

## Data Insights: Consumer Price Index, Producer Price Index

Wednesday, April 11, 2018

### Today's CPI data: what you need to know

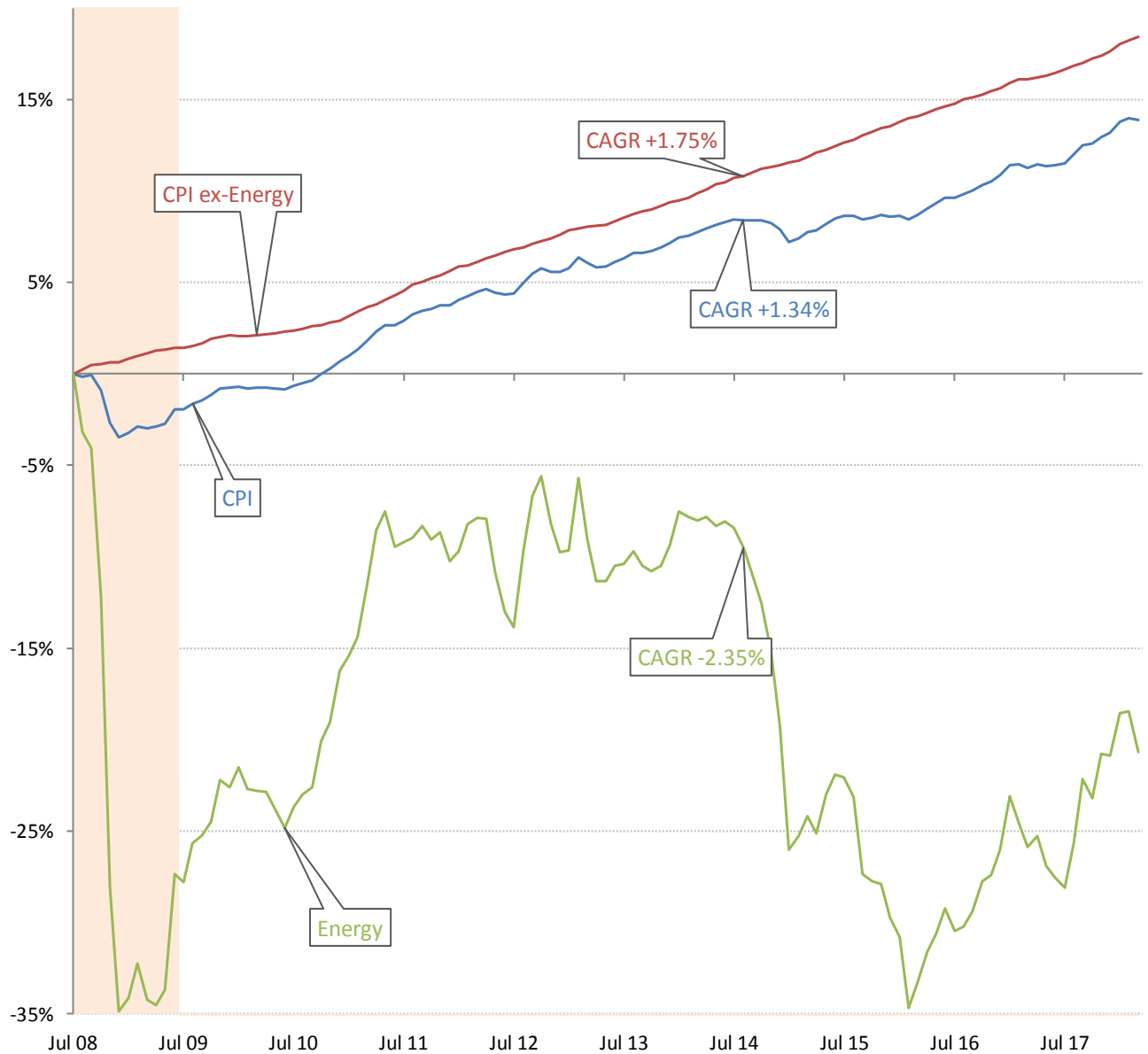
	12-mo YOY	3-mo ann	1-mo ann	12 / 3/ 1-mo	12-mo YOY history
All items	+2.36%	+2.5%	-0.8%		
Core	+2.12%	+2.9%	+2.1%		
OER	+3.3%	+3.2%	+3.8%		
All less OER	+2.1%	+2.3%	-0.8%		
Core less OER	+1.5%	+2.7%	+1.2%		
Energy	+7.0%	+1.0%	-28.4%		
All less energy	+2.0%	+2.6%	+2.0%		
Food	+1.3%	+1.3%	+1.5%		
All less food	+2.5%	+2.7%	-1.1%		
Health care	+2.0%	+2.8%	+4.9%		
All less health care	+2.4%	+2.5%	-1.3%		

