

Consumer inflation has risen by 1.5% per year during this expansion, largely due to globalization



#### PRODUCER INFLATION

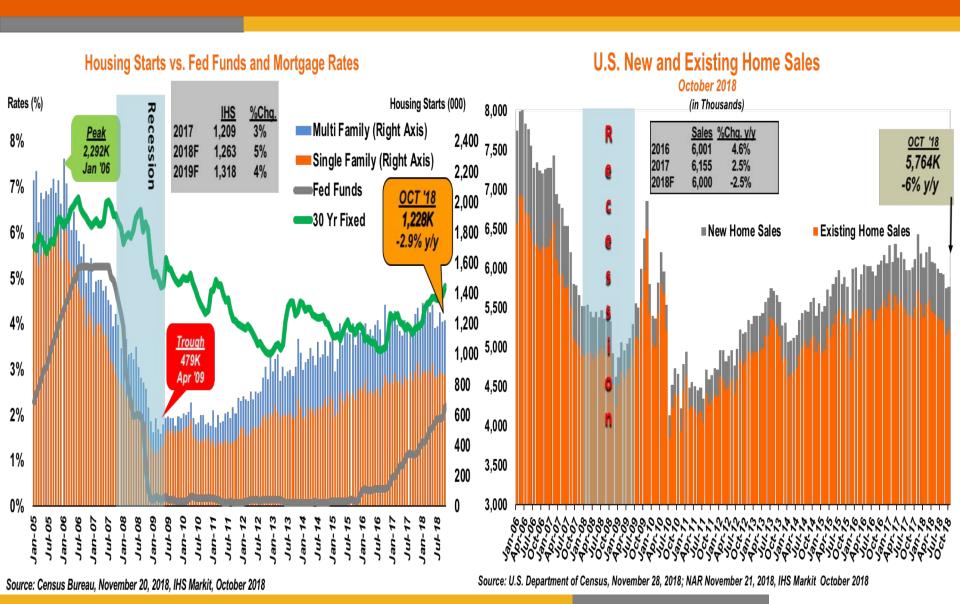
Producer inflation is running stronger than consumer inflation, due to higher input costs (not only for wages, but also material prices)



Source: Bureau of Labor Statistics, November 15, 2018

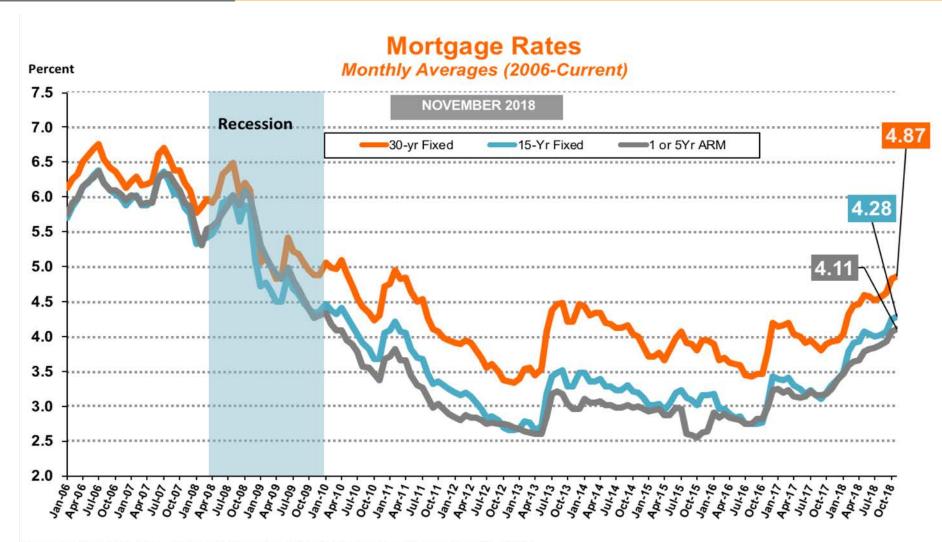
#### **HOUSING SECTOR**

The housing market is softening with rising rates. Both home construction and home sales are weakening, on a sequential basis



