

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

BLS Series ID		to Jan. 2019 since									BLS Series ID		to Jan. 2019 since								
		2014	2015	2016	2017	2018	12/18	10/18	1/18	2014			2015	2016	2017	2018	12/18	10/18	1/18		
Table 1: Changes in consumer, producer & construction prices											Table 5: Changes in PPIs for processed goods important to construction										
CUUR0000SA0	Consumer price index (CPI-U)	0.8	0.7	2.1	2.1	1.9	0.2	-0.5	1.6	WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	5.0	-14.6	-25.9	-12.5		
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.5	0.1	-0.5	2.0	WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.2	4.8	2.9	6.8		
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.1	0.6	1.0	4.9	WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	-0.9	0.1	9.4		
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.2	0.7	1.1	5.1	WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	-1.2	0.0	9.4		
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	0.6	0.7	4.5	WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	0.9	0.6	2.2		
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	0.6	0.9	4.2	WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	0.9	1.6	3.6		
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.3	0.7	1.0	5.2	WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.4	0.8	1.7	4.7		
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.1	0.6	1.0	3.9	WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	-0.6	2.2	2.4	3.7		
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.5	0.7	0.7	5.2	WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.1	0.9	1.2	2.5		
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.4	0.6	1.1	5.2	WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	6.0	0.9	2.9	6.8		
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	0.8	0.9	5.8	WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.3	0.8	0.6	4.8		
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	4.5	1.0	1.2	4.8	WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.2	0.7	1.0	1.3		
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.2	0.3	0.7	2.1	WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.7	0.8	1.1	3.9		
Table 2: Changes in PPIs for new, repair & maintenance work by subcontractors											WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.3	1.0	0.7	1.6	
PCU23811X23811	Concrete contractors, nonresidential building work	2.0	3.9	4.4	3.0	6.2	0.6	0.8	6.1	WPU137	Gypsum products	5.1	0.1	7.9	5.8	2.9	-0.8	-3.1	0.0		
PCU23816X23816	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	0.6	2.2	2.2	2.8	WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	1.7	0.8	6.4		
PCU23821X23821	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	5.0	-0.1	0.5	4.0	WPU1004011	Lumber and plywood	3.3	-7.9	3.6	11.2	-4.4	-1.2	-3.5	-6.1		
PCU23822X23822	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	4.8	0.7	0.7	4.8	WPU062101	Architectural coatings	0.9	-2.8	0.9	2.6	7.2	0.5	4.2	7.4		
Table 3: Changes in PPIs for inputs to construction industries, excluding capital investment, labor and imports											WPU1017	Steel mill products	0.7	-19.4	8.6	7.5	18.5	0.5	0.4	18.9	
WPUIP230000	Inputs to construction industries			2.4	4.4	3.8	-0.1	-2.0	2.8	WPU101706	Steel pipe and tube	0.0	-16.1	5.4	10.2	21.3	-0.2	-0.8	18.3		
WPUIP2300001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	-0.7	-4.2	1.6	WPU102502	Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.6	-1.5	-2.4	-12.2		
WPUIP23000012	Inputs to construction industries, energy			11.8	20.6	-3.9	-9.1	-27.4	-14.5	WPU102501	Aluminum mill shapes	10.9	-14.0	5.5	10.1	6.3	0.5	-1.4	6.1		
WPUIP23000013	Inputs to construction industries, goods less foods and energy			1.1	3.3	4.8	0.6	0.4	4.4	WPU1073	Sheet metal products	2.5	-1.5	2.2	2.2	6.7	1.0	0.6	7.6		
WPUIP2300002	Inputs to construction industries, services			2.8	3.7	4.2	0.7	0.8	4.4	WPU107405	Fabricated structural metal	1.4	-3.3	2.3	3.5	12.0	-0.2	-0.7	8.7		
WPUIP231000	Inputs to new construction			2.4	4.4	3.8	-0.1	-2.0	2.8	WPU1074051	Fabricated structural metal bar joists & rebar	2.5	0.1	4.9	-0.5	12.2	0.1	0.0	11.0		
WPUIP231200	New nonresidential construction			2.0	4.3	4.0	-0.2	-2.2	2.8	WPU10740514	Fabricated structural metal for non-industrial buildi	2.2	0.5	4.0	-1.3	13.1	0.1	0.1	11.6		
WPUIP231211	Commercial structures			2.3	4.2	4.4	-0.1	-1.8	3.4	WPU10740553	Fabricated structural metal for bridges	5.8	-7.5	-7.0	-0.4	15.0	-2.1	-6.3	-0.5		
WPUIP231212	Healthcare structures			2.1	4.1	4.0	-0.1	-1.5	3.1	WPU107408	Ornamental and architectural metal work	3.1	0.1	2.2	3.5	12.4	0.1	3.3	12.5		
WPUIP231220	Industrial structures			1.5	3.8	3.7	0.2	-0.9	3.1	WPU1076	Fabricated steel plate	1.4	-1.3	0.2	1.4	2.1	0.7	-1.2	2.1		
WPUIP231230	Other nonresidential			2.1	4.5	4.1	-0.3	-2.4	2.8	WPU1079	Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	0.5	-1.4	11.4		
WPUIP231231	Highways and streets			2.4	4.6	4.6	-0.6	-3.7	2.7	WPU112	Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	1.0	4.1	6.1		
WPUIP231232	Power and communications structures			2.7	4.8	3.4	-0.5	-2.8	2.1	WPU07120105	Truck & bus (incl. off-the-highway) pneumatic tires	-4.3	-4.2	2.7	1.8	2.5	1.3	1.1	2.4		
WPUIP231233	Educational and vocational structures			1.8	4.1	4.1	0.0	-1.2	3.3	Table 6: Changes in PPIs for unprocessed goods important to construction											
WPUIP231234	Other misc. nonresidential construction			2.2	4.8	3.6	-0.2	-2.4	2.6	WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	23.2	4.1	-18.6	31.9		
WPUIP231100	New residential construction			2.4	4.4	3.8	0.1	-1.5	3.0	WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	4.1	2.5	2.9	5.4		
WPUIP231110	Single-family			2.6	4.6	3.5	0.0	-1.7	2.5	WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	13.8	-6.6	1.4	-3.2		
WPUIP231120	Multifamily			2.6	4.1	3.9	0.1	-1.5	3.3	WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-13.0	-4.0	-9.6	-22.7		
WPUIP232000	Maintenance and repair construction			2.2	4.5	3.6	-0.2	-2.3	2.3	WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	-1.8	-1.2	-13.8		
WPUIP232200	Nonresidential maintenance and repair			2.3	4.7	3.7	-0.3	-2.6	2.3	Table 7: Changes in ECIs for total compensation, wages & salaries											
WPUIP232100	Residential maintenance and repair			2.0	4.6	3.8	-0.2	-1.8	2.6	CIU2010000000000	Private industry--total compensation (through Dec.	2.3	1.9	2.2	2.6	3.0		0.4	3.0		
Table 4: Changes in PPIs for services important to construction											CIU2012300000000	Construction--total compensation (through Dec.)	1.8	2.2	1.9	2.4	2.8		0.5	2.8	
WPU4531	Architectural services	2.3	1.8	1.1	2.7	-1.5	0.6	0.5	-0.7	CIU2020000000000	Private industry--wages and salaries (through Dec.	2.2	2.1	2.3	2.8	3.1		0.5	3.1		
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.0	0.9	1.4	2.8	CIU2022300000000	Construction--wages and salaries (through Dec.)	1.9	2.6	2.1	2.5	3.1		0.5	3.1		
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 & leasin	-3.3	-3.8	-1.1	3.4	0.1	-0.5	2.0	-0.6												

