

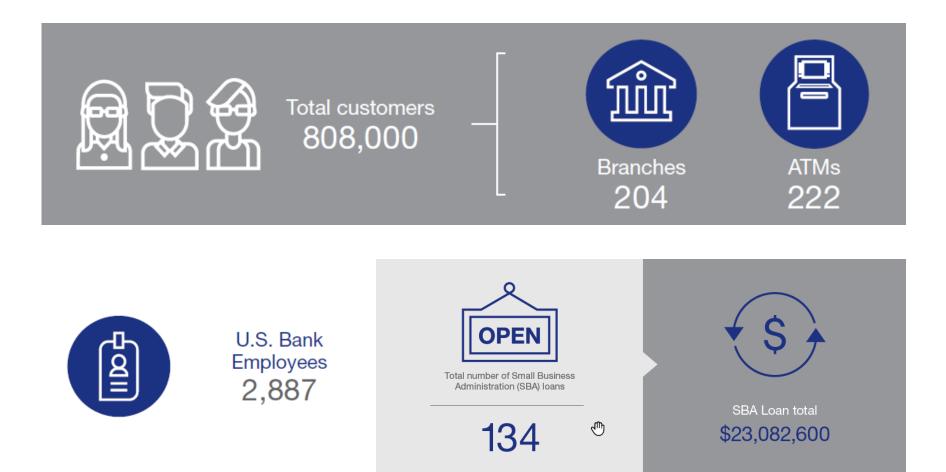
# The Value of Innovation in Today's Economic Climate

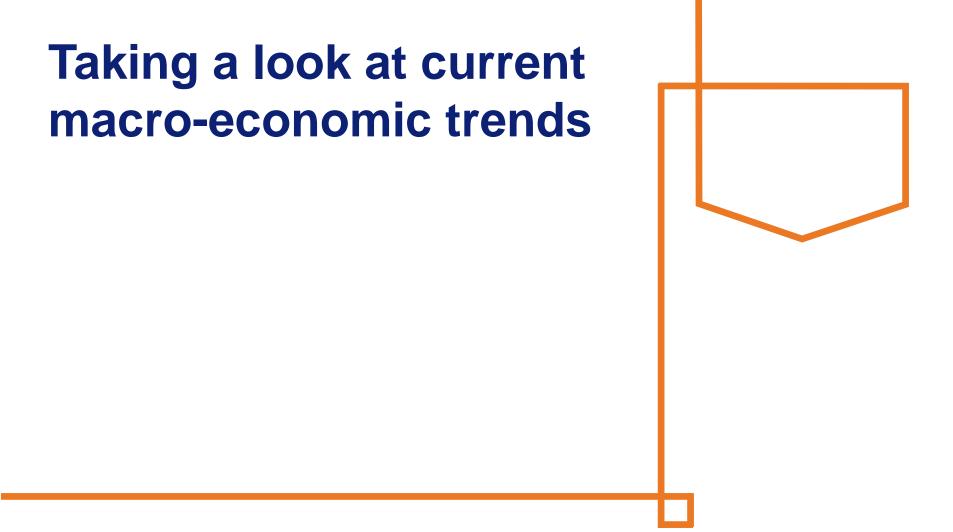
Tim Welsh and Rob Haworth February 20, 2019



Insert information classification here - e.g. U.S. BANK CONFIDENTIAL, U.S. BANK PERSONAL

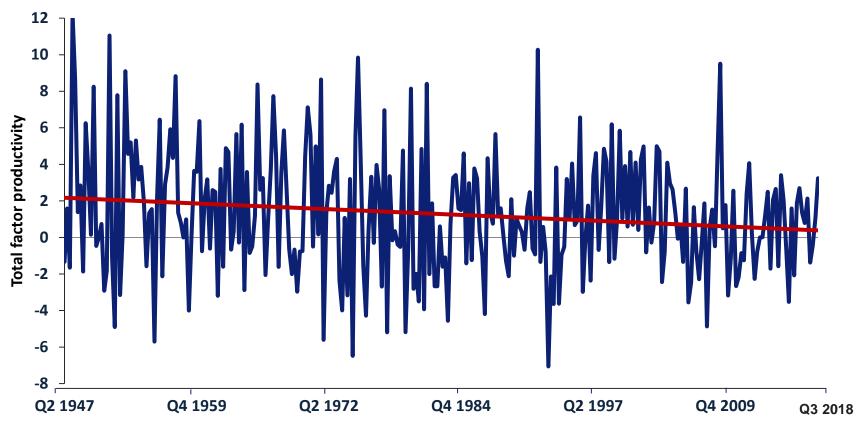
## Southern California is a key market for U.S. Bank





