

U.S. economic data through mid-May remained consistent with an economy that is expanding while it feels the pressures of low oil prices and increasing oil prices at the same time.

Retail sales increased in April by 1.3 percent, the strongest monthly gain since March 2015. Two forces were at work in April. First, auto sales bounced back after dipping in March. On a unit basis, auto sales fell from a 17.4 million unit rate in February, to a 16.6 million unit rate in March, and then rebounded to 17.3 in April. On a dollar basis, retail sales of autos and parts increased by a strong 3.2 percent in April. The second factor was the price of gasoline, which has increased from a low of \$1.72 per gallon (national average for unleaded) in mid-February to \$2.21 per gallon by the end of April. The nominal value of gasoline station retail sales increased by 2.2 percent in April. Other components of retail sales were generally positive in April, with the exception of building materials, which declined by 1.0 percent. Overall, this was a good report, but that should have been no surprise. After adjusting for price effects, there is a little less to the topline number than meets the eye.

The producer price index for final demand increased by 0.2 percent in April. The energy price index for final demand goods was up by 0.2 percent, following a 1.8 percent gain in March. On a year-over-year basis, the change in the PPI for final demand is back up to zero after an excursion into the negative, which began in February 2015. We expect firming oil prices to support further

gains in inflation indicators through May.

The Job Openings and Labor Turnover Survey for March showed an uptick in the job opening rate to 3.9 percent. This tied the mark for the strongest job opening rate since the series began in December 2000.

However, weekly initial claims numbers for unemployment insurance have drifted up. For the week ending May 7, initial claims for unemployment insurance increased by 20,000, to hit 294,000. The April 16th initial claims number of 248,000 was a multi-decade low. The bounce off of the mid-April low was fed by an increase in manufacturing layoffs. This trend bears watching. We expect that initial claims will level out in the coming weeks.

Total business inventories increased by 0.4 percent in March as the nominal value of retail inventories gained 1.0 percent. Since this is a first quarter number, it does not impact our Q2 GDP estimate.

The National Federation of Independent Business's Small Business Optimism Index for April increased to 93.6. The index has been on a generally downward trend since hitting a recent peak in December 2015.

The preliminary University of Michigan Consumer Sentiment Index for May increased to 95.8, despite rising gasoline prices.

According to the CME Group, there is only a 7.5 percent chance the Federal Reserve will increase the fed funds rate at the upcoming FOMC meeting over June 14/15. The implied odds of at least one rate hike this year are 62.4 percent.

| Survey                                                                            | Last Actual                   | Comerica Economics Commentary                                                                                                            |
|-----------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fed Funds Rate (Effective)</b><br><i>(after the FOMC meeting of 6/14-6/15)</i> | <b>0.36 %</b><br><b>(Mar)</b> | We expect the Fed to strongly telegraph their next rate hike, which they have not yet done. No change to the fed funds rate in mid-June. |
| <b>April CPI (5/17, Tuesday)</b><br>Consensus: 0.4 percent                        | <b>0.1 %</b><br><b>(Mar)</b>  | <u>Up</u> by 0.3 percent. Higher oil and petroleum product prices.                                                                       |
| <b>April CPI Less Food and Energy (5/17, Tuesday)</b><br>Consensus: 0.2 percent   | <b>0.1 %</b><br><b>(Mar)</b>  | <u>Up</u> by 0.2 percent. Core inflation is still moderate, supported by housing.                                                        |
| <b>April Industrial Production (5/17, Tuesday)</b><br>Consensus: 0.3 percent      | <b>-0.6 %</b><br><b>(Mar)</b> | <u>Up</u> by 0.3 percent. Supported by moderate gains in manufacturing output and normalization in utility output.                       |
| <b>April Capacity Utilization (5/17, Tuesday)</b><br>Consensus: 75.0 percent      | <b>74.8 %</b><br><b>(Mar)</b> | <u>Up</u> to 75.2 percent.                                                                                                               |