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

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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 Apr. 2019 since			BLS Series ID		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
Table 1: Changes in consumer, producer & construction prices																			
CUUR0000SA0	Consumer price index (CPI-U) (through April)	0.8	0.7	2.1	2.1	1.9	0.5	1.5	2.0	WPU057303	#2 diesel fuel	-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	WPU1394	Paving mixtures and blocks (asphalt)	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	WPU136	Asphalt felts and coatings	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	WPU1361	Prepared asphalt & tar roofing & siding products	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	WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	1.8	1.8	3.5
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	1.4	1.6	4.9	WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	1.4	1.0	2.5
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.4	1.6	1.7	5.6	WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.1	0.6	0.9	3.4
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.0	2.3	2.0	5.2	WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	2.3	0.4	1.0	2.6
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.4	2.0	2.2	6.2	WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.2	2.1	1.4	1.6
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.6	1.5	1.3	4.9	WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	4.8	0.2	-0.1	4.8
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	2.0	2.1	6.9	WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.1	0.6	0.1	4.3
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	5.0	0.7	1.3	5.0	WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.3	0.1	0.5	1.3
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.4	0.8	1.2	2.9	WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.5	-0.1	-0.1	1.8
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	1.7	2.7	7.9	WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.4	0.4	-0.3	0.4
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	0.4	0.0	2.3	WPU137	Gypsum products	5.1	0.1	7.9	5.8	4.0	1.0	-0.6	-6.1
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	1.8	2.2	5.5	WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	1.7	0.0	5.3
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	1.7	1.8	5.4	WPU104011	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	WPU1017	Steel mill products	0.7	-19.4	8.6	7.5	19.3	-1.7	-4.7	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	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	
WPUIP2300001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	0.9	3.6	WPU102502	Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.7	0.5	6.5	-2.5	
WPUIP23000012	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	
WPUIP23000013	Inputs to construction industries, goods less foods 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 buildi	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	Table 6: Changes in PPIs for unprocessed goods important to construction										
WPUIP231234	Other misc. nonresidential construction		2.2	4.8	3.8	1.0	3.1	3.3	WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	24.9	13.5	12.7	28.0	
WPUIP231100	New residential construction		2.4	4.4	3.9	1.0	1.8	2.5	WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	3.8	0.4	-0.1	4.0	
WPUIP231110	Single-family		2.6	4.6	3.6	1.0	2.0	2.4	WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	14.1	-3.1	-1.6	-15.7	
WPUIP231120	Multifamily		2.6	4.1	4.2	1.2	1.8	2.3	WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-15.6	3.0	14.8	-15.5	
WPUIP232000	Maintenance and repair construction		2.2	4.5	3.7	1.2	2.7	2.8	WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	2.8	7.0	-9.0	
WPUIP232200	Nonresidential maintenance and repair		2.3	4.7	3.8	1.1	2.8	2.9	Table 7: Changes in ECIs for total compensation, wages & salaries (through March)										
WPUIP232100	Residential maintenance and repair		2.0	4.6	4.0	1.3	2.5	2.8	CIU2010000000000	Private industry--total compensation	2.3	1.9	2.2	2.6	3.0		0.9	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	CIU2012300000000	Construction--total compensation	1.8	2.2	1.9	2.4	2.8		0.8	2.9
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.1	1.1	1.2	3.4	CIU2020000000000	Private industry--wages and salaries	2.2	2.1	2.3	2.8	3.1		0.9	3.0
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.5	-0.3	-1.4	3.9	CIU2022300000000	Construction--wages and salaries	1.9	2.6	2.1	2.5	3.1		0.7	2.9
WPU443	Const, mining & forestry mach & eq rental & leasin	-3.3	-3.8	-1.1	3.4	-0.5	0.9	0.6	2.4										