Source: BLS Consumer Price Index, TrendMacro calculations

#### For more information contact us:

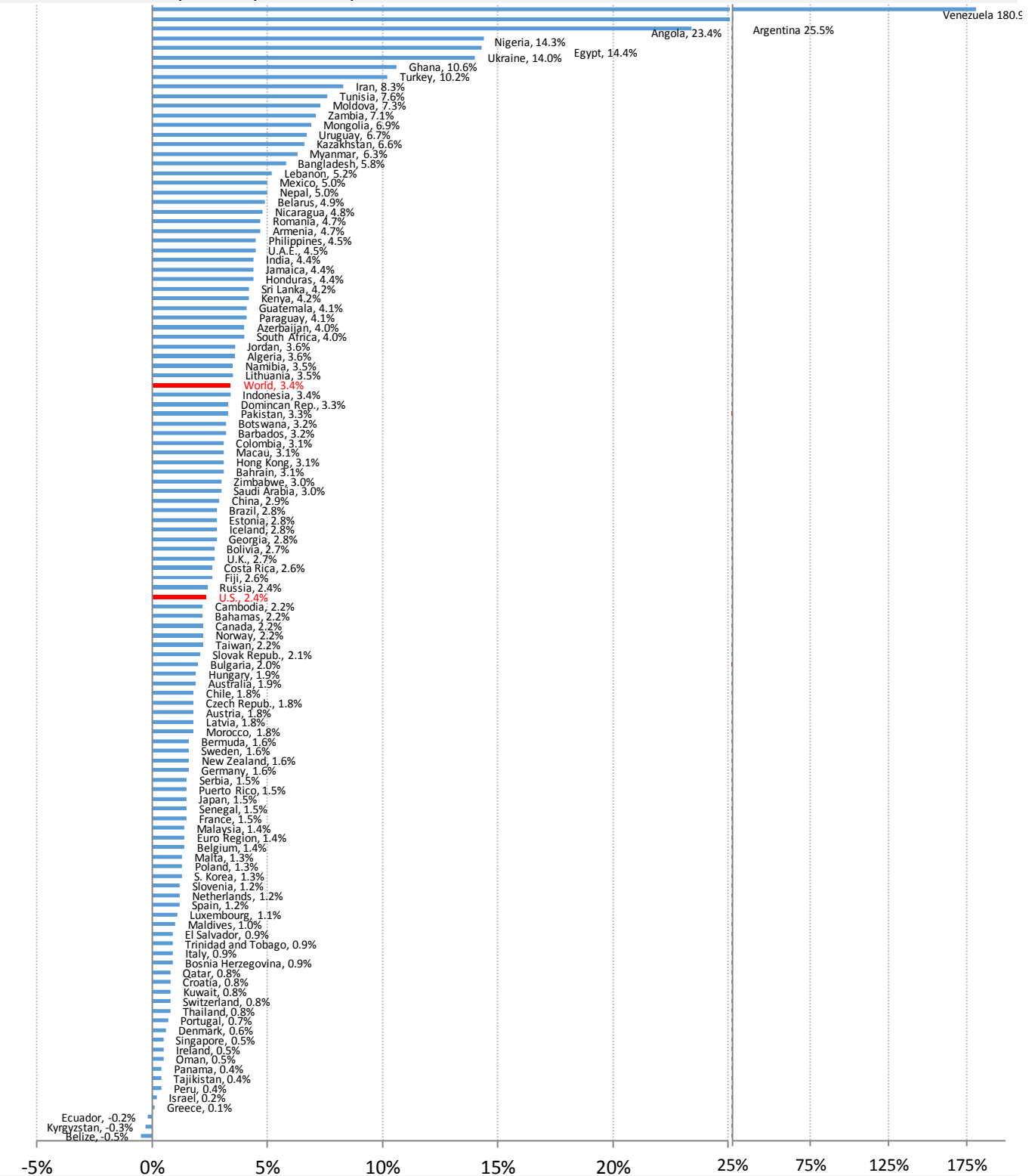
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The deflation delusion: it's all about oil, and always has been  
Cumulative growth of CPI from July 2008, the all-time high oil price