#### **HOUSING SECTOR**

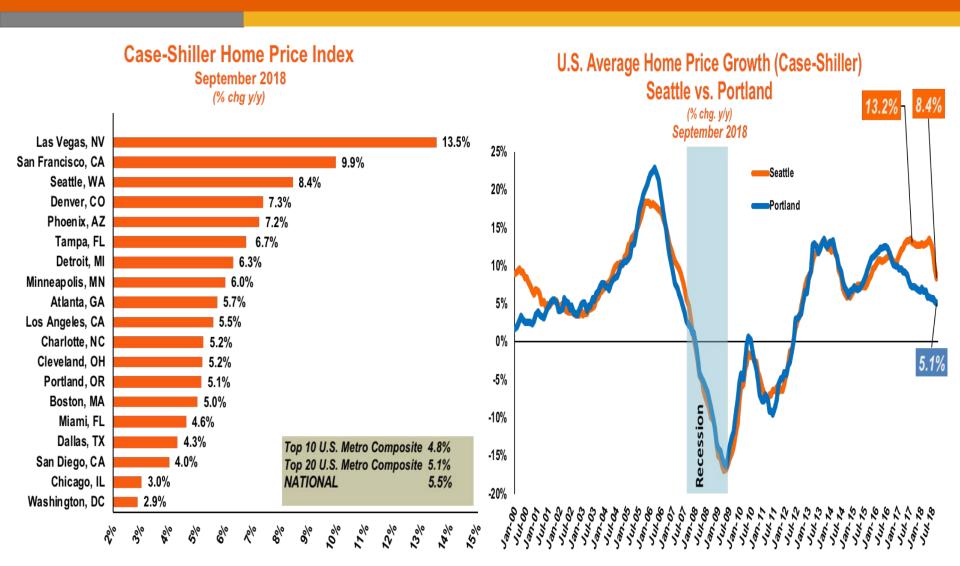
Mortgage rates have risen by over 100 basis points since the Nov '16 election, but they are still low by historical standards



Source: Freddie Mac, Primary Mortgage Market Survey, November 29, 2018

#### **HOUSING SECTOR**

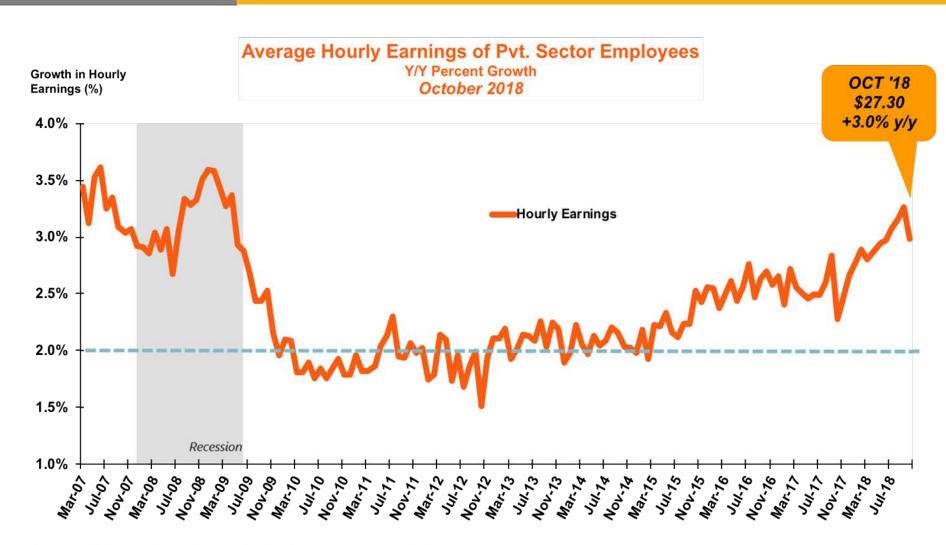
Home price gains slowed in Sep '18 for a 6th consecutive month. Sequential price growth slowed in many markets, including Seattle and Portland



