

**Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2013-2019**

BLS Series ID

Table 1: Changes in consumer, producer & construction prices

	2014	2015	2016	2017	2018	to Jan. 2019 since		
						12/18	10/18	1/18
CUUR0000SA0	Consumer price index (CPI-U)	0.8	0.7	2.1	2.1	1.9	0.2	-0.5
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.5	0.1	-0.5
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.1	0.6	1.0
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.2	0.7	1.1
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	0.6	0.7
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	0.6	0.9
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.3	0.7	1.0
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.1	0.6	1.0
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.5	0.7	0.7
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.4	0.6	1.1
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	0.8	0.9
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	4.5	1.0	1.2
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.2	0.3	0.7

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

PCU23811X23811: Concrete contractors, nonresidential building work	2.0	3.9	4.4	3.0	6.2	0.6	0.8	6.1
PCU23816X23816: Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	0.6	2.2	2.2	2.8
PCU23821X23821: Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	5.0	-0.1	0.5	4.0
PCU23822X23822: Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	4.8	0.7	0.7	4.8

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

WPUIP230000	Inputs to construction industries	2.4	4.4	3.8	-0.1	-2.0	2.8	
WPUIP230001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	-0.7	1.6
WPUIP2300012	Inputs to construction industries, energy	11.8	20.6	-3.9	-9.1	-27.4	-14.5	
WPUIP2300013	Inputs to construction industries, goods less foods and energy	1.1	3.3	4.8	0.6	0.4	4.4	
WPUIP230002	Inputs to construction industries, services	2.8	3.7	4.2	0.7	0.8	4.4	
WPUIP231000	Inputs to new construction	2.4	4.4	3.8	-0.1	-2.0	2.8	
WPUIP231200	New nonresidential construction	2.0	4.3	4.0	-0.2	-2.2	2.8	
WPUIP231211	Commercial structures	2.3	4.2	4.4	-0.1	-1.8	3.4	
WPUIP231212	Healthcare structures	2.1	4.1	4.0	-0.1	-1.5	3.1	
WPUIP231220	Industrial structures	1.5	3.8	3.7	0.2	-0.9	3.1	
WPUIP231230	Other nonresidential	2.1	4.5	4.1	-0.3	-2.4	2.8	
WPUIP231231	Highways and streets	2.4	4.6	4.6	-0.6	-3.7	2.7	
WPUIP231232	Power and communications structures	2.7	4.8	3.4	-0.5	-2.8	2.1	
WPUIP231233	Educational and vocational structures	1.8	4.1	4.1	0.0	-1.2	3.3	
WPUIP231234	Other misc. nonresidential construction	2.2	4.8	3.6	-0.2	-2.4	2.6	
WPUIP231100	New residential construction	2.4	4.4	3.8	0.1	-1.5	3.0	
WPUIP231110	Single-family	2.6	4.6	3.5	0.0	-1.7	2.5	
WPUIP231120	Multifamily	2.6	4.1	3.9	0.1	-1.5	3.3	
WPUIP232000	Maintenance and repair construction	2.2	4.5	3.6	-0.2	-2.3	2.3	
WPUIP232200	Nonresidential maintenance and repair	2.3	4.7	3.7	-0.3	-2.6	2.3	
WPUIP232100	Residential maintenance and repair	2.0	4.6	3.8	-0.2	-1.8	2.6	

Table 4: Changes in PPIs for services important to construction

WPU4531	Architectural services	2.3	1.8	1.1	2.7	-1.5	0.6	0.5	-0.7
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.0	0.9	1.4	2.8
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.8	0.3	1.7	6.5
WPU443	Const, mining & forestry mach & eq rental & leasing	-3.3	-3.8	-1.1	3.4	0.1	-0.5	2.0	-0.6

BLS Series ID

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

	2014	2015	2016	2017	2018	12/18	10/18	1/18	to Jan. 2019 since
WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	5.0	-14.6	-25.9	-12.5
WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.2	4.8	2.9	6.8
WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	-0.9	0.1	9.4
WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	-1.2	0.0	9.4
WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	0.9	0.6	2.2
WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	0.9	1.6	3.6
WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.4	0.8	1.7	4.7
WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	-0.6	2.2	2.4	3.7
WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.1	0.9	1.2	2.5
WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	6.0	0.9	2.9	6.8
WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.3	0.8	0.6	4.8
WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.2	0.7	1.0	1.3
WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.7	0.8	1.1	3.9
WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.3	1.0	0.7	1.6
WPU137	Gypsum products	5.1	0.1	7.9	5.8	2.9	-0.8	-3.1	0.0
WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	1.7	0.8	6.4
WPUSI004011	Lumber and plywood	3.3	-7.9	3.6	11.2	4.4	-1.2	-3.5	-6.1
WPU062101	Architectural coatings	0.9	-2.8	0.9	2.6	7.2	0.5	4.2	7.4

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

WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	23.2	4.1	-18.6	31.9
WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	4.1	2.5	2.9	5.4
WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	13.8	-6.6	1.4	-3.2
WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-13.0	-4.0	-9.6	-22.7
WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	-1.8	-1.2	-13.8

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

CIU20100000000001	Private industry--total compensation (through Dec.)	2.3	1.9	2.2	2.6	3.0	0.4	3.0
CIU20123000000001	Construction--total compensation (through Dec.)	1.8	2.2	1.9	2.4	2.8	0.5	2.8
CIU20200000000001	Private industry--wages and salaries (through Dec)	2.2	2.1	2.3	2.8	3.1	0.5	3.1
CIU20223000000001	Construction--wages and salaries (through Dec.)	1.9	2.6	2.1	2.5	3.1	0.5	3.1

Updated 2/15/2019.

Source: BLS: [www.bls.gov/cpi](http://www.bls.gov/cpi) for CPI, [www.bls.gov/ppi](http://www.bls.gov/ppi) for PPIs; [www.bls.gov/ect](http://www.bls.gov/ect) for ECIs.

Compiled by Ken Simonson ([simonsonk@agc.org](mailto:simonsonk@agc.org)), Chief Economist, Associated General Contractors of America, [www.agc.org](http://www.agc.org).



**Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2013-2019**

BLS Series ID

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

	2014	2015	2016	2017	2018	to Feb. 2019 since			BLS Series ID	2014	2015	2016	2017	2018	to Feb. 2019 since				
						1/19	11/18	2/18							1/19	11/18	2/18		
CUU00000SA0	Consumer price index (CPI-U)	0.8	0.7	2.1	2.1	1.9	0.4	0.3	1.5	WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	5.0	8.4	-18.6	-3.9
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.5	0.3	0.1	1.9	WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.2	-0.1	4.7	5.4
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.1	-0.1	0.6	4.8	WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	-0.5	0.1	12.2
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.2	-0.1	0.6	5.0	WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	-0.6	0.0	12.5
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	0.0	0.6	4.5	WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	-0.2	0.9	2.2
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	-0.1	0.6	4.2	WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	-0.4	1.2	3.0
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.3	-0.1	0.7	5.1	WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.4	0.1	1.4	4.3
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.1	-0.6	-0.4	3.2	WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	-0.6	0.3	2.5	4.5
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.5	0.1	0.7	5.3	WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.1	-0.5	0.9	1.7
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.4	-0.4	0.1	4.8	WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	6.0	-0.2	2.3	6.2
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	0.1	0.6	5.9	WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.3	-0.8	-0.2	3.7
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	4.5	0.4	1.9	5.2	WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.2	0.3	1.2	1.4
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.2	-0.1	0.4	2.0	WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.7	-0.2	0.6	2.9

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

PCU23811X23811X	Concrete contractors, nonresidential building work	2.0	3.9	4.4	3.0	6.2	0.1	0.6	6.0	WPU131	Flat glass	2.4	5.3	3.1	1.1	1.3	0.1	0.9	1.7
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	0.6	-0.7	1.4	2.0	WPU137	Gypsum products	5.1	0.1	7.9	5.8	2.9	-0.4	-0.3	-7.4
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	5.0	-0.2	-0.3	3.7	WPUS1004011	Insulation materials	2.5	0.5	3.1	1.2	5.1	0.3	1.4	5.9
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	4.8	0.1	0.7	4.9	WPU062101	Lumber and plywood	3.3	-7.9	3.6	11.2	-4.4	2.0	1.0	-8.7

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

WPUIP230000	Inputs to construction industries	2.4	4.4	3.8	0.4	-0.5	2.4	WPU101706	Steel pipe and tube	0.0	-16.1	5.4	10.2	21.3	-2.9	-2.1	18.2		
WPUIP230001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	0.9	-1.5	1.8	WPU102502	Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.6	3.7	3.4	-8.2
WPUIP2300012	Inputs to construction industries, energy	11.8	20.6	-3.9	5.8	-14.9	-10.6	WPU102501	Aluminum mill shapes	10.9	-14.0	5.5	10.1	6.3	0.8	0.9	4.4		
WPUIP2300013	Inputs to construction industries, goods less foods and energy	1.1	3.3	4.8	0.2	0.8	3.9	WPU1073	Sheet metal products	2.5	-1.5	2.2	2.2	6.7	0.0	1.2	7.7		
WPUIP230002	Inputs to construction industries, services	2.8	3.7	4.2	-0.4	0.7	2.9	WPU107405	Fabricated structural metal	1.4	-3.3	2.3	3.5	12.0	3.0	2.4	12.9		
WPUIP231000	Inputs to new construction	2.4	4.4	3.8	0.4	-0.5	2.4	WPU1074051	Fabricated structural metal bar joists & rebar	2.5	0.1	4.9	-0.5	12.2	-2.7	-2.6	6.5		
WPUIP231200	New nonresidential construction	2.0	4.3	4.0	0.7	-0.5	3.0	WPU10740514	Fabricated structural metal for non-industrial building	2.2	0.5	4.0	-1.3	13.1	-3.2	-3.2	6.9		
WPUIP231211	Commercial structures	2.3	4.2	4.4	0.6	-0.3	3.5	WPU10740553	Fabricated structural metal for bridges	5.8	-7.5	-7.0	-0.4	15.0	3.1	-1.9	14.4		
WPUIP231212	Healthcare structures	2.1	4.1	4.0	0.6	-0.1	3.0	WPU107408	Ornamental and architectural metal work	3.1	0.1	2.2	3.5	12.4	-0.6	-1.7	11.4		
WPUIP231220	Industrial structures	1.5	3.8	3.7	0.6	0.2	3.2	WPU1076	Fabricated steel plate	1.4	-1.3	0.2	1.4	2.1	1.8	2.6	3.6		
WPUIP231230	Other nonresidential	2.1	4.5	4.1	0.6	-0.6	2.8	WPU1079	Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	-2.8	-2.5	6.8		
WPUIP231231	Highways and streets	2.4	4.6	4.6	0.8	-1.2	3.4	WPU112	Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	0.1	4.2	6.1		
WPUIP231232	Power and communications structures	2.7	4.8	3.4	0.7	-0.9	2.1	WPU07120105	Truck & bus (incl. off-the-highway) pneumatic tires	-4.3	-4.2	2.7	1.8	2.5	-0.3	0.7	2.1		
WPUIP231233	Educational and vocational structures	1.8	4.1	4.1	0.4	-0.1	3.0	WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	23.2	-4.6	-16.4	15.1		
WPUIP231234	Other misc. nonresidential construction	2.2	4.8	3.6	0.7	-0.6	2.5	WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	4.1	-0.5	2.0	4.2		
WPUIP231100	New residential construction	2.4	4.4	3.8	0.0	-0.5	2.0	WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	13.8	-4.1	-10.3	-9.9		
WPUIP231110	Single-family	2.6	4.6	3.5	0.2	-0.5	1.7	WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-13.0	-2.0	-5.6	-27.1		
WPUIP231120	Multifamily	2.6	4.1	3.9	-0.2	-0.7	2.0	WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	0.5	-1.2	-12.9		
WPUIP232000	Maintenance and repair construction	2.2	4.5	3.6	0.4	-0.6	1.8												
WPUIP232200	Nonresidential maintenance and repair	2.3	4.7	3.7	0.5	-0.7	2.0												
WPUIP232100	Residential maintenance and repair	2.0	4.6	3.8	0.3	-0.4	2.0												