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

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

BLS Series ID		<u>12-month percentage change to December:</u>					<u>to June 2019 since:</u>			<u>12-month percentage change to December:</u>					<u>to June 2019 since:</u>												
		2014	2015	2016	2017	2018	5/19	3/19	6/18	2014	2015	2016	2017	2018	5/19	3/19	6/18										
Table 1: Changes in consumer, producer & construction prices																											
CUUR0000SA0	Consumer price index (CPI-U) (through June)	0.8	0.7	2.1	2.1	1.9	0.0	0.8	1.6	WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	4.0	-13.2	-16.7	-21.8								
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.6	0.3	0.6	1.7	WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.5	0.7	-1.9	4.5								
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.2	0.2	1.8	5.3	WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	-0.8	2.6	3.6								
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.3	0.1	1.4	5.0	WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	-0.9	2.9	4.3								
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	0.4	2.4	5.9	WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	1.2	2.3	2.9								
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	0.2	1.7	5.0	WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	0.7	2.4	3.4								
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.4	0.2	1.7	5.4	WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.1	1.0	1.8	4.3								
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.0	0.4	2.4	5.1	WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	2.3	0.8	2.3	4.2								
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.4	0.5	3.0	7.2	WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.2	0.9	3.2	3.1								
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.6	-0.3	1.1	4.1	WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	4.8	0.0	0.7	4.6								
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	-0.1	2.0	6.6	WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.1	0.6	0.3	1.0								
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	5.0	0.4	0.6	4.5	WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.3	-0.2	-0.2	0.8								
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.4	0.3	1.9	3.7	WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.5	0.0	-0.3	1.4								
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	0.2	1.8	7.1	WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.4	-0.3	0.1	0.1								
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	-0.1	0.2	1.9	WPU137	Gypsum products	5.1	0.1	7.9	5.8	4.0	-2.6	-4.2	-8.1								
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	0.5	2.3	5.8	WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	-0.1	-4.2	-0.7								
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	0.0	2.6	5.8	WPU104011	Lumber and plywood	3.3	-7.9	3.6	11.2	-4.9	-2.3	-3.3	-17.6								
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	-0.6	0.4	0.0	WPU1017	Steel mill products	0.7	-19.4	8.6	7.5	19.3	-2.0	-4.3	-3.4								
WPUIP2300001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	-1.3	-0.1	-1.3	WPU101706	Steel pipe and tube	0.0	-16.1	5.4	10.2	20.0	-1.8	-4.9	-2.7								
WPUIP23000012	Inputs to construction industries, energy			11.8	20.6	-5.0	-7.0	-0.7	-13.4	WPU102502	Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.7	-3.0	-3.5	-10.1								
WPUIP23000013	Inputs to construction industries, goods less foods and energy			1.1	3.3	5.0	-0.4	-0.1	1.0	WPU102501	Aluminum mill shapes	10.9	-14.0	5.5	10.1	6.8	-1.0	-1.9	-7.5								
WPUIP2300002	Inputs to construction industries, services			2.8	3.7	4.6	0.4	1.1	1.8	WPU1073	Sheet metal products	2.5	-1.5	2.2	2.2	7.6	0.0	-1.3	2.0								
WPUIP231000	Inputs to new construction			2.4	4.4	4.0	-0.5	0.4	0.1	WPU107405	Fabricated structural metal	1.4	-3.3	2.3	3.5	14.8	-3.8	-3.3	1.3								
WPUIP231200	New nonresidential construction			2.0	4.3	4.3	-0.6	0.5	0.5	WPU1074051	Fabricated structural metal bar joists & rebar	2.5	0.1	4.9	-0.5	12.1	-0.7	-0.6	-2.6								
WPUIP231211	Commercial structures			2.3	4.2	4.7	-0.5	0.4	0.8	WPU10740514	Fabricated structural metal for non-industrial buildi	2.2	0.5	4.0	-1.3	13.1	-0.8	-0.9	-3.5								
WPUIP231212	Healthcare structures			2.1	4.1	4.2	-0.5	0.4	0.6	WPU10740553	Fabricated structural metal for bridges	5.8	-7.5	-7.0	-0.4	15.0	-3.9	-0.1	2.0								
WPUIP231220	Industrial structures			1.5	3.8	4.0	0.1	0.9	2.7	WPU107408	Ornamental and architectural metal work	3.1	0.1	2.2	3.5	11.5	0.2	-0.6	4.5								
WPUIP231230	Other nonresidential			2.1	4.5	4.3	-0.6	0.5	0.4	WPU1076	Fabricated steel plate	1.4	-1.3	0.2	1.4	2.9	-0.4	-0.4	2.6								
WPUIP231231	Highways and streets			2.4	4.6	5.0	-1.1	0.5	0.2	WPU1079	Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	-2.3	-0.9	-1.9								
WPUIP231232	Power and communications structures			2.7	4.8	3.6	-0.8	0.4	0.1	WPU112	Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	0.1	0.4	5.8								
WPUIP231233	Educational and vocational structures			1.8	4.1	4.2	-0.3	0.5	0.5	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								
WPUIP231234	Other misc. nonresidential construction			2.2	4.8	3.8	-0.6	0.4	0.4	Table 6: Changes in PPIs for unprocessed goods important to construction																	
WPUIP231100	New residential construction			2.4	4.4	3.9	-0.5	0.3	-0.4	WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	24.9	5.7	11.5	3.4								
WPUIP231110	Single-family			2.6	4.6	3.6	-0.4	0.4	-0.4	WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	3.8	1.1	1.6	4.4								
WPUIP231120	Multifamily			2.6	4.1	4.2	-0.5	0.5	-0.7	WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	14.1	-8.9	-19.0	-27.8								
WPUIP232000	Maintenance and repair construction			2.2	4.5	3.7	-0.7	0.3	-0.5	WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-15.6	-5.7	-4.5	-22.5								
WPUIP232200	Nonresidential maintenance and repair			2.3	4.7	3.8	-0.7	0.3	-0.5	WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	-5.8	-6.8	-17.1								
WPUIP232100	Residential maintenance and repair			2.0	4.6	4.0	-0.8	0.3	-0.4	Table 7: Changes in ECIs for total compensation, wages & salaries (through March)																	
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	CIU2010000000000	Private industry--total compensation	2.3	1.9	2.2	2.6	3.0	0.9	2.8									
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.1	-1.0	0.4	2.5	CIU2012300000000	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	1.0	1.0	2.8	CIU2020000000000	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 & leasin	-3.3	-3.8	-1.1	3.4	-0.5	-1.0	-0.3	1.6	CIU2022300000000	Construction--wages and salaries	1.9	2.6	2.1	2.5	3.1	0.7	2.9									

Updated 7/12/2019.