Source: S&P Corelogic Case Shiller Home Price Index, November 27, 2018

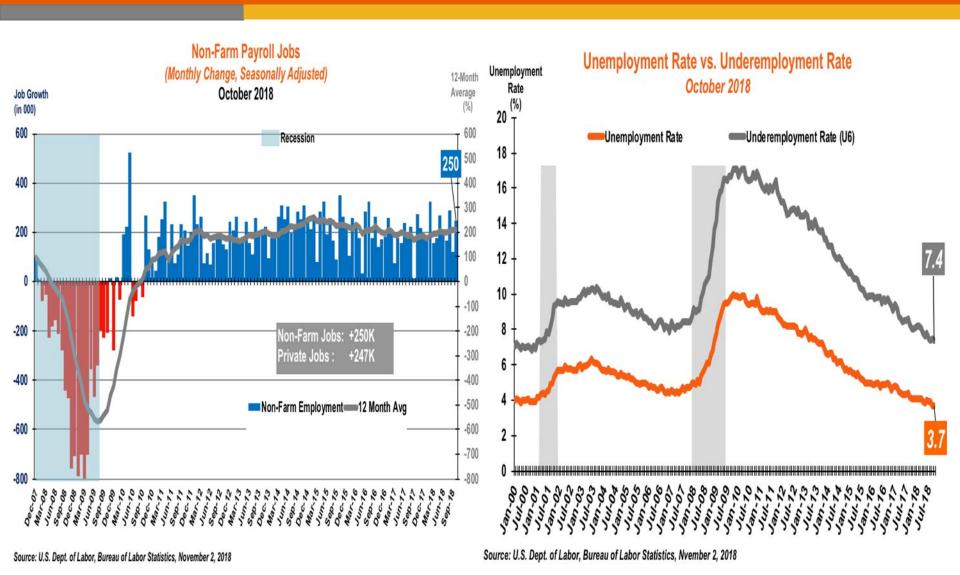
Source: S&P Corelogic Case Shiller Home Price Index, November 27, 2018

Oct '17 avg. hourly earnings of \$27.30/hour was up 3% y/y, but this is still lower than pre-recession levels of closer to 3.5-4%

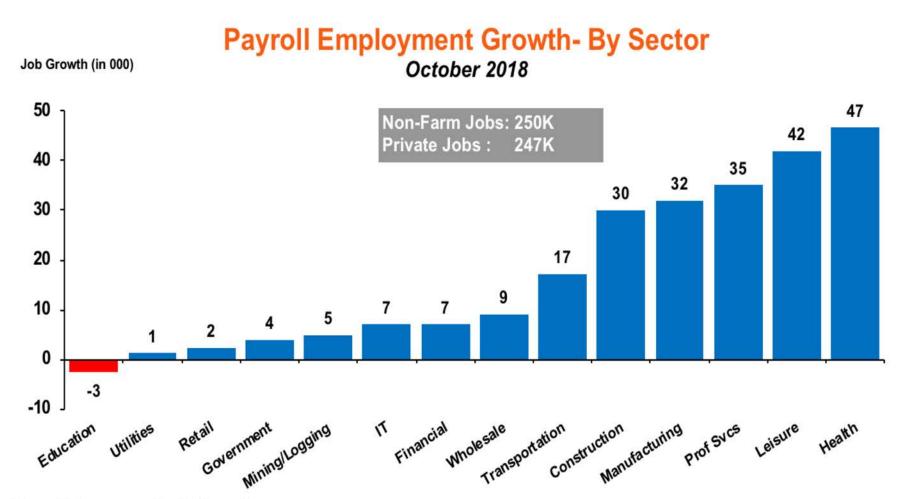


Source: U.S. Dept. of Labor, Bureau of Labor Statistics, November 2, 2018

The labor market added 250K more jobs in October vs. September. The jobless rate stayed at 3.7%, an 18-year low



