

MARKET EXPECTATIONS SURVEY

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U.S. employment increased by just 75,000 in May, well below the consensus expectation of 180,000. This was the weakest month for job growth since a gain of 56,000 in February. April job growth was revised substantially lower, to 224,000 from 263,000, while March job growth was also revised down to 153,000, from 189,000. The combined downward revision was large 75,000. Employment in the private sector rose by 90,000 in May, while government employment fell by 15,000. Job growth has averaged 165,000 per month so far in 2019, down from better than 220,000 per month last year.

The unemployment rate held steady at 3.6 percent, its lowest level since 1969. Employment in the household survey (different from the survey of employers) rose by 113,000, while the number of people in the labor force rose by 168,000. The labor force participation rate held steady at 62.8 percent in May.

Average hourly earnings rose 0.2 percent over the month, in line with the recent trend, and were up 3.1 percent from one year earlier, a slight slowing from April. The tight labor market is forcing businesses to raise pay to remain competitive.

The softness in job growth was due primarily to slower growth in most industries, and not job losses in some industries, suggesting that the weakness could be due to uncertainty in the economy. Private-service providing industries added 82,000 jobs over the month. There were job losses in retail trade; that industry has been losing jobs for a couple of years with the increasing prevalence of online sales. Good-producing industries added 8,000 jobs in May, with small gains in both construction and retail.

The May jobs report was disappointing, with much weaker job growth than expected. This could simply be one month of softness, and job growth could bounce back, as it did after a disappointing February. Or it could be that uncertainty, particularly over the trade outlook, has caused businesses to turn more cautious. The tight labor market and an inability to find workers may also be weighing on job growth.

Assuming that the trade situation does not deteriorate further, job growth should stay near its current pace of around 160,000 per month through the rest of this year, with the unemployment rate ending 2019 at around 3.5 percent. However, economic growth risks are weighted to the downside. A trade war is the biggest risk, as disputes between the U.S. and its major trading partners could lead to reduced exports, greater business cautiousness, disrupted supply lines, and higher prices for consumers.

The Federal Open Market Committee is likely to maintain the fed funds rate in its current range of 2.25 to 2.50 percent when it meets on June 18-19. However, if June job numbers are also soft, the FOMC could start to cut rates later this year.

| ACTION ECONOMICS SURVEY | Last Actual | PNC FINANCIAL SERVICES GROUP COMMENT |
|--|---------------------|---|
| <p>Fed Funds Rate Target Range Mid-Point (after the FOMC meeting on 6/19/19) Range: 2.25 to 2.50 percent Median: 2.38 percent</p> | <p>1.88%</p> | <p>At their upcoming June 18-19 meeting, we expect the Federal Open Market Committee will keep the fed funds rate in its current 2.25 to 2.50 percent target range. Once again they will likely cite global economic and financial developments and muted inflation pressures as reasons to remain "patient" in making changes to the fed funds rate. Fed funds futures are pricing in a 94 percent chance of at least one 25 bps rate cut by September 2019.</p> |