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

WPU4531	Architectural services	2.3	1.8	1.1	2.7	-1.5	-0.1	0.8	-0.8	CIU201000000000	Private industry--total compensation (through Dec.)	2.3	1.9	2.2	2.6	3.0	0.4	3.0
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.0	0.1	0.8	2.2	CIU201230000000	Construction--total compensation (through Dec.)	1.8	2.2	1.9	2.4	2.8	0.5	2.8
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.8	-0.3	0.4	5.5	CIU202000000000	Private industry--wages and salaries (through Dec)	2.2	2.1	2.3	2.8	3.1	0.5	3.1
WPU443	Const, mining & forestry mach & eq rental & leasing	-3.3	-3.8	-1.1	3.4	0.1	0.4	1.4	-1.3	CIU202230000000	Construction--wages and salaries (through Dec.)	1.9	2.6	2.1	2.5	3.1	0.5	3.1

Updated 3/13/2019.

Source: BLS: [www.bls.gov/cpi](http://www.bls.gov/cpi) for CPI, [www.bls.gov/ppi](http://www.bls.gov/ppi) for PPIs; [www.bls.gov/ect](http://www.bls.gov/ect) for ECIs.

Compiled by Ken Simonson ([simonsonk@agc.org](mailto:simonsonk@agc.org)), Chief Economist, Associated General Contractors of America, [www.agc.org](http://www.agc.org).

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

CIU201000000000	Private industry--total compensation (through Dec.)	2.3	1.9	2.2	2.6	3.0	0.4	3.0
CIU201230000000	Construction--total compensation (through Dec.)	1.8	2.2	1.9	2.4	2.8	0.5	2.8
CIU202000000000	Private industry--wages and salaries (through Dec)	2.2	2.1	2.3	2.8	3.1	0.5	3.1
CIU202230000000	Construction--wages and salaries (through Dec.)	1.9	2.6	2.1	2.5	3.1	0.5	3.1



**Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2013-2019**

BLS Series ID

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

		2014	2015	2016	2017	2018	2/19	12/18	3/18	to Mar. 2019 since
CUU00000SA0	Consumer price index (CPI-U)	0.8	0.7	2.1	2.1	1.9	0.6	1.2	1.9	
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.5	0.7	1.0	2.2	
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.1	0.2	0.7	4.9	
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.2	0.2	0.8	5.1	
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	0.2	0.8	4.6	
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	0.2	0.8	4.3	
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.3	0.2	0.8	5.1	
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.1	0.3	0.3	3.5	
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.5	0.1	0.9	5.4	
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.4	0.1	0.4	4.9	
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	0.0	0.9	5.9	
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	4.5	0.2	1.6	5.3	
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.2	0.4	0.7	2.1	

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

PCU23811X23811X	Concrete contractors, nonresidential building work	2.0	3.9	4.4	3.0	6.2	0.9	1.6	6.9	
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	0.6	0.4	1.8	2.3	
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	5.0	0.6	0.2	4.2	
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	4.8	0.0	0.8	4.5	

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

WPUIP230000	Inputs to construction industries	2.4	4.4	3.8	1.0	1.3	2.6			
WPUIP230001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	1.7	1.8	2.5	
WPUIP2300012	Inputs to construction industries, energy	11.8	20.6	-3.9	12.2	7.9	1.1			
WPUIP2300013	Inputs to construction industries, goods less foods and energy	1.1	3.3	4.8	0.2	0.9	2.8			
WPUIP230002	Inputs to construction industries, services	2.8	3.7	4.2	0.2	0.5	2.8			
WPUIP231000	Inputs to new construction	2.4	4.4	3.8	1.0	1.3	2.7			
WPUIP231200	New nonresidential construction	2.0	4.3	4.0	1.1	1.6	3.3			
WPUIP231211	Commercial structures	2.3	4.2	4.4	1.0	1.5	3.7			
WPUIP231212	Healthcare structures	2.1	4.1	4.0	0.9	1.4	3.1			
WPUIP231220	Industrial structures	1.5	3.8	3.7	1.1	1.9	4.0			
WPUIP231230	Other nonresidential	2.1	4.5	4.1	1.2	1.5	3.2			
WPUIP231231	Highways and streets	2.4	4.6	4.6	1.2	1.5	3.6			
WPUIP231232	Power and communications structures	2.7	4.8	3.4	1.4	1.6	2.8			
WPUIP231233	Educational and vocational structures	1.8	4.1	4.1	0.7	1.1	2.9			
WPUIP231234	Other misc. nonresidential construction	2.2	4.8	3.6	1.4	1.9	3.3			
WPUIP231100	New residential construction	2.4	4.4	3.8	0.8	0.9	2.1			
WPUIP231110	Single-family	2.6	4.6	3.5	0.8	1.0	1.9			
WPUIP231120	Multifamily	2.6	4.1	3.9	0.8	0.7	1.8			
WPUIP232000	Maintenance and repair construction	2.2	4.5	3.6	1.1	1.3	2.4			
WPUIP232200	Nonresidential maintenance and repair	2.3	4.7	3.7	1.2	1.4	2.6			
WPUIP232100	Residential maintenance and repair	2.0	4.6	3.8	0.9	1.0	2.2			

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

WPU4531	Architectural services	2.3	1.8	1.1	2.7	-1.5	0.4	0.8	0.9	
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.0	0.0	1.0	2.2	
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.8	-0.8	-0.8	4.6	
WPU443	Const, mining & forestry mach & eq rental & leasing	-3.3	-3.8	-1.1	3.4	0.1	-0.7	-0.8	-0.4	

BLS Series ID

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

		2014	2015	2016	2017	2018	2/19	12/18	3/18	to Mar. 2019 since
WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	5.0	12.7	4.4	9.2	
WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.2	-0.8	3.9	5.1	
WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	-2.8	-4.2	8.2	
WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	-2.9	-4.6	8.4	
WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	0.2	1.0	2.4	
WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	0.0	0.5	1.1	
WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.4	0.2	1.1	3.5	
WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	-0.6	0.3	2.7	2.0	
WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.1	-0.1	0.3	-1.0	
WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	6.0	0.0	0.7	5.7	
WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.3	0.2	0.3	3.6	
WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.2	0.0	1.0	1.3	
WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.7	0.2	0.8	2.3	
WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.3	-0.7	0.4	0.4	
WPU137	Gypsum products	5.1	0.1	7.9	5.8	2.9	-1.2	-2.4	-8.6	
WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	-2.0	-0.1	3.9	
WPUSI004011	Lumber and plywood	3.3	-7.9	3.6	11.2	-4.4	0.1	0.9	-10.3	
WPU062101	Architectural coatings	0.9	-2.8	0.9	2.6	7.2	0.0	2.2	9.7	

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

WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	23.2	4.1	3.4	16.5	
WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	4.1	0.0	2.0	4.0	
WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	13.8	5.9	-5.1	-8.7	
WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-13.0	13.6	6.9	-19.6	
WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	3.6	2.3	-10.4	

**Table 7: Changes in ECIs for total compensation, wages & salaries (through December)**

CIU201000000000	Private industry--total compensation	2.3	1.9	2.2	2.6	3.0	0.4	3.0		
CIU201230000000	Construction--total compensation	1.8	2.2	1.9	2.4	2.8	0.5	2.8		
CIU202000000000	Private industry--wages and salaries	2.2	2.1	2.3	2.8	3.1	0.5	3.1		
CIU202230000000	Construction--wages and salaries	1.9	2.6	2.1	2.5	3.1	0.5	3.1		

Updated 4/11/2019.

Source: BLS: [www.bls.gov/cpi](http://www.bls.gov/cpi) for CPI, [www.bls.gov/ppi](http://www.bls.gov/ppi) for PPIs; [www.bls.gov/ect](http://www.bls.gov/ect) for ECIs.

Compiled by Ken Simonson ([simonsonk@agc.org](mailto:simonsonk@agc.org)), Chief Economist, Associated General Contractors of America, [www.agc.org](http://www.agc.org).



**Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2013-2019**

BLS Series ID

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

	12-month percentage change to December:							to Apr. 2019 since			<u>BLS Series ID</u>	12-month percentage change to December:							to Apr. 2019 since							
	2014	2015	2016	2017	2018	3/19	1/19	4/18	2014	2015	2016	2017	2018	3/19	1/19	4/18	2014	2015	2016	2017	2018					
CUUR0000SA0	Consumer price index (CPI-U) (through April)	0.8	0.7	2.1	2.1	1.9	0.5	1.5	2.0									-26.9	-43.1	21.4	40.9	4.0	-1.5	20.4	4.3	
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.6	0.3	1.2	2.2									2.5	-6.5	-5.6	-0.4	10.5	-2.8	-3.6	6.6	
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.2	1.6	1.7	5.4								2.4	-4.7	-1.9	2.2	10.6	2.3	-1.1	6.7		
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.3	1.5	1.6	5.5								2.5	-2.1	-1.0	1.6	10.9	2.7	-0.9	7.5		
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	1.7	1.9	5.3																	
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	1.4	1.6	4.9								WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	1.8	1.8	3.5
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.4	1.6	1.7	5.6								WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	1.4	1.0	2.5
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.0	2.3	2.0	5.2								WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.1	0.6	0.9	3.4
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.4	2.0	2.2	6.2								WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	2.3	0.4	1.0	2.6
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.6	1.5	1.3	4.9								WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.2	2.1	1.4	1.6
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	2.0	2.1	6.9								WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	4.8	0.2	-0.1	4.8
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	5.0	0.7	1.3	5.0								WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.1	0.6	0.1	4.3
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.4	0.8	1.2	2.9								WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.3	0.1	0.5	1.3

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

PCU2381X23811X	Concrete contractors, nonresidential building work	2.0	3.9	4.4	3.0	6.2	1.7	2.7	7.9								WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.5	-0.1	-0.1	1.8
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	0.4	0.0	2.3								WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.4	0.4	-0.3	0.4
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	1.8	2.2	5.5								WPU137	Gypsum products	5.1	0.1	7.9	5.8	4.0	1.0	-0.6	-6.1
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	1.7	1.8	5.4								WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	1.7	0.0	5.3
																WPUSI004011	Lumber and plywood	3.3	-7.9	3.6	11.2	-4.9	0.0	2.0	-9.9	
																WPU062101	Architectural coatings	0.9	-2.8	0.9	2.6	6.7	-1.0	0.7	6.2	

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

WPUIP230000	Inputs to construction industries	2.4	4.4	4.0	1.0	2.4	2.8										WPU101706	Steel pipe and tube	0.0	-16.1	5.4	10.2	20.0	-1.1	-3.6	6.2
WPUIP230001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	0.9	3.6	2.4								WPU102502	Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.7	0.5	6.5	-2.5
WPUIP2300012	Inputs to construction industries, energy	11.8	20.6	-5.0	6.7	26.7	3.0										WPU102501	Aluminum mill shapes	10.9	-14.0	5.5	10.1	6.8	0.0	0.8	0.6
WPUIP2300013	Inputs to construction industries, goods less food and energy	1.1	3.3	5.0	-0.1	0.3	2.3										WPU1073	Sheet metal products	2.5	-1.5	2.2	2.2	7.6	-1.3	-1.3	5.6
WPUIP2300002	Inputs to construction industries, services	2.8	3.7	4.6	1.1	0.9	3.3										WPU107405	Fabricated structural metal	1.4	-3.3	2.3	3.5	14.8	-1.9	1.7	2.6
WPUIP231000	Inputs to new construction	2.4	4.4	4.0	1.0	2.4	2.9										WPU1074051	Fabricated structural metal bar joists & rebar	2.5	0.1	4.9	-0.5	12.1	0.1	-2.8	1.3
WPUIP231200	New nonresidential construction	2.0	4.3	4.3	1.0	2.8	3.2										WPU10740514	Fabricated structural metal for non-industrial buildings	2.2	0.5	4.0	-1.3	13.1	-0.1	-3.5	1.0
WPUIP231211	Commercial structures	2.3	4.2	4.7	0.7	2.3	3.2										WPU10740553	Fabricated structural metal for bridges	5.8	-7.5	-7.0	-0.4	15.0	-1.0	2.8	11.7
WPUIP231212	Healthcare structures	2.1	4.1	4.2	0.7	2.2	2.9										WPU107408	Ornamental and architectural metal work	3.1	0.1	2.2	3.5	11.5	-0.6	-1.2	5.4
WPUIP231220	Industrial structures	1.5	3.8	4.0	0.9	2.6	4.2										WPU1076	Fabricated steel plate	1.4	-1.3	0.2	1.4	2.9	0.1	2.0	3.1
WPUIP231230	Other nonresidential	2.1	4.5	4.3	1.0	2.8	3.1										WPU1079	Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	0.8	-1.2	1.6
WPUIP231231	Highways and streets	2.4	4.6	5.0	1.4	3.5	3.5										WPU112	Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	0.2	0.3	5.7
WPUIP231232	Power and communications structures	2.7	4.8	3.6	1.1	3.2	2.9										WPU07120105	Truck & bus (incl. off-the-highway) pneumatic tires	-4.3	-4.2	2.7	1.8	2.5	-2.0	-0.3	0.3
WPUIP231233	Educational and vocational structures	1.8	4.1	4.2	0.7	1.8	2.8																			
WPUIP231234	Other misc. nonresidential construction	2.2	4.8	3.8	1.0	3.1	3.3																			
WPUIP231100	New residential construction	2.4	4.4	3.9	1.0	1.8	2.5										WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	24.9	13.5	12.7	28.0
WPUIP231110	Single-family	2.6	4.6	3.6	1.0	2.0	2.4										WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	3.8	0.4	-0.1	4.0
WPUIP231120	Multifamily	2.6	4.1	4.2	1.2	1.8	2.3										WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	14.1	-3.1	-1.6	-15.7
WPUIP232000	Maintenance and repair construction	2.2	4.5	3.7	1.2	2.7	2.8										WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-15.6	3.0	14.8	-15.5
WPUIP232200	Nonresidential maintenance and repair	2.3	4.7	3.8	1.1	2.8	2.9										WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	2.8	7.0	-9.0
WPUIP232100	Residential maintenance and repair	2.0	4.6	4.0	1.3	2.5	2.8																			

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

WPU4531	Architectural services	2.3	1.8	1.1	2.7	-1.2	0.0	0.3	0.6																	
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.1	1.1	1.2	3.4								CIU201200000000	Construction--total compensation	1.8	2.2	1.9	2.4	2.8	0.8	2.9	
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.5	-0.3	-1.4	3.9								CIU202000000000	Private industry--wages and salaries	2.2	2.1	2.3	2.8	3.1	0.9	3.0	
WPU443	Const, mining & forestry mach & eq rental & leasing	-3.3	-3.8	-1.1	3.4	-0.5	0.9	0.6	2.4								CIU202230000000	Construction--wages and salaries	1.9	2.6	2.1	2.5	3.1	0.7	2.9	

Updated 5/9/2019.

Source: BLS: [www.bls.gov/cpi](http://www.bls.gov/cpi) for CPI, [www.bls.gov/ppi](http://www.bls.gov/ppi) for PPIs; [www.bls.gov/ect](http://www.bls.gov/ect) for ECIs.

Compiled by Ken Simonson ([simonson@agc.org](mailto:simonson@agc.org)), Chief Economist, Associated General Contractors of America, [www.agc.org](http://www.agc.org).



**Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2013-2019**

**BLS Series ID**

**12-month percentage change to December:**

**To May 2019 since:**

**BLS Series ID**

**12-month percentage change to December:**

**To May 2019 since:**

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

	2014	2015	2016	2017	2018	4/19	2/19	5/18	
CUUR0000SA0	Consumer price index (CPI-U) (through May)	0.8	0.7	2.1	2.1	1.9	0.2	1.3	1.8
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.6	0.1	1.0	1.8
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.2	0.0	1.8	5.3
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.3	-0.2	1.5	5.2
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	0.3	2.2	5.6
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	0.2	1.8	4.9
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.4	-0.1	1.7	5.4
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.0	-0.3	2.4	5.0
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.4	0.4	2.5	6.6
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.6	-0.1	1.6	4.6
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	0.0	2.0	6.9
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	5.0	-0.5	0.3	4.2
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.4	0.7	2.0	3.5

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

PCU2381X23811X	Concrete contractors, nonresidential building work	2.0	3.9	4.4	3.0	6.2	-0.1	2.5	7.8
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	-0.1	0.7	2.1
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	-0.1	2.3	5.3
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	0.8	2.6	5.9

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

WPUIP230000	Inputs to construction industries	2.4	4.4	4.0	0.0	2.0	1.3		
WPUIP230001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	0.3	2.9	0.6
WPUIP2300012	Inputs to construction industries, energy	11.8	20.6	-5.0	0.0	19.7	-4.5		
WPUIP2300013	Inputs to construction industries, goods less food and energy	1.1	3.3	5.0	0.4	0.5	0.5	1.7	
WPUIP2300002	Inputs to construction industries, services	2.8	3.7	4.6	-0.4	0.9	2.2		
WPUIP231000	Inputs to new construction	2.4	4.4	4.0	-0.1	1.9	1.3		
WPUIP231200	New nonresidential construction	2.0	4.3	4.3	0.1	2.2	1.8		
WPUIP231211	Commercial structures	2.3	4.2	4.7	0.2	1.9	1.9		
WPUIP231212	Healthcare structures	2.1	4.1	4.2	0.1	1.7	1.7		
WPUIP231220	Industrial structures	1.5	3.8	4.0	-0.1	1.9	3.1		
WPUIP231230	Other nonresidential	2.1	4.5	4.3	0.1	2.3	1.6		
WPUIP231231	Highways and streets	2.4	4.6	5.0	0.3	2.9	1.7		
WPUIP231232	Power and communications structures	2.7	4.8	3.6	0.1	2.6	1.5		
WPUIP231233	Educational and vocational structures	1.8	4.1	4.2	0.0	1.5	1.4		
WPUIP231234	Other misc. nonresidential construction	2.2	4.8	3.8	0.0	2.4	1.7		
WPUIP231100	New residential construction	2.4	4.4	3.9	-0.2	1.6	1.0		
WPUIP231110	Single-family	2.6	4.6	3.6	-0.2	1.6	0.9		
WPUIP231120	Multifamily	2.6	4.1	4.2	-0.2	1.8	0.6		
WPUIP232000	Maintenance and repair construction	2.2	4.5	3.7	-0.2	2.1	1.0		
WPUIP232200	Nonresidential maintenance and repair	2.3	4.7	3.8	-0.1	2.2	1.1		
WPUIP232100	Residential maintenance and repair	2.0	4.6	4.0	-0.2	2.0	1.3		

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

WPU4531	Architectural services	2.3	1.8	1.1	2.7	-1.2	-1.1	-0.7	-0.6
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.1	0.3	1.4	3.6
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.5	0.4	-0.7	3.5
WPU443	Const, mining & forestry mach & eq rental & leasing	-3.3	-3.8	-1.1	3.4	-0.5	-0.2	0.0	3.0

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

WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	4.0	-2.6	8.2	-6.2
WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.5	0.2	-3.4	4.8
WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	1.0	0.4	5.6
WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	1.1	0.9	6.3
WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	-0.6	1.4	2.5
WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	0.2	1.6	2.3
WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.1	0.1	1.0	3.2
WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	2.3	1.2	1.8	3.5
WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.2	0.2	2.1	1.2
WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	4.8	0.4	0.6	5.4
WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.1	-0.9	0.0	2.3
WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.3	-0.1	0.0	1.1
WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.5	-0.3	-0.2	1.3
WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.4	0.1	-0.3	0.7
WPU137	Gypsum products	5.1	0.1	7.9	5.8	4.0	-2.6	-2.8	-6.3
WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	-5.7	-6.0	-0.8
WPUSI004011	Lumber and plywood	3.3	-7.9	3.6	11.2	-4.9	-0.9	-0.9	-14.0
WPU062101	Architectural coatings	0.9	-2.8	0.9	2.6	6.7	2.4	1.4	8.1

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

WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	24.9	-7.0	9.8	14.1
WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	3.8	0.0	0.4	3.9
WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	14.1	-8.3	-5.9	-21.5
WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-15.6	-1.8	15.1	-16.5
WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	-3.7	2.5	-10.3

**Table 7: Changes in ECIs for total compensation, wages & salaries (through March)**

CIU201000000000	Private industry--total compensation	2.3	1.9	2.2	2.6	3.0	0.9	2.8	
CIU201230000000	Construction--total compensation	1.8	2.2	1.9	2.4	2.8	0.8	2.9	
CIU202000000000	Private industry--wages and salaries	2.2	2.1	2.3	2.8	3.1	0.9	3.0	
CIU202230000000	Construction--wages and salaries	1.9	2.6	2.1	2.5	3.1	0.7	2.9	

Updated 6/12/2019.