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

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		2014	2015	2016	2017	2018	7/19	5/19	8/18			2014	2015	2016	2017	2018	7/19	5/19	8/18								
Table 1: Changes in consumer, producer & construction prices																											
CUUR000SA0	Consumer price index (CPI-U)	0.8	0.7	2.1	2.1	1.9	0.0	0.2	1.7	WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	4.0	-6.1	-11.8	-18.4								
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.6	-0.1	0.3	1.8	WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.5	-0.1	0.8	1.3								
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.2	0.1	0.9	5.4	WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	0.3	-0.5	3.1								
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.3	0.2	0.9	5.3	WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	0.3	-0.6	3.7								
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	-0.1	0.7	5.8																		
										WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	-0.3	0.5	2.8								
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	0.1	0.8	5.1	WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	0.5	1.5	4.0								
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.4	0.0	0.8	5.6	WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.1	0.0	0.7	3.5								
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.0	0.3	1.3	5.6	WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	2.3	0.0	0.6	4.7								
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.4	-0.2	0.7	6.9	WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.2	0.9	1.9	4.0								
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.6	0.3	0.9	4.8	WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	4.8	0.2	0.5	4.5								
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	-0.1	0.5	6.6	WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.1	-0.5	2.6	2.3								
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	5.0	-0.1	0.9	4.2	WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.3	0.0	0.7	1.9								
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.4	0.1	0.7	3.7																		
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	0.5	1.3	7.2	WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.5	-0.4	0.0	1.0								
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	0.1	0.5	2.4	WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.4	0.7	0.8	1.5								
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	0.2	1.5	5.6	WPU137	Gypsum products	5.1	0.1	7.9	5.8	4.0	0.1	-0.4	-8.4								
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	0.0	0.4	5.8	WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	-2.8	-1.9	-4.5								
										WPU1392	Lumber and plywood	3.3	-7.9	3.6	11.2	-4.9	-1.2	-3.8	-11.6								
										WPU062101	Architectural coatings	0.9	-2.8	0.9	2.6	6.7	-1.0	-1.0	6.5								
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	-0.2	-0.6	0.4	WPU1017	Steel mill products	0.7	-19.4	8.6	7.5	19.3	-1.3	-5.7	-10.6								
WPUIP2300001	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								
WPUIP23000012	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								
WPUIP23000013	Inputs to construction industries, goods less foods 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	WPU10740514	Fabricated structural metal for non-industrial buildi	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	WPU1074053	Fabricated structural metal for bridges	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	WPU107408	Ornamental and architectural metal work	3.1	0.1	2.2	3.5	11.5	-0.2	0.1	2.6								
WPUIP231230	Other nonresidential			2.1	4.5	4.3	-0.3	-0.7	0.5	WPU1076	Fabricated steel plate	1.4	-1.3	0.2	1.4	2.9	0.1	-1.1	0.5								
WPUIP231231	Highways and streets			2.4	4.6	5.0	-0.3	-0.8	0.4	WPU1079	Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	-0.5	-3.1	-4.5								
WPUIP231232	Power and communications structures			2.7	4.8	3.6	-0.3	-1.0	0.0	WPU112	Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	0.0	0.3	2.1								
WPUIP231233	Educational and vocational structures			1.8	4.1	4.2	-0.2	-0.5	0.7	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								
WPUIP231234	Other misc. nonresidential construction			2.2	4.8	3.8	-0.3	-0.8	0.5	Table 6: Changes in PPIs for unprocessed goods important to construction																	
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 7: Changes in ECIs for total compensation, wages & salaries (through June)																	
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	CIU2010000000000	Private industry--total compensation	2.3	1.9	2.2	2.6	3.0		0.6	2.6								
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.1	-0.1	-0.7	1.9	CIU2012300000000	Construction--total compensation	1.8	2.2	1.9	2.4	2.8		1.0	2.7								
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.5	-0.2	0.1	1.2	CIU2020000000000	Private industry--wages and salaries	2.2	2.1	2.3	2.8	3.1		0.7	3.0								
WPU443	Const, mining & forestry mach & eq rental & leasin	-3.3	-3.8	-1.1	3.4	-0.5	0.0	-0.8	1.5	CIU2022300000000	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 for CPI, www.bls.gov/ppi for PPIs; www.bls.gov/ect for ECIs.

Compiled by Ken Simonson (ken.simonson@agc.org), Chief Economist, Associated General Contractors of America, 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:							BLS Series ID		12-month percentage change to December: to September 2019 since:								
		2014	2015	2016	2017	2018	8/19	6/19			9/18	2014	2015	2016	2017	2018	8/19	6/19	9/18
Table 1: Changes in consumer, producer & construction prices																			
CUUR0000SA0	Consumer price index (CPI-U)	0.8	0.7	2.1	2.1	1.9	0.0	0.2	1.7	WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	4.0	5.5	7.1	-16.6
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.6	-0.4	-0.3	1.4	WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.5	0.5	0.6	1.4