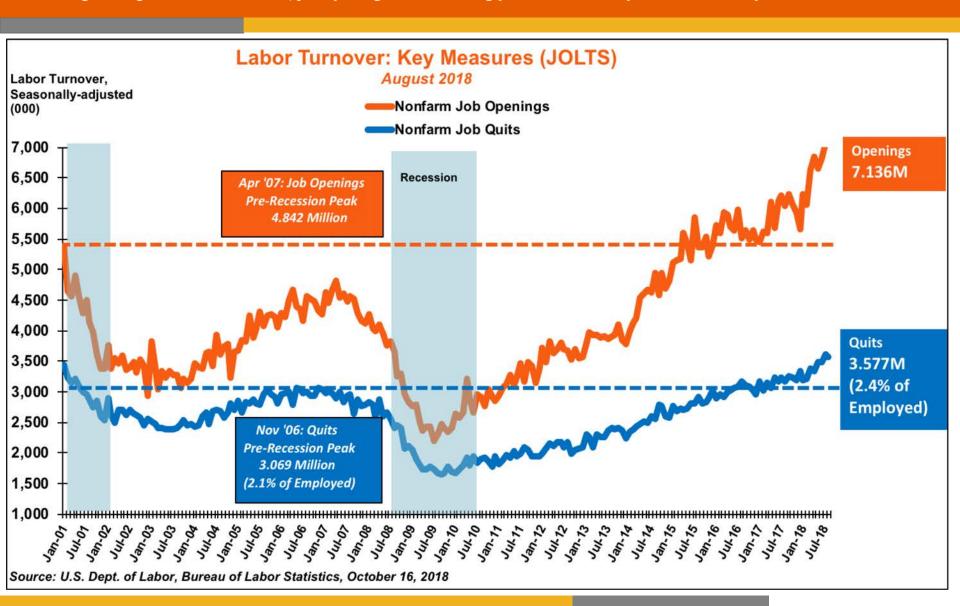
October 2018 payroll job gains were largely broad-based, including strong gains in construction and manufacturing



<sup>\*</sup> Temp Workers are not classified by sector

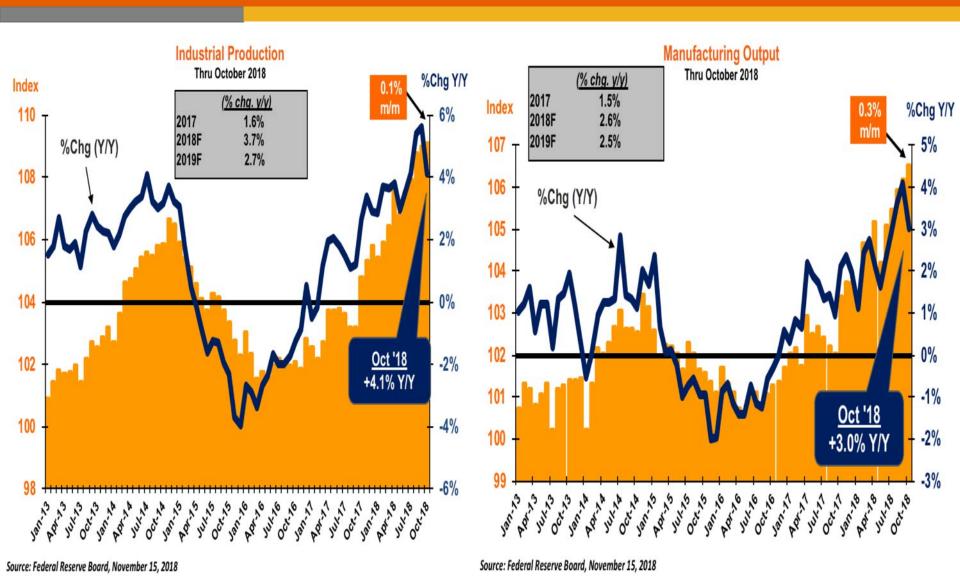
Source: U.S. Dept. of Labor, Bureau of Labor Statistics, November 2, 2018

Due the tightening of the labor market, job openings are becoming plentiful and the quit rate exceeds pre-recession levels