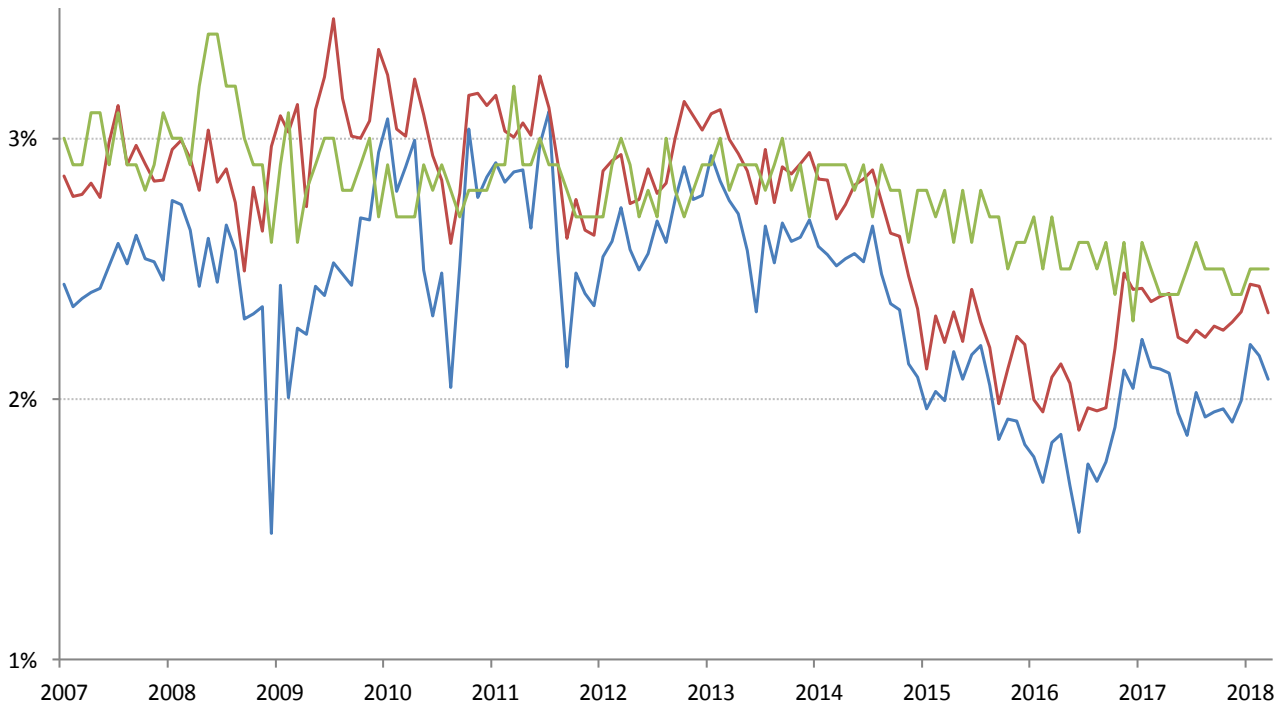
Source: Bloomberg, TrendMacro calculations

# World round-up: CPI year-on-year



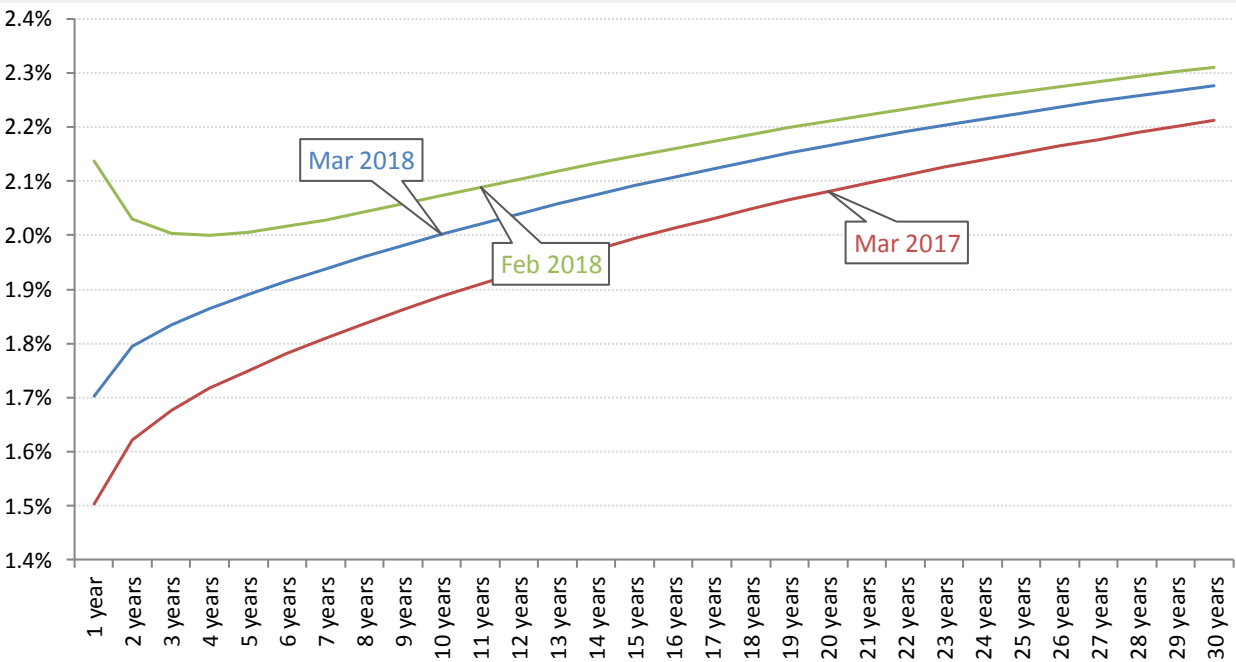
Source: Bloomberg, TrendMacro calculations