### Major economic consideration #1: Productivity

Total factor productivity: United States

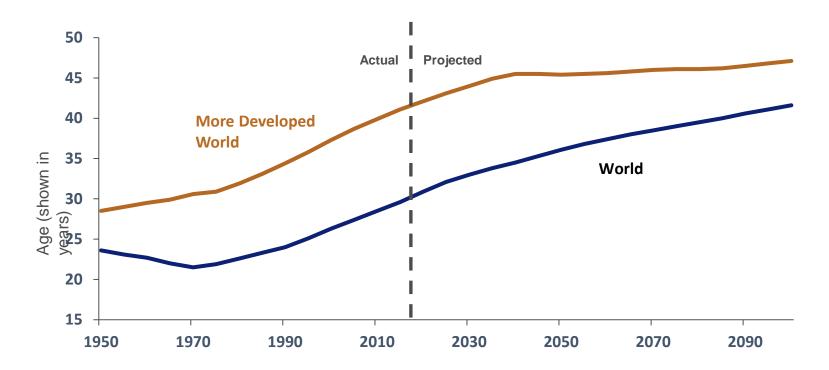


Sources: U.S. Bank Asset Management Group analysis, Bloomberg. Data period: 2Q 1947-3Q 2018.

#### Takeaway: Lower productivity levels mean less growth potential versus history.

### Major economic consideration #2: Demographics

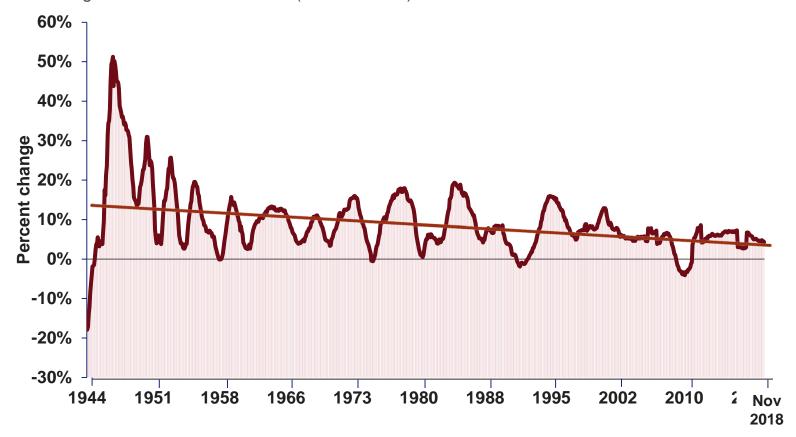
Median age of population



Source: The United Nations Department of Social and Human Affairs. Data period: 1950-2015 (actual). Projections from 2017 to 2100 (as of 2017).

### Takeaway: Aging populations tend to have less consumption growth, which could impact corporate profits.

### **Credit: The core economic driver**

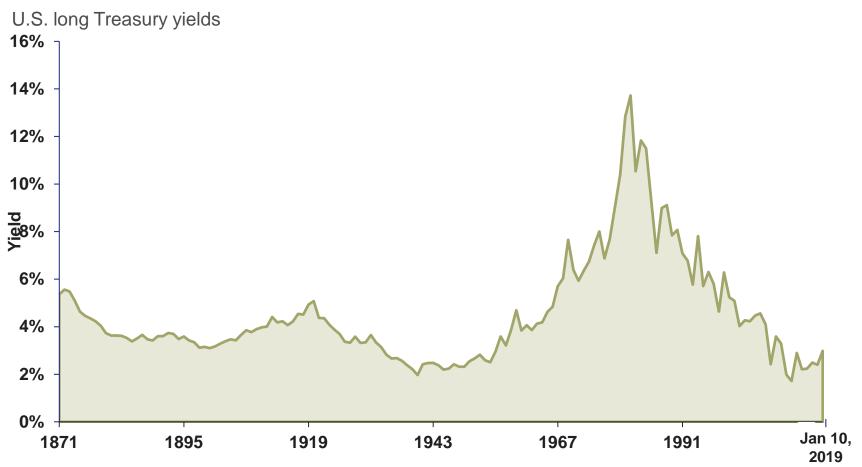


Percent change of total consumer credit (United States)

Sources: U.S. Federal Reserve, Bloomberg. Data period: February 1943-November 2018.

