

Percentage Changes in Producer Price Indexes (PPIs) for Construction Materials and Components, 2001-2008

BLS Series ID

12 months through December--

to June 2008 since--

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 5/08 | 3/08 | 6/07 | 12/03 | |
|---|--|------|------|------|------|------|------|------|------|------|-------|------|
| Table 1: Changes in Consumer, Producer & Construction Prices | | | | | | | | | | | | |
| CUUR0000SA0 Consumer price index (CPI-U) | 1.6 | 2.4 | 1.9 | 3.3 | 3.4 | 2.5 | 4.1 | 1.0 | 2.5 | 5.0 | 18.7 | |
| WPUSOP3000 Producer price index (PPI) for finished goods | -1.6 | 1.2 | 4.0 | 4.2 | 5.4 | 1.1 | 6.3 | 1.6 | 4.0 | 9.2 | 26.3 | |
| WPUSOP2200 PPI for materials and components for construction | 0.0 | 0.8 | 3.0 | 10.1 | 6.1 | 4.3 | 1.8 | 1.4 | 4.6 | 6.8 | 32.6 | |
| PCU236211 New industrial building construction | not available before 2008; series began 6/07 | | | | | | | -0.1 | 0.3 | 3.1 | n.a. | |
| PCU236221 New warehouse construction | not available before 2005 | | | | | | | 0.0 | 0.7 | 4.2 | n.a. | |
| PCU236222 New school construction | not available; series began 12/05 | | | | | | | 1.6 | 1.4 | 3.4 | n.a. | |
| PCU236223 New office construction | not available; series began June 2006 | | | | | | | 4.8 | -0.1 | 0.3 | 3.1 | n.a. |

Table 2: Changes in PPIs Weighted by Construction Types

| | | | | | | | | | | | |
|---|------|-----|-----|------|------|-----|-----|-----|-----|------|------|
| PCUBCON Inputs to construction industries | -0.9 | 0.7 | 3.0 | 9.1 | 8.2 | 4.6 | 4.5 | 1.8 | 5.7 | 10.4 | 43.0 |
| PCUBHWY Highway and street construction | -3.6 | 1.0 | 2.6 | 10.8 | 14.1 | 6.2 | 9.6 | 2.9 | 9.1 | 18.9 | 71.2 |
| PCUBHVV Other heavy construction | -2.6 | 1.0 | 2.6 | 13.4 | 8.8 | 5.5 | 6.4 | 2.5 | 8.4 | 15.7 | 59.9 |
| PCUBBLD Nonresidential buildings | -0.5 | 0.7 | 2.4 | 9.3 | 7.4 | 4.0 | 4.6 | 1.7 | 5.6 | 10.4 | 29.3 |
| PCUBRSM Multi-unit residential | -0.1 | 0.4 | 2.7 | 8.9 | 7.8 | 4.9 | 3.7 | 1.5 | 4.6 | 7.7 | 38.4 |
| PCUBRS1 Single-unit residential | -0.4 | 0.6 | 3.5 | 7.0 | 6.9 | 4.2 | 2.4 | 1.3 | 3.6 | 5.9 | 30.9 |