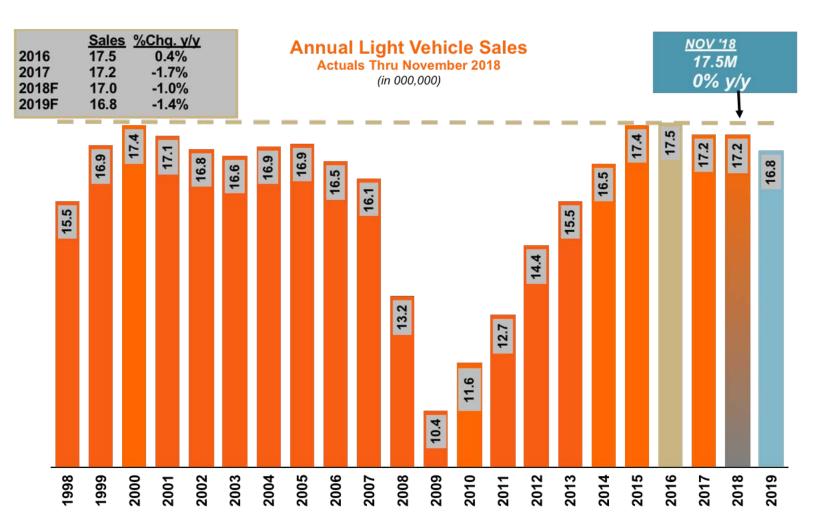
#### THE U.S. INDUSTRIAL SECTOR

Industrial sector, which includes manufacturing, is growing again after two years of slow or declining growth (in 2014-16)



#### THE AUTO SECTOR

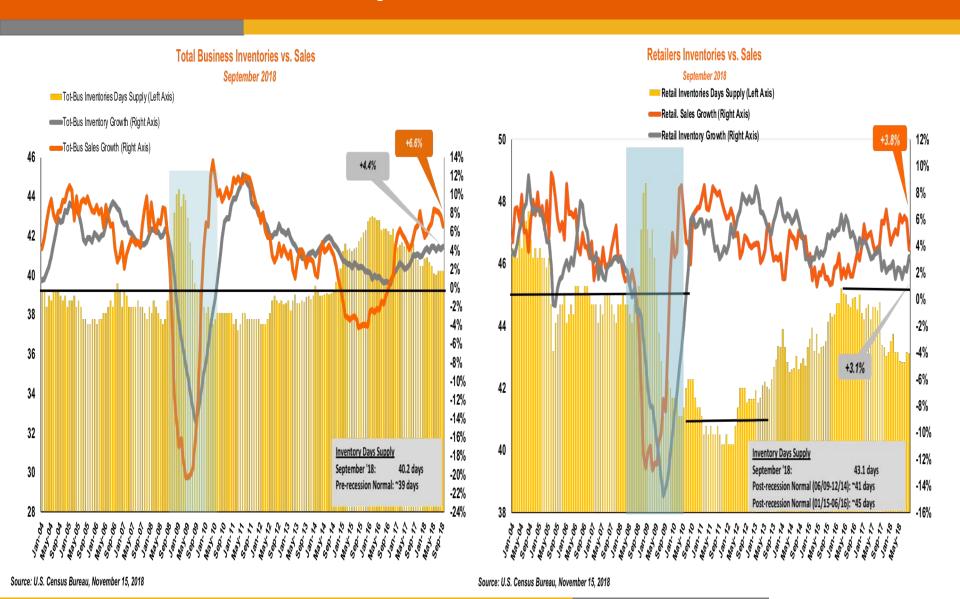
Like the housing market, the auto sector, which is very interest-sensitive, is weakening from the Fed tightening and trade policy



Source: BEA, December 3, 2018; IHS Markit, October 2018

#### **INVENTORIES**

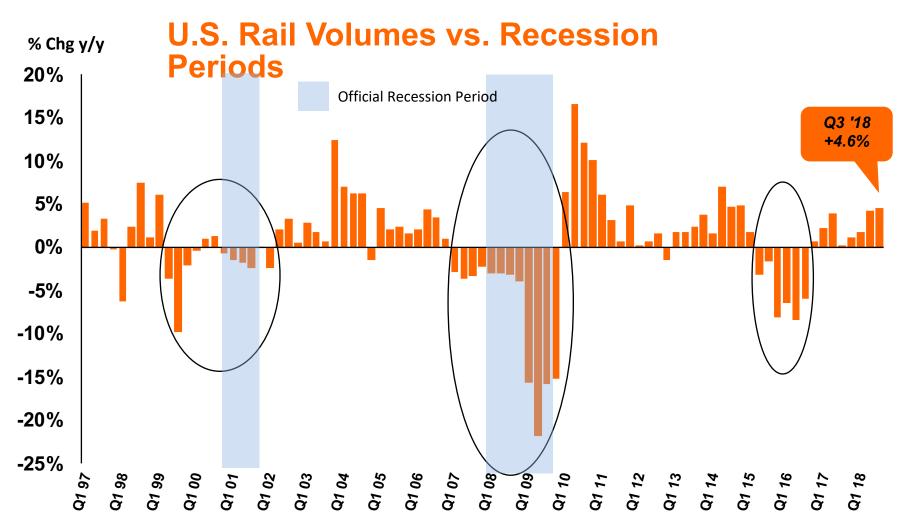
Both retailers and other businesses have been rebuilding stocks since late 2016. Some retailers have front-loaded inventories due to tariffs