Implied 5-year inflation, 5 years forward — TIPS — Swaps — U. Michigan Survey



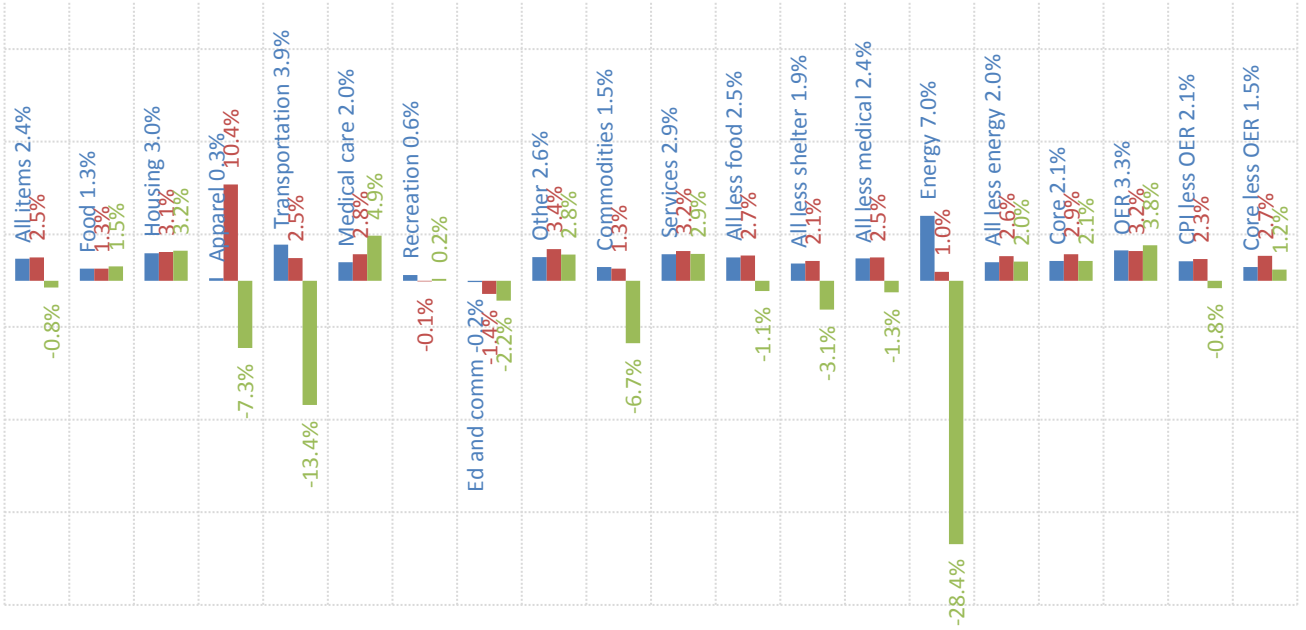
Source: Bloomberg, TrendMacro calculations

