

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 July 2016 since		
							5/16	3/16	6/15
CUUR000SA0	Consumer price index (CPI-U) (through June)	3.0	1.7	1.5	0.8	0.7	0.3	1.2	1.0
WPUFD4	Producer price index (PPI) for final demand	3.2	1.9	1.2	0.9	-1.1	-0.3	0.7	-0.2
WPUFD43	Final demand construction	3.8	1.4	3.2	2.2	2.1	-0.6	-0.4	0.8
WPUFD431	Construction for private capital investment	3.8	1.5	3.3	2.1	2.0	-0.4	-0.3	0.9
WPUFD432	Construction for government	3.8	1.1	3.0	2.4	2.1	-1.0	-0.7	0.4
WPU80	Construction (partial)	3.5	1.3	3.1	2.2	2.0	-0.5	-0.3	0.8
WPU801	New nonresidential building construction	4.0	1.5	3.3	2.2	2.1	-0.6	-0.4	0.8
WPU801101	New warehouse building construction	3.7	2.6	2.9	2.3	2.1	-0.1	-0.2	1.5
WPU801102	New school building construction	4.8	1.2	3.4	2.2	2.3	-1.4	-1.1	0.1
WPU801103	New office building construction	3.8	1.2	2.8	2.1	2.6	-0.1	0.3	1.4
WPU801104	New industrial building construction	3.1	1.4	4.1	1.8	2.2	-0.8	-1.3	-0.4
WPU801105	New health care building construction			4.1	1.9	0.5	-0.8	-0.7	0.9
WPU802	Maint & repair of nonres buildings (partial)	1.3	1.1	2.0	2.7	1.6	0.3	0.4	0.9

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

PCU23811X	Concrete contractors, nonresidential building work	1.2	-0.1	2.6	2.0	3.9	1.1	1.3	4.7
PCU23816X	Roofing contractors, nonresidential building work	4.3	2.4	1.7	4.9	1.8	-0.1	0.0	1.3
PCU23821X	Electrical contractors, nonresidential building work	3.8	0.5	1.8	0.9	5.8	-2.0	-1.7	0.4
PCU23822X	Plumbing contractors, nonresidential building work	3.6	1.0	4.9	2.3	-1.1	-1.4	-1.4	-2.0

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

WPUIP230000	Inputs to construction industries					-2.3	0.0	1.7	-1.0
WPUIP2300001	Inputs to construction industries, goods	5.2	1.4	1.3	-0.9	-4.0	0.0	1.8	-2.3
WPUIP23000012	Inputs to construction industries, energy					-29.6	-2.5	15.6	-21.8
WPUIP23000013	Inputs to construction industries, goods less foods and energy					-0.5	0.3	0.5	0.4
WPUIP2300002	Inputs to construction industries, services					0.3	-0.1	1.5	1.1
WPUIP231000	Inputs to new construction					-2.2	0.0	1.7	-0.9
WPUIP231200	New nonresidential construction					-2.8	0.0	1.8	-1.5
WPUIP231211	Commercial structures					-2.3	0.1	1.7	-0.9
WPUIP231212	Healthcare structures					-2.1	0.1	1.5	-1.0
WPUIP231220	Industrial structures					-1.7	0.0	1.4	-1.3
WPUIP231230	Other nonresidential					-3.2	0.1	2.1	-1.7
WPUIP231231	Highways and streets					-4.0	0.1	2.4	-2.1
WPUIP2312321	Power and communications structures					-6.5	0.1	2.7	-3.8
WPUIP231233	Educational and vocational structures					-1.8	0.1	1.3	-0.6
WPUIP2312341	Other misc. nonresidential construction					-5.4	-0.2	2.2	-3.2
WPUIP231100	New residential construction					-1.6	-0.1	1.4	-0.4
WPUIP231110	Single-family					-1.7	0.0	1.5	-0.2
WPUIP231120	Multifamily					-1.1	-0.1	1.7	0.0
WPUIP232000	Maintenance and repair construction					-2.9	-0.1	1.8	-1.6
WPUIP232200	Nonresidential maintenance and repair					-3.3	0.0	2.0	-1.8
WPUIP232100	Residential maintenance and repair					-2.4	-0.2	1.5	-1.2

Table 4: Changes in PPIs for services important to construction

WPU4531	Architectural services	0.4	0.0	1.7	2.3	1.8	0.0	-0.3	1.9
WPU4532	Engineering services	1.8	1.9	1.1	1.9	2.5	0.1	0.4	1.7
WPU3012	Truck transportation of freight	5.6	3.2	0.9	1.1	-2.2	0.0	-0.2	-1.9
WPU443	Const, mining & forestry mach & eq rental & leasing	5.1	1.6	0.7	-3.3	-3.8	0.4	2.0	-0.7