Source: BLS: [www.bls.gov/cpi](http://www.bls.gov/cpi) for CPI, [www.bls.gov/ppi](http://www.bls.gov/ppi) for PPIs; [www.bls.gov/ect](http://www.bls.gov/ect) for ECIs.

Compiled by Ken Simonson ([simonsonk@agc.org](mailto:simonsonk@agc.org)), Chief Economist, Associated General Contractors of America, [www.agc.org](http://www.agc.org).



**Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2013-2019**

**BLS Series ID**

**12-month percentage change to December:**

**to June 2019 since:**

**BLS Series ID**

**12-month percentage change to December:**

**to June 2019 since:**

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

	2014	2015	2016	2017	2018	5/19	3/19	6/18	
CUU00000SA0	Consumer price index (CPI-U) (through June)	0.8	0.7	2.1	2.1	1.9	0.0	0.8	1.6
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.6	0.3	0.6	1.7
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.2	0.2	1.8	5.3
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.3	0.1	1.4	5.0
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	0.4	2.4	5.9
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	0.2	1.7	5.0
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.4	0.2	1.7	5.4
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.0	0.4	2.4	5.1
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.4	0.5	3.0	7.2
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.6	-0.3	1.1	4.1
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	-0.1	2.0	6.6
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	5.0	0.4	0.6	4.5
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.4	0.3	1.9	3.7

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

PCU2381X23811X	Concrete contractors, nonresidential building work	2.0	3.9	4.4	3.0	6.2	0.2	1.8	7.1
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	-0.1	0.2	1.9
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	0.5	2.3	5.8
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	0.0	2.6	5.8

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

WPUIP230000	Inputs to construction industries	2.4	4.4	4.0	-0.6	0.4	0.0		
WPUIP230001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	-1.3	-0.1	-1.3
WPUIP2300012	Inputs to construction industries, energy	11.8	20.6	-5.0	-7.0	-0.7	-13.4		
WPUIP2300013	Inputs to construction industries, goods less foods and energy	1.1	3.3	5.0	-0.4	-0.1	1.0		
WPUIP2300002	Inputs to construction industries, services	2.8	3.7	4.6	0.4	1.1	1.8		
WPUIP231000	Inputs to new construction	2.4	4.4	4.0	-0.5	0.4	0.1		
WPUIP231200	New nonresidential construction	2.0	4.3	4.3	-0.6	0.5	0.5		
WPUIP231211	Commercial structures	2.3	4.2	4.7	-0.5	0.4	0.8		
WPUIP231212	Healthcare structures	2.1	4.1	4.2	-0.5	0.4	0.6		
WPUIP231220	Industrial structures	1.5	3.8	4.0	0.1	0.9	2.7		
WPUIP231230	Other nonresidential	2.1	4.5	4.3	-0.6	0.5	0.4		
WPUIP231231	Highways and streets	2.4	4.6	5.0	-1.1	0.5	0.2		
WPUIP231232	Power and communications structures	2.7	4.8	3.6	-0.8	0.4	0.1		
WPUIP231233	Educational and vocational structures	1.8	4.1	4.2	-0.3	0.5	0.5		
WPUIP231234	Other misc. nonresidential construction	2.2	4.8	3.8	-0.6	0.4	0.4		
WPUIP231100	New residential construction	2.4	4.4	3.9	-0.5	0.3	-0.4		
WPUIP231110	Single-family	2.6	4.6	3.6	-0.4	0.4	-0.4		
WPUIP231120	Multifamily	2.6	4.1	4.2	-0.5	0.5	-0.7		
WPUIP232000	Maintenance and repair construction	2.2	4.5	3.7	-0.7	0.3	-0.5		
WPUIP232200	Nonresidential maintenance and repair	2.3	4.7	3.8	-0.7	0.3	-0.5		
WPUIP232100	Residential maintenance and repair	2.0	4.6	4.0	-0.8	0.3	-0.4		

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

WPU4531	Architectural services	2.3	1.8	1.1	2.7	-1.2	-0.7	-1.8	-1.0
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.1	-1.0	0.4	2.5
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.5	1.0	1.0	2.8
WPU443	Const, mining & forestry mach & eq rental & leasing	-3.3	-3.8	-1.1	3.4	-0.5	-1.0	-0.3	1.6

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

WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	4.0	-13.2	-16.7	-21.8
WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.5	0.7	-1.9	4.5
WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	-0.8	2.6	3.6
WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	-0.9	2.9	4.3

WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	1.2	2.3	2.9
WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	0.7	2.4	3.4
WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.1	1.0	1.8	4.3
WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	2.3	0.8	2.3	4.2
WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.2	0.9	3.2	3.1
WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	4.8	0.0	0.7	4.6
WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.1	0.6	0.3	1.0
WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.3	-0.2	-0.2	0.8

WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.5	0.0	-0.3	1.4
WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.4	-0.3	0.1	0.1
WPU137	Gypsum products	5.1	0.1	7.9	5.8	4.0	-2.6	-4.2	-8.1
WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	-0.1	-4.2	-0.7
WPUSI004011	Lumber and plywood	3.3	-7.9	3.6	11.2	-4.9	-2.3	-3.3	-17.6
WPU062101	Architectural coatings	0.9	-2.8	0.9	2.6	6.7	0.1	1.5	8.2

WPU1017	Steel mill products	0.7	-19.4	8.6	7.5	19.3	-2.0	-4.3	-3.4
WPU101706	Steel pipe and tube	0.0	-16.1	5.4	10.2	20.0	-1.8	-4.9	-2.7
WPU102502	Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.7	-3.0	-3.5	-10.1
WPU102501	Aluminum mill shapes	10.9	-14.0	5.5	10.1	6.8	-1.0	-1.9	-7.5
WPU1073	Sheet metal products	2.5	-1.5	2.2	2.2	7.6	0.0	-1.3	2.0
WPU107405	Fabricated structural metal	1.4	-3.3	2.3	3.5	14.8	-3.8	-3.3	1.3
WPU1074051	Fabricated structural metal bar joists & rebar	2.5	0.1	4.9	-0.5	12.1	-0.7	-0.6	-2.6
WPU10740514	Fabricated structural metal for non-industrial buildings	2.2	0.5	4.0	-1.3	13.1	-0.8	-0.9	-3.5
WPU10740553	Fabricated structural metal for bridges	5.8	-7.5	-7.0	-0.4	15.0	-3.9	-0.1	2.0
WPU107408	Ornamental and architectural metal work	3.1	0.1	2.2	3.5	11.5	0.2	-0.6	4.5
WPU1076	Fabricated steel plate	1.4	-1.3	0.2	1.4	2.9	-0.4	-0.4	2.6
WPU1079	Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	-2.3	-0.9	-1.9
WPU112	Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	0.1	0.4	5.8
WPU07120105	Truck & bus (incl. off-the-highway) pneumatic tires	-4.3	-4.2	2.7	1.8	2.5	-0.7	-3.9	-0.5

WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	24.9	5.7	11.5	3.4
WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	3.8	1.1	1.6	4.4
WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	14.1	-8.9	-19.0	-27.8
WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-15.6	-5.7	-4.5	-22.5
WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	-5.8	-6.8	-17.1

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

Table 7: Changes in ECIs for total compensation, wages & salaries (through March)									
CIU201000000000	Private industry--total compensation	2.3	1.9	2.2	2.6	3.0	0.9	2.8	
CIU201230000000	Construction--total compensation	1.8	2.2	1.9	2.4	2.8	0.8	2.9	
CIU202000000000	Private industry--wages and salaries	2.2	2.1	2.3	2.8	3.1	0.9	3.0	
CIU202230000000	Construction--wages and salaries	1.9	2.6	2					



**Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2013-2019**

**BLS Series ID**

**12-month percentage change to December:**

**to July 2019 since:**

**BLS Series ID**

**12-month percentage change to December:**

**to July 2019 since:**

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

	2014	2015	2016	2017	2018	6/19	4/19	7/18	
CUUR0000SA0	Consumer price index (CPI-U) (through June)	0.8	0.7	2.1	2.1	1.9	0.0	0.8	1.6
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.6	0.2	0.5	1.7
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.2	0.6	0.8	5.5
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.3	0.6	0.6	5.2
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	0.4	1.1	6.0
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	0.6	0.9	5.1
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.4	0.6	0.7	5.6
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.0	0.6	0.7	5.4
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.4	0.4	1.3	7.1
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.6	0.9	0.6	4.5
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	0.7	0.6	6.6
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	5.0	0.5	0.4	4.5
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.4	0.3	1.4	3.9

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

PCU2381X23811X	Concrete contractors, nonresidential building work	2.0	3.9	4.4	3.0	6.2	0.5	0.7	6.9
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	0.5	0.4	2.3
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	0.8	1.3	5.6
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	0.4	1.2	6.1

