

Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2012-2017

| BLS Series ID  |  |      |      |      |        | to Jan. 2017 since |       |      | BLS Series ID   |  |       |       |       |        | to Jan. 2017 since |       |      |  |  |  |  |  |  |  |
|--|--|------|------|------|--------|--------------------|-------|------|---|--|-------|-------|-------|--------|--------------------|-------|------|--|--|--|--|--|--|--|
|  |  | 2013 | 2014 | 2015 | 2016   | 12/16              | 10/16 | 1/16 |   |  | 2013  | 2014  | 2015  | 2016   | 12/16              | 10/16 | 1/16 |  |  |  |  |  |  |  |
| <b>Table 1: Changes in consumer, producer &amp; construction prices</b>  |  |      |      |      |        |                    |       |      |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| CUUR0000SA0  | Consumer price index (CPI-U) (through Dec.)                    | 1.7  | 1.5  | 1.7  | 0.8    | 0.0                | 0.0   | 2.1  | WPU057303   | #2 diesel fuel   | -1.0  | -3.3  | -40.8 | -34.7  | 2.2                | 1.1   | 34.8 |  |  |  |  |  |  |  |
| WPUFD4   | Producer price index (PPI) for final demand                    | 1.6  | 1.3  | 0.0  | 0.0    | 0.5                | 0.7   | 1.6  | WPU1394   | Paving mixtures and blocks (asphalt)                     | 3.6   | 1.4   | 1.0   | -3.8   | 7.5                | 7.3   | -0.9 |  |  |  |  |  |  |  |
| WPUFD43  | Final demand construction                                      | 1.3  | 3.2  | 2.0  | 1.3    | 0.3                | 0.3   | 1.3  | WPU136  | Asphalt felts and coatings                               | -0.2  | -1.6  | 2.1   | -5.5   | 0.1                | -1.2  | -0.2 |  |  |  |  |  |  |  |
| WPUFD431   | Construction for private capital investment                    | 1.4  | 3.3  | 2.1  | 1.2    | 0.3                | 0.3   | 1.4  | WPU1361   | Prepared asphalt & tar roofing & siding products         | 0.0   | -0.7  | 2.6   | -3.0   | -0.1               | -1.3  | 0.1  |  |  |  |  |  |  |  |
| WPUFD432   | Construction for government                                    | 1.0  | 3.2  | 1.8  | 1.4    | 0.4                | 0.3   | 1.1  |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU80  | Construction (partial)   | 1.3  | 3.0  | 2.1  | 1.3    | 0.3                | 0.4   | 1.5  | WPU1322   | Cement   | 4.7   | 2.6   | 8.0   | 6.4    | 2.1                | 1.1   | 3.0  |  |  |  |  |  |  |  |
| WPU801   | New nonresidential building construction                       | 1.3  | 3.4  | 2.0  | 1.2    | 0.4                | 0.3   | 1.4  | WPU133  | Concrete products  | 2.3   | 3.2   | 4.9   | 2.8    | 0.4                | 1.1   | 3.0  |  |  |  |  |  |  |  |
| WPU801101  | New warehouse building construction                            | 2.9  | 2.6  | 2.1  | 1.5    | 0.4                | 0.4   | 2.0  | WPU1331   | Concrete block and brick                                 | 0.8   | 3.6   | 2.4   | 1.6    | 0.4                | 0.4   | 2.0  |  |  |  |  |  |  |  |
| WPU801102  | New school building construction                               | 1.1  | 3.8  | 1.6  | 1.6    | 0.5                | 0.3   | 0.8  | WPU1332   | Concrete pipe  | 4.8   | 3.1   | 3.7   | 1.6    | 1.8                | 2.1   | 2.6  |  |  |  |  |  |  |  |
| WPU801103  | New office building construction                               | 0.9  | 2.9  | 2.5  | 1.6    | 0.5                | 0.5   | 1.9  | WPU1333   | Ready-mixed concrete                                     | 2.5   | 3.5   | 5.2   | 3.7    | 0.3                | 1.2   | 3.2  |  |  |  |  |  |  |  |
| WPU801104  | New industrial building construction                           | 1.4  | 4.0  | 1.9  | 1.3    | 0.3                | 0.2   | 0.8  | WPU1334   | Precast concrete products                                | 2.1   | 1.8   | 6.4   | 1.6    | 0.6                | 0.7   | 1.2  |  |  |  |  |  |  |  |
| WPU801105  | New health care building construction                          |      | 3.8  | 1.4  | -0.4   | -0.4               | -0.5  | 0.9  | WPU1335   | Prestressed concrete products                            | 1.9   | 2.5   | 2.3   | -0.9   | 0.3                | 0.1   | 11.4 |  |  |  |  |  |  |  |
| WPU802   | Maint & repair of nonres buildings (partial)                   | 1.0  | 2.0  | 2.0  | 1.5    | 0.3                | 0.7   | 2.1  | WPU1342   | Brick and structural clay tile                           | -1.4  | 2.3   | 2.2   | 1.1    | -0.6               | 0.2   | 0.0  |  |  |  |  |  |  |  |