| ACTION ECONOMICS SURVEY | Last Actual | PNC FINANCIAL SERVICES GROUP COMMENT |
|--|------------------------------|--|
| May PPI (6/11, Tuesday) Range: 0.0 to 0.4 percent Median: 0.2 percent | 0.2% (Apr) | <u>Up</u> 0.2 percent. |
| May PPI (ex-food & energy) (6/11, Tuesday) Range: 0.1 to 0.3 percent Median: 0.2 percent | 0.4% (Apr) | <u>Up</u> 0.2 percent. |
| May CPI (6/12, Wednesday) Range: 0.1 to 0.2 percent Median: 0.1 percent | 0.3% (Apr) | <u>Up</u> 0.2 percent. Gasoline prices rose slightly but are falling in June. |
| May CPI (ex-food & energy) (6/12, Wednesday) Range: 0.1 to 0.2 percent Median: 0.2 percent | 0.1% (Apr) | <u>Up</u> 0.2 percent. |
| May Export Price Index (6/13, Thursday) Range: -1.0 to 0.4 percent Median: -0.1 percent | 0.2% (Apr) | <u>Up</u> 0.2 percent. |
| May Import Price Index (6/13, Thursday) Range: -1.0 to 0.2 percent Median: -0.3 percent | 0.2% (Apr) | <u>Up</u> 0.1 percent. |
| May Retail Sales (6/14, Friday) Range: 0.3 to 2.0 percent Median: 0.6 percent | -0.2% (Apr) | <u>Up</u> 0.7 percent. |
| May Retail Sales (ex-auto) (6/14, Friday) Range: 0.1 to 1.2 percent Median: 0.4 percent | 0.1% (Apr) | <u>Up</u> 0.4 percent. Control sales (excluding vehicle, building materials, and gasoline and restaurant sales) <u>up</u> 0.4 percent. |
| May Industrial Production (6/14, Friday) Range: -0.8 to 0.5 percent Median: 0.2 percent | -0.5% (Apr) | <u>Up</u> 0.2 percent. |

| ACTION ECONOMICS SURVEY | Last Actual | PNC FINANCIAL SERVICES GROUP COMMENT |
|--|-------------------------------|---|
| May Capacity Utilization (6/14, Friday) Range: 77.5 to 78.2 percent Median: 78.0 percent | 77.9% (Apr) | <u>Up</u> to 78 percent. |
| Apr Business Inventories (6/14, Friday) Range: -0.1 to 0.6 percent Median: 0.3 percent | 0.0% (Mar) | <u>Up</u> 0.5 percent. Sales <u>down</u> 0.3 percent. |
| June U Mich Consumer Sentiment (prelim) (6/14, Friday) Range: 97.0 to 101.0 Median: 98.0 | 100.0 (May) | <u>Down</u> slightly to 99. |
| May Housing Starts (6/18, Tuesday) Range: 1.235 to 1.277 million Median: 1.240 million | 1.235M (Apr) | <u>Down</u> slightly to 1.22 million. Building permits <u>up</u> to 1.31 million. |
| May Leading Indicators (6/20, Thursday) Range: 0.0 to 0.2 percent Median: 0.2 percent | 0.2% (Apr) | Unchanged. |
| May Existing Home Sales (6/21, Friday) Range: 5.200 to 5.350 million Median: 5.245 million | 5.190M (Apr) | <u>Up</u> to 5.35 million. |

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MONTHLY CALENDAR OF ECONOMIC DATA