Swap-implied inflation yield curve, per annum



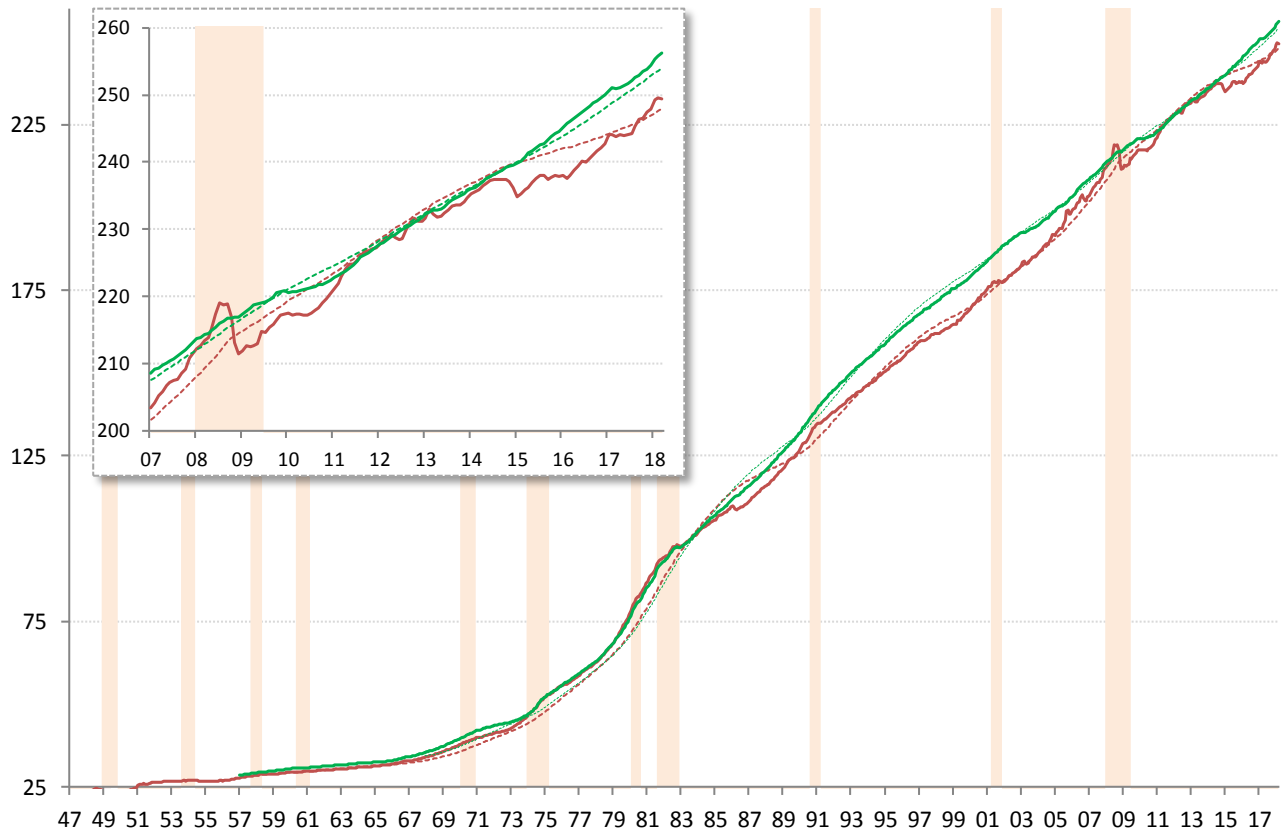
Source: Cleveland Fed, TrendMacro calculations

## US CPI inflation by sector (SAAR) ■ 12-month ■ 3-month ■ 1-month



Source: BLS Consumer Price Index, TrendMacro calculations

## US CPI Core — Level ... 20-year trend ■ Recession



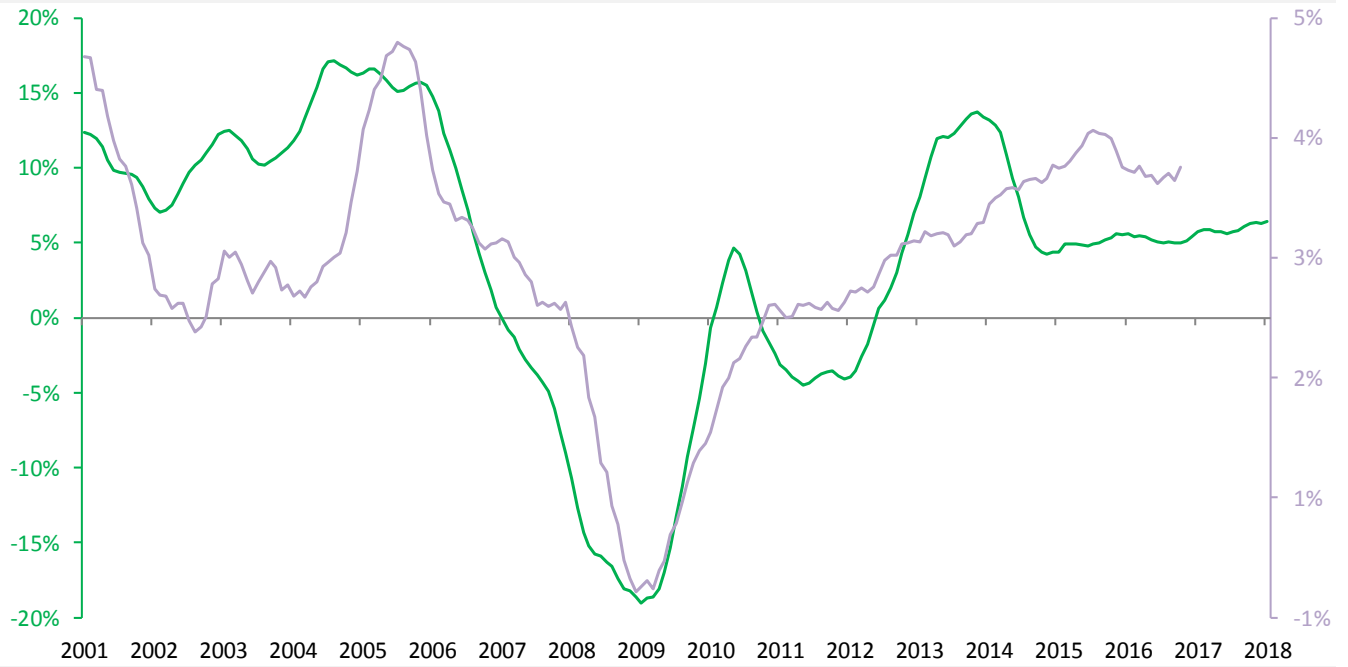
Source: BLS Consumer Price Index, TrendMacro calculations