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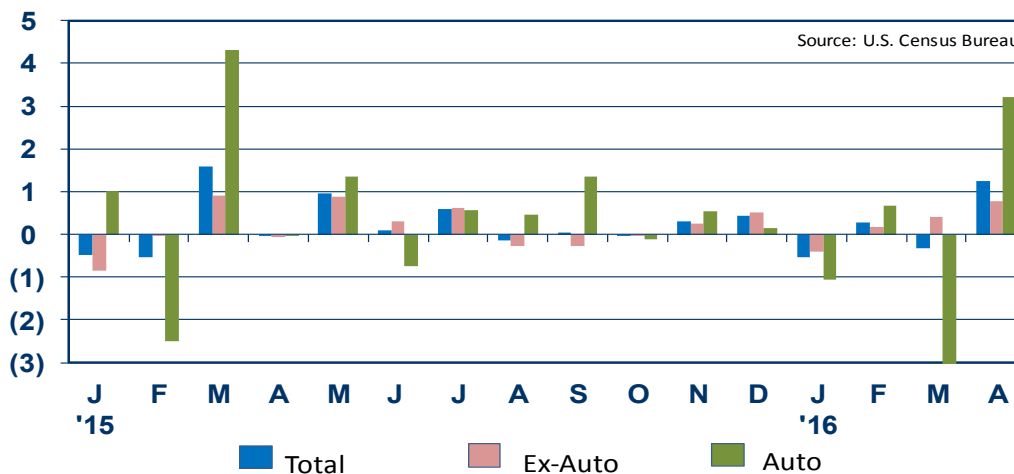
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| Survey                                                                     | Last Actual                    | Comerica Economics Commentary                                                               |
|----------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------|
| <b>April Housing Starts (5/17, Tuesday)</b><br>Consensus: 1,120 k          | <b>1,089 k</b><br><b>(Mar)</b> | <u>Up</u> to a 1,150 k unit annual rate. A modest increase over May.                        |
| <b>April Housing Permits (5/17, Tuesday)</b><br>Consensus: 1,128 k         | <b>1,086 k</b><br><b>(Mar)</b> | <u>Up</u> to a 1,180 k unit annual rate.                                                    |
| <b>April Leading Indicators (5/19, Thursday)</b><br>Consensus: 0.4 percent | <b>0.2 %</b><br><b>(Mar)</b>   | <u>Up</u> by 0.3 percent. Consistent with an increase in Q2 real GDP growth.                |
| <b>April Existing Home Sales (5/20, Friday)</b><br>Consensus: 5,400 k      | <b>5,330 k</b><br><b>(Mar)</b> | <u>Up</u> to a 5,380 k unit annual rate. Mortgage apps for purchase were up in early April. |

