

U.S. Industrial Activity

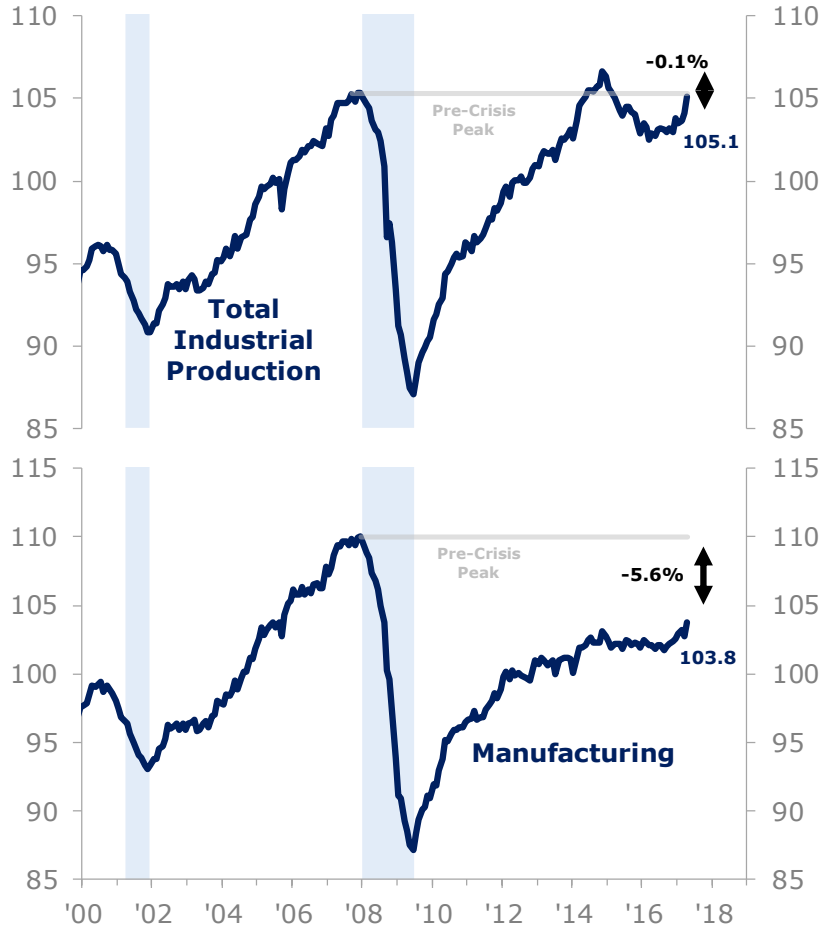
May 16, 2017

FLOATINGPATH

Industrial Production Coming Back

The Total Level Of Industrial Production Is Accelerating Again...

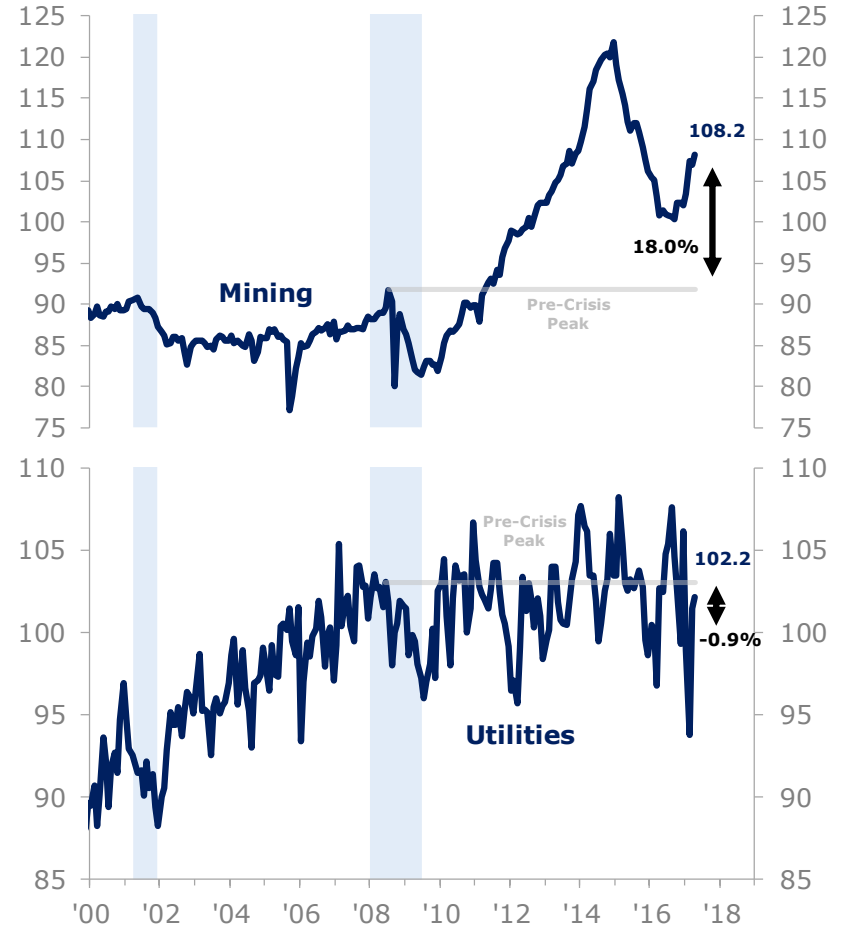
U.S. Industrial Production (2012=100)