| <b>Table 2: Changes in PPIs for new, repair &amp; maintenance work by subcontractors</b>                               |  |      |      |      |        |                    |       |      |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| PCU23811X  | Concrete contractors, nonresidential building work             | 1.2  | 1.7  | 2.4  | 3.5    | -0.1               | 0.0   | 4.1  | WPU0721   | Plastic construction products                            | 3.5   | 0.1   | 1.0   | 0.2    | 0.1                | 0.1   | 0.9  |  |  |  |  |  |  |  |
| PCU23816X  | Roofing contractors, nonresidential building work              | 2.1  | 2.9  | 3.9  | 1.1    | 0.2                | 1.1   | 2.0  | WPU1311   | Flat glass   | 2.8   | 2.2   | 3.4   | 5.6    | 0.2                | 0.4   | 2.2  |  |  |  |  |  |  |  |
| PCU23821X  | Electrical contractors, nonresidential building work           | -0.2 | 1.8  | 0.9  | 5.6    | 0.0                | 0.1   | -0.8 | WPU137  | Gypsum products  | 20.4  | 13.6  | 1.9   | -2.6   | 0.8                | 1.0   | 2.7  |  |  |  |  |  |  |  |
| PCU23822X  | Plumbing contractors, nonresidential building work             | 1.4  | 4.8  | 1.4  | -2.0   | 0.4                | 0.2   | 0.2  | WPU1392   | Insulation materials                                     | 4.8   | 6.8   | 1.8   | 3.6    | -0.2               | 0.3   | -0.6 |  |  |  |  |  |  |  |
| <b>Table 3: Changes in PPIs for inputs to construction industries, excluding capital investment, labor and imports</b> |  |      |      |      |        |                    |       |      |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPUIP230000  | Inputs to construction industries                              |      |      |      | -1.3   | 0.7                | 1.1   | 3.1  | WPUS1004011   | Lumber and plywood                                       | 15.5  | 7.6   | 1.0   | -7.3   | -0.4               | -0.5  | 3.7  |  |  |  |  |  |  |  |
| WPUIP2300001   | Inputs to construction industries, goods                       | 1.4  | 1.3  | -3.5 | -2.7   | 1.0                | 1.0   | 3.8  | WPU062101   | Architectural coatings                                   | 0.4   | -0.7  | -1.0  | -1.8   | -0.2               | -0.2  | 0.9  |  |  |  |  |  |  |  |
| WPUIP23000012  | Inputs to construction industries, energy                      |      |      |      | -20.5  | 6.1                | 3.9   | 28.8 | WPU1017   | Steel mill products                                      | -8.6  | 0.3   | -1.1  | -19.2  | 1.6                | 1.7   | 11.4 |  |  |  |  |  |  |  |
| WPUIP23000013  | Inputs to construction industries, goods less foods and energy |      |      |      | -0.6   | 0.5                | 0.7   | 1.5  | WPU10170404   | Hot-rolled structural shapes, carbon                     | -8.5  | -5.2  | -2.7  | -100.0 |                    |       |      |  |  |  |  |  |  |  |
| WPUIP2300002   | Inputs to construction industries, services                    |      |      |      | 0.7    | 0.1                | 1.3   | 2.1  | WPU101706   | Steel pipe and tube                                      | -9.5  | -2.0  | -0.8  | -15.5  | 0.4                | 3.3   | 5.9  |  |  |  |  |  |  |  |
| WPUIP231000  | Inputs to new construction                                     |      |      |      | -1.1   | 0.7                | 1.1   | 3.1  | WPU102502   | Copper and brass mill shapes                             | 3.0   | -5.3  | -8.7  | -18.0  | -1.1               | 12.1  | 19.9 |  |  |  |  |  |  |  |
| WPUIP231200  | New nonresidential construction                                |      |      |      | -1.8   | 0.5                | 0.8   | 3.0  | WPU102501   | Aluminum mill shapes                                     | 0.2   | -4.7  | 7.7   | -11.7  | 0.9                | 3.2   | 4.9  |  |  |  |  |  |  |  |
| WPUIP231211  | Commercial structures  |      |      |      | -1.4   | 0.4                | 0.7   | 2.9  | WPU1073   | Sheet metal products                                     | -1.8  | -0.7  | 2.2   | -2.2   | 0.0                | 0.1   | 2.2  |  |  |  |  |  |  |  |
| WPUIP231212  | Healthcare structures  |      |      |      | -1.4   | 0.4                | 0.6   | 2.7  | WPU107405   | Fabricated structural metal                              | 1.3   | -0.4  | 0.5   | -3.0   | 0.1                | -0.9  | 2.7  |  |  |  |  |  |  |  |