Table 3: Changes in PPIs for Specific Construction Inputs

| | | | | | | | | | | | |
|--|---------------|------|------|------|------|-------|-------|------|------|-------|-------|
| WPU057303 #2 diesel fuel | -44.7 | 54.4 | 13.0 | 37.9 | 46.7 | 2.3 | 33.9 | 5.7 | 18.5 | 85.0 | 329.2 |
| WPU05810112 Asphalt (at refinery) | not available | | | | | | | 11.7 | 42.3 | 52.5 | 222.3 |
| WPU13940113 Asphalt paving mixtures and blocks | not available | | | | | | | 6.7 | 14.0 | 17.0 | 81.6 |
| WPU136 Asphalt felts and coatings | 4.6 | -0.6 | 6.3 | 4.1 | 15.3 | 5.0 | -2.5 | 3.6 | 12.2 | 15.3 | 42.6 |
| WPU1361 Prepared asphalt & tar roofing & siding products | 5.0 | -1.7 | 5.3 | 4.6 | 16.2 | 5.2 | -2.4 | 3.2 | 12.8 | 15.6 | 44.5 |
| WPU133 Concrete products | 2.5 | -0.3 | 1.5 | 7.6 | 10.1 | 8.1 | 3.3 | 0.7 | 1.9 | 3.8 | 36.5 |
| WPU1331 Concrete block and brick | 2.3 | 1.6 | 3.2 | 4.7 | 8.1 | 6.8 | 3.2 | 0.6 | 1.5 | 2.6 | 27.8 |
| WPU1332 Concrete pipe | 4.4 | 1.7 | 1.4 | 5.5 | 7.5 | 2.5 | 1.1 | 2.7 | 3.5 | 12.7 | 33.2 |
| WPU1333 Ready-mixed concrete | 2.5 | -1.1 | 1.1 | 8.7 | 11.3 | 10.1 | 3.3 | 0.5 | 1.3 | 2.9 | 40.1 |
| WPU1334 Precast concrete products | 0.7 | 0.3 | 2.5 | 6.0 | 6.0 | 4.7 | 4.8 | 0.3 | 3.9 | 4.7 | 28.8 |
| WPU1335 Prestressed concrete products | 5.3 | 1.8 | -0.2 | 8.2 | 14.3 | 4.9 | 1.2 | 0.8 | 1.1 | 2.4 | 35.1 |
| WPU1342 Brick and structural clay tile | 5.3 | 1.9 | 0.7 | 3.0 | 9.4 | 6.0 | -0.2 | -0.5 | -0.9 | -0.8 | 18.7 |
| WPU072106 Plastic construction products | -2.7 | 3.1 | 3.2 | 7.2 | 21.6 | -0.7 | 0.3 | 0.8 | 2.1 | 2.8 | 32.9 |
| WPU137 Gypsum products | 0.4 | 3.4 | 2.8 | 20.0 | 18.8 | 5.5 | -22.2 | -0.4 | -1.5 | -13.8 | 17.2 |
| WPU1392 Insulation materials | 0.4 | -1.5 | 2.0 | 8.6 | 2.6 | 2.1 | -3.3 | -0.3 | -1.1 | -4.6 | 7.9 |
| WPUSI004011 Lumber and plywood | -2.9 | 1.4 | 13.1 | 5.0 | -1.1 | -10.8 | -1.3 | 0.9 | 4.8 | -2.8 | -5.6 |
| WPU062101 Architectural coatings | 2.9 | 0.6 | 3.9 | 5.3 | 9.2 | 6.3 | 4.1 | 0.1 | 0.0 | 4.0 | 32.3 |
| WPU1017 Steel mill products | -6.1 | 11.1 | 1.7 | 48.8 | -3.8 | 11.6 | 1.0 | 8.1 | 26.3 | 30.4 | 121.8 |
| WPU101704 Hot-rolled bars, plates, & structural shapes | -4.3 | 2.1 | 11.3 | 53.8 | -1.0 | 7.5 | 8.1 | 4.4 | 22.8 | 28.1 | 134.7 |
| WPU101706 Steel pipe and tube | -3.7 | 9.1 | 3.3 | 66.0 | 1.2 | 5.5 | -1.9 | 6.9 | 16.9 | 30.7 | 130.8 |
| WPU102502 Copper and brass mill shapes | -9.5 | -1.6 | 11.6 | 29.6 | 31.0 | 44.4 | -3.8 | -4.4 | -2.7 | -0.9 | 164.8 |
| WPU102501 Aluminum mill shapes | -2.9 | -0.9 | -0.5 | 9.9 | 5.0 | 12.7 | -1.7 | 0.0 | 3.1 | 1.7 | 36.6 |
| WPU1073 Sheet metal products | -0.8 | 2.0 | 0.6 | 15.2 | 0.4 | 6.5 | 0.4 | 1.2 | 5.9 | 7.5 | 32.4 |
| WPU107405 Fabricated structural metal | -1.3 | -2.4 | 0.1 | 24.7 | 2.8 | 3.6 | 5.3 | 1.6 | 8.9 | 14.6 | 58.0 |
| WPU10740501 Fabricated structural metal for buildings | -1.5 | -3.3 | -0.1 | 20.0 | 3.1 | 3.3 | 4.7 | 1.3 | 6.8 | 12.4 | 48.7 |
| WPU107408 Architectural and ornamental metalwork | -0.1 | 3.7 | 0.7 | 23.5 | 3.1 | 4.9 | 2.8 | 2.2 | 8.7 | 10.8 | 50.8 |
| WPU107409 Fabricated iron & steel pipe, tube, & fittings | 0.6 | 0.1 | 1.2 | 32.6 | 5.5 | -2.8 | -1.6 | -0.7 | 6.6 | 5.4 | 43.4 |
| WPU1076 Fabricated steel plate | 0.6 | -1.0 | 0.6 | 7.6 | 0.6 | 8.6 | 9.9 | -1.6 | 15.9 | 22.5 | 46.3 |
| WPU1079 Prefabricated metal buildings | 0.0 | 4.0 | -0.7 | 35.5 | 2.0 | 5.5 | 1.8 | 5.4 | 18.3 | 25.6 | 85.2 |
| WPU112 Construction machinery and equipment | -0.1 | 1.9 | 1.3 | 6.0 | 4.9 | 3.6 | 2.2 | 0.5 | 0.8 | 2.7 | 20.1 |