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May/June 2019

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|------------------|----------|---------|-----|-------|-------|------|-------|-------|-----|-----|-----|--|---|---------|----------|---------|----------|---------|----------|---------|----------|---------|-------|-----|---|-------|--|-----------|---|---|----------|-------------|-------|-------|-------|-------|-----|-----|-------|-----|------|-------|------|---|-------------------------|------|-----|-------------------------|-----|------|--|-----|---------|----------|---------|--|---------|-------|--------------|------------------|-------|------|-----|-------|-----|------|-------|-----|-----|-------|-------|------|--------------------------|------|------|--------------------------|-----|------|--|--|--------|-----------|-------|------|------|------|-----|------|-----|-----|-----|-----|---------|-----|---------|-----|---------|
| <p>27</p> <p>Memorial Day Holiday (Markets Closed)</p> | <p>28</p> <p>CASE-SHILLER HPI 20-City Composite(SA)</p> <table border="1"> <thead> <tr> <th></th> <th>M/M</th> <th>Y/Y</th> </tr> </thead> <tbody> <tr> <td>Jan</td> <td>0.1%</td> <td>3.5%</td> </tr> <tr> <td>Feb</td> <td>0.3</td> <td>2.9</td> </tr> <tr> <td>Mar</td> <td>0.1</td> <td>2.6</td> </tr> </tbody> </table> <p>CB CONSUMER CONFIDENCE</p> <table border="1"> <thead> <tr> <th></th> <th>Total</th> <th>Current</th> <th>Expect</th> </tr> </thead> <tbody> <tr> <td>Mar</td> <td>124.2</td> <td>163.0</td> <td>98.3</td> </tr> <tr> <td>Apr</td> <td>129.2</td> <td>169.0</td> <td>103.0</td> </tr> <tr> <td>May</td> <td>134.1</td> <td>175.2</td> <td>106.6</td> </tr> </tbody> </table> | | M/M | Y/Y | Jan | 0.1% | 3.5% | Feb | 0.3 | 2.9 | Mar | 0.1 | 2.6 | | Total | Current | Expect | Mar | 124.2 | 163.0 | 98.3 | Apr | 129.2 | 169.0 | 103.0 | May | 134.1 | 175.2 | 106.6 | <p>29</p> | <p>30</p> <p>GROSS DOMESTIC PRODUCT 1st Qtr (2nd estimate)</p> <table border="1"> <thead> <tr> <th></th> <th>Real GDP</th> <th>Price Index</th> </tr> </thead> <tbody> <tr> <td>1Q'18</td> <td>2.2%</td> <td>2.0%</td> </tr> <tr> <td>2Q'18</td> <td>4.2</td> <td>3.0</td> </tr> <tr> <td>3Q'18</td> <td>3.4</td> <td>1.8</td> </tr> <tr> <td>4Q'18</td> <td>2.2</td> <td>1.7</td> </tr> <tr> <td>1Q'19(1st)</td> <td>3.2</td> <td>0.9</td> </tr> <tr> <td>1Q'19(2nd)</td> <td>3.1</td> <td>0.8</td> </tr> </tbody> </table> | | Real GDP | Price Index | 1Q'18 | 2.2% | 2.0% | 2Q'18 | 4.2 | 3.0 | 3Q'18 | 3.4 | 1.8 | 4Q'18 | 2.2 | 1.7 | 1Q'19(1 st) | 3.2 | 0.9 | 1Q'19(2 nd) | 3.1 | 0.8 | <p>31</p> <p>PERSONAL</p> <table border="1"> <thead> <tr> <th></th> <th>Income</th> <th>Spending</th> </tr> </thead> <tbody> <tr> <td>Feb</td> <td>0.2%</td> <td>0.0%</td> </tr> <tr> <td>Mar</td> <td>0.1</td> <td>1.1</td> </tr> <tr> <td>Apr</td> <td>0.5</td> <td>0.3</td> </tr> </tbody> </table> <p>May Chicago PMI May U Mich Consumer Sentiment (final)</p> | | Income | Spending | Feb | 0.2% | 0.0% | Mar | 0.1 | 1.1 | Apr | 0.5 | 0.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | M/M | Y/Y | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jan | 0.1% | 3.5% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb | 0.3 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | 0.1 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total | Current | Expect | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | 124.2 | 163.0 | 98.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | 129.2 | 169.0 | 103.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May | 134.1 | 175.2 | 106.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Real GDP | Price Index | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1Q'18 | 2.2% | 2.0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2Q'18 | 4.2 | 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3Q'18 | 3.4 | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4Q'18 | 2.2 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1Q'19(1 st) | 3.2 | 0.