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.2	0.1	0.8	5.5	WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	-0.8	-0.5	-0.2
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.3	0.2	1.0	5.4	WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	-0.9	-0.6	-0.1
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	0.0	0.3	5.7	WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	0.0	-0.7	2.7
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	-0.1	0.6	4.9	WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	-0.3	0.5	3.4
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.4	0.2	0.9	5.7	WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.1	0.6	0.3	4.2
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.0	0.7	1.6	6.2	WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	2.3	0.5	0.3	4.0
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.4	0.1	0.3	7.1	WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.2	-0.8	0.2	3.1
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.6	0.1	1.3	4.7	WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	4.8	0.4	0.9	4.4
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	0.1	0.7	6.6	WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.1	0.3	2.2	2.5
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	5.0	0.3	0.8	4.5	WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.3	0.1	1.1	2.0
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.4	-0.7	-0.3	2.9	WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.5	-0.1	-0.2	0.8
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	1.1	7.2	WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.4	-0.2	0.9	1.0
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	0.2	0.8	2.5	WPU137	Gypsum products	5.1	0.1	7.9	5.8	4.0	-0.1	2.2	-8.0
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	-0.6	0.3	5.0	WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	2.9	1.0	-2.0
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	-0.1	0.2	5.5	WPU104011	Lumber and plywood	3.3	-7.9	3.6	11.2	-4.9	0.4	-1.1	-10.1
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	-0.1	-0.1	0.4	WPU1017	Steel mill products	0.7	-19.4	8.6	7.5	19.3	0.8	-3.1	-11.1
WPUIP2300001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	-0.6	-0.4	-1.7	WPU101706	Steel pipe and tube	0.0	-16.1	5.4	10.2	20.0	1.1	1.6	-6.9
WPUIP23000012	Inputs to construction industries, energy			11.8	20.6	-5.0	-1.1	-2.0	-13.9	WPU102502	Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.7	-0.2	-1.5	1.0
WPUIP23000013	Inputs to construction industries, goods less foods and energy			1.1	3.3	5.0	-0.5	-0.2	0.6	WPU102501	Aluminum mill shapes	10.9	-14.0	5.5	10.1	6.8	-0.4	-1.9	-4.8
WPUIP2300002	Inputs to construction industries, services			2.8	3.7	4.6	0.5	0.2	2.9	WPU1073	Sheet metal products	2.5	-1.5	2.2	2.2	7.6	0.0	0.0	0.6
WPUIP231000	Inputs to new construction			2.4	4.4	4.0	-0.1	-0.2	0.3	WPU107405	Fabricated structural metal	1.4	-3.3	2.3	3.5	14.8	-4.7	0.2	-0.2
WPUIP231200	New nonresidential construction			2.0	4.3	4.3	-0.2	-0.2	0.5	WPU1074051	Fabricated structural metal bar joists & rebar	2.5	0.1	4.9	-0.5	12.1	0.1	0.4	-3.1
WPUIP231211	Commercial structures			2.3	4.2	4.7	-0.3	-0.2	0.6	WPU10740514	Fabricated structural metal for non-industrial buildi	2.2	0.5	4.0	-1.3	13.1	0.1	0.2	-3.9
WPUIP231212	Healthcare structures			2.1	4.1	4.2	-0.1	-0.1	0.7	WPU1074053	Fabricated structural metal for bridges	5.8	-7.5	-7.0	-0.4	15.0	3.3	0.3	-2.6
WPUIP231220	Industrial structures			1.5	3.8	4.0	0.2	0.2	2.7	WPU107408	Ornamental and architectural metal work	3.1	0.1	2.2	3.5	11.5	-0.1	-0.3	1.9
WPUIP231230	Other nonresidential			2.1	4.5	4.3	-0.1	-0.2	0.4	WPU1076	Fabricated steel plate	1.4	-1.3	0.2	1.4	2.9	-1.6	-2.3	-2.0
WPUIP231231	Highways and streets			2.4	4.6	5.0	-0.5	-0.3	-0.5	WPU1079	Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	0.4	-0.4	-4.6
WPUIP231232	Power and communications structures			2.7	4.8	3.6	-0.1	-0.3	0.0	WPU112	Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	0.4	0.6	2.2
WPUIP231233	Educational and vocational structures			1.8	4.1	4.2	0.1	-0.1	0.8	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
WPUIP231234	Other misc. nonresidential construction			2.2	4.8	3.8	-0.1	-0.3	0.4	Table 6: Changes in PPIs for unprocessed goods important to construction									
WPUIP231100	New residential construction			2.4	4.4	3.9	0.1	-0.1	0.2	WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	24.9	-7.9	-2.2	-8.5
WPUIP231110	Single-family			2.6	4.6	3.6	0.1	-0.2	0.1	WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	3.8	-0.1	0.2	4.6
WPUIP231120	Multifamily			2.6	4.1	4.2	-0.2	-0.1	0.0	WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	14.1	-11.7	-7.4	-25.3
WPUIP232000	Maintenance and repair construction			2.2	4.5	3.7	-0.1	-0.2	0.0	WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-15.6	-7.9	10.0	-0.6
WPUIP232200	Nonresidential maintenance and repair			2.3	4.7	3.8	-0.1	-0.3	-0.2	WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	-1.6	-4.4	-7.3
WPUIP232100	Residential maintenance and repair			2.0	4.6	4.0	-0.1	-0.2	0.2	Table 7: Changes in ECIs for total compensation, wages & salaries (through June)									
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	CIU2010000000000	Private industry--total compensation	2.3	1.9	2.2	2.6	3.0		0.6	2.6
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.1	0.3	0.5	2.1	CIU2012300000000	Construction--total compensation	1.8	2.2	1.9	2.4	2.8		1.0	2.7
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.5	-0.6	-1.5	-0.2	CIU2020000000000	Private industry--wages and salaries	2.2	2.1	2.3	2.8	3.1		0.7	3.0
WPU443	Const, mining & forestry mach & eq rental & leasin	-3.3	-3.8	-1.1	3.4	-0.5	-0.2	0.0	0.7	CIU2022300000000	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 for CPI, www.bls.gov/ppi for PPIs; www.bls.gov/ect for ECIs.