| WPUIP231220  | Industrial structures  |      |      |      | -1.0   | 0.5                | 0.9   | 2.5  | WPU1074051  | Fabricated structural metal bar joists & rebar           | 2.3   | 0.2   | 3.0   | -0.6   | -0.1               | 1.6   | 5.4  |  |  |  |  |  |  |  |
| WPUIP231230  | Other nonresidential   |      |      |      | -2.0   | 0.7                | 0.9   | 3.2  | WPU10740514   | Fabricated structural metal for non-industrial buildings | 2.4   | 0.3   | 2.6   | 0.0    | -0.4               | 1.3   | 4.4  |  |  |  |  |  |  |  |
| WPUIP231231  | Highways and streets   |      |      |      | -2.3   | 1.1                | 1.1   | 4.0  | WPU10740553   | Fabricated structural metal for bridges                  | -3.9  | 4.9   | -0.5  | -6.8   | 3.1                | 3.7   | -4.7 |  |  |  |  |  |  |  |
| WPUIP2312321   | Power and communications structures                            |      |      |      | -4.6   | 1.0                | 1.0   | 5.3  | WPU107408   | Ornamental and architectural metal work                  | 1.1   | 0.4   | 4.1   | -1.2   | 0.2                | 1.4   | 2.5  |  |  |  |  |  |  |  |
| WPUIP231233  | Educational and vocational structures                          |      |      |      | -1.3   | 0.2                | 0.6   | 2.3  | WPU1076   | Fabricated steel plate                                   | 2.6   | -0.6  | 1.2   | -1.2   | 0.3                | 1.0   | 0.8  |  |  |  |  |  |  |  |
| WPUIP2312341   | Other misc. nonresidential construction                        |      |      |      | -3.6   | 1.0                | 0.8   | 4.6  | WPU1079   | Prefabricated metal buildings                            | -0.5  | 4.5   | 3.3   | -3.0   | 3.6                | 3.0   | 8.7  |  |  |  |  |  |  |  |
| WPUIP231100  | New residential construction                                   |      |      |      | -0.6   | 0.7                | 1.3   | 2.9  | WPU112  | Construction machinery and equipment                     | 3.6   | 1.7   | 1.7   | 1.0    | 0.4                | 0.5   | 0.7  |  |  |  |  |  |  |  |
| WPUIP231110  | Single-family  |      |      |      | -0.5   | 0.7                | 1.3   | 3.0  | WPU07120105   | Truck & bus (incl. off-the-highway) pneumatic tires      | -2.0  | -2.5  | -1.9  | -2.7   | -0.8               | -0.8  | -0.8 |  |  |  |  |  |  |  |
| WPUIP231120  | Multifamily  |      |      |      | -0.6   | 0.4                | 1.1   | 3.2  | <b>Table 6: Changes in PPIs for unprocessed goods important to construction</b> |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPUIP232000  | Maintenance and repair construction                            |      |      |      | -1.9   | 0.7                | 1.1   | 3.2  | WPU058102   | Asphalt (at refinery)                                    | -7.7  | -2.5  | -9.3  | -44.1  | -6.3               | 3.9   | 2.1  |  |  |  |  |  |  |  |
| WPUIP232200  | Nonresidential maintenance and repair                          |      |      |      | -2.2   | 0.8                | 1.2   | 3.4  | WPU1321   | Construction sand/gravel/crushed stone                   | 2.7   | 3.4   | 3.5   | 4.8    | 1.5                | 1.6   | 3.7  |  |  |  |  |  |  |  |
| WPUIP232100  | Residential maintenance and repair                             |      |      |      | -1.4   | 0.8                | 1.4   | 3.0  | WPU1012   | Iron and steel scrap                                     | -21.2 | 17.1  | -22.9 | -46.0  | 14.8               | 47.1  | 69.6 |  |  |  |  |  |  |  |
| <b>Table 4: Changes in PPIs for services important to construction</b>   |  |      |      |      |        |                    |       |      |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU4531  | Architectural services   | 0.1  | 1.9  | 2.4  | 1.5    | 0.3                | -0.2  | 1.2  | WPU101212   | Stainless and alloy steel scrap                          | -13.2 | -14.1 | -9.0  | -36.6  | 0.4                | 13.2  | 35.5 |  |  |  |  |  |  |  |
| WPU4532  | Engineering services   | 1.5  | 1.6  | 2.0  | 2.6    | 0.1                | 0.6   | 1.7  | WPU102301   | Copper base scrap  | 1.0   | -7.0  | -16.5 | -27.1  | 0.0                | 9.5   | 13.5 |  |  |  |  |  |  |  |
| WPU3012  | Truck transportation of freight                                | 2.3  | 1.3  | -0.2 | -1.2   | 0.7                | 1.1   | 0.9  | <b>Table 7: Changes in ECIs for total compensation, wages &amp; salaries</b>    |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU443   | Const, mining & forestry mach & eq rental & leasing            | 2.2  | -6.4 | 4.3  | -4.8   | -0.4               | 0.5   | -0.7 | CIU20100  | Private industry--total compensation (through Dec.)      | 2.0   | 2.3   | 1.9   | 2.2    |                    | 0.3   | 2.2  |  |  |  |  |  |  |  |