Takeaway: Access to and usage of credit plays a central role in the economy, but credit growth is slowing as evidenced by the red trendline.

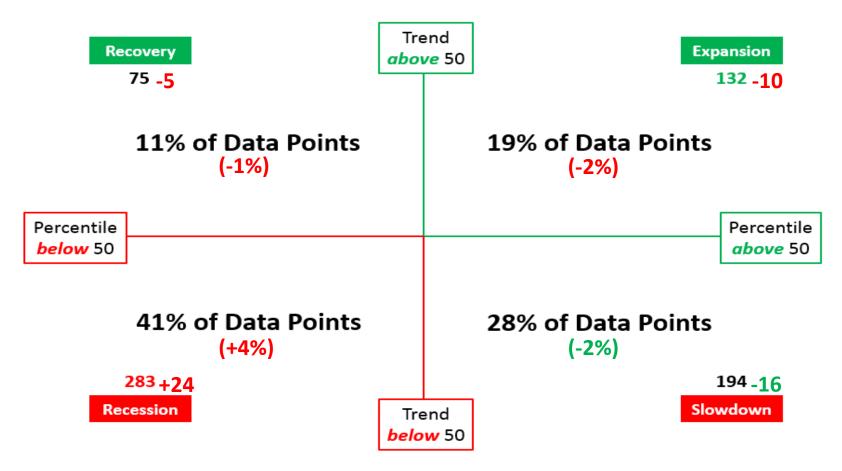
## Multi-generational lows in yields helps fuel borrowing



Source: Bloomberg. Data period: December 1871–January 20, 2019.

Takeaway: Even with recent moves higher, borrowers have access to relatively cheap credit at both the consumer and corporate levels. One of the things we are paying close attention to is if borrowing costs go up, this could impact willingness to borrow and, therefore, economic growth.

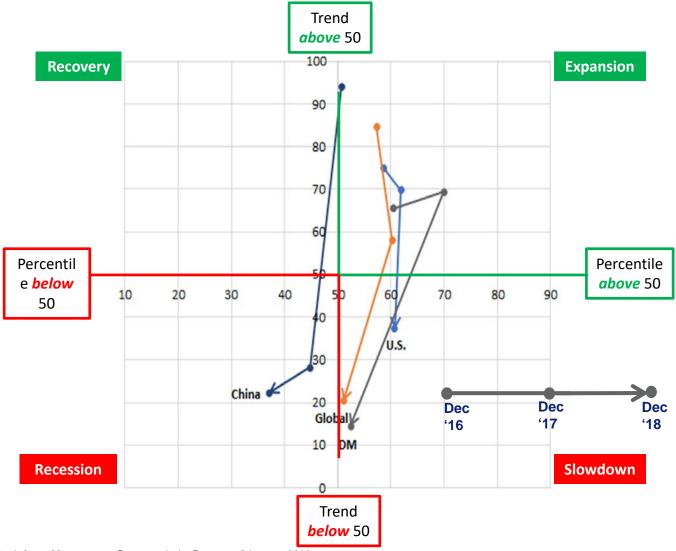
### **Global economic "health check"**



Source: U.S. Bank Asset Management Group analysis. Data: as of January 2019.

Takeaway: We have seen a material retrenchment in our proprietary global health check data trends, with 53% of data points below the 50<sup>th</sup> percentile.