## Housing leads US CPI

Year-over-year change

— Case Shiller 20-city avg

— Owner's equivalent rent CPI component, 18-mo lag



Source: BLS, Standard & Poor's Case Shiller, TrendMacro calculations

## The world is flat: the vanishing Phillips Curve

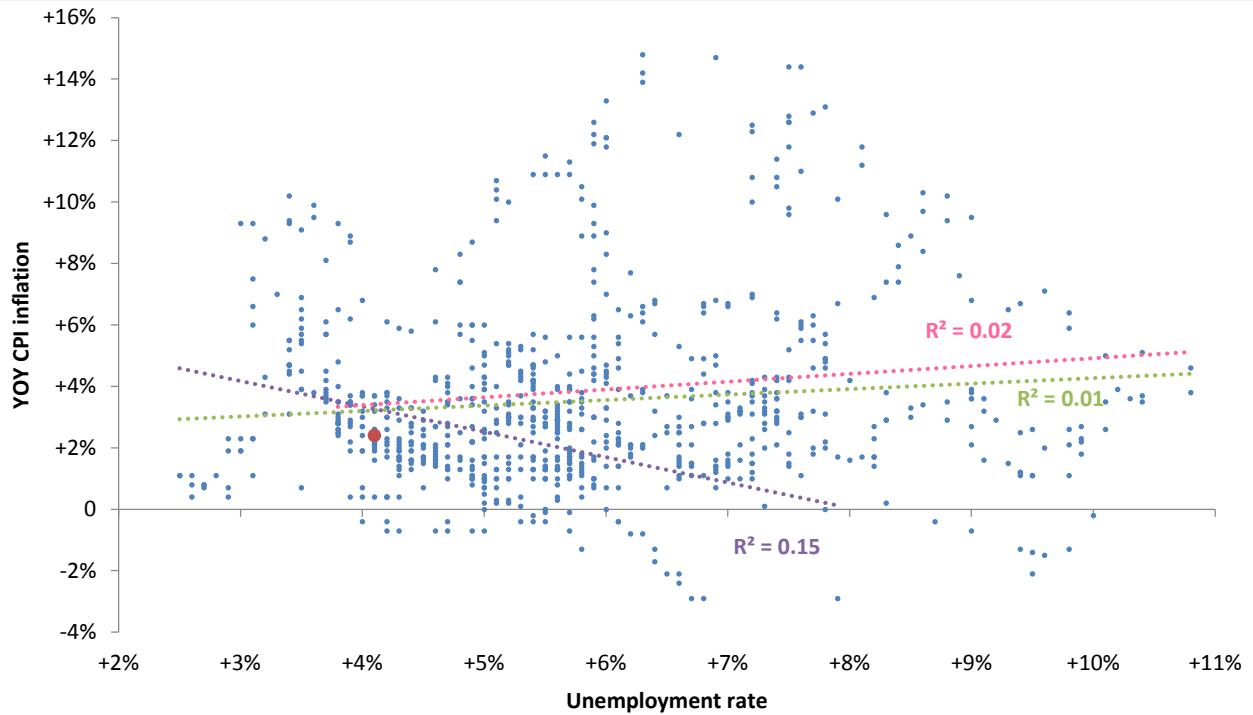