| <b>Table 5: Changes in PPIs for processed goods important to construction</b>  |  |      |      |      |        |                    |       |      |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU0721  | Plastic construction products                                  | 3.5  | 0.1  | 1.0  | 0.2    | 0.1                | 0.1   | 0.9  | CIU20123  | Construction--total compensation (through Dec.)          | 2.0   | 1.8   | 2.2   | 1.9    |                    | 0.7   | 1.9  |  |  |  |  |  |  |  |
| WPU1311  | Flat glass   | 2.8  | 2.2  | 3.4  | 5.6    | 0.2                | 0.4   | 2.2  | CIU20200  | Private industry--wages and salaries (through Dec.)      | 2.1   | 2.2   | 2.1   | 2.3    |                    | 0.3   | 2.3  |  |  |  |  |  |  |  |
| WPU137   | Gypsum products  | 20.4 | 13.6 | 1.9  | -2.6   | 0.8                | 1.0   | 2.7  | CIU20223  | Construction--wages and salaries (through Dec.)          | 1.6   | 1.9   | 2.6   | 2.1    |                    | 0.9   | 2.1  |  |  |  |  |  |  |  |
| WPU1392  | Insulation materials   | 4.8  | 6.8  | 1.8  | 3.6    | -0.2               | 0.3   | -0.6 |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPUS1004011  | Lumber and plywood   | 15.5 | 7.6  | 1.0  | -7.3   | -0.4               | -0.5  | 3.7  |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU062101  | Architectural coatings   | 0.4  | -0.7 | -1.0 | -1.8   | -0.2               | -0.2  | 0.9  |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU1017  | Steel mill products  | -8.6 | 0.3  | -1.1 | -19.2  | 1.6                | 1.7   | 11.4 |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU10170404  | Hot-rolled structural shapes, carbon                           | -8.5 | -5.2 | -2.7 | -100.0 |                    |       |      |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU101706  | Steel pipe and tube  | -9.5 | -2.0 | -0.8 | -15.5  | 0.4                | 3.3   | 5.9  |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU102502  | Copper and brass mill shapes                                   | 3.0  | -5.3 | -8.7 | -18.0  | -1.1               | 12.1  | 19.9 |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU102501  | Aluminum mill shapes   | 0.2  | -4.7 | 7.7  | -11.7  | 0.9                | 3.2   | 4.9  |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU1073  | Sheet metal products   | -1.8 | -0.7 | 2.2  | -2.2   | 0.0                | 0.1   | 2.2  |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU107405  | Fabricated structural metal                                    | 1.3  | -0.4 | 0.5  | -3.0   | 0.1                | -0.9  | 2.7  |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU1074051   | Fabricated structural metal bar joists & rebar                 | 2.3  | 0.2  | 3.0  | -0.6   | -0.1               | 1.6   | 5.4  |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU10740514  | Fabricated structural metal for non-industrial buildings       | 2.4  | 0.3  | 2.6  | 0.0    | -0.4               | 1.3   | 4.4  |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU10740553  | Fabricated structural metal for bridges                        | -3.9 | 4.9  | -0.5 | -6.8   | 3.1                | 3.7   | -4.7 |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU107408  | Ornamental and architectural metal work                        | 1.1  | 0.4  | 4.1  | -1.2   | 0.2                | 1.4   | 2.5  |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU1076  | Fabricated steel plate   | 2.6  | -0.6 | 1.2  | -1.2   | 0.3                | 1.0   | 0.8  |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU1079  | Prefabricated metal buildings                                  | -0.5 | 4.5  | 3.3  | -3.0   | 3.6                | 3.0   | 8.7  |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU112   | Construction machinery and equipment                           | 3.6  | 1.7  | 1.7  | 1.0    | 0.4                | 0.5   | 0.7  |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |
| WPU07120105  | Truck & bus (incl. off-the-highway) pneumatic tires            | -2.0 | -2.5 | -1.9 | -2.7   | -0.8               | -0.8  | -0.8 |   |  |       |       |       |        |                    |       |      |  |  |  |  |  |  |  |