## Chart of the Week

### April Retail Sales Gains Strongest in a Year

Retail Sales, percent change



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## May/June

| MONDAY | TUESDAY                                                                                                                                                                                                                                                                                                                                                                                                       | WEDNESDAY                                                                                                                                                                                                                                                               | THURSDAY                                                                                                                                                        | FRIDAY                                                                                                                                                                                                                                                                                                                                 |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9      | 10                                                                                                                                                                                                                                                                                                                                                                                                            | 11                                                                                                                                                                                                                                                                      | 12                                                                                                                                                              | 13                                                                                                                                                                                                                                                                                                                                     |
|        |                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                         | <b>UNEMPLOYMENT CLAIMS</b><br><b>(ths)</b><br>Feb    Mar    Apr    May<br>259   253   266   294<br>260   259   253<br>264   265   248<br>262   276   257<br>274 | <b>RETAIL SALES</b><br><b>Total    Ex-Autos</b><br>Feb    0.3%   0.2%<br>Mar    -0.3%   0.4%<br>Apr    1.3%   0.8%<br><br><b>PRODUCER PRICE INDEX</b><br><b>Total    Core</b><br>Feb    -0.2%   0.1%<br>Mar    -0.1%   0.0%<br>Apr    0.2%   0.3%<br><br><b>U of M Consumer Sentiment (Prelim)</b>                                     |
|        | <b>NFIB JOLTS</b>                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                         |                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                        |
| 16     | 17                                                                                                                                                                                                                                                                                                                                                                                                            | 18                                                                                                                                                                                                                                                                      | 19                                                                                                                                                              | 20                                                                                                                                                                                                                                                                                                                                     |
|        | <b>CONSUMER PRICE INDEX</b><br><b>Total    Core</b><br>Jan    0.0%   0.3%<br>Feb    -0.2%   0.3%<br>Mar    0.1%   0.1%<br><br><b>IND PROD    CAP UTIL</b><br>Jan    0.5%   75.8%<br>Feb    -0.6%   75.3%<br>Mar    -0.6%   74.8%<br><br><b>HOUSING</b><br><b>(ths.)</b><br><b>Starts    Permits</b><br>Jan    1,117   1,204<br>Feb    1,194   1,177<br>Mar    1,089   1,086<br><br><b>Empire State Survey</b> |                                                                                                                                                                                                                                                                         | <b>LEADING INDICATORS</b><br>Jan    -0.2%<br>Feb    -0.1%<br>Mar    0.2%<br><br><b>CFNAI</b><br><b>Philadelphia Fed Survey</b>                                  | <b>EXISTING HOME SALES</b><br><b>(ths)</b><br>Jan    5,470<br>Feb    5,070<br>Mar    5,330                                                                                                                                                                                                                                             |
| 23     | 24                                                                                                                                                                                                                                                                                                                                                                                                            | 25                                                                                                                                                                                                                                                                      | 26                                                                                                                                                              | 27                                                                                                                                                                                                                                                                                                                                     |
|        | <b>NEW HOME SALES</b><br><b>(ths-SAAR)</b><br>Jan    521<br>Feb    519<br>Mar    511                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                         | <b>ADV DURABLE GOODS</b><br><b>Total    Ex-Transp</b><br>Jan    4.3%   1.4%<br>Feb    -3.1%   -1.3%<br>Mar    0.8%   -0.2%                                      | <b>GROSS DOMESTIC PRODUCT</b><br><b>Real GDP    Price Index</b><br>'15Q3   2.0%   1.3%<br>'15Q4   1.4%   0.9%<br>'16Q1   0.5%   0.7%<br><br><b>U of M Consumer Sentiment (Final)</b>                                                                                                                                                   |
| 30     | 31                                                                                                                                                                                                                                                                                                                                                                                                            | June 1                                                                                                                                                                                                                                                                  | 2                                                                                                                                                               | 3                                                                                                                                                                                                                                                                                                                                      |
|        | <b>CASE-SHILLER HPI COMP-20</b><br><b>(SA)</b><br>Dec    182.5<br>Jan    182.4<br>Feb    182.8<br><br><b>INCOME and SPENDING</b><br><b>Income    Spending</b><br>Jan    0.4%   0.2%<br>Feb    0.1%   0.2%<br>Mar    0.4%   0.1%<br><br><b>Consumer Confidence</b>                                                                                                                                             | <b>AUTO SALES</b><br><b>(mln-SAAR)</b><br>Feb    17.6<br>Mar    16.6<br>Apr    17.4<br><br><b>ISM MFG INDEX</b><br>Feb    49.5<br>Mar    51.8<br>Apr    50.8<br><br><b>CONSTRUCTION SPENDING</b><br>Jan    -0.3%<br>Feb    1.0%<br>Mar    0.3%<br><br><b>Beige Book</b> |                                                                                                                                                                 | <b>EMPLOYMENT REPORT</b><br><b>U. Rate    Jobs (ths)</b><br>Feb    4.9%   +233<br>Mar    5.0%   +208<br>Apr    5.0%   +160<br><br><b>TRADE BALANCE</b><br><b>(bln)</b><br>Jan    -\$45.9<br>Feb    -\$47.0<br>Mar    -\$40.4<br><br><b>ISM NON-MFG INDEX</b><br>Feb    53.4<br>Mar    54.5<br>Apr    55.7<br><br><b>ADP Employment</b> |