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#### **RAIL VOLUMES AND THE BUSINESS CYCLE**

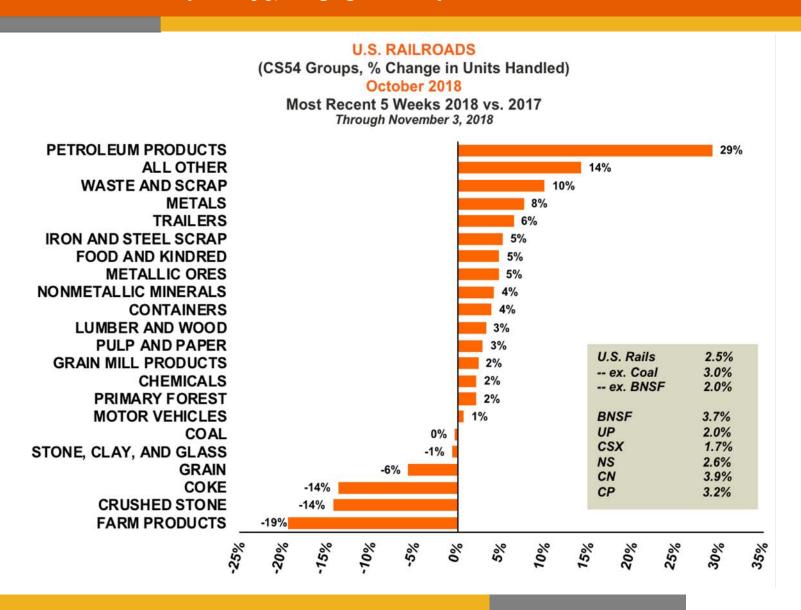
Rail sector volume growth is a leading indicator of recessions. Q3 '18 growth of 4.6% reflect stronger economic fundamentals



Source: Association of American Railroads, October 3, 2018

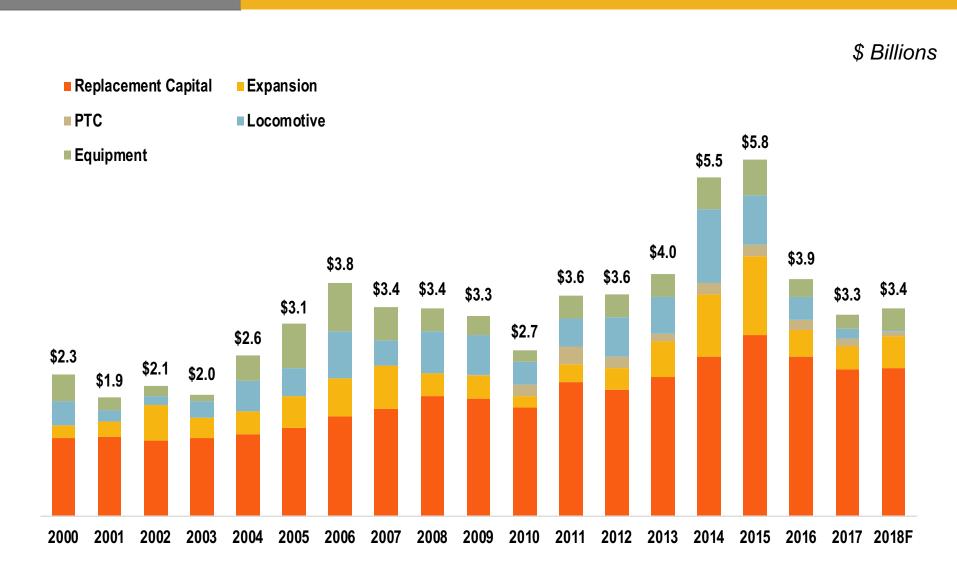
#### **U.S. RAIL INDUSTRY TRENDS – BY SECTOR**

