

## Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2011-2016

BLS Series ID

**Table 1: Changes in consumer, producer & construction prices**

|            |                                              | 2011 | 2012 | 2013 | 2014 | 2015 | to Apr. 2016 since |      |      |
|------------|----------------------------------------------|------|------|------|------|------|--------------------|------|------|
|            |                                              |      |      |      |      |      | 3/16               | 1/15 | 4/15 |
| CUUR000SA0 | Consumer price index (CPI-U)                 | 3.0  | 1.7  | 1.5  | 0.8  | 0.7  | 0.5                | 1.0  | 1.1  |
| WPUFD4     | Producer price index (PPI) for final demand  | 3.2  | 1.9  | 1.2  | 0.9  | -1.1 | 0.1                | 0.3  | 0.0  |
| WPUFD43    | Final demand construction                    | 3.8  | 1.4  | 3.2  | 2.2  | 2.1  | 0.8                | 0.8  | 1.9  |
| WPUFD431   | Construction for private capital investment  | 3.8  | 1.5  | 3.3  | 2.1  | 2.0  | 0.9                | 0.8  | 1.9  |
| WPUFD432   | Construction for government                  | 3.8  | 1.1  | 3.0  | 2.4  | 2.1  | 0.5                | 0.6  | 1.8  |
| WPU80      | Construction (partial)                       | 3.5  | 1.3  | 3.1  | 2.2  | 2.0  | 0.6                | 0.6  | 1.7  |
| WPU801     | New nonresidential building construction     | 4.0  | 1.5  | 3.3  | 2.2  | 2.1  | 0.8                | 0.8  | 1.9  |
| WPU801101  | New warehouse building construction          | 3.7  | 2.6  | 2.9  | 2.3  | 2.1  | 1.2                | 0.9  | 2.7  |
| WPU801102  | New school building construction             | 4.8  | 1.2  | 3.4  | 2.2  | 2.3  | 0.6                | 0.7  | 1.9  |
| WPU801103  | New office building construction             | 3.8  | 1.2  | 2.8  | 2.1  | 2.6  | 0.9                | 0.9  | 1.8  |
| WPU801104  | New industrial building construction         | 3.1  | 1.4  | 4.1  | 1.8  | 2.2  | 0.8                | 0.6  | 1.9  |
| WPU801105  | New health care building construction        |      |      | 4.1  | 1.9  | 0.5  | 0.9                | 1.1  | 1.7  |
| WPU802     | Maint & repair of nonres buildings (partial) | 1.3  | 1.1  | 2.0  | 2.7  | 1.6  | 0.1                | 0.2  | 1.4  |

**Table 2: Changes in PPIs for new, repair & maintenance work by subcontractors**

|           |                                                      | 2011 | 2012 | 2013 | 2014 | 2015 | 3/16 | 1/15 | 4/15 |
|-----------|------------------------------------------------------|------|------|------|------|------|------|------|------|
| PCU23811X | Concrete contractors, nonresidential building work   | 1.2  | -0.1 | 2.6  | 2.0  | 3.9  | 1.2  | 1.2  | 4.3  |
| PCU23816X | Roofing contractors, nonresidential building work    | 4.3  | 2.4  | 1.7  | 4.9  | 1.8  | 0.4  | 0.3  | 1.7  |
| PCU23821X | Electrical contractors, nonresidential building work | 3.8  | 0.5  | 1.8  | 0.9  | 5.8  | 0.2  | 0.2  | 4.1  |
| PCU23822X | Plumbing contractors, nonresidential building work   | 3.6  | 1.0  | 4.9  | 2.3  | -1.1 | 0.9  | 0.7  | -0.3 |