● Latest

Linear trend: ●

Pre-74

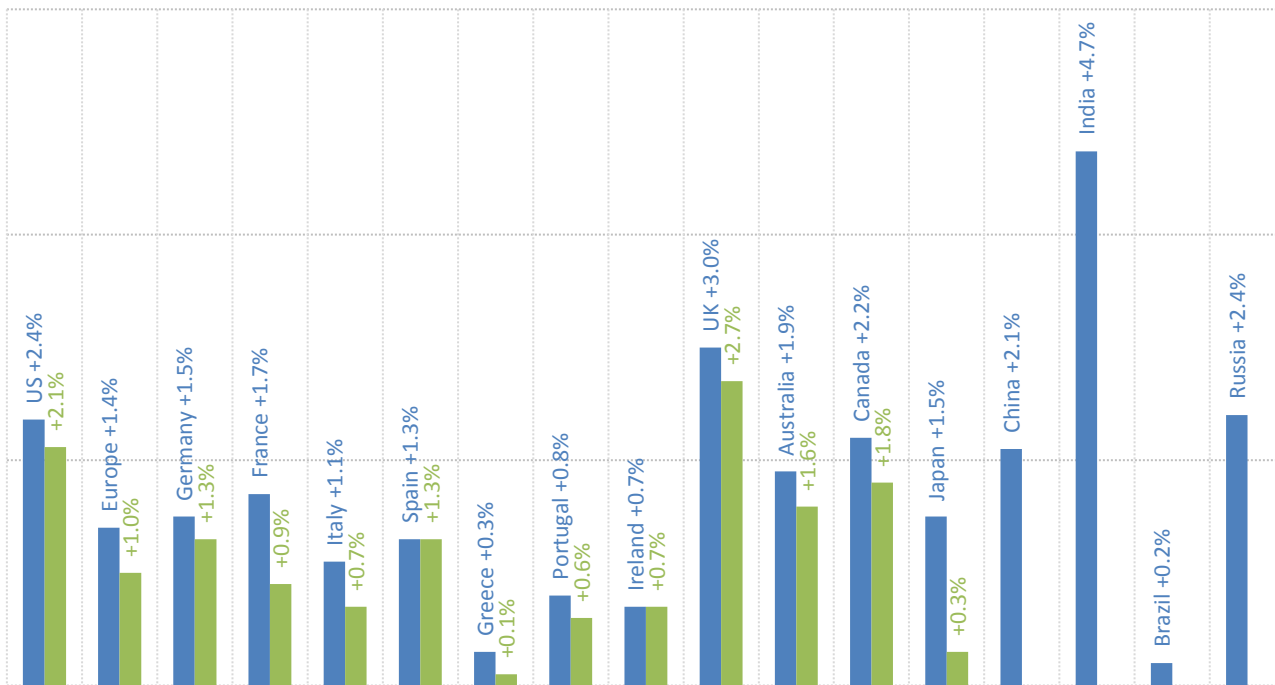
Post-74

All



Source: BLS Consumer Price Index, Current Population Survey

## Major economies CPI, year on year



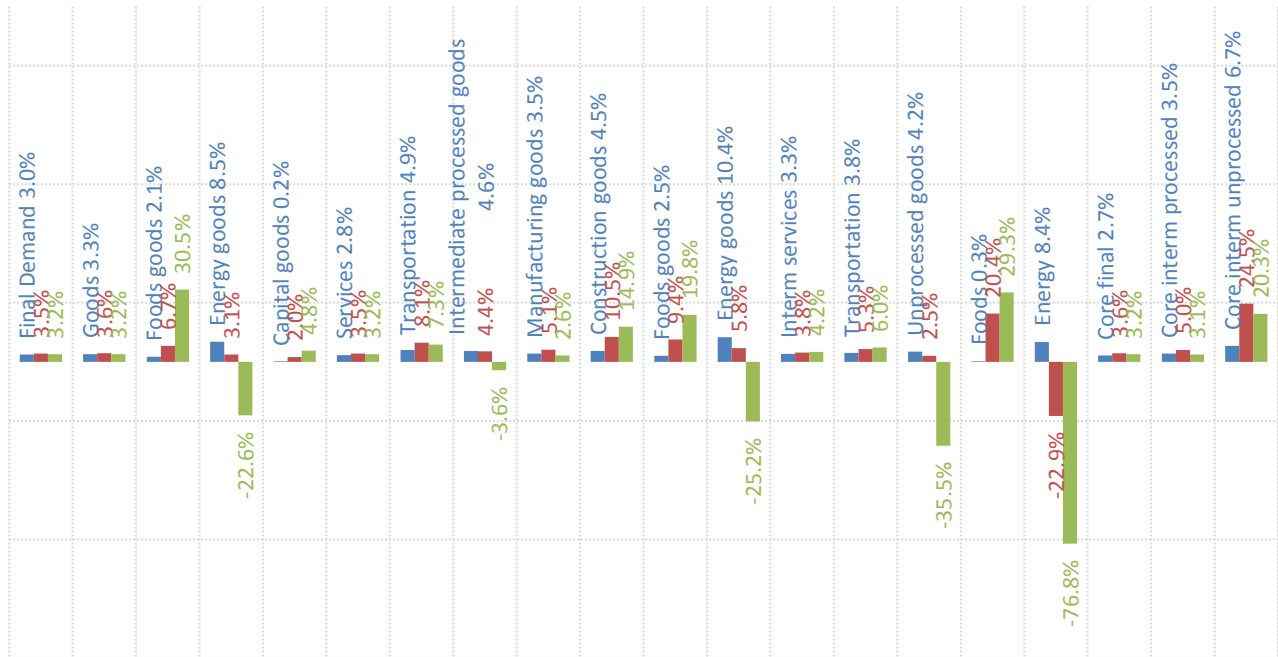
Source: Respective Statistical agencies, TrendMacro calculations