Source: Floating Path, Federal Reserve

...Mining Production Has Picked Back Up After Bottoming Late Last Year

U.S. Industrial Production (2012=100)

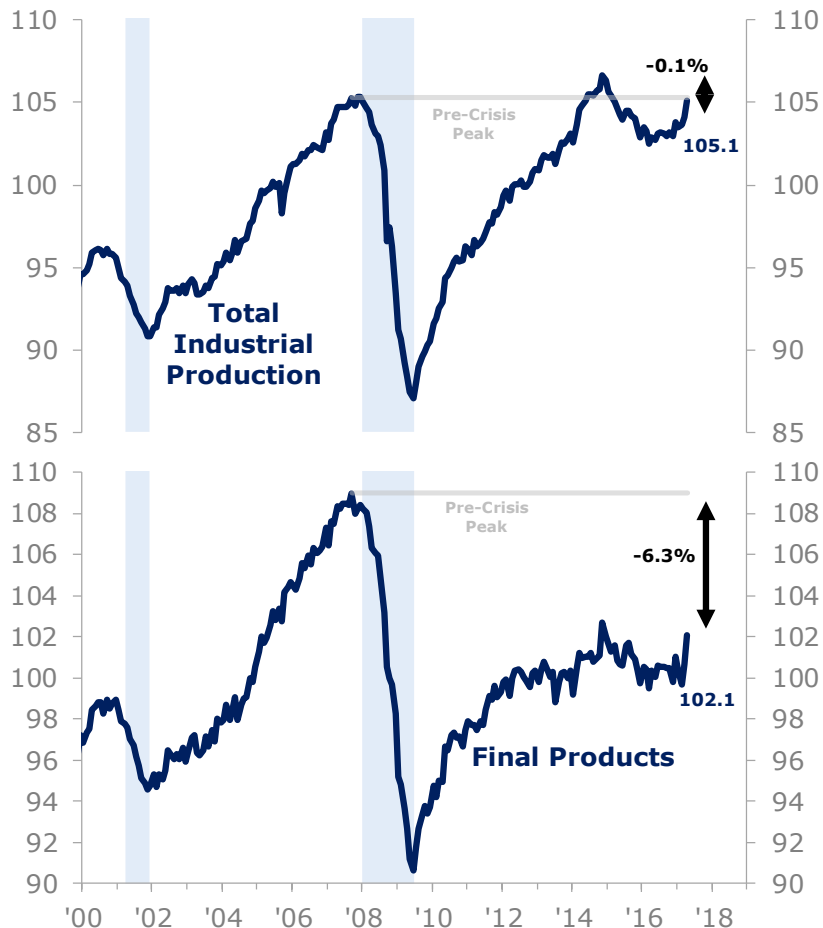


Source: Floating Path, Federal Reserve

Only Materials Have Rebounded

The Production Level Of Final Products Remains 6.3% Below Its Pre-Crisis Peak...