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1Q'19(2 nd) | 3.1 | 0.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Income | Spending | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb | 0.2% | 0.0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | 0.1 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | 0.5 | 0.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>June 3</p> <p>ISM MFG INDEX</p> <table border="1"> <tbody> <tr> <td>Mar</td> <td>55.3%</td> </tr> <tr> <td>Apr</td> <td>52.8</td> </tr> <tr> <td>May</td> <td>52.1</td> </tr> </tbody> </table> <p>CONSTRUCTION SPENDING</p> <table border="1"> <tbody> <tr> <td>Feb</td> <td>1.0%</td> </tr> <tr> <td>Mar</td> <td>0.1</td> </tr> <tr> <td>Apr</td> <td>0.0</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th></th> <th>Autos Dom</th> <th>Light For Truck</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Mar</td> <td>3.8</td> <td>1.5</td> <td>12.2</td> </tr> <tr> <td>Apr</td> <td>3.5</td> <td>1.4</td> <td>11.5</td> </tr> <tr> <td>May</td> <td>3.6</td> <td>1.4</td> <td>12.4</td> </tr> </tbody> </table> | Mar | 55.3% | Apr | 52.8 | May | 52.1 | Feb | 1.0% | Mar | 0.1 | Apr | 0.0 | | Autos Dom | Light For Truck | Total | Mar | 3.8 | 1.5 | 12.2 | Apr | 3.5 | 1.4 | 11.5 | May | 3.6 | 1.4 | 12.4 | <p>4</p> <p>MANUFACTURERS'</p> <table border="1"> <thead> <tr> <th></th> <th>Ship</th> <th>Inv</th> <th>Orders</th> </tr> </thead> <tbody> <tr> <td>Feb</td> <td>0.3%</td> <td>0.3%</td> <td>-1.0%</td> </tr> <tr> <td>Mar</td> <td>0.2</td> <td>0.4</td> <td>1.3</td> </tr> <tr> <td>Apr</td> <td>-0.5</td> <td>0.3</td> <td>-0.8</td> </tr> </tbody> </table> | | Ship | Inv | Orders | Feb | 0.3% | 0.3% | -1.0% | Mar | 0.2 | 0.4 | 1.3 | Apr | -0.5 | 0.3 | -0.8 | <p>5</p> <p>ISM NON-MFG INDEX</p> <table border="1"> <tbody> <tr> <td>Mar</td> <td>56.1</td> </tr> <tr> <td>Apr</td> <td>55.5</td> </tr> <tr> <td>May</td> <td>56.9</td> </tr> </tbody> </table> <p>May ADP Employment Survey</p> | Mar | 56.1 | Apr | 55.5 | May | 56.9 | <p>6</p> <p>TRADE BALANCE (\$B)</p> <table border="1"> <tbody> <tr> <td>Feb</td> <td>-\$50.0</td> </tr> <tr> <td>Mar</td> <td>-\$52.0</td> </tr> <tr> <td>Apr</td> <td>-\$50.8</td> </tr> </tbody> </table> <p>Nonfarm Business (Q1 2nd) Productivity & Costs</p> <table border="1"> <thead> <tr> <th></th> <th>Productivity</th> <th>Unit Labor Costs</th> </tr> </thead> <tbody> <tr> <td>1Q'18</td> <td>0.7</td> <td>3.5</td> </tr> <tr> <td>2Q'18</td> <td>2.9</td> <td>-2.8</td> </tr> <tr> <td>3Q'18</td> <td>1.9</td> <td>1.6</td> </tr> <tr> <td>4Q'18</td> <td>1.3</td> <td>-0.4</td> </tr> <tr> <td>1Q'19 (1st)</td> <td>3.6</td> <td>-0.9</td> </tr> <tr> <td>1Q'19 (2nd)</td> <td>3.4</td> <td>-1.6</td> </tr> </tbody> </table> | Feb | -\$50.0 | Mar | -\$52.0 | Apr | -\$50.8 | | Productivity | Unit Labor Costs | 1Q'18 | 0.7 | 3.5 | 2Q'18 | 2.9 | -2.8 | 3Q'18 | 1.9 | 1.6 | 4Q'18 | 1.3 | -0.4 | 1Q'19 (1 st) | 3.6 | -0.9 | 1Q'19 (2 nd) | 3.4 | -1.6 | <p>7</p> <p>EMPLOYMENT REPORT</p> <table border="1"> <thead> <tr> <th></th> <th>U.Rate</th> <th>Jobs(000)</th> </tr> </thead> <tbody> <tr> <td>Mar</td> <td>3.8%</td> <td>+153</td> </tr> <tr> <td>Apr</td> <td>3.6</td> <td>+224</td> </tr> <tr> <td>May</td> <td>3.6</td> <td>+75</td> </tr> </tbody> </table> <p>CONSUMER CREDIT(\$B)</p> <table border="1"> <tbody> <tr> <td>Feb</td> <td>+\$15.5</td> </tr> <tr> <td>Mar</td> <td>+\$11.0</td> </tr> <tr> <td>Apr</td> <td>+\$17.5</td> </tr> </tbody> </table> | | U.Rate | Jobs(000) | Mar | 3.8% | +153 | Apr | 3.6 | +224 | May | 3.6 | +75 | Feb | +\$15.5 | Mar | +\$11.0 | Apr | +\$17.5 |