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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 October 2019 since:			BLS Series ID		12-month percentage change to December:					to October 2019 since:		
		2014	2015	2016	2017	2018	9/19	7/19	10/18			2014	2015	2016	2017	2018	9/19	7/19	10/18
Table 1: Changes in consumer, producer & construction prices																			
CUUR0000SA0	Consumer price index (CPI-U)	0.8	0.7	2.1	2.1	1.9	0.2	0.3	1.8	WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	4.0	0.8	-0.1	-18.8
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.6	0.6	0.1	1.1	WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.5	-1.2	-0.9	-0.6
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.2	0.4	0.5	3.9	WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	-0.2	-0.7	-1.5
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.3	0.4	0.8	3.9	WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	-0.2	-0.8	-1.5
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	0.3	0.2	4.0	WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	-0.1	-0.4	2.4
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	0.2	0.2	3.5	WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	-0.3	-0.1	3.5
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.4	0.4	0.6	4.0	WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.1	0.0	0.6	4.2
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.0	0.4	1.4	5.8	WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	2.3	0.1	0.7	5.7
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.4	0.4	0.3	4.6	WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.2	-0.2	-0.2	3.4
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.6	0.0	0.3	2.9	WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	4.8	-0.4	0.3	3.9
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	0.7	0.8	4.6	WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.1	-0.9	-1.2	1.6
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	5.0	0.5	0.8	3.2	WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.3	0.0	0.1	2.2
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.4	0.0	-0.7	2.5	WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.5	-0.1	-0.6	0.4
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	0.4	4.7	WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.4	-0.4	0.1	1.0
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	0.9	1.2	3.8	WPU137	Gypsum products	5.1	0.1	7.9	5.8	4.0	0.3	0.3	-7.1
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	0.4	-0.1	3.6	WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	0.0	0.1	-2.9
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	0.3	0.1	3.8	WPU104011	Lumber and plywood	3.3	-7.9	3.6	11.2	-4.9	0.2	-0.5	-5.2
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	0.0	-0.3	-0.5	WPU1017	Steel mill products	0.7	-19.4	8.6	7.5	19.3	-3.0	-3.5	-13.1
WPUIP2300001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	0.0	-1.2	-2.2	WPU101706	Steel pipe and tube	0.0	-16.1	5.4	10.2	20.0	-0.4	1.9	-5.9
WPUIP23000012	Inputs to construction industries, energy			11.8	20.6	-5.0	0.6	-6.1	-15.7	WPU102502	Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.7	-0.7	-2.5	-1.2
WPUIP23000013	Inputs to construction industries, goods less foods and energy			1.1	3.3	5.0	-0.1	-0.4	0.5	WPU102501	Aluminum mill shapes	10.9	-14.0	5.5	10.1	6.8	-0.8	-2.6	-5.4
WPUIP2300002	Inputs to construction industries, services			2.8	3.7	4.6	0.1	0.9	1.8	WPU1073	Sheet metal products	2.5	-1.5	2.2	2.2	7.6	0.0	0.0	-0.9
WPUIP231000	Inputs to new construction			2.4	4.4	4.0	0.1	-0.3	-0.4	WPU107405	Fabricated structural metal	1.4	-3.3	2.3	3.5	14.8	-1.1	-0.9	-1.3
WPUIP231200	New nonresidential construction			2.0	4.3	4.3	0.1	-0.3	-0.3	WPU1074051	Fabricated structural metal bar joists & rebar	2.5	0.1	4.9	-0.5	12.1	-0.1	0.3	-3.3
WPUIP231211	Commercial structures			2.3	4.2	4.7	0.0	-0.3	-0.2	WPU10740514	Fabricated structural metal for non-industrial buildi	2.2	0.5	4.0	-1.3	13.1	-0.1	0.2	-4.1
WPUIP231212	Healthcare structures			2.1	4.1	4.2	0.1	-0.1	0.1	WPU1074053	Fabricated structural metal for bridges	5.8	-7.5	-7.0	-0.4	15.0	-0.7	1.7	-3.3
WPUIP231220	Industrial structures			1.5	3.8	4.0	0.2	0.4	1.7	WPU107408	Ornamental and architectural metal work	3.1	0.1	2.2	3.5	11.5	0.0	-0.4	1.7
WPUIP231230	Other nonresidential			2.1	4.5	4.3	0.0	-0.4	-0.5	WPU1076	Fabricated steel plate	1.4	-1.3	0.2	1.4	2.9	0.4	-1.2	-1.5
WPUIP231231	Highways and streets			2.4	4.6	5.0	0.1	-0.7	-1.4	WPU1079	Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	-1.0	-1.2	-5.6
WPUIP231232	Power and communications structures			2.7	4.8	3.6	0.0	-0.4	-0.9	WPU112	Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	0.0	0.5	2.2
WPUIP231233	Educational and vocational structures			1.8	4.1	4.2	0.1	0.0	0.3	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
WPUIP231234	Other misc. nonresidential construction			2.2	4.8	3.8	0.1	-0.3	-0.4	Table 6: Changes in PPIs for unprocessed goods important to construction									
WPUIP231100	New residential construction			2.4	4.4	3.9	0.0	-0.2	-0.5	WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	24.9	-6.3	-16.7	-16.9
WPUIP231110	Single-family			2.6	4.6	3.6	0.0	-0.3	-0.5	WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	3.8	-0.2	-0.4	3.6
WPUIP231120	Multifamily			2.6	4.1	4.2	0.0	-0.2	-0.5	WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	14.1	-15.7	-19.4	-37.8
WPUIP232000	Maintenance and repair construction			2.2	4.5	3.7	0.2	-0.3	-0.5	WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-15.6	-11.3	-1.3	-4.3
WPUIP232200	Nonresidential maintenance and repair			2.3	4.7	3.8	0.1	-0.4	-0.8	WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	-1.1	-5.0	-9.6
WPUIP232100	Residential maintenance and repair			2.0	4.6	4.0	0.2	-0.2	-0.3	Table 7: Changes in ECIs for total compensation, wages & salaries (through September)									
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	CIU2010000000000	Private industry--total compensation	2.3	1.9	2.2	2.6	3.0		0.7	2.7
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.1	0.4	0.6	2.6	CIU2012300000000	Construction--total compensation	1.8	2.2	1.9	2.4	2.8		1.3	3.5
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.5	0.3	-0.6	-0.6	CIU2020000000000	Private industry--wages and salaries	2.2	2.1	2.3	2.8	3.1		0.8	3.0
WPU443	Const, mining & forestry mach & eq rental & leasin	-3.3	-3.8	-1.1	3.4	-0.5	-0.7	-0.9	-0.5	CIU2022300000000	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 for CPI, www.bls.gov/ppi for PPIs; www.bls.gov/ect for ECIs.