**Table 3: Changes in PPIs for inputs to construction industries, excluding capital investment, labor and imports**

|               |                                                                | 2011 | 2012 | 2013 | 2014 | 2015  | 3/16 | 1/15 | 4/15  |
|---------------|----------------------------------------------------------------|------|------|------|------|-------|------|------|-------|
| WPUIP230000   | Inputs to construction industries                              |      |      |      |      | -2.3  | 0.3  | 0.5  | -1.7  |
| WPUIP2300001  | Inputs to construction industries, goods                       | 5.2  | 1.4  | 1.3  | -0.9 | -4.0  | 0.5  | 0.8  | -2.9  |
| WPUIP23000012 | Inputs to construction industries, energy                      |      |      |      |      | -29.6 | 3.6  | 7.2  | -23.1 |
| WPUIP23000013 | Inputs to construction industries, goods less foods and energy |      |      |      |      | -0.5  | 0.3  | 0.2  | -0.4  |
| WPUIP2300002  | Inputs to construction industries, services                    |      |      |      |      | 0.3   | 0.1  | 0.2  | 0.3   |
| WPUIP231000   | Inputs to new construction                                     |      |      |      |      | -2.2  | 0.3  | 0.5  | -1.6  |
| WPUIP231200   | New nonresidential construction                                |      |      |      |      | -2.8  | 0.4  | 0.5  | -2.2  |
| WPUIP231211   | Commercial structures                                          |      |      |      |      | -2.3  | 0.4  | 0.5  | -1.7  |
| WPUIP231212   | Healthcare structures                                          |      |      |      |      | -2.1  | 0.5  | 0.6  | -1.6  |
| WPUIP231220   | Industrial structures                                          |      |      |      |      | -1.7  | 0.4  | 0.3  | -1.7  |
| WPUIP231230   | Other nonresidential                                           |      |      |      |      | -3.2  | 0.4  | 0.4  | -2.5  |
| WPUIP231231   | Highways and streets                                           |      |      |      |      | -4.0  | 0.5  | 0.4  | -2.8  |
| WPUIP2312321  | Power and communications structures                            |      |      |      |      | -4.0  | 0.5  | 0.6  | -3.0  |
| WPUIP231233   | Educational and vocational structures                          |      |      |      |      | -1.8  | 0.5  | 0.5  | -1.3  |
| WPUIP2312341  | Other misc. nonresidential construction                        |      |      |      |      | -3.4  | 0.5  | 0.7  | -2.6  |
| WPUIP231100   | New residential construction                                   |      |      |      |      | -1.6  | 0.3  | 0.5  | -1.0  |
| WPUIP231110   | Single-family                                                  |      |      |      |      | -1.7  | 0.3  | 0.6  | -0.8  |
| WPUIP231120   | Multifamily                                                    |      |      |      |      | -0.8  | 0.5  | 0.9  | -1.1  |
| WPUIP232000   | Maintenance and repair construction                            |      |      |      |      | -2.9  | 0.3  | 0.3  | -2.3  |
| WPUIP232200   | Nonresidential maintenance and repair                          |      |      |      |      | -3.3  | 0.3  | 0.4  | -2.5  |
| WPUIP232100   | Residential maintenance and repair                             |      |      |      |      | -2.4  | 0.2  | 0.5  | -1.9  |

**Table 4: Changes in PPIs for services important to construction**

|         |                                                     | 2011 | 2012 | 2013 | 2014 | 2015 | 3/16 | 1/15 | 4/15 |
|---------|-----------------------------------------------------|------|------|------|------|------|------|------|------|
| WPU4531 | Architectural services                              | 0.4  | 0.0  | 1.7  | 2.3  | 1.8  | 0.9  | 1.3  | 2.7  |
| WPU4532 | Engineering services                                | 1.8  | 1.9  | 1.1  | 1.9  | 2.5  | -0.1 | 0.2  | 1.5  |
| WPU3012 | Truck transportation of freight                     | 5.6  | 3.2  | 0.9  | 1.1  | -2.2 | 0.5  | -0.6 | -1.3 |
| WPU443  | Const, mining & forestry mach & eq rental & leasing | 5.1  | 1.6  | 0.7  | -3.3 | -3.8 | -2.0 | -2.1 | -4.0 |