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

WPUIP230000	Inputs to construction industries	2.4	4.4	4.0	0.2	-0.5	0.1		
WPUIP230001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	0.8	-0.3	-0.6
WPUIP2300012	Inputs to construction industries, energy	11.8	20.6	-5.0	5.0	-2.3	-8.1		
WPUIP2300013	Inputs to construction industries, goods less food and energy	1.1	3.3	5.0	0.1	0.1	0.9		
WPUIP2300002	Inputs to construction industries, services	2.8	3.7	4.6	-0.6	-0.6	1.0		
WPUIP231000	Inputs to new construction	2.4	4.4	4.0	0.2	-0.5	0.2		
WPUIP231200	New nonresidential construction	2.0	4.3	4.3	0.2	-0.4	0.5		
WPUIP231211	Commercial structures	2.3	4.2	4.7	0.1	-0.3	0.6		
WPUIP231212	Healthcare structures	2.1	4.1	4.2	0.1	-0.3	0.5		
WPUIP231220	Industrial structures	1.5	3.8	4.0	0.0	0.0	2.4		
WPUIP231230	Other nonresidential	2.1	4.5	4.3	0.2	-0.4	0.4		
WPUIP231231	Highways and streets	2.4	4.6	5.0	0.5	-0.3	0.5		
WPUIP231232	Power and communications structures	2.7	4.8	3.6	0.1	-0.6	-0.1		
WPUIP231233	Educational and vocational structures	1.8	4.1	4.2	0.0	-0.3	0.5		
WPUIP231234	Other misc. nonresidential construction	2.2	4.8	3.8	0.1	-0.5	0.3		
WPUIP231100	New residential construction	2.4	4.4	3.9	0.1	-0.6	-0.2		
WPUIP231110	Single-family	2.6	4.6	3.6	0.1	-0.5	-0.3		
WPUIP231120	Multifamily	2.6	4.1	4.2	0.1	-0.6	-0.4		
WPUIP232000	Maintenance and repair construction	2.2	4.5	3.7	0.3	-0.6	-0.1		
WPUIP232200	Nonresidential maintenance and repair	2.3	4.7	3.8	0.2	-0.6	-0.3		
WPUIP232100	Residential maintenance and repair	2.0	4.6	4.0	0.2	-0.8	0.1		

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

WPU4531	Architectural services	2.3	1.8	1.1	2.7	-1.2	0.1	-1.7	-1.0
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.1	0.3	-0.3	2.2
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.5	-0.6	0.7	1.6
WPU443	Const, mining & forestry mach & eq rental & leasing	-3.3	-3.8	-1.1	3.4	-0.5	0.2	-1.0	1.0

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

WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	4.0	8.1	-8.6	-14.0
WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.5	0.2	1.1	3.4
WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	0.0	0.2	4.2
WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	0.0	0.2	5.0

WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	-0.3	0.2	2.8
WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	0.3	1.2	3.6
WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.1	-0.2	0.9	3.6
WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	2.3	-0.2	1.7	3.7
WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.2	0.1	1.2	3.5
WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	4.8	0.2	0.7	4.4
WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.1	2.5	2.2	3.0
WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.3	1.1	0.6	2.0

WPU0721 Plastic construction products

WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.4	0.4	0.1	0.7
WPU137	Gypsum products	5.1	0.1	7.9	5.8	4.0	2.2	-3.1	-7.3
WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	1.0	-4.8	0.2
WPUSI004011	Lumber and plywood	3.3	-7.9	3.6	11.2	-4.9	-0.3	-3.5	-15.9
WPU062101	Architectural coatings	0.9	-2.8	0.9	2.6	6.7	-0.1	2.4	7.8

WPU1017	Steel mill products	0.7	-19.4	8.6	7.5	19.3	-2.6	-5.1	-7.5
WPU101706	Steel pipe and tube	0.0	-16.1	5.4	10.2	20.0	-0.7	-4.5	-5.9
WPU102502	Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.7	0.4	-3.7	-1.6
WPU102501	Aluminum mill shapes	10.9	-14.0	5.5	10.1	6.8	-0.1	-2.0	-4.9
WPU1073	Sheet metal products	2.5	-1.5	2.2	2.2	7.6	-0.1	-0.2	1.5
WPU107405	Fabricated structural metal	1.4	-3.3	2.3	3.5	14.8	0.0	-1.4	-0.4
WPU1074051	Fabricated structural metal bar joists & rebar	2.5	0.1	4.9	-0.5	12.1	0.0	-0.7	-3.0
WPU10740514	Fabricated structural metal for non-industrial buildings	2.2	0.5	4.0	-1.3	13.1	-0.1	-0.9	-4.1
WPU10740553	Fabricated structural metal for bridges	5.8	-7.5	-7.0	-0.4	15.0	-2.1	-1.2	-5.8
WPU107408	Ornamental and architectural metal work	3.1	0.1	2.2	3.5	11.5	0.1	0.1	2.9
WPU1076	Fabricated steel plate	1.4	-1.3	0.2	1.4	2.9	-0.8	-1.2	1.3
WPU1079	Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	-0.3	-1.9	-3.9
WPU112	Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	0.1	0.3	5.4
WPU07120105	Truck & bus (incl. off-the-highway) pneumatic tires	-4.3	-4.2	2.7	1.8	2.5	0.5	-1.5	1.1

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

WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	24.9	9.9	8.1	3.4
WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	3.8	0.4	1.5	4.4
WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	14.1	-3.2	-19.1	-27.8
WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-15.6	-1.2	-8.4	-22.5
WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	-0.4	-9.6	-17.1

**Table 7: Changes in ECIs for total compensation, wages & salaries (through June)**

CIU201000000000	Private industry--total compensation	2.3	1.9	2.2	2.6	3.0	0.6	2.6
CIU201230000000	Construction--total compensation	1.8	2.2	1.9	2.4	2.8	1.0	2.7
CIU202000000000	Private industry--wages and salaries	2.2	2.1	2.3	2.8	3.1	0.7	3.0
CIU202230000000	Construction--wages and salaries	1.9	2.6	2.1	2.5	3.1	1.1	



**Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2013-2019**

**BLS Series ID**

**12-month percentage change to December:**

2014 2015 2016 2017 2018

7/19 5/19 8/18

**to August 2019 since:**

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

	Consumer price index (CPI-U)	0.8	0.7	2.1	2.1	1.9	0.0	0.2	1.7
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.6	-0.1	0.3	1.8
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.2	0.1	0.9	5.4
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.3	0.2	0.9	5.3
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	-0.1	0.7	5.8

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

PCU2381X23811X Concrete contractors, nonresidential building work	2.0	3.9	4.4	3.0	6.2	0.5	1.3	7.2
PCU23816X23816X Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	0.1	0.5	2.4
PCU23821X23821X Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	0.2	1.5	5.6
PCU23822X23822X Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	0.0	0.4	5.8

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

WPUIP230000 Inputs to construction industries	2.4	4.4	4.0	-0.2	-0.6	0.4	WPU1017 Steel mill products	0.7	-19.4	8.6	7.5	19.3	-1.3	-5.7	-10.6		
WPUIP230001 Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	-0.6	-1.1	-0.9	WPU101706 Steel pipe and tube	0.0	-16.1	5.4	10.2	20.0	1.1	-1.4	-7.1
WPUIP2300012 Inputs to construction industries, energy	11.8	20.6	-5.0	-5.7	-7.8	-12.6	WPU102502 Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.7	-1.6	-4.3	-0.6		
WPUIP2300013 Inputs to construction industries, goods less food and energy	1.1	3.3	5.0	0.3	0.0	1.3	WPU102501 Aluminum mill shapes	10.9	-14.0	5.5	10.1	6.8	-1.5	-2.5	-5.2		
WPUIP2300002 Inputs to construction industries, services	2.8	3.7	4.6	0.3	0.0	1.9	WPU1073 Sheet metal products	2.5	-1.5	2.2	2.2	7.6	0.1	-0.1	1.1		
WPUIP231000 Inputs to new construction	2.4	4.4	4.0	-0.3	-0.6	0.4	WPU107405 Fabricated structural metal	1.4	-3.3	2.3	3.5	14.8	5.2	1.2	5.1		
WPUIP231200 New nonresidential construction	2.0	4.3	4.3	-0.2	-0.6	0.7	WPU1074051 Fabricated structural metal bar joists & rebar	2.5	0.1	4.9	-0.5	12.1	0.3	-0.5	-3.2		
WPUIP231211 Commercial structures	2.3	4.2	4.7	0.0	-0.4	1.0	WPU10740553 Fabricated structural metal for non-industrial buildings	2.2	0.5	4.0	-1.3	13.1	0.2	-0.7	-4.0		
WPUIP231212 Healthcare structures	2.1	4.1	4.2	-0.1	-0.5	0.8	WPU107408 Ornamental and architectural metal work	5.8	-7.5	-7.0	-0.4	15.0	-0.8	-6.7	-1.8		
WPUIP231220 Industrial structures	1.5	3.8	4.0	0.0	0.1	2.6	WPU1076 Fabricated steel plate	1.4	-1.3	0.2	1.4	2.9	0.1	-1.1	0.5		
WPUIP231230 Other nonresidential	2.1	4.5	4.3	-0.3	-0.7	0.5	WPU1079 Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	-0.5	-3.1	-4.5		
WPUIP231231 Highways and streets	2.4	4.6	5.0	-0.3	-0.8	0.4	WPU112 Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	0.0	0.3	2.1		
WPUIP231232 Power and communications structures	2.7	4.8	3.6	-0.3	-1.0	0.0	WPU07120105 Truck & bus (incl. off-the-highway) pneumatic tires	-4.3	-4.2	2.7	1.8	2.5	0.0	-0.1	0.5		
WPUIP231233 Educational and vocational structures	1.8	4.1	4.2	-0.2	-0.5	0.7											
WPUIP231234 Other misc. nonresidential construction	2.2	4.8	3.8	-0.3	-0.8	0.5											
WPUIP231100 New residential construction	2.4	4.4	3.9	-0.3	-0.7	0.0	WPU058102 Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	24.9	-3.4	12.3	-4.4		
WPUIP231110 Single-family	2.6	4.6	3.6	-0.4	-0.7	-0.2	WPU1321 Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	3.8	-0.1	1.4	4.7		
WPUIP231120 Multifamily	2.6	4.1	4.2	0.0	-0.4	0.1	WPU1012 Iron and steel scrap	-16.9	-50.8	63.7	18.5	14.1	8.3	-4.5	-18.9		
WPUIP232000 Maintenance and repair construction	2.2	4.5	3.7	-0.4	-0.8	0.0	WPU101212 Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-15.6	20.8	12.7	-0.3		
WPUIP232200 Nonresidential maintenance and repair	2.3	4.7	3.8	-0.4	-0.9	-0.2	WPU102301 Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	-2.4	-8.4	-9.7		
WPUIP232100 Residential maintenance and repair	2.0	4.6	4.0	-0.3	-0.9	0.2											

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

WPU4531 Architectural services	2.3	1.8	1.1	2.7	-1.2	0.0	-0.6	-1.0
WPU4532 Engineering services	1.9	2.5	2.0	2.8	2.1	-0.1	-0.7	1.9
WPU3012 Truck transportation of freight	1.1	-2.2	0.2	4.5	6.5	-0.2	0.1	1.2
WPU443 Const, mining & forestry mach & eq rental & leasing	-3.3	-3.8	-1.1	3.4	-0.5	0.0	-0.8	1.5