Compiled by Ken Simonson (ken.simonson@agc.org), Chief Economist, Associated General Contractors of America, 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:								BLS Series ID		12-month percentage change to December: to November 2019 since:							
		2014	2015	2016	2017	2018	10/19	8/19	11/18			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	WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	4.0	1.2	7.6	-15.6
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.6	-0.4	-0.3	1.1	WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.5	-1.9	-2.6	-1.0
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.2	0.0	0.5	3.7	WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	1.5	0.6	0.6
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.3	0.0	0.6	3.6	WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	1.8	0.7	0.9
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	-0.1	0.2	3.8	WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	-0.5	-0.5	2.1
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	0.1	0.2	3.4	WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	-0.4	-0.9	3.0
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.4	-0.1	0.6	3.7	WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.1	0.0	0.6	3.8
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.0	-0.2	0.9	4.6	WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	2.3	0.1	0.8	2.9
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.4	-0.2	0.4	4.4	WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.2	-0.8	-1.8	2.7
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.6	0.3	0.3	3.0	WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	4.8	0.6	0.6	3.9
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	0.0	0.9	4.2	WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.1	0.0	-0.6	1.9
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	5.0	-0.2	0.7	3.1	WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.3	0.0	0.1	2.2
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.4	0.1	-0.7	2.4	WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.5	-0.2	-0.4	0.0
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	WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.4	0.4	-0.2	1.3
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	0.1	1.2	3.8	WPU137	Gypsum products	5.1	0.1	7.9	5.8	4.0	0.0	0.2	-4.8
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	0.2	-0.1	3.5	WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	0.3	3.2	-2.1
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	0.0	0.1	3.6	WPU104011	Lumber and plywood	3.3	-7.9	3.6	11.2	-4.9	0.3	1.0	-2.1
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	-0.4	-0.5	0.2	WPU1017	Steel mill products	0.7	-19.4	8.6	7.5	19.3	-1.9	-4.1	-15.1	
WPUIP2300001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	-0.5	-1.1	-1.1	WPU101706	Steel pipe and tube	0.0	-16.1	5.4	10.2	20.0	-1.0	-0.3	-5.9
WPUIP23000012	Inputs to construction industries, energy		11.8	20.6	-5.0	-1.7	-2.2	-9.3	WPU102502	Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.7	0.7	-0.3	0.8	
WPUIP23000013	Inputs to construction industries, goods less foods and energy		1.1	3.3	5.0	-0.3	-0.9	0.4	WPU102501	Aluminum mill shapes	10.9	-14.0	5.5	10.1	6.8	-1.4	-2.6	-5.8	
WPUIP2300002	Inputs to construction industries, services		2.8	3.7	4.6	-0.3	0.4	1.7	WPU1073	Sheet metal products	2.5	-1.5	2.2	2.2	7.6	0.0	0.0	-1.3	
WPUIP231000	Inputs to new construction		2.4	4.4	4.0	-0.4	-0.4	0.2	WPU107405	Fabricated structural metal	1.4	-3.3	2.3	3.5	14.8	-1.6	-7.2	-2.7	
WPUIP231200	New nonresidential construction		2.0	4.3	4.3	-0.2	-0.3	0.6	WPU1074051	Fabricated structural metal bar joists & rebar	2.5	0.1	4.9	-0.5	12.1	-0.2	-0.2	-3.4	
WPUIP231211	Commercial structures		2.3	4.2	4.7	-0.1	-0.4	0.5	WPU10740514	Fabricated structural metal for non-industrial buildi	2.2	0.5	4.0	-1.3	13.1	0.0	0.0	-4.0	
WPUIP231212	Healthcare structures		2.1	4.1	4.2	-0.2	-0.2	0.7	WPU1074053	Fabricated structural metal for bridges	5.8	-7.5	-7.0	-0.4	15.0	-4.8	-2.4	-6.4	
WPUIP231220	Industrial structures		1.5	3.8	4.0	0.2	0.5	2.3	WPU107408	Ornamental and architectural metal work	3.1	0.1	2.2	3.5	11.5	0.7	0.6	0.1	
WPUIP231230	Other nonresidential		2.1	4.5	4.3	-0.2	-0.3	0.4	WPU1076	Fabricated steel plate	1.4	-1.3	0.2	1.4	2.9	-0.7	-2.0	-1.3	
WPUIP231231	Highways and streets		2.4	4.6	5.0	-0.4	-0.8	-0.4	WPU1079	Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	-1.6	-2.2	-5.4	
WPUIP231232	Power and communications structures		2.7	4.8	3.6	-0.3	-0.4	0.0	WPU112	Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	0.0	0.4	2.1	
WPUIP231233	Educational and vocational structures		1.8	4.1	4.2	-0.1	0.1	0.8	WPU07120105	Truck & bus (incl. off-the-highway) pneumatic tires	-4.3	-4.2	2.7	1.8	2.5	2.6	2.2	2.1	
WPUIP231234	Other misc. nonresidential construction		2.2	4.8	3.8	-0.2	-0.2	0.5	Table 6: Changes in PPIs for unprocessed goods important to construction										
WPUIP231100	New residential construction		2.4	4.4	3.9	-0.5	-0.5	-0.2	WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	24.9	-6.0	-18.9	-16.1	
WPUIP231110	Single-family		2.6	4.6	3.6	-0.5	-0.4	-0.1	WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	3.8	0.1	-0.1	3.8	
WPUIP231120	Multifamily		2.6	4.1	4.2	-0.6	-0.8	-0.3	WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	14.1	8.2	-19.5	-35.2	
WPUIP232000	Maintenance and repair construction		2.2	4.5	3.7	-0.5	-0.4	0.1	WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-15.6	-3.2	-20.9	-2.4	
WPUIP232200	Nonresidential maintenance and repair		2.3	4.7	3.8	-0.4	-0.4	-0.1	WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	1.8	-0.9	-8.2	
WPUIP232100	Residential maintenance and repair		2.0	4.6	4.0	-0.6	-0.5	0.0	Table 7: Changes in ECIs for total compensation, wages & salaries (through September)										
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	CIU201000000000	Private industry--total compensation	2.3	1.9	2.2	2.6	3.0		0.7	2.7
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.1	-0.1	0.6	2.2	CIU201230000000	Construction--total compensation	1.8	2.2	1.9	2.4	2.8		1.3	3.5
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.5	0.4	0.1	-0.3	CIU202000000000	Private industry--wages and salaries	2.2	2.1	2.3	2.8	3.1		0.8	3.0
WPU443	Const, mining & forestry mach & eq rental & leasin	-3.3	-3.8	-1.1	3.4	-0.5	0.0	-0.9	-0.9	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 for CPI, www.bls.gov/ppi for PPIs; www.bls.gov/ect for ECIs.