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**Table 5: Changes in PPIs for processed goods important to construction**

|             |                                                          | 2011 | 2012 | 2013 | 2014  | 2015  | 3/16 | 1/15 | 4/15  |
|-------------|----------------------------------------------------------|------|------|------|-------|-------|------|------|-------|
| WPU057303   | #2 diesel fuel                                           | 20.0 | 2.1  | -0.9 | -26.9 | -43.1 | 3.9  | 3.1  | -33.0 |
| WPU1394     | Paving mixtures and blocks (asphalt)                     | 8.4  | 4.5  | 1.0  | 2.5   | -6.5  | -3.7 | -5.5 | -5.2  |
| WPU136      | Asphalt felts and coatings                               | 5.8  | -0.4 | -1.2 | 2.4   | -4.7  | -0.2 | -2.0 | -3.9  |
| WPU1361     | Prepared asphalt & tar roofing & siding products         | 2.5  | -0.2 | -0.4 | 2.5   | -2.1  | -0.2 | -1.7 | -1.5  |
| WPU1322     | Cement                                                   | -1.8 | 2.9  | 4.7  | 5.7   | 6.5   | 2.1  | 1.7  | 4.1   |
| WPU133      | Concrete products                                        | 0.9  | 2.5  | 2.6  | 5.1   | 2.9   | 0.9  | 2.0  | 3.1   |
| WPU1331     | Concrete block and brick                                 | 1.1  | 1.2  | 2.1  | 3.2   | 1.9   | 0.2  | 1.1  | 2.2   |
| WPU1332     | Concrete pipe                                            | 1.4  | 4.4  | 3.0  | 3.2   | 2.8   | -0.1 | 0.4  | 2.1   |
| WPU1333     | Ready-mixed concrete                                     | 0.5  | 2.6  | 2.9  | 5.5   | 3.7   | 1.7  | 2.2  | 3.4   |
| WPU1334     | Precast concrete products                                | 2.9  | 2.4  | 1.6  | 6.5   | 1.7   | 0.2  | 0.7  | 1.8   |
| WPU1335     | Prestressed concrete products                            | -3.1 | 1.8  | 2.4  | 2.3   | -0.9  | -4.9 | 9.7  | 8.7   |
| WPU1342     | Brick and structural clay tile                           | -2.6 | -2.6 | 1.4  | 1.4   | 1.3   | 0.1  | -0.1 | 0.2   |
| WPU0721     | Plastic construction products                            | 3.6  | 4.5  | -0.5 | 1.6   | 0.8   | 0.3  | -0.1 | -1.7  |
| WPU1311     | Flat glass                                               | 2.1  | 1.8  | 2.7  | 2.4   | 5.3   | 0.6  | 0.5  | 6.9   |
| WPU137      | Gypsum products                                          | -1.6 | 14.1 | 16.2 | 5.1   | 0.1   | 4.9  | 4.2  | 3.0   |
| WPU1392     | Insulation materials                                     | 5.4  | 5.4  | 6.7  | 2.5   | 0.5   | 2.3  | 4.4  | 4.2   |
| WPU062101   | Lumber and plywood                                       | -0.7 | 11.1 | 10.0 | 3.3   | -7.9  | 1.2  | 2.2  | -2.5  |
| WPU062101   | Architectural coatings                                   | 4.2  | 10.5 | -0.8 | 0.9   | -2.8  | -0.7 | -0.8 | -1.2  |
| WPU1017     | Steel mill products                                      | 12.2 | -8.0 | -0.6 | 0.7   | -19.4 | 2.0  | 1.4  | -11.3 |
| WPU10170404 | Hot-rolled structural shapes, carbon                     | 8.9  | -8.5 | -5.3 | 5.9   | -0.8  | 0.0  | -3.9 | 1.0   |
| WPU101706   | Steel pipe and tube                                      | 13.7 | -6.1 | -5.1 | 0.0   | -16.1 | 1.0  | 0.1  | -8.3  |
| WPU102502   | Copper and brass mill shapes                             | -9.3 | 1.5  | -6.6 | -4.5  | -19.3 | -2.8 | 2.5  | -15.2 |
| WPU102501   | Aluminum mill shapes                                     | 0.6  | -1.9 | -4.6 | 10.9  | -14.0 | -0.6 | 0.2  | -9.7  |
| WPU1073     | Sheet metal products                                     | 3.7  | -1.3 | -2.2 | 2.5   | -1.5  | -0.2 | -0.2 | -3.1  |
| WPU107405   | Fabricated structural metal                              | 3.8  | 1.6  | -0.6 | 1.4   | -3.3  | 1.3  | 1.4  | -2.8  |
| WPU1074051  | Fabricated structural metal bar joists & rebar           | 1.6  | 2.6  | 0.4  | 2.5   | 0.1   | 1.7  | 2.4  | 1.7   |
| WPU10740514 | Fabricated structural metal for non-industrial buildings |      | 2.5  | 0.9  | 2.2   | 0.5   | 1.1  | 1.5  | 1.1   |
| WPU10740553 | Fabricated structural metal for bridges                  |      | -2.3 | -0.9 | 5.8   | -7.5  | -4.7 | -8.4 | -12.6 |
| WPU107408   | Ornamental and architectural metal work                  | 4.5  | 0.6  | 0.4  | 3.1   | 0.1   | 0.3  | -0.1 | -1.0  |
| WPU1076     | Fabricated steel plate                                   | 3.0  | 1.9  | 0.0  | 1.4   | -1.3  | -0.4 | -0.3 | -1.2  |
| WPU1079     | Prefabricated metal buildings                            | 9.8  | -0.6 | 3.2  | 3.6   | -2.0  | -3.8 | -2.3 | -2.7  |
| WPU112      | Construction machinery and equipment                     | 4.2  | 3.7  | 1.5  | 1.6   | 1.2   | 0.0  | 0.0  | 1.0   |
| WPU07120105 | Truck & bus (incl. off-the-highway) pneumatic tires      | 15.5 | -1.6 | -1.6 | -4.3  | -4.2  | 0.0  | 0.3  | -2.1  |