### **Global economic "health check"**

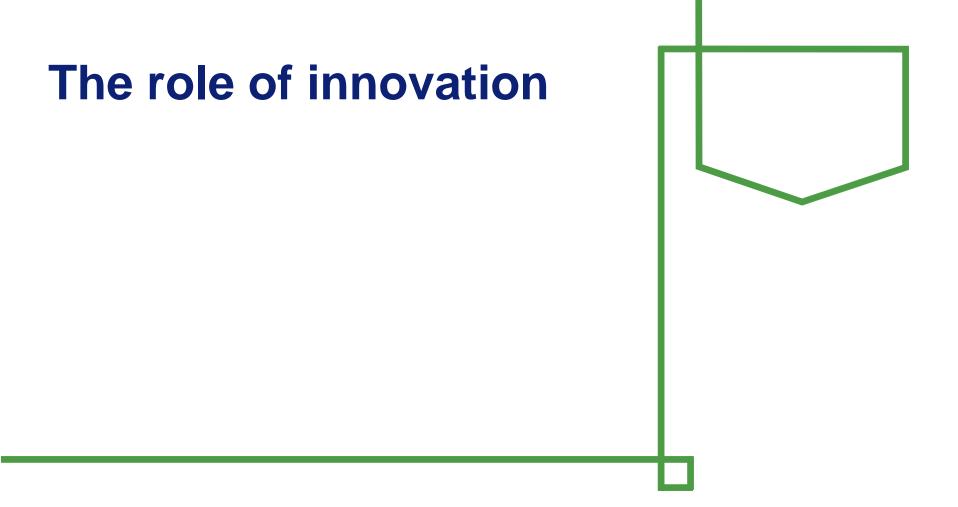




Takeaway: China has slowed materially over the past two years — now in the vaunted southwest quadrant, with global data also teetering on that line.

#### **Trade and tariffs – an edgeless phenomenon**





## The issue: the global economy is growing slowly



#### Growth will be slow, but innovation will drive it



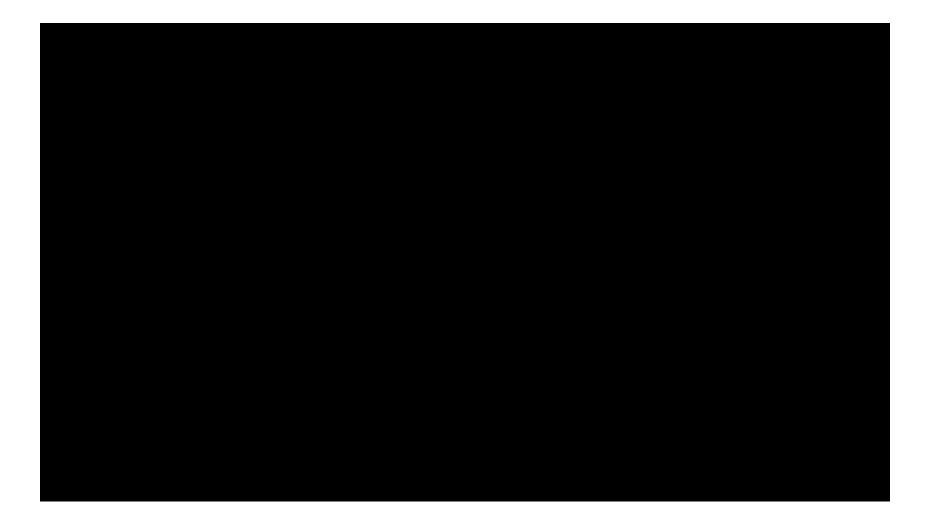
#### **Innovation exists beyond startups**



## Innovation also exists in large companies of all types



### **Innovation at U.S. Bank**



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Cécile Daurat January 11, 2019 11:25 AM CST







#### Mortgage approval in 3 minutes

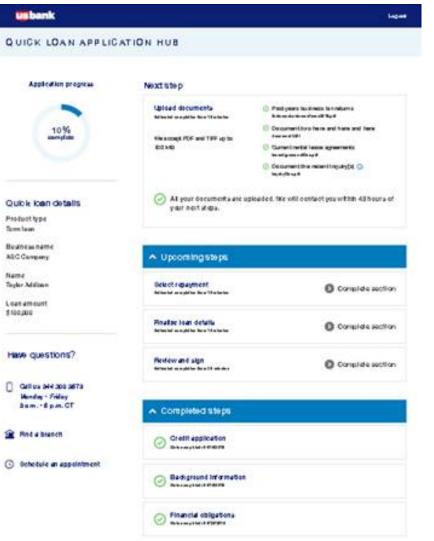
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#### UPCONING

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Review important disclosures about the cost of your loan and schedule your closing.

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