Compiled by Ken Simonson (ken.simonson@agc.org), Chief Economist, Associated General Contractors of America, 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:							BLS Series ID		12-month percentage change to December: to December 2019 since:								
		2014	2015	2016	2017	2018	11/19	9/19			12/18	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	WPU057303	#2 diesel fuel	-26.9	-43.1	21.4	40.9	4.0	5.0	7.1	0.8
WPUFD4	Producer price index (PPI) for final demand	0.9	-1.1	1.7	2.5	2.6	-0.1	0.1	1.3	WPU1394	Paving mixtures and blocks (asphalt)	2.5	-6.5	-5.6	-0.4	10.5	-0.4	-3.5	-1.3
WPUFD43	Final demand construction	2.2	2.1	0.5	3.1	5.2	0.0	0.4	3.6	WPU136	Asphalt felts and coatings	2.4	-4.7	-1.9	2.2	10.6	0.1	1.4	-0.8
WPUFD431	Construction for private capital investment	2.1	2.0	0.8	3.1	5.3	0.1	0.5	3.6	WPU1361	Prepared asphalt & tar roofing & siding products	2.5	-2.1	-1.0	1.6	10.9	0.1	1.7	-0.8
WPUFD432	Construction for government	2.4	2.1	0.3	3.1	4.7	0.0	0.2	3.8	WPU1322	Cement	5.7	6.5	5.0	4.3	2.8	-0.1	-0.6	2.0
WPU80	Construction (partial)	2.2	2.0	0.9	2.7	4.5	0.0	0.3	3.3	WPU133	Concrete products	5.1	2.9	3.1	2.9	3.5	0.0	-0.7	2.7
WPU801	New nonresidential building construction	2.2	2.1	0.4	3.1	5.4	0.1	0.4	3.8	WPU1331	Concrete block and brick	3.2	1.9	2.0	2.9	3.1	0.0	0.0	3.5
WPU801101	New warehouse building construction	2.3	2.1	1.3	3.5	4.0	0.0	0.2	4.6	WPU1332	Concrete pipe	3.2	2.8	2.2	0.5	2.3	-0.1	0.1	2.6
WPU801102	New school building construction	2.2	2.3	-0.3	3.5	5.4	-0.1	0.2	4.4	WPU1333	Ready-mixed concrete	5.5	3.7	3.7	3.1	3.2	-0.1	-1.2	2.4
WPU801103	New office building construction	2.1	2.6	1.3	2.6	5.6	0.6	0.3	3.2	WPU1334	Precast concrete products	6.5	1.7	0.5	3.5	4.8	0.2	0.4	3.8
WPU801104	New industrial building construction	1.8	2.2	0.0	4.0	5.9	0.1	0.8	4.5	WPU1335	Prestressed concrete products	2.3	-0.9	11.1	1.9	4.1	0.3	-0.5	2.5
WPU801105	New health care building construction	1.9	0.5	0.1	2.6	5.0	-0.1	0.3	2.8	WPU1342	Brick and structural clay tile	1.4	1.3	1.0	1.7	1.3	0.0	0.0	1.8
WPU802	Maint & repair of nonres buildings (partial)	2.7	1.6	2.3	1.2	2.4	0.0	0.1	2.2	WPU0721	Plastic construction products	1.6	0.8	-0.1	4.7	2.5	-0.1	-0.4	0.0
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	WPU1311	Flat glass	2.4	5.3	3.1	1.1	1.4	-0.3	-0.3	1.0
PCU23816X23816X	Roofing contractors, nonresidential building work	4.9	1.8	1.5	1.8	1.0	-0.1	0.9	3.4	WPU137	Gypsum products	5.1	0.1	7.9	5.8	4.0	0.0	0.3	-5.2
PCU23821X23821X	Electrical contractors, nonresidential building work	0.9	5.8	-1.1	3.7	4.8	0.0	0.5	3.6	WPU1392	Insulation materials	2.5	0.5	3.1	1.2	5.1	0.1	0.4	-2.9
PCU23822X23822X	Plumbing contractors, nonresidential building work	2.3	-1.1	-0.8	3.6	5.2	0.1	0.4	3.6	WPU104011	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	WPU1017	Steel mill products	0.7	-19.4	8.6	7.5	19.3	-1.8	-6.5	-16.1
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	0.5	0.1	1.5	WPU101706	Steel pipe and tube	0.0	-16.1	5.4	10.2	20.0	-0.9	-2.2	-7.1	
WPUIP2300001	Inputs to construction industries, goods	-0.9	-4.0	2.0	5.0	3.5	0.2	-0.3	1.0	WPU102502	Copper and brass mill shapes	-4.5	-19.3	21.1	9.0	-5.7	0.6	0.6	-0.1
WPUIP23000012	Inputs to construction industries, energy		11.8	20.6	-5.0	0.5	-0.5	5.5	WPU102501	Aluminum mill shapes	10.9	-14.0	5.5	10.1	6.8	0.7	-1.5	-4.4	
WPUIP23000013	Inputs to construction industries, goods less foods and energy		1.1	3.3	5.0	0.2	-0.2	0.3	WPU1073	Sheet metal products	2.5	-1.5	2.2	2.2	7.6	0.0	0.0	-1.3	
WPUIP2300002	Inputs to construction industries, services		2.8	3.7	4.6	0.8	0.6	2.1	WPU107405	Fabricated structural metal	1.4	-3.3	2.3	3.5	14.8	2.7	0.0	-2.2	
WPUIP231000	Inputs to new construction		2.4	4.4	4.0	0.5	0.2	1.5	WPU1074051	Fabricated structural metal bar joists & rebar	2.5	0.1	4.9	-0.5	12.1	-0.2	-0.5	-3.5	
WPUIP231200	New nonresidential construction		2.0	4.3	4.3	0.6	0.5	2.1	WPU10740514	Fabricated structural metal for non-industrial buildi	2.2	0.5	4.0	-1.3	13.1	-0.1	-0.2	-4.1	
WPUIP231211	Commercial structures		2.3	4.2	4.7	0.6	0.5	1.9	WPU10740553	Fabricated structural metal for bridges	5.8	-7.5	-7.0	-0.4	15.0	-3.2	-8.5	-6.9	
WPUIP231212	Healthcare structures		2.1	4.1	4.2	0.6	0.5	2.0	WPU107408	Ornamental and architectural metal work	3.1	0.1	2.2	3.5	11.5	-0.4	0.4	-0.2	
WPUIP231220	Industrial structures		1.5	3.8	4.0	0.7	1.1	3.8	WPU1076	Fabricated steel plate	1.4	-1.3	0.2	1.4	2.9	-0.1	-0.5	-1.3	
WPUIP231230	Other nonresidential		2.1	4.5	4.3	0.5	0.4	2.0	WPU1079	Prefabricated metal buildings	3.6	-2.0	4.8	3.1	11.7	-0.1	-2.7	-5.4	
WPUIP231231	Highways and streets		2.4	4.6	5.0	0.5	0.3	1.7	WPU112	Construction machinery and equipment	1.6	1.2	0.9	0.9	3.4	0.1	0.1	2.2	
WPUIP231232	Power and communications structures		2.7	4.8	3.6	0.6	0.3	1.8	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	
WPUIP231233	Educational and vocational structures		1.8	4.1	4.2	0.5	0.5	1.9	Table 6: Changes in PPIs for unprocessed goods important to construction										
WPUIP231234	Other misc. nonresidential construction		2.2	4.8	3.8	0.6	0.5	2.3	WPU058102	Asphalt (at refinery)	5.2	-45.5	-9.8	28.3	24.9	-16.5	-26.5	-18.1	
WPUIP231100	New residential construction		2.4	4.4	3.9	0.5	-0.1	0.9	WPU1321	Construction sand/gravel/crushed stone	3.3	4.6	2.3	4.2	3.8	0.1	0.0	4.1	
WPUIP231110	Single-family		2.6	4.6	3.6	0.4	-0.1	1.0	WPU1012	Iron and steel scrap	-16.9	-50.8	63.7	18.5	14.1	11.3	1.6	-28.0	
WPUIP231120	Multifamily		2.6	4.1	4.2	0.5	-0.1	0.7	WPU101212	Stainless and alloy steel scrap	-4.5	-35.7	30.3	3.9	-15.6	-1.5	-15.4	-2.1	
WPUIP232000	Maintenance and repair construction		2.2	4.5	3.7	0.5	0.2	1.5	WPU102301	Copper base scrap	-11.9	-28.4	11.0	17.5	-9.0	2.9	3.7	-5.5	
WPUIP232200	Nonresidential maintenance and repair		2.3	4.7	3.8	0.4	0.1	1.4	Table 7: Changes in ECIs for total compensation, wages & salaries (through September)										
WPUIP232100	Residential maintenance and repair		2.0	4.6	4.0	0.5	0.0	0.9	CIU2010000000000	Private industry--total compensation	2.3	1.9	2.2	2.6	3.0		0.7	2.7	
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	CIU2012300000000	Construction--total compensation	1.8	2.2	1.9	2.4	2.8		1.3	3.5
WPU4532	Engineering services	1.9	2.5	2.0	2.8	2.1	-0.2	0.1	2.0	CIU2020000000000	Private industry--wages and salaries	2.2	2.1	2.3	2.8	3.1		0.8	3.0
WPU3012	Truck transportation of freight	1.1	-2.2	0.2	4.5	6.5	0.5	1.2	0.2	CIU2022300000000	Construction--wages and salaries	1.9	2.6	2.1	2.5	3.1		1.5	3.7
WPU443	Const, mining & forestry mach & eq rental & leasin	-3.3	-3.8	-1.1	3.4	-0.5	0.0	-0.7	-1.2										

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

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