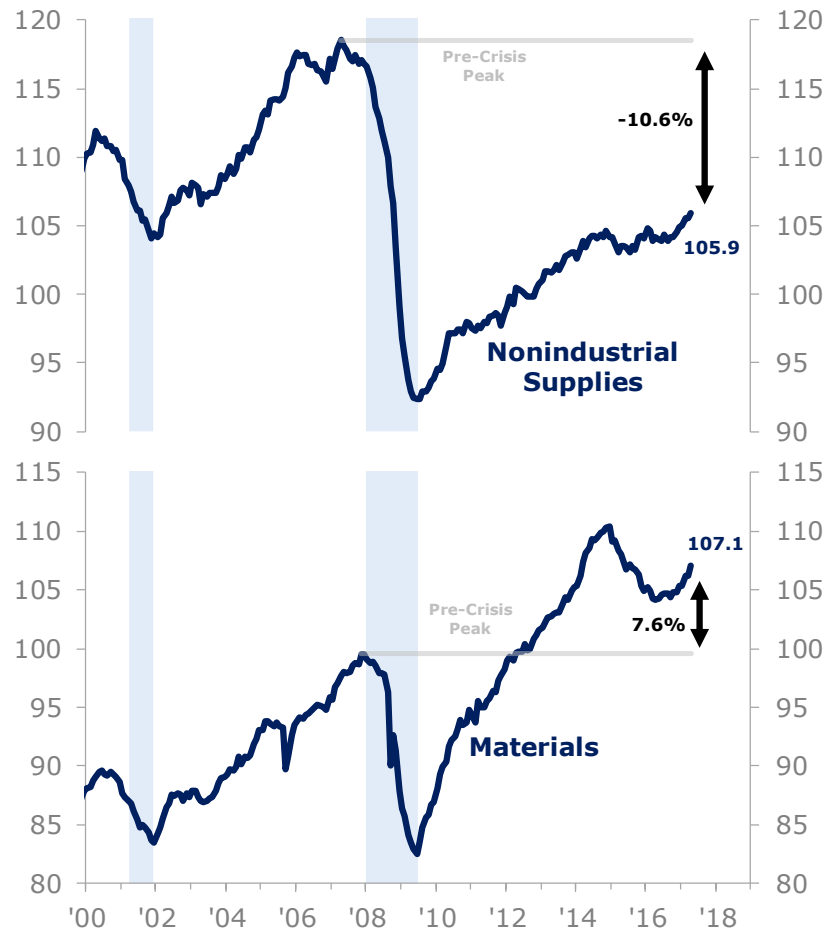
U.S. Industrial Production (2012=100)



Source: Floating Path, Federal Reserve

...Of The 3 Major Market Groups, Only Materials Have Recovered Beyond Pre-Crisis Peak

U.S. Industrial Production (2012=100)