**BLS Series ID**

**12-month percentage change to December:**

2014 2015 2016 2017 2018

7/19 5/19 8/18

**to August 2019 since:**

7/19 5/19 8/18

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

WPU057303 #2 diesel fuel	-26.9	-43.1	21.4	40.9	4.0	-6.1	-11.8	-18.4
WPU1394 Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.5	-0.1	0.8	1.3
WPU136 Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	0.3	-0.5	3.1
WPU1361 Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	0.3	-0.6	3.7

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

WPU1017 Steel mill products	0.7	-19.4	8.6	7.5	19.3	-1.3	-5.7	-10.6
WPU101706 Steel pipe and tube	0.0	-16.1	5.4	10.2	20.0	1.1	-1.4	-7.1
WPU102502 Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.7	-1.6	-4.3	-0.6
WPU102501 Aluminum mill shapes	10.9	-14.0	5.5	10.1	6.8	-1.5	-2.5	-5.2
WPU1073 Sheet metal products	2.5	-1.5	2.2	2.2	7.6	0.1	-0.1	1.1
WPU107405 Fabricated structural metal	1.4	-3.3	2.3	3.5	14.8	5.2	1.2	5.1
WPU1074051 Fabricated structural metal bar joists & rebar	2.5	0.1	4.9	-0.5	12.1	0.3	-0.5	-3.2
WPU10740553 Fabricated structural metal for non-industrial buildings	2.2	0.5	4.0	-1.3	13.1	0.2	-0.7	-4.0
WPU107408 Ornamental and architectural metal work	5.8	-7.5	-7.0	-0.4	15.0	-0.8	-6.7	-1.8
WPU1076 Fabricated steel plate	1.4	-1.3	0.2	1.4	2.9	0.1	-1.1	0.5
WPU1079 Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	-0.5	-3.1	-4.5
WPU112 Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	0.0	0.3	2.1
WPU07120105 Truck & bus (incl. off-the-highway) pneumatic tires	-4.3	-4.2	2.7	1.8	2.5	0.0	-0.1	0.5
WPU058102 Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	24.9	-3.4	12.3	-4.4
WPU1321 Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	3.8	-0.1	1.4	4.7
WPU1012 Iron and steel scrap	-16.9	-50.8	63.7	18.5	14.1	8.3	-4.5	-18.9
WPU101212 Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-15.6	20.8	12.7	-0.3
WPU102301 Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	-2.4	-8.4	-9.7

**Table 7: Changes in ECIs for total compensation, wages & salaries (through June)**

CIU201000000000 Private industry--total compensation	2.3	1.9	2.2	2.6	3.0	0.6	2.6
CIU201230000000 Construction--total compensation	1.8	2.2	1.9	2.4	2.8	1.0	2.7
CIU202000000000 Private industry--wages and salaries	2.2	2.1	2.3	2.8	3.1	0.7	3.0
CIU202230000000 Construction--wages and salaries	1.9	2.6	2.1	2.5	3.1	1.1	2.9

Updated 9/12/2019.

Source: BLS: [www.bls.gov/cpi](http://www.bls.gov/cpi) for CPI, [www.bls.gov/ppi](http://www.bls.gov/ppi) for PPIs; [www.bls.gov/ect](http://www.bls.gov/ect) for ECIs.

Compiled by Ken Simonson ([ken.simonson@agc.org](mailto:ken.simonson@agc.org)), Chief Economist, Associated General Contractors of America, [www.agc.org](http://www.agc.org).



**Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2013-2019**

BLS Series ID

12-month percentage change to December: to September 2019 since:

	2014	2015	2016	2017	2018	8/19	6/19	9/18
--	------	------	------	------	------	------	------	------

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

CUU00000SA0	Consumer price index (CPI-U)	0.8	0.7	2.1	2.1	1.9	0.0	0.2	1.7
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.6	-0.4	-0.3	1.4
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.2	0.1	0.8	5.5
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.3	0.2	1.0	5.4
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	0.0	0.3	5.7
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	-0.1	0.6	4.9
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.4	0.2	0.9	5.7
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.0	0.7	1.6	6.2
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.4	0.1	0.3	7.1
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.6	0.1	1.3	4.7
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	0.1	0.7	6.6
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	5.0	0.3	0.8	4.5
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.4	-0.7	-0.3	2.9

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

PCU2381X23811X	Concrete contractors, nonresidential building work	2.0	3.9	4.4	3.0	6.2	0.1	1.1	7.2
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	0.2	0.8	2.5
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	-0.6	0.3	5.0
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	-0.1	0.2	5.5

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

WPUIP230000	Inputs to construction industries	2.4	4.4	4.0	-0.1	-0.1	0.4		
WPUIP230001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	-0.6	-0.4	-1.7
WPUIP2300012	Inputs to construction industries, energy	11.8	20.6	-5.0	-1.1	-2.0	-13.9		
WPUIP2300013	Inputs to construction industries, goods less foods and energy	1.1	3.3	5.0	-0.5	-0.2	0.6		
WPUIP2300002	Inputs to construction industries, services	2.8	3.7	4.6	0.5	0.2	2.9		
WPUIP231000	Inputs to new construction	2.4	4.4	4.0	-0.1	-0.2	0.3		
WPUIP231200	New nonresidential construction	2.0	4.3	4.3	-0.2	-0.2	0.5		
WPUIP231211	Commercial structures	2.3	4.2	4.7	-0.3	-0.2	0.6		
WPUIP231212	Healthcare structures	2.1	4.1	4.2	-0.1	-0.1	0.7		
WPUIP231220	Industrial structures	1.5	3.8	4.0	0.2	0.2	2.7		
WPUIP231230	Other nonresidential	2.1	4.5	4.3	-0.1	-0.2	0.4		
WPUIP231231	Highways and streets	2.4	4.6	5.0	-0.5	-0.3	-0.5		
WPUIP231232	Power and communications structures	2.7	4.8	3.6	-0.1	-0.3	0.0		
WPUIP231233	Educational and vocational structures	1.8	4.1	4.2	0.1	-0.1	0.8		
WPUIP231234	Other misc. nonresidential construction	2.2	4.8	3.8	-0.1	-0.3	0.4		
WPUIP231100	New residential construction	2.4	4.4	3.9	0.1	-0.1	0.2		
WPUIP231110	Single-family	2.6	4.6	3.6	0.1	-0.2	0.1		
WPUIP231120	Multifamily	2.6	4.1	4.2	-0.2	-0.1	0.0		
WPUIP232000	Maintenance and repair construction	2.2	4.5	3.7	-0.1	-0.2	0.0		
WPUIP232200	Nonresidential maintenance and repair	2.3	4.7	3.8	-0.1	-0.3	-0.2		
WPUIP232100	Residential maintenance and repair	2.0	4.6	4.0	-0.1	-0.2	0.2		

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

WPU4531	Architectural services	2.3	1.8	1.1	2.7	-1.2	-0.6	-0.5	-1.2
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.1	0.3	0.5	2.1
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.5	-0.6	-1.5	-0.2
WPU443	Const, mining & forestry mach & eq rental & leasing	-3.3	-3.8	-1.1	3.4	-0.5	-0.2	0.0	0.7

BLS Series ID

12-month percentage change to December: to September 2019 since:

	2014	2015	2016	2017	2018	8/19	6/19	9/18
--	------	------	------	------	------	------	------	------

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

WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	4.0	5.5	7.1	-16.6
WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.5	0.5	0.6	1.4
WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	-0.8	-0.5	-0.2
WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	-0.9	-0.6	-0.1
WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	0.0	-0.7	2.7
WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	-0.3	0.5	3.4
WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.1	0.6	0.3	4.2
WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	2.3	0.5	0.3	4.0
WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.2	-0.8	0.2	3.1
WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	4.8	0.4	0.9	4.4
WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.1	0.3	2.2	2.5
WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.3	0.1	1.1	2.0

BLS Series ID

12-month percentage change to December: to September 2019 since:

	2014	2015	2016	2017	2018	8/19	6/19	9/18
--	------	------	------	------	------	------	------	------

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

WPU1017	Steel mill products	0.7	-19.4	8.6	7.5	19.3	0.8	-3.1	-11.1
WPU101706	Steel pipe and tube	0.0	-16.1	5.4	10.2	20.0	1.1	1.6	-6.9
WPU102502	Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.7	-0.2	-1.5	1.0
WPU102501	Aluminum mill shapes	10.9	-14.0	5.5	10.1	6.8	-0.4	-1.9	-4.8
WPU107405	Sheet metal products	2.5	-1.5	2.2	2.2	7.6	0.0	0.0	0.6
WPU1074051	Fabricated structural metal	1.4	-3.3	2.3	3.5	14.8	-4.7	0.2	-0.2
WPU10740514	Fabricated structural metal for non-industrial buildings	2.2	0.5	4.0	-1.3	13.1	0.1	0.2	-3.9
WPU10740553	Fabricated structural metal for bridges	5.8	-7.5	-7.0	-0.4	15.0	3.3	0.3	-2.6
WPU107408	Ornamental and architectural metal work	3.1	0.1	2.2	3.5	11.5	-0.1	-0.3	1.9
WPU1076	Fabricated steel plate	1.4	-1.3	0.2	1.4	2.9	-1.6	-2.3	-2.0
WPU1079	Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	0.4	-0.4	-4.6
WPU112	Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	0.4	0.6	2.2
WPU07120105	Truck & bus (incl. off-the-highway) pneumatic tires	-4.3	-4.2	2.7	1.8	2.5	-0.4	0.1	0.1

**Table 7: Changes in ECIs for total compensation, wages & salaries (through June)**

CIU201000000000	Private industry--total compensation	2.3	1.9	2.2	2.6	3.0	0.6	2.6
CIU201230000000	Construction--total compensation	1.8	2.2	1.9	2.4	2.8	1.0	2.7
CIU202000000000	Private industry--wages and salaries	2.2	2.1	2.3	2.8	3.1	0.7	3.0
CIU202230000000	Construction--wages and salaries	1.9	2.6	2.1	2.5	3.1	1.1	2.9

Updated 10/8/2019.

Source: BLS: [www.bls.gov/cpi](http://www.bls.gov/cpi) for CPI, [www.bls.gov/ppi](http://www.bls.gov/ppi) for PPIs; [www.bls.gov/ect](http://www.bls.gov/ect) for ECIs.

Compiled by Ken Simonson ([ken.simonson@agc.org](mailto:ken.simonson@agc.org)), Chief Economist, Associated General Contractors of America, [www.agc.org](http://www.agc.org).

**Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2013-2019**

BLS Series ID

12-month percentage change to December:  
2014 2015 2016 2017 2018 9/19 7/19 10/18

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

	Consumer price index (CPI-U)	0.8	0.7	2.1	2.1	1.9	0.2	0.3	1.8	9/19	7/19	10/18
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.6	0.6	0.1	1.1			
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.2	0.4	0.5	3.9			
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.3	0.4	0.8	3.9			
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	0.3	0.2	4.0			
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	0.2	0.2	3.5			
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.4	0.4	0.6	4.0			
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.0	0.4	1.4	5.8			
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.4	0.4	0.3	4.6			
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.6	0.0	0.3	2.9			
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	0.7	0.8	4.6			
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	5.0	0.5	0.8	3.2			
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.4	0.0	-0.7	2.5			

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

PCU23811X23811X	Concrete contractors, nonresidential building work	2.0	3.9	4.4	3.0	6.2	-0.1	0.4	4.7			
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	0.9	1.2	3.8			
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	0.4	-0.1	3.6			
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	0.3	0.1	3.8			

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

WPUIP230000	Inputs to construction industries	2.4	4.4	4.0	0.0	-0.3	-0.5					
WPUIP230001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	0.0	-1.2	-2.2			
WPUIP2300012	Inputs to construction industries, energy	11.8	20.6	-5.0	0.6	-6.1	-15.7					
WPUIP2300013	Inputs to construction industries, goods less foods and energy	1.1	3.3	5.0	-0.1	-0.4	0.5					
WPUIP230002	Inputs to construction industries, services	2.8	3.7	4.6	0.1	0.9	1.8					
WPUIP231000	Inputs to new construction	2.4	4.4	4.0	0.1	-0.3	-0.4					
WPUIP231200	New nonresidential construction	2.0	4.3	4.3	0.1	-0.3	-0.3					
WPUIP231211	Commercial structures	2.3	4.2	4.7	0.0	-0.3	-0.2					
WPUIP231212	Healthcare structures	2.1	4.1	4.2	0.1	-0.1	0.1					
WPUIP231220	Industrial structures	1.5	3.8	4.0	0.2	0.4	1.7					
WPUIP231230	Other nonresidential	2.1	4.5	4.3	0.0	-0.4	-0.5					
WPUIP231231	Highways and streets	2.4	4.6	5.0	0.1	-0.7	-1.4					
WPUIP231232	Power and communications structures	2.7	4.8	3.6	0.0	-0.4	-0.9					
WPUIP231233	Educational and vocational structures	1.8	4.1	4.2	0.1	0.0	0.3					
WPUIP231234	Other misc. nonresidential construction	2.2	4.8	3.8	0.1	-0.3	-0.4					
WPUIP231100	New residential construction	2.4	4.4	3.9	0.0	-0.2	-0.5					
WPUIP231110	Single-family	2.6	4.6	3.6	0.0	-0.3	-0.5					
WPUIP231120	Multifamily	2.6	4.1	4.2	0.0	-0.2	-0.5					
WPUIP232000	Maintenance and repair construction	2.2	4.5	3.7	0.2	-0.3	-0.5					
WPUIP232200	Nonresidential maintenance and repair	2.3	4.7	3.8	0.1	-0.4	-0.8					
WPUIP232100	Residential maintenance and repair	2.0	4.6	4.0	0.2	-0.2	-0.3					

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

WPU4531	Architectural services	2.3	1.8	1.1	2.7	-1.2	0.0	-0.6	-1.2			
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.1	0.4	0.6	2.6			
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.5	0.3	-0.6	-0.6			
WPU443	Const, mining & forestry mach & eq rental & leasing	-3.3	-3.8	-1.1	3.4	-0.5	-0.7	-0.9	-0.5			

BLS Series ID

12-month percentage change to December:  
2014 2015 2016 2017 2018 9/19 7/19 10/18

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

WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	4.0	0.8	-0.1	-18.8			
WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.5	-1.2	-0.9	-0.6			
WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	-0.2	-0.7	-1.5			
WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	-0.2	-0.8	-1.5			
WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	-0.1	-0.4	2.4			
WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	-0.3	-0.1	3.5			
WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.1	0.0	0.6	4.2			
WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	2.3	0.1	0.7	5.7			
WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.2	-0.2	-0.2	3.4			
WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	4.8	-0.4	0.3	3.9			
WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.1	-0.9	-1.2	1.6			
WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.3	0.0	0.1	2.2			
WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.5	-0.1	-0.6	0.4			
WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.4	-0.4	0.1	1.0			
WPU137	Gypsum products	5.1	0.1	7.9	5.8	4.0	0.3	0.3	-7.1			
WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	0.0	0.1	-2.9			
WPUSI004011	Lumber and plywood	3.3	-7.9	3.6	11.2	-4.9	0.2	-0.5	-5.2			
WPU062101	Architectural coatings	0.9	-2.8	0.9	2.6	6.7	0.1	-0.9	6.6			

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

WPU1017	Steel mill products	0.7	-19.4	8.6	7.5	19.3	-3.0	-3.5	-13.1			
WPU101706	Steel pipe and tube	0.0	-16.1	5.4	10.2	20.0	-0.4	1.9	-5.9			
WPU102502	Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.7	-0.7	-2.5	-1.2			
WPU102501	Aluminum mill shapes	10.9	-14.0	5.5	10.1	6.8	-0.8	-2.6	-5.4			
WPU1073	Sheet metal products	2.5	-1.5	2.2	2.2	7.6	0.0	0.0	-0.9			
WPU107405	Fabricated structural metal	1.4	-3.3	2.3	3.5	14.8	-1.1	-0.9	-1.3			
WPU1074051	Fabricated structural metal bar joists & rebar	2.5	0.1	4.9	-0.5	12.1	-0.1	0.3	-3.3			
WPU10740514	Fabricated structural metal for non-industrial building	2.2	0.5	4.0	-1.3	13.1	-0.1	0.2	-4.1			
WPU10740553	Fabricated structural metal for bridges	5.8	-7.5	-7.0	-0.4	15.0	-0.7	1.7	-3.3			
WPU107408	Ornamental and architectural metal work	3.1	0.1	2.2	3.5	11.5	0.0	-0.4	1.7			
WPU1076	Fabricated steel plate	1.4	-1.3	0.2	1.4	2.9	0.4	-1.2	-1.5			
WPU1079	Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	-1.0	-1.2	-5.6			
WPU112	Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	0.0	0.5	2.2			
WPU07120105	Truck & bus (incl. off-the-highway) pneumatic tires	-4.3	-4.2	2.7	1.8	2.5	0.0	-0.4	-1.1			

**Table 7: Changes in ECIs for total compensation, wages & salaries (through September)**

CIU201000000000	Private industry—total compensation	2.3	1.9	2.2	2.6	3.0	0.7	2.7				
CIU201230000000	Construction—total compensation	1.8	2.2	1.9	2.4	2.8	1.3	3.5				
CIU202000000000	Private industry—wages and salaries	2.2	2.1	2.3	2.8	3.1	0.8	3.0				
CIU202230000000	Construction—wages and salaries	1.9	2.6	2.1	2.5	3.1	1.5	3.7				

Updated 11/14/2019.

Source: BLS: [www.bls.gov/cpi](http://www.bls.gov/cpi) for CPI, [www.bls.gov/ppi](http://www.bls.gov/ppi) for PPIs; [www.bls.gov/ect](http://www.bls.gov/ect) for ECIs.

Compiled by Ken Simonson ([ken.simonson@agc.org](mailto:ken.simonson@agc.org)), Chief Economist, Associated General Contractors of America, [www.agc.org](http://www.agc.org).



**Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2013-2019**

BLS Series ID

12-month percentage change to December: to November 2019 since:

	2014	2015	2016	2017	2018	10/19	8/19	11/18
--	------	------	------	------	------	-------	------	-------

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

CUUR0000SA0	Consumer price index (CPI-U)	0.8	0.7	2.1	2.1	1.9	-0.1	0.3	2.1
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.6	-0.4	-0.3	1.1
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.2	0.0	0.5	3.7
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.3	0.0	0.6	3.6
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	-0.1	0.2	3.8
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	0.1	0.2	3.4
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.4	-0.1	0.6	3.7
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.0	-0.2	0.9	4.6
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.4	-0.2	0.4	4.4
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.6	0.3	0.3	3.0
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	0.0	0.9	4.2
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	5.0	-0.2	0.7	3.1
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.4	0.1	-0.7	2.4

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

PCU23811X23811X	Concrete contractors, nonresidential building work	2.0	3.9	4.4	3.0	6.2	0.1	0.1	4.5
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	0.1	1.2	3.8
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	0.2	-0.1	3.5
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	0.0	0.1	3.6

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

WPUIP230000	Inputs to construction industries	2.4	4.4	4.0	-0.4	-0.5	0.2		
WPUIP230001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	-0.5	-1.1	-1.1
WPUIP2300012	Inputs to construction industries, energy	11.8	20.6	-5.0	-1.7	-2.2	-9.3		
WPUIP2300013	Inputs to construction industries, goods less foods and energy	1.1	3.3	5.0	-0.3	-0.9	0.4		
WPUIP230002	Inputs to construction industries, services	2.8	3.7	4.6	-0.3	0.4	1.7		
WPUIP231000	Inputs to new construction	2.4	4.4	4.0	-0.4	-0.4	0.2		
WPUIP231200	New nonresidential construction	2.0	4.3	4.3	-0.2	-0.3	0.6		
WPUIP231211	Commercial structures	2.3	4.2	4.7	-0.1	-0.4	0.5		
WPUIP231212	Healthcare structures	2.1	4.1	4.2	-0.2	-0.2	0.7		
WPUIP231220	Industrial structures	1.5	3.8	4.0	0.2	0.5	2.3		
WPUIP231230	Other nonresidential	2.1	4.5	4.3	-0.2	-0.3	0.4		
WPUIP231231	Highways and streets	2.4	4.6	5.0	-0.4	-0.8	-0.4		
WPUIP231232	Power and communications structures	2.7	4.8	3.6	-0.3	-0.4	0.0		
WPUIP231233	Educational and vocational structures	1.8	4.1	4.2	-0.1	0.1	0.8		
WPUIP231234	Other misc. nonresidential construction	2.2	4.8	3.8	-0.2	-0.2	0.5		
WPUIP231100	New residential construction	2.4	4.4	3.9	-0.5	-0.5	-0.2		
WPUIP231110	Single-family	2.6	4.6	3.6	-0.5	-0.4	-0.1		
WPUIP231120	Multifamily	2.6	4.1	4.2	-0.6	-0.8	-0.3		
WPUIP232000	Maintenance and repair construction	2.2	4.5	3.7	-0.5	-0.4	0.1		
WPUIP232200	Nonresidential maintenance and repair	2.3	4.7	3.8	-0.4	-0.4	-0.1		
WPUIP232100	Residential maintenance and repair	2.0	4.6	4.0	-0.6	-0.5	0.0		

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

WPU4531	Architectural services	2.3	1.8	1.1	2.7	-1.2	0.0	-0.6	-1.2
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.1	-0.1	0.6	2.2
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.5	0.4	0.1	-0.3
WPU443	Const, mining & forestry mach & eq rental & leasing	-3.3	-3.8	-1.1	3.4	-0.5	0.0	-0.9	-0.9