**Table 6: Changes in PPIs for unprocessed goods important to construction**

|           |                                        | 2011 | 2012  | 2013  | 2014  | 2015  | 3/16 | 1/15  | 4/15  |
|-----------|----------------------------------------|------|-------|-------|-------|-------|------|-------|-------|
| WPU058102 | Asphalt (at refinery)                  | 32.1 | -2.5  | -3.3  | 5.2   | -45.5 | -1.4 | -13.8 | -43.7 |
| WPU1321   | Construction sand/gravel/crushed stone | 1.3  | 2.4   | 3.0   | 3.3   | 4.6   | -0.2 | -0.4  | 4.2   |
| WPU1012   | Iron and steel scrap                   | 8.7  | -15.6 | 7.5   | -16.9 | -50.8 | 21.5 | 34.7  | -7.2  |
| WPU101212 | Stainless and alloy steel scrap        | -8.4 | -11.3 | -12.5 | -4.5  | -35.7 | -1.3 | -9.9  | -23.1 |
| WPU102301 | Copper base scrap                      | 0.6  | 0.5   | -6.2  | -11.9 | -28.4 | 4.6  | 7.5   | -17.2 |

**Table 7: Changes in ECIs for total compensation, wages & salaries**

|          |                                                      | 2011 | 2012 | 2013 | 2014 | 2015 | 3/16 | 1/15 | 4/15 |
|----------|------------------------------------------------------|------|------|------|------|------|------|------|------|
| CIU20100 | Private industry--total compensation (through March) | 2.2  | 1.8  | 2.0  | 2.3  | 1.9  | 0.7  | 1.8  |      |
| CIU20123 | Construction--total compensation (through March)     | 1.6  | 1.6  | 2.0  | 1.8  | 2.2  | 0.1  | 2.3  |      |
| CIU20200 | Private industry--wages and salaries (through March) | 1.6  | 1.7  | 2.1  | 2.2  | 2.1  | 0.7  | 2.0  |      |
| CIU20223 | Construction--wages and salaries (through March)     | 1.2  | 1.2  | 1.6  | 1.9  | 2.6  | 0.1  | 2.6  |      |