U.S. railroads ended Oct '18 up 2.5% y/y, bringing the YTD performance to 4% thru the end of October



#### **BNSF RAILWAY CAPITAL INVESTMENTS**

BNSF will spend capex of about \$3.4 billion in 2018, bringing its 10-year capex total to almost \$40 billion



Source: BNSF Railway, June 26, 2018

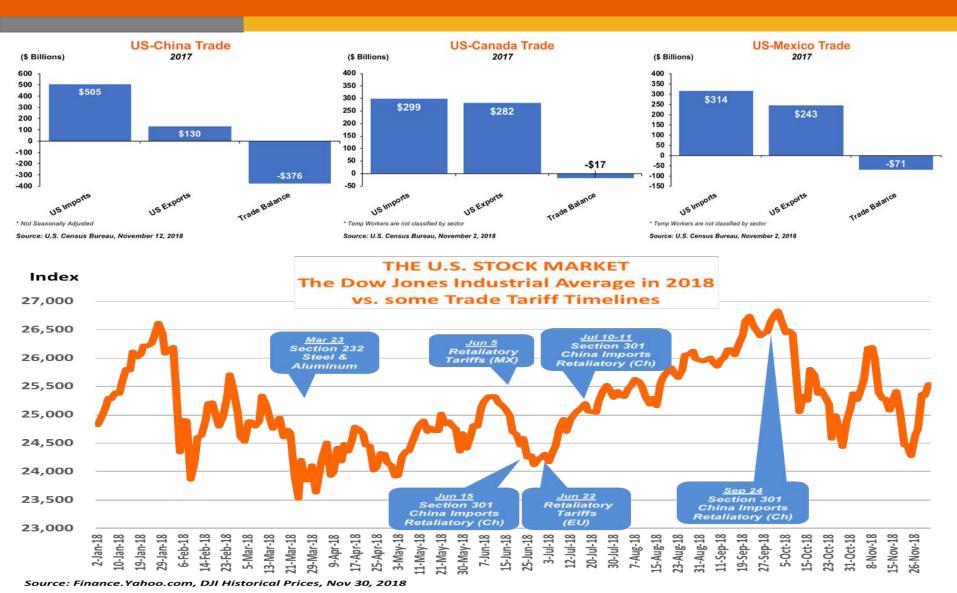
### THE ECONOMIC OUTLOOK

Macro Economic BASE CASE Assumptions		
(November 2018 Forecast)		
% Chg Y/Y Unless Stated	2018	2019
Real GDP	2.9%	2.7%
Industrial Production	3.7%	2.7%
IPI - Traditional Manufacturing	2.2%	2.4%
Unemployment Rate	3.9%	3.4%
EIA- Western Coal Production	-3.6%	-4.0%
Natural Gas Price (Henry Hub)	\$2.99	\$3.12
Whole Grains (Bushels, Billions)	21.8	21.6
Housing Starts (Thousands)	1.263	1.318
Housing Starts	4.7%	4.4%
Lt Veh - Sales (Millions)	17.1	16.8
Lt Veh - Sales (% Chg.Y/Y)	-0.6%	-1.9%
Imports	4.9%	6.4%
Exports	4.3%	4.1%
Consumer Expenditures	2.7%	2.8%
Retail Sales	4.8%	4.2%
RCAF-Unadjusted	4.4%	4.5%
RCAF- Less Fuel (All-LF)	2.1%	3.3%
WTI Crude Oil (\$/Barrel)	66.8	64.9
Brent Crude Oil (\$/Barrel)	73.1	71.9
Source: IHS Markit (Nov, 2018); EIA and ProExporter (Nov 2018), SAK Economics		