BLS Series ID

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

		2011	2012	2013	2014	2015	to July 2016 since		
							5/16	3/16	6/15
WPU057303	#2 diesel fuel	20.0	2.1	-0.9	-26.9	-43.1	2.5	27.8	-18.8
WPU1394	Paving mixtures and blocks (asphalt)	8.4	4.5	1.0	2.5	-6.5	0.1	-2.2	-6.9
WPU136	Asphalt felts and coatings	5.8	-0.4	-1.2	2.4	-4.7	0.7	2.7	-1.3
WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-0.2	-0.4	2.5	-2.1	0.6	2.5	0.6
WPU1322	Cement	-1.8	2.9	4.7	5.7	6.5	0.3	0.7	5.4
WPU133	Concrete products	0.9	2.5	2.6	5.1	2.9	0.5	0.4	3.7
WPU1331	Concrete block and brick	1.1	1.2	2.1	3.2	1.9	-0.2	-0.2	2.0
WPU1332	Concrete pipe	1.4	4.4	3.0	3.2	2.8	0.0	-0.3	0.9
WPU1333	Ready-mixed concrete	0.5	2.6	2.9	5.5	3.7	0.9	0.6	4.3
WPU1334	Precast concrete products	2.9	2.4	1.6	6.5	1.7	0.0	0.2	1.8
WPU1335	Prestressed concrete products	-3.1	1.8	2.4	2.3	-0.9	0.3	1.1	11.7
WPU1342	Brick and structural clay tile	-2.6	-2.6	1.4	1.4	1.3	-0.5	-0.3	-0.5
WPU0721	Plastic construction products	3.6	4.5	-0.5	1.6	0.8	0.3	1.2	-0.8
WPU1311	Flat glass	2.1	1.8	2.7	2.4	5.3	0.1	1.1	4.8
WPU137	Gypsum products	-1.6	14.1	16.2	5.1	0.1	0.1	-2.8	2.4
WPU1392	Insulation materials	5.4	5.4	6.7	2.5	0.5	-0.3	-2.0	1.5
WPUSI004011	Lumber and plywood	-0.7	11.1	10.0	3.3	-7.9	0.7	1.7	0.8
WPU062101	Architectural coatings	4.2	10.5	-0.8	0.9	-2.8	0.0	2.0	0.7
WPU1017	Steel mill products	12.2	-8.0	-0.6	0.7	-19.4	3.1	8.1	-0.9
WPU10170404	Hot-rolled structural shapes, carbon	8.9	-8.5	-5.3	5.9				
WPU101706	Steel pipe and tube	13.7	-6.1	-5.1	0.0	-16.1	5.5	5.4	0.0
WPU102502	Copper and brass mill shapes	-9.3	1.5	-6.6	-4.5	-19.3	4.2	4.0	-8.4
WPU102501	Aluminum mill shapes	0.6	-1.9	-4.6	10.9	-14.0	0.2	1.3	-2.4
WPU1073	Sheet metal products	3.7	-1.3	-2.2	2.5	-1.5	0.6	0.8	-0.7
WPU107405	Fabricated structural metal	3.8	1.6	-0.6	1.4	-3.3	1.5	2.5	-0.6
WPU1074051	Fabricated structural metal bar joists & rebar	1.6	2.6	0.4	2.5	0.1	0.5	1.7	2.0
WPU10740514	Fabricated structural metal for non-industrial buildings		2.5	0.9	2.2	0.5	0.3	1.4	0.9
WPU10740553	Fabricated structural metal for bridges		-2.3	-0.9	5.8	-7.5	2.4	3.3	-12.2
WPU107408	Ornamental and architectural metal work	4.5	0.6	0.4	3.1	0.1	0.2	0.9	0.5
WPU1076	Fabricated steel plate	3.0	1.9	0.0	1.4	-1.3	-0.1	0.8	-0.1
WPU1079	Prefabricated metal buildings	9.8	-0.6	3.2	3.6	-2.0	0.4	5.1	2.4
WPU112	Construction machinery and equipment	4.2	3.7	1.5	1.6	1.2	0.0	0.1	0.9
WPU07120105	Truck & bus (incl. off-the-highway) pneumatic tires	15.5	-1.6	-1.6	-4.3	-4.2	0.0	0.0	-2.1

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

WPU058102	Asphalt (at refinery)	32.1	-2.5	-3.3	5.2	-45.5	2.7	46.6	-28.1
WPU1321	Construction sand/gravel/crushed stone	1.3	2.4	3.0	3.3	4.6	0.2	1.2	4.8
WPU1012	Iron and steel scrap	8.7	-15.6	7.5	-16.9	-50.8	-4.7	3.8	-6.4
WPU101212	Stainless and alloy steel scrap	-8.4	-11.3	-12.5	-4.5	-35.7	-2.9	10.8	-13.2
WPU102301	Copper base scrap	0.6	0.5	-6.2	-11.9	-28.4	3.5	3.4	-11.4

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

CIU20100	Private industry--total compensation (through June)	2.2	1.8	2.0	2.3	1.9	0.6	2.4	
CIU20123	Construction--total compensation (through June)	1.6	1.6	2.0	1.8	2.2	0.9	2.5	
CIU20200	Private industry--wages and salaries (through June)	1.6	1.7	2.1	2.2	2.1	0.8	2.6	
CIU20223	Construction--wages and salaries (through June)	1.2	1.2	1.6	1.9	2.6	0.9	2.7	

Updated 8/12/16 Source: BLS: www.bls.gov/cpi for CPI, www.bls.gov/ppi for PPIs; www.bls.gov/ect for ECIs

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