| Mar | 55.3% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | 52.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May | 52.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb | 1.0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | 0.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Autos Dom | Light For Truck | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | 3.8 | 1.5 | 12.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | 3.5 | 1.4 | 11.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May | 3.6 | 1.4 | 12.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Ship | Inv | Orders | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb | 0.3% | 0.3% | -1.0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | 0.2 | 0.4 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | -0.5 | 0.3 | -0.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | 56.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | 55.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May | 56.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb | -\$50.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | -\$52.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | -\$50.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Productivity | Unit Labor Costs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1Q'18 | 0.7 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2Q'18 | 2.9 | -2.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3Q'18 | 1.9 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4Q'18 | 1.3 | -0.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1Q'19 (1 st) | 3.6 | -0.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1Q'19 (2 nd) | 3.4 | -1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | U.Rate | Jobs(000) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | 3.8% | +153 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | 3.6 | +224 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May | 3.6 | +75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb | +\$15.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | +\$11.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | +\$17.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>10</p> | <p>11</p> <p>PRODUCER PRICE INDEX</p> <table border="1"> <thead> <tr> <th></th> <th>Total</th> <th>Core</th> </tr> </thead> <tbody> <tr> <td>Mar</td> <td>0.6%</td> <td>0.0%</td> </tr> <tr> <td>Apr</td> <td>0.2</td> <td>0.4</td> </tr> <tr> <td>May</td> <td></td> <td></td> </tr> </tbody> </table> | | Total | Core | Mar | 0.6% | 0.0% | Apr | 0.2 | 0.4 | May | | | <p>12</p> <p>CONSUMER PRICE INDEX</p> <table border="1"> <thead> <tr> <th></th> <th>Total</th> <th>Core</th> </tr> </thead> <tbody> <tr> <td>Mar</td> <td>0.4%</td> <td>0.1%</td> </tr> <tr> <td>Apr</td> <td>0.3</td> <td>0.1</td> </tr> <tr> <td>May</td> <td></td> <td></td> </tr> </tbody> </table> | | Total | Core | Mar | 0.4% | 0.1% | Apr | 0.3 | 0.1 | May | | | <p>13</p> <p>Unemployment Claims (000)</p> <table border="1"> <thead> <tr> <th></th> <th>Mar</th> <th>Apr</th> <th>May</th> <th>June</th> </tr> </thead> <tbody> <tr> <td>223</td> <td>197</td> <td>228</td> <td>218</td> <td></td> </tr> <tr> <td>224</td> <td>193</td> <td>212</td> <td></td> <td></td> </tr> <tr> <td>216</td> <td>230</td> <td>212</td> <td></td> <td></td> </tr> <tr> <td>212</td> <td>230</td> <td>218</td> <td></td> <td></td> </tr> <tr> <td>204</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>May Import Price Index</p> | | Mar | Apr | May | June | 223 | 197 | 228 | 218 | | 224 | 193 | 212 | | | 216 | 230 | 212 | | | 212 | 230 | 218 | | | 204 | | | | | <p>14</p> <p>RETAIL SALES</p> <table border="1"> <thead> <tr> <th></th> <th>Total</th> <th>Ex-Autos</th> </tr> </thead> <tbody> <tr> <td>Mar</td> <td>1.7%</td> <td>1.3%</td> </tr> <tr> <td>Apr</td> <td>-0.2</td> <td>0.1</td> </tr> <tr> <td>May</td> <td></td> <td></td> </tr> </tbody> </table> <p>MFG and TRADE</p> <table border="1"> <thead> <tr> <th></th> <th>Inv</th> <th>Sales</th> </tr> </thead> <tbody> <tr> <td>Feb</td> <td>0.3%</td> <td>0.2%</td> </tr> <tr> <td>Mar</td> <td>0.0</td> <td>1.6</td> </tr> <tr> <td>Apr</td> <td></td> <td></td> </tr> </tbody> </table> <p>IND PROD CAP UTIL</p> <table border="1"> <tbody> <tr> <td>Mar</td> <td>0.2%</td> <td>78.5%</td> </tr> <tr> <td>Apr</td> <td>-0.5</td> <td>77.9</td> </tr> <tr> <td>May</td> <td></td> <td></td> </tr> </tbody> </table> <p>June U Mich Consumer Sentiment (prelim)</p> | | Total | Ex-Autos | Mar | 1.7% | 1.3% | Apr | -0.2 | 0.1 | May | | | | Inv | Sales | Feb | 0.3% | 0.2% | Mar | 0.0 | 1.6 | Apr | | | Mar | 0.2% | 78.5% | Apr | -0.5 | 77.9 | May | | | | | | | | | | |