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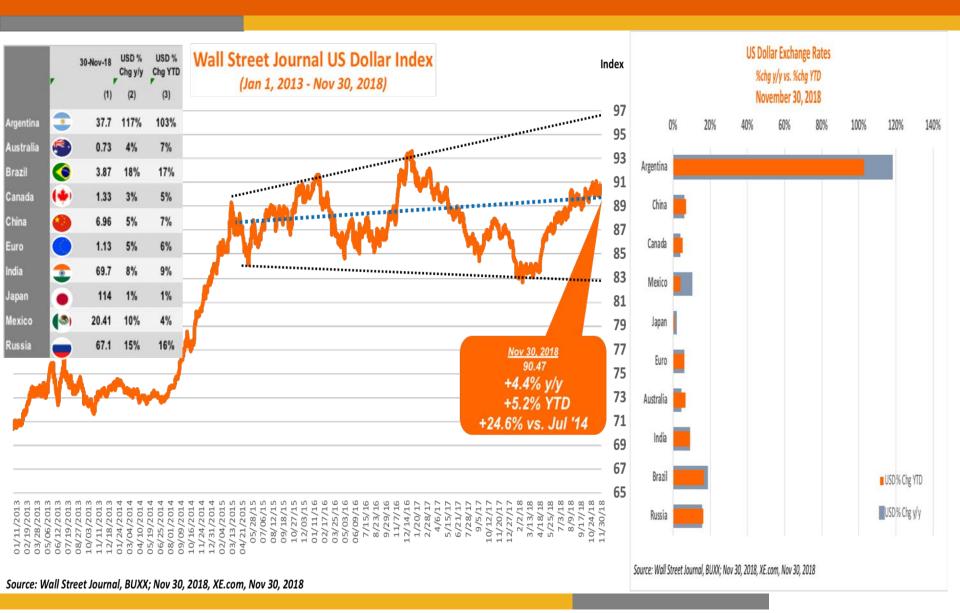
#### **RISKS AND OPPORTUNITIES – TRADE POLICY**

Many large firms are estimating negative impacts of US trade tariffs on quarterly earnings, resulting in stock market weakness



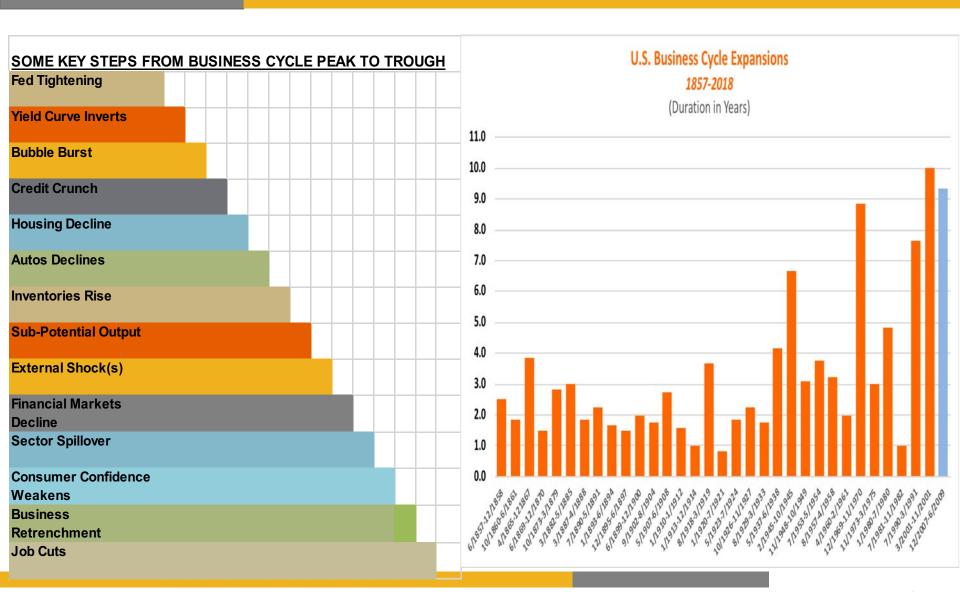
#### **RISKS AND OPPORTUNITIES – EXCHANGE RATES**

The stronger USD reflects divergent global monetary policies, US fiscal and trade policies and slowing global growth



#### **RISKS AND OPPORTUNITIES – MONETARY POLICY**

Probability of 2018 recession is rising and a business cycle downturn should remain on the watch lists of all cyclical firms



# Sam's Hey (Hair) Days:

