

Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2016-2021

BLS Series ID		12-month percentage change to December:					to January 2021 since:			BLS Series ID		12-month percentage change to December:					to January 2021 since:										
		2016	2017	2018	2019	2020	12/20	10/20	1/20			2016	2017	2018	2019	2020	12/20	10/20	1/20								
Table 1: Changes in consumer, producer & construction prices																											
CUUR0000SA0	Consumer price index (CPI-U)	2.1	2.1	1.9	2.3	1.4	0.4	0.5	1.4	WPU057303	#2 diesel fuel	21.4	40.9	4.0	-0.7	-2.8	4.2	24.6	9.2								
WPUFD4	Producer price index (PPI) for final demand	1.7	2.5	2.6	1.4	0.8	1.4	1.3	1.7	WPU1394	Paving mixtures and blocks (asphalt)	-5.6	-0.4	10.5	-1.8	-3.2	10.5	9.6	-0.4								
WPUFD43	Final demand construction	0.5	3.1	5.2	3.9	1.2	0.2	0.3	0.8	WPU136	Asphalt felts and coatings	-1.9	2.2	10.6	-0.8	2.3	0.6	3.2	2.5								
WPUFD431	Construction for private capital investment	0.8	3.1	5.3	3.8	1.3	0.2	0.3	0.9	WPU1361	Prepared asphalt & tar roofing & siding products	-1.0	1.6	10.9	-0.8	2.6	0.7	3.6	2.9								
WPUFD432	Construction for government	0.3	3.1	4.7	4.0	0.9	0.1	0.2	0.4	WPU1322	Cement	5.0	4.3	2.8	1.9	1.9	0.3	0.4	2.6								
WPU80	Construction (partial)	0.9	2.7	4.5	3.5	0.9	0.1	0.2	0.4	WPU133	Concrete products	3.1	2.9	3.5	3.1	2.4	0.4	0.2	1.7								
WPU801	New nonresidential building construction	0.4	3.1	5.4	4.0	1.3	0.2	0.3	0.9	WPU1331	Concrete block and brick	2.0	2.9	3.1	3.6	3.0	0.5	0.5	3.4								
WPU801101	New warehouse building construction	1.3	3.5	4.0	4.5	-0.1	0.2	0.6	-0.2	WPU1332	Concrete pipe	2.2	0.5	2.3	4.1	2.6	0.0	-2.0	-1.5								
WPU801102	New school building construction	-0.3	3.5	5.4	4.7	1.3	0.0	0.2	0.6	WPU1333	Ready-mixed concrete	3.7	3.1	3.2	2.7	1.9	0.6	0.0	1.5								
WPU801103	New office building construction	1.3	2.6	5.6	3.6	1.2	0.5	0.8	1.3	WPU1334	Precast concrete products	0.5	3.5	4.8	3.9	4.6	-0.6	1.1	3.0								
WPU801104	New industrial building construction	0.0	4.0	5.9	4.5	2.0	0.1	0.3	1.7	WPU1335	Prestressed concrete products	11.1	1.9	4.1	2.5	-0.6	1.1	1.1	-0.4								
WPU801105	New health care building construction	0.1	2.6	5.0	3.1	1.4	-0.4	-0.4	0.3	WPU1342	Brick and structural clay tile	1.0	1.7	1.3	1.8	3.2	0.4	0.4	3.2								
WPU802	Maint & repair of nonres buildings (partial)	2.3	1.2	2.4	2.2	-0.2	0.2	0.2	-0.8	WPU0721	Plastic construction products	-0.1	4.7	2.5	0.4	6.0	0.8	2.5	6.7								
Table 2: Changes in PPIs for new repair & maintenance work by subcontractors																											
PCU23811X23811X	Concrete contractors, nonresidential building work	4.4	3.0	6.2	4.7	0.5	1.1	1.2	1.2	WPU1311	Flat glass	3.1	1.1	1.4	1.0	3.9	-0.6	2.1	2.9								
PCU23816X23816X	Roofing contractors, nonresidential building work	1.5	1.8	1.0	3.6	3.1	0.3	0.6	2.9	WPU137	Gypsum products	7.9	5.8	4.0	-5.4	4.0	2.8	7.0	3.6								
PCU23821X23821X	Electrical contractors, nonresidential building work	-1.1	3.7	4.8	3.6	2.1	-0.4	-0.2	1.2	WPU1392	Insulation materials	3.1	1.2	5.1	-3.1	1.8	2.1	3.8	4.0								
PCU23822X23822X	Plumbing contractors, nonresidential building work	-0.8	3.6	5.2	3.7	0.0	0.0	-0.2	-0.9	WPU004011	Lumber and plywood	3.6	11.2	-4.9	-2.2	36.1	9.8	3.4	49.6								
WPU062101	Architectural coatings	0.9	2.6	6.7	4.5	2.4	-0.1	0.1	2.6	WPU1017	Steel mill products	8.6	7.5	19.3	-16.0	2.0	5.2	12.2	7.4								
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	1.4	5.0	2.3	2.1	6.9	WPU101706	Steel pipe and tube	5.4	10.2	20.0	-9.0	1.8	2.1	6.4	3.5								
WPUIP23000001	Inputs to construction industries, goods	2.0	5.0	3.5	0.8	2.7	2.5	3.8	4.8	WPU102502	Copper and brass mill shapes	21.1	9.0	-5.7	-0.6	20.0	3.1	12.1	21.7								
WPUIP230000012	Inputs to construction industries, energy	11.8	20.6	-5.0	3.7	-11.1	8.4	18.4	-2.9	WPU102501	Aluminum mill shapes	5.5	10.1	6.8	-4.4	-2.0	3.8	7.7	1.5								
WPUIP230000013	Inputs to construction industries, goods less foods and energy	1.1	3.3	5.0	0.3	5.0	1.9	2.3	6.4	WPU1073	Sheet metal products	2.2	2.2	7.6	-1.3	-0.3	0.0	0.0	-0.4								
WPUIP23000002	Inputs to construction industries, services	2.8	3.7	4.6	2.1	7.7	2.0	-0.2	9.2	WPU107405	Fabricated structural metal	2.3	3.5	14.8	-3.3	0.3	0.4	0.8	1.1								
WPUIP231000	Inputs to new construction	2.4	4.4	4.0	1.4	5.0	2.2	2.0	6.9	WPU1074051	Fabricated structural metal bar joists & rebar	4.9	-0.5	12.1	-2.9	1.3	-0.4	0.8	0.6								
WPUIP231200	New nonresidential construction	2.0	4.3	4.3	1.8	3.7	2.5	4.2	5.9	WPU10740514	Fabricated structural metal for non-industrial building	4.0	-1.3	13.1	-3.8	1.2	-0.9	0.5	0.2								
WPUIP231211	Commercial structures	2.3	4.2	4.7	1.6	3.6	2.2	4.4	5.7	WPU10740553	Fabricated structural metal for bridges	-7.0	-0.4	15.0	-6.9	-0.4	10.5	14.9	14.7								
WPUIP231212	Healthcare structures	2.1	4.1	4.2	1.7	4.4	2.3	3.8	6.5	WPU107408	Ornamental and architectural metal work	2.2	3.5	11.5	0.1	4.7	0.8	1.6	4.4								
WPUIP231220	Industrial structures	1.5	3.8	4.0	3.2	2.9	2.4	4.9	5.0	WPU1076	Fabricated steel plate	0.2	1.4	2.9	-1.3	7.1	0.7	9.6	8.0								
WPUIP231230	Other nonresidential	2.1	4.5	4.3	1.7	3.7	2.6	4.1	6.0	WPU1079	Prefabricated metal buildings	4.8	3.1	11.7	-5.3	12.1	1.3	7.9	12.4								
WPUIP231231	Highways and streets	2.4	4.6	5.0	1.4	1.5	2.4	4.5	3.5	WPU112	Construction machinery and equipment	0.9	0.9	3.4	2.3	1.1	1.0	1.1	1.2								
WPUIP231232	Power and communications structures	2.7	4.8	3.6	1.5	2.9	2.4	4.3	5.1	WPU07120105	Truck & bus (incl. off-the-highway) pneumatic tires	2.7	1.8	2.5	-0.1	0.3	2.8	2.8	4.4								
WPUIP231233	Educational and vocational structures	1.8	4.1	4.2	1.8	5.2	2.3	3.6	7.3	Table 6: Changes in PPIs for unprocessed goods important to construction																	
WPUIP231234	Other misc. nonresidential construction	2.2	4.8	3.8	1.9	4.0	2.6	4.0	6.4	WPU058102	Asphalt (at refinery)	-9.8	28.3	24.9	-17.1	-13.4	10.1	15.4	-15.6								
WPUIP231100	New residential construction	2.4	4.4	3.9	1.0	6.2	2.0	0.2	7.6	WPU1321	Construction sand/gravel/crushed stone	2.3	4.2	3.8	4.2	4.3	0.4	2.7	4.4								
WPUIP231110	Single-family	2.6	4.6	3.6	1.0	6.1	2.0	0.3	7.6	WPU1012	Iron and steel scrap	63.7	18.5	14.1	-26.2	40.6	25.8	53.0	50.8								
WPUIP231120	Multifamily	2.6	4.1	4.2	1.0	7.1	1.6	-1.4	8.3	WPU101212	Stainless and alloy steel scrap	30.3	3.9	-15.6	-0.1	20.6	5.7	23.3	26.7								
WPUIP232000	Maintenance and repair construction	2.2	4.5	3.7	1.4	5.2	2.1	1.4	6.8	WPU102301	Copper base scrap	11.0	17.5	-9.0	-5.9	28.3	10.0	16.1	29.0								
WPUIP232200	Nonresidential maintenance and repair	2.3	4.7	3.8	1.3	4.7	2.5	2.4	6.8	Table 7: Changes in ECIs for total compensation, wages & salaries (through December 2020)																	
WPUIP232100	Residential maintenance and repair	2.0	4.6	4.0	1.0	5.7	1.6	-0.3	6.8	CIU201000000000	Private industry-total compensation	2.2	2.6	3.0	2.7	2.6	0.6	2.6									
Table 4: Changes in PPIs for services important to construction																											
WPU4531	Architectural services	1.1	2.7	-1.2	-1.7	0.6	0.4	0.2	0.8	CIU201230000000	Construction-total compensation	1.9	2.4	2.8	3.5	2.4	0.4	2.4									
WPU4532	Engineering services	2.0	2.8	2.1	2.0	0.7	0.9	1.7	0.7	CIU202000000000	Private industry-wages and salaries	2.3	2.8	3.1	3.0	2.8	0.6	2.8									
WPU3012	Truck transportation of freight	0.2	4.5	6.5	0.0	2.3	2.2	5.1	4.4	CIU202230000000	Construction-wages and salaries	2.1	2.5	3.1	3.8	2.8	0.5	2.8									
WPU443	Const, mining & forestry mach & eq rental & leasing	-1.1	3.4	-0.5	-1.3	-4.8	0.2	-0.1	-4.8																		

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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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