## PPI data: what you need to know

	12-mo YOY	3-mo ann	1-mo ann	12 / 3 / 1-mo	13-mo YOY history
Final demand	+3.0%	+3.5%	+3.2%		
Core	+2.7%	+3.6%	+3.2%		
Intermediate processed	+4.6%	+4.4%	-3.6%		
Core	+3.5%	+5.0%	+3.1%		
Intermediate unprocessed	+4.2%	+2.5%	-35.5%		
Core	+6.7%	+24.5%	+20.3%		

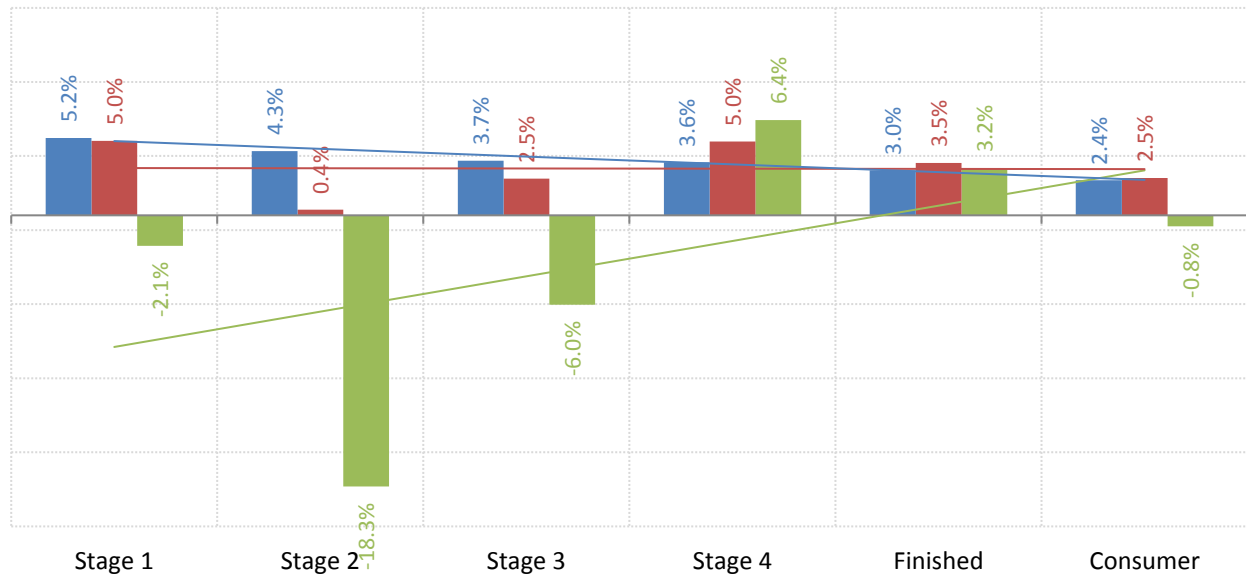
Source: BLS Producer Price Index, TrendMacro calculations

## PPI inflation by sector (SAAR) ■ 12-mo ■ 3-mo ■ 1-mo



Source: BLS Producer Price Index, TrendMacro calculations

## The inflation pipeline (SAAR) ■ 12-mo ■ 3-mo ■ 1-mo



Source: BLS Producer Price Index and Consumer Price Index, TrendMacro calculations