BLS Series ID

12-month percentage change to December: to November 2019 since:

	2014	2015	2016	2017	2018	10/19	8/19	11/18
--	------	------	------	------	------	-------	------	-------

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

WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	4.0	1.2	7.6	-15.6
WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.5	-1.9	-2.6	-1.0
WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	1.5	0.6	0.6
WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	1.8	0.7	0.9
WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	-0.5	-0.5	2.1
WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	-0.4	-0.9	3.0
WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.1	0.0	0.6	3.8
WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	2.3	0.1	0.8	2.9
WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.2	-0.8	-1.8	2.7
WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	4.8	0.6	0.6	3.9
WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.1	0.0	-0.6	1.9
WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.3	0.0	0.1	2.2
WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.5	-0.2	-0.4	0.0
WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.4	0.4	-0.2	1.3
WPU137	Gypsum products	5.1	0.1	7.9	5.8	4.0	0.0	0.2	-4.8
WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	0.3	3.2	-2.1
WPUSI004011	Lumber and plywood	3.3	-7.9	3.6	11.2	-4.9	0.3	1.0	-2.1
WPU062101	Architectural coatings	0.9	-2.8	0.9	2.6	6.7	0.9	1.1	3.8

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

WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	24.9	-6.0	-18.9	-16.1
WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	3.8	0.1	-0.1	3.8
WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	14.1	8.2	-19.5	-35.2
WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-15.6	-3.2	-20.9	-2.4
WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	1.8	-0.9	-8.2

**Table 7: Changes in ECIs for total compensation, wages & salaries (through September)**

CIU201000000000	Private industry—total compensation	2.3	1.9	2.2	2.6	3.0	0.7	2.7	
CIU201230000000	Construction—total compensation	1.8	2.2	1.9	2.4	2.8	1.3	3.5	
CIU202000000000	Private industry—wages and salaries	2.2	2.1	2.3	2.8	3.1	0.8	3.0	
CIU202230000000	Construction—wages and salaries	1.9	2.6	2.1	2.5	3.1	1.5	3.7	

Updated 12/13/2019.

Source: BLS: [www.bls.gov/cpi](http://www.bls.gov/cpi) for CPI, [www.bls.gov/ppi](http://www.bls.gov/ppi) for PPIs; [www.bls.gov/ect](http://www.bls.gov/ect) for ECIs.

Compiled by Ken Simonson ([ken.simonson@agc.org](mailto:ken.simonson@agc.org)), Chief Economist, Associated General Contractors of America, [www.agc.org](http://www.agc.org).



**Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2013-2019**

BLS Series ID

12-month percentage change to December: to December 2019 since:

	2014	2015	2016	2017	2018	11/19	9/19	12/18
--	------	------	------	------	------	-------	------	-------

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

CUUR0000SA0	Consumer price index (CPI-U)	0.8	0.7	2.1	2.1	1.9	-0.1	0.1	2.3
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.6	-0.1	0.1	1.3
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.2	0.0	0.4	3.6
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.3	0.1	0.5	3.6
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	0.0	0.2	3.8
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	0.0	0.3	3.3
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.4	0.1	0.4	3.8
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.0	0.0	0.2	4.6
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.4	-0.1	0.2	4.4
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.6	0.3	0.6	3.2
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	0.1	0.8	4.5
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	5.0	-0.1	0.3	2.8
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.4	0.0	0.1	2.2

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

PCU23811X23811X	Concrete contractors, nonresidential building work	2.0	3.9	4.4	3.0	6.2	0.1	0.1	4.7
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	-0.1	0.9	3.4
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	0.0	0.5	3.6
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	0.1	0.4	3.6

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

WPUIP230000	Inputs to construction industries	2.4	4.4	4.0	0.5	0.1	1.5		
WPUIP230001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	0.2	-0.3	1.0
WPUIP2300012	Inputs to construction industries, energy	11.8	20.6	-5.0	0.5	-0.5	5.5	WPUIP2501	
WPUIP2300013	Inputs to construction industries, goods less foods and energy	1.1	3.3	5.0	0.2	-0.2	0.3	WPUIP1073	
WPUIP230002	Inputs to construction industries, services	2.8	3.7	4.6	0.8	0.6	2.1	WPUIP107405	
WPUIP231000	Inputs to new construction	2.4	4.4	4.0	0.5	0.2	1.5	WPUIP1074051	
WPUIP231200	New nonresidential construction	2.0	4.3	4.3	0.6	0.5	2.1	WPUIP10740514	
WPUIP231211	Commercial structures	2.3	4.2	4.7	0.6	0.5	1.9	WPUIP10740553	
WPUIP231212	Healthcare structures	2.1	4.1	4.2	0.6	0.5	2.0	WPUIP107408	
WPUIP231220	Industrial structures	1.5	3.8	4.0	0.7	1.1	3.8	WPUIP1076	
WPUIP231230	Other nonresidential	2.1	4.5	4.3	0.5	0.4	2.0	WPUIP1079	
WPUIP231231	Highways and streets	2.4	4.6	5.0	0.5	0.3	1.7	WPUII12	
WPUIP231232	Power and communications structures	2.7	4.8	3.6	0.6	0.3	1.8	WPUIP120105	
WPUIP231233	Educational and vocational structures	1.8	4.1	4.2	0.5	0.5	1.9		
WPUIP231234	Other misc. nonresidential construction	2.2	4.8	3.8	0.6	0.5	2.3		
WPUIP231100	New residential construction	2.4	4.4	3.9	0.5	-0.1	0.9	WPUIP058102	
WPUIP231110	Single-family	2.6	4.6	3.6	0.4	-0.1	1.0	WPUIP1321	
WPUIP231120	Multifamily	2.6	4.1	4.2	0.5	-0.1	0.7	WPUIP1012	
WPUIP232000	Maintenance and repair construction	2.2	4.5	3.7	0.5	0.2	1.5	WPUIP101212	
WPUIP232200	Nonresidential maintenance and repair	2.3	4.7	3.8	0.4	0.1	1.4	WPUIP102301	
WPUIP232100	Residential maintenance and repair	2.0	4.6	4.0	0.5	0.0	0.9		

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

WPU4531	Architectural services	2.3	1.8	1.1	2.7	-1.2	0.0	0.0	-1.7
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.1	-0.2	0.1	2.0
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.5	0.5	1.2	0.2
WPU443	Const, mining & forestry mach & eq rental & leasing	-3.3	-3.8	-1.1	3.4	-0.5	0.0	-0.7	-1.2

BLS Series ID

12-month percentage change to December: to December 2019 since:

	2014	2015	2016	2017	2018	11/19	9/19	12/18
--	------	------	------	------	------	-------	------	-------

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

WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	4.0	5.0	7.1	0.8
WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.5	-0.4	-3.5	-1.3
WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	0.1	1.4	-0.8
WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	0.1	1.7	-0.8
WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	-0.1	-0.6	2.0
WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	0.0	-0.7	2.7
WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.1	0.0	0.0	3.5
WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	2.3	-0.1	0.1	2.6
WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.2	-0.1	-1.2	2.4
WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	4.8	0.2	0.4	3.8
WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.1	0.3	-0.5	2.5
WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.3	0.0	0.0	1.8
WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.5	-0.1	-0.4	0.0
WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.4	-0.3	-0.3	1.0
WPU137	Gypsum products	5.1	0.1	7.9	5.8	4.0	0.0	0.3	-5.2
WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	0.1	0.4	-2.9
WPUS1004011	Lumber and plywood	3.3	-7.9	3.6	11.2	-4.9	-0.3	0.2	-2.6
WPU062101	Architectural coatings	0.9	-2.8	0.9	2.6	6.7	0.0	1.1	4.1

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

WPU1017	Steel mill products	0.7	-19.4	8.6	7.5	19.3	-1.8	-6.5	-16.1
WPU101706	Steel pipe and tube	0.0	-16.1	5.4	10.2	20.0	-0.9	-2.2	-7.1
WPU2502	Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.7	0.6	0.6	-0.1
WPU102501	Aluminum mill shapes	10.9	-14.0	5.5	10.1	6.8	0.7	-1.5	-4.4
WPU1073	Sheet metal products	2.5	-1.5	2.2	2.2	7.6	0.0	0.0	-1.3
WPU107405	Fabricated structural metal	1.4	-3.3	2.3	3.5	14.8	2.7	0.0	-2.2
WPU1074051	Fabricated structural metal bar joists & rebar	2.5	0.1	4.9	-0.5	12.1	-0.2	-0.5	-3.5
WPU10740514	Fabricated structural metal for non-industrial building	2.2	0.5	4.0	-1.3	13.1	-0.1	-0.2	-4.1
WPU10740553	Fabricated structural metal for bridges	5.8	-7.5	-7.0	-0.4	15.0	-3.2	-8.5	-6.9
WPU107408	Ornamental and architectural metal work	3.1	0.1	2.2	3.5	11.5	-0.4	0.4	0.2
WPU1076	Fabricated steel plate	1.4	-1.3	0.2	1.4	2.9	-0.1	-0.5	-1.3
WPU1079	Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	-0.1	-2.7	-5.4
WPU112	Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	0.1	0.1	2.2
WPU07120105	Truck & bus (incl. off-the-highway) pneumatic tires	-4.3	-4.2	2.7	1.8	2.5	-1.9	0.7	-0.1
WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	24.9	-16.5	-26.5	-18.1
WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	3.8	0.1	0.0	4.1
WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	14.1	11.3	1.6	-28.0
WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-15.6	-1.5	-15.4	-2.1
WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	2.9	3.7	-5.5

**Table 7: Changes in ECIs for total compensation, wages & salaries (through September)**

CIU201000000000	Private industry—total compensation	2.3	1.9	2.2	2.6	3.0	0.7	2.7
CIU201230000000	Construction—total compensation	1.8	2.2	1.9	2.4	2.8	1.3	3.5
CIU202000000000	Private industry—wages and salaries	2.2	2.1	2.3	2.8	3.1	0.8	3.0
CIU202230000000	Construction—wages and salaries	1.9	2.6	2.1	2.5	3.1	1.5	3.7

Updated 1/15/2019.

Source: BLS: [www.bls.gov/cpi](http://www.bls.gov/cpi) for CPI, [www.bls.gov/ppi](http://www.bls.gov/ppi) for PPIs; [www.bls.gov/ect](http://www.bls.gov/ect) for ECIs.

Compiled by Ken Simonson ([ken.simonson@agc.org](mailto:ken.simonson@agc.org)), Chief Economist, Associated General Contractors of America, [www.agc.org](http://www.agc.org).