| | Total | Core | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | 0.6% | 0.0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | 0.2 | 0.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total | Core | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | 0.4% | 0.1% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | 0.3 | 0.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Mar | Apr | May | June | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 223 | 197 | 228 | 218 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 224 | 193 | 212 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 216 | 230 | 212 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 212 | 230 | 218 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 204 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Total | Ex-Autos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | 1.7% | 1.3% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | -0.2 | 0.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Inv | Sales | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Feb | 0.3% | 0.2% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | 0.0 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | 0.2% | 78.5% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | -0.5 | 77.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>17</p> | <p>18</p> <p>HOUSING(000)</p> <table border="1"> <thead> <tr> <th></th> <th>Starts</th> <th>Permits</th> </tr> </thead> <tbody> <tr> <td>Mar</td> <td>1,168</td> <td>1,288</td> </tr> <tr> <td>Apr</td> <td>1,235</td> <td>1,296</td> </tr> <tr> <td>May</td> <td></td> <td></td> </tr> </tbody> </table> | | Starts | Permits | Mar | 1,168 | 1,288 | Apr | 1,235 | 1,296 | May | | | <p>19</p> | <p>20</p> <p>CURRENT ACCOUNT</p> <table border="1"> <tbody> <tr> <td>Q1'2018</td> <td>-\$123.9</td> </tr> <tr> <td>Q2'2018</td> <td>-\$103.6</td> </tr> <tr> <td>Q3'2018</td> <td>-\$126.6</td> </tr> <tr> <td>Q4'2018</td> <td>-\$134.4</td> </tr> <tr> <td>Q1'2019</td> <td></td> </tr> </tbody> </table> <p>LEADING INDICATORS</p> <table border="1"> <tbody> <tr> <td>Mar</td> <td>0.3%</td> </tr> <tr> <td>Apr</td> <td>0.2</td> </tr> <tr> <td>May</td> <td></td> </tr> </tbody> </table> | Q1'2018 | -\$123.9 | Q2'2018 | -\$103.6 | Q3'2018 | -\$126.6 | Q4'2018 | -\$134.4 | Q1'2019 | | Mar | 0.3% | Apr | 0.2 | May | | <p>21</p> <p>EXISTING HOME SALES(000)</p> <table border="1"> <tbody> <tr> <td>Mar</td> <td>5,210</td> </tr> <tr> <td>Apr</td> <td>5,190</td> </tr> <tr> <td>May</td> <td></td> </tr> </tbody> </table> | Mar | 5,210 | Apr | 5,190 | May | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Starts | Permits | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | 1,168 | 1,288 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | 1,235 | 1,296 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Q1'2018 | -\$123.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Q2'2018 | -\$103.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Q3'2018 | -\$126.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Q4'2018 | -\$134.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Q1'2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mar | 0.3% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | 0.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Mar | 5,210 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr | 5,190 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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