Table 4: Changes in PPIs for Basic Inputs Important to Construction

| | | | | | | | | | | | | |
|--|--|------|------|------|-------|-------|------|------|-------|-------|-------|------|
| WPU056 Crude petroleum (domestic production) | -42.4 | 60.6 | 14.3 | 30.5 | 49.6 | 0.1 | 52.4 | 4.4 | 21.2 | 105.6 | 337.9 | |
| WPU0553 Industrial natural gas | -36.7 | 12.2 | 20.3 | 20.1 | 31.5 | -13.2 | -4.6 | 5.4 | 18.9 | 23.7 | 69.3 | |
| WPU066 Plastic resins and materials | -9.8 | 9.2 | 6.4 | 28.6 | 10.8 | -7.8 | 10.0 | 0.7 | 4.2 | 11.7 | 52.7 | |
| WPU1321 Construction sand/gravel/crushed stone | 3.3 | 2.5 | 2.4 | 4.3 | 7.7 | 9.3 | 8.6 | 0.2 | 0.0 | 7.2 | 38.8 | |
| WPU1322 Cement | 1.0 | 1.3 | -1.1 | 7.9 | 12.2 | 10.5 | 3.5 | -0.2 | -0.4 | 1.1 | 40.5 | |
| WPU1011 Iron ore | 1.5 | -1.3 | 1.6 | 6.7 | 15.5 | 7.5 | 1.3 | 0.0 | 8.1 | 12.6 | 50.5 | |
| WPU1012 Iron and steel scrap | -5.6 | 27.8 | 64.9 | 50.8 | -10.8 | 2.9 | 30.4 | 0.3 | 44.5 | 96.9 | 230.2 | |
| WPU101212 Stainless and alloy steel scrap | no data from 1996 until September 2006 | | | | | | | -7.7 | -19.7 | -19.2 | -30.9 | n.a. |
| WPU102102 Copper ores | -19.6 | 3.6 | 37.4 | 65.1 | 39.3 | 53.1 | -0.9 | 3.4 | 5.5 | 7.3 | 317.0 | |
| WPU102301 Copper base scrap | -17.4 | 11.2 | 30.7 | 34.5 | 51.9 | 50.0 | 1.2 | -5.3 | 1.0 | 14.4 | 273.9 | |

Updated 7/16/08 Source: Bureau of Labor Statistics (BLS): www.bls.gov/cpi for CPI, www.bls.gov/ppi for PPIs

Compiled by Ken Simonson (simonsonk@agc.org), Chief Economist, Associated General Contractors of America, www.agc.org