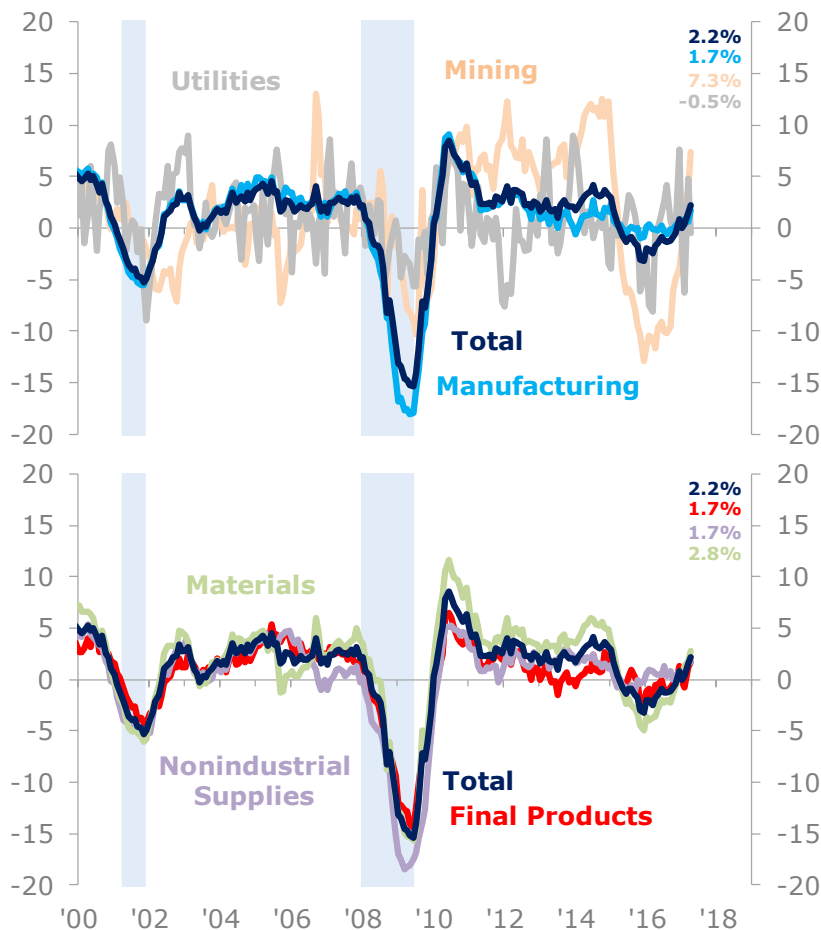


Source: Floating Path, Federal Reserve

Growth Reaccelerating

Total Industrial Production Has Increased 2.2% From A Year Ago...

U.S. Industrial Production YoY



Source: Floating Path, Federal Reserve

...And Is Now Only 0.1% Below Its Pre-Crisis Peak Level

U.S. Industrial Production (2012=100)

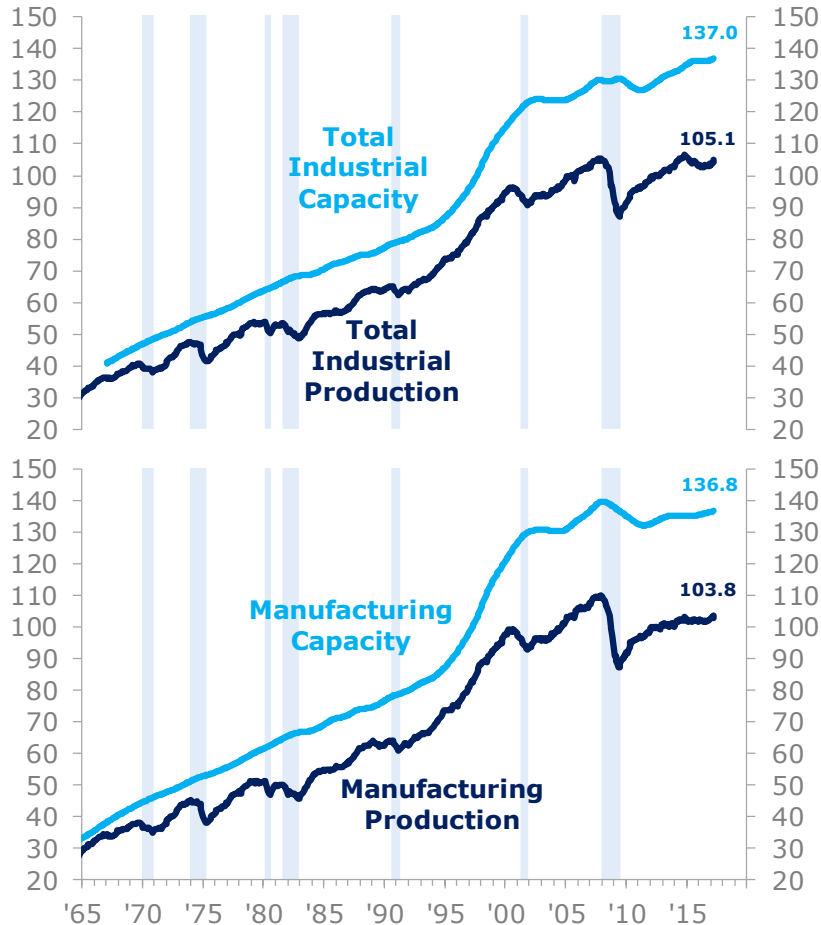
| Category | Index | Δ YoY (%) | Δ From Peak (%) |
|------------------------|--------------|------------|-----------------|
| Total Index | 105.1 | 2.2 | -0.1 |
| Final Products | 102.1 | 1.7 | -6.3 |
| Consumer Goods | 105.9 | 1.4 | -7.3 |
| Business Equipment | 100.7 | 1.3 | -1.8 |
| Nonindustrial Supplies | 105.9 | 1.7 | -10.6 |
| Materials | 107.1 | 2.8 | 7.6 |
| Manufacturing | 103.8 | 1.7 | -5.6 |
| Mining | 108.2 | 7.3 | 18.0 |
| Utilities | 102.2 | -0.5 | -0.9 |

Source: Floating Path, Federal Reserve

Industrial Production And Capacity

Although Industrial Production Had Stalled, Industrial Capacity Is At An All-Time High...

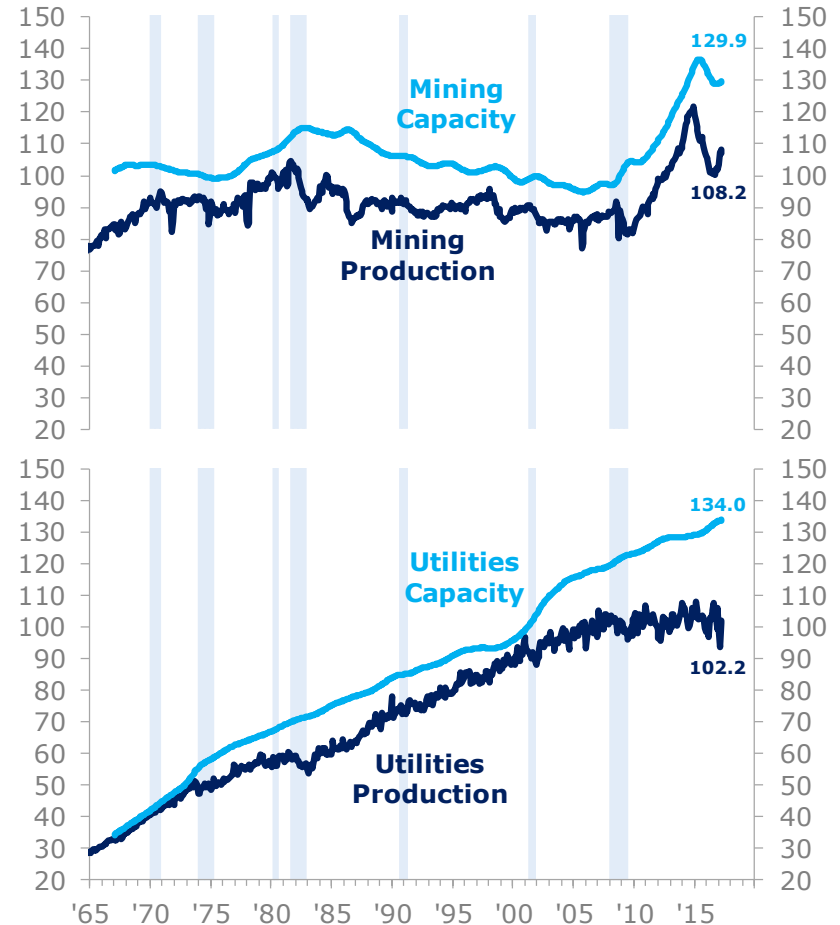
U.S. Industrial Production And Capacity



Source: Floating Path, Federal Reserve

...Mining Capacity Has Declined Since Peaking In Late 2015

U.S. Industrial Production And Capacity

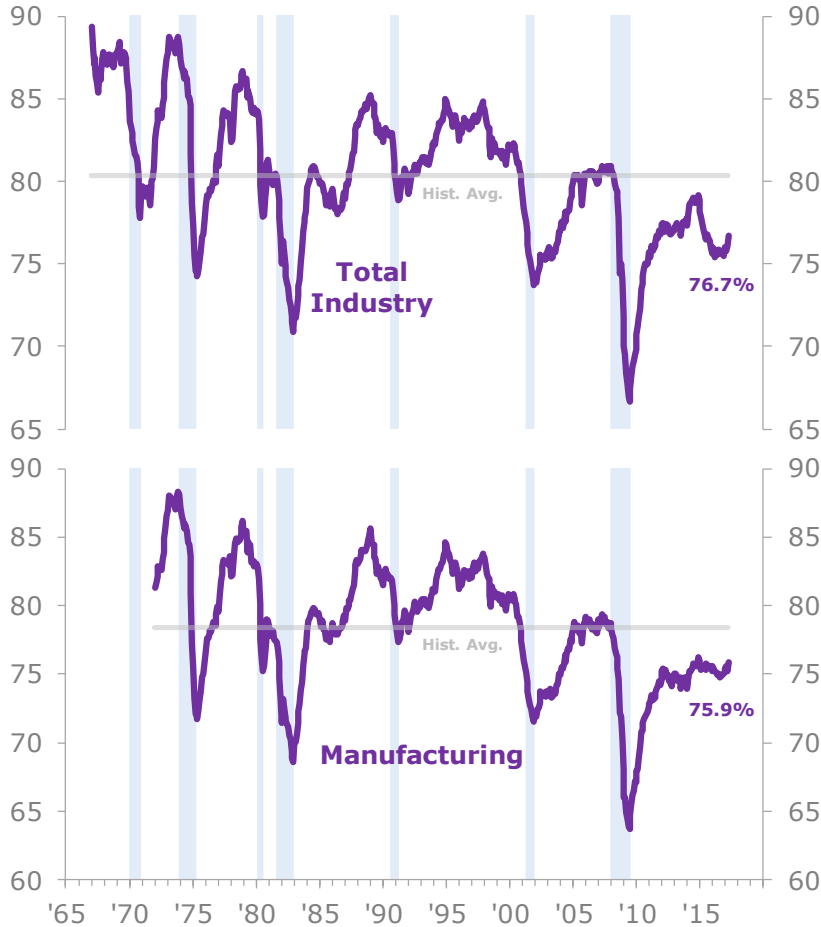


Source: Floating Path, Federal Reserve

Industrial Capacity Utilization

Production As A Share Of Capacity, Or Capacity Utilization, Is Below Historical Average...

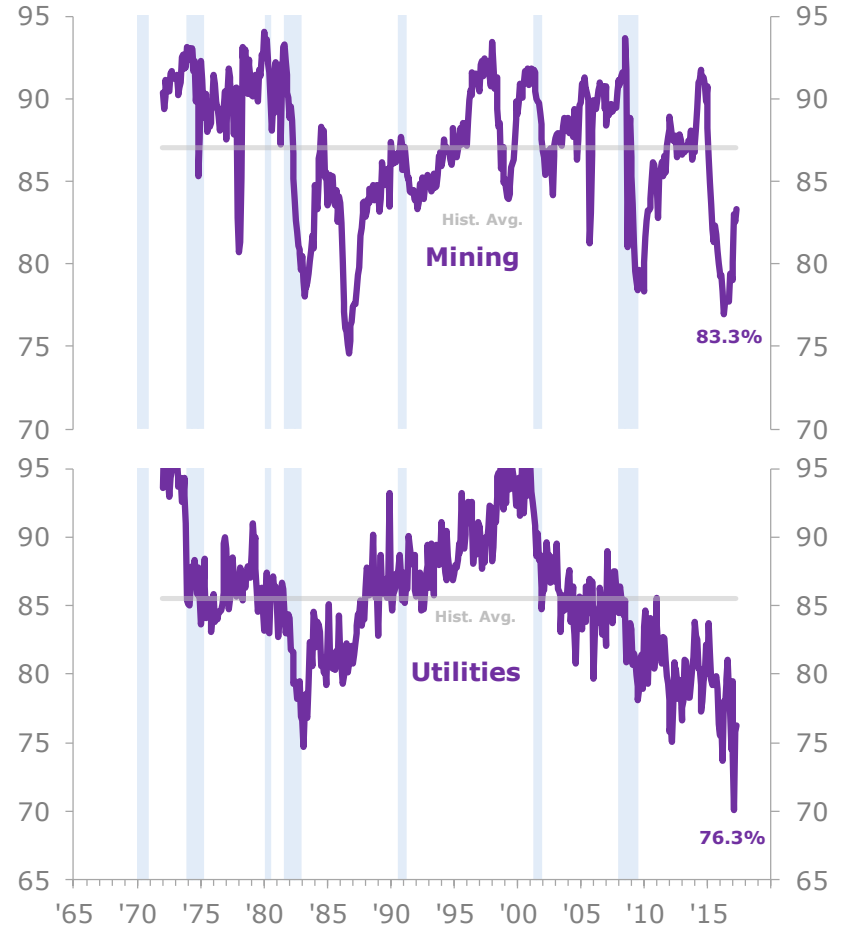
U.S. Industrial Capacity Utilization



Source: Floating Path, Federal Reserve

...Indicating Little Need For Additional Investment To Expand Capacity

U.S. Industrial Capacity Utilization



Source: Floating Path, Federal Reserve