

Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2017-2022

BLS Series ID	12-month percentage change to December:					to August 2022 since:			BLS Series ID	12-month percentage change to December:					to August 2022 since:				
	2017	2018	2019	2020	2021	7/2022	5/2022	8/2021		2017	2018	2019	2020	2021	7/2022	5/2022	8/2021		
Table 1: Changes in consumer, producer & construction prices																			
CUUR0000SA0	Consumer price index (CPI-U)	2.1	1.9	2.3	1.4	7.0	0.0	1.3	8.3	WPU057303	#2 diesel fuel	40.9	4.0	-0.7	-2.8	54.2	-13.4	-15.7	53.8
WPUFD4	Producer price index (PPI) for final demand	2.5	2.6	1.4	0.8	10.0	-0.3	0.4	8.7	WPU1394	Paving mixtures and blocks (asphalt)	-0.4	10.5	-1.8	-2.7	8.2	1.0	7.0	22.7
WPUFD43	Final demand construction	3.1	5.2	3.9	1.2	12.3	0.3	5.8	22.9	WPU136	Asphalt felts and coatings	2.2	10.6	-0.8	2.1	18.1	0.5	1.8	14.6
WPUFD431	Construction for private capital investment	3.1	5.3	3.8	1.3	13.4	0.3	6.3	25.2	WPU1361	Prepared asphalt & tar roofing & siding products	1.6	10.9	-0.8	2.5	19.6	0.2	1.4	15.2
WPUFD432	Construction for government	3.1	4.7	4.0	0.9	10.2	0.2	5.0	18.6	WPU1322	Cement	4.3	2.8	1.9	1.9	4.4	0.7	3.7	9.8
WPU80	Construction (partial)	2.7	4.5	3.5	0.9	11.7	0.2	5.1	20.3	WPU133	Concrete products	2.9	3.5	3.1	2.2	8.6	1.4	5.0	14.3
WPU801	New nonresidential building construction	3.1	5.4	4.0	1.3	12.5	0.3	6.1	23.9	WPU1331	Concrete block and brick	2.9	3.1	3.6	3.0	5.1	0.7	3.0	12.9
WPU801101	New warehouse building construction	3.5	4.0	4.5	-0.1	20.4	0.0	5.5	33.1	WPU1332	Concrete pipe	0.5	2.3	4.1	2.6	14.9	0.7	5.0	20.5
WPU801102	New school building construction	3.5	5.4	4.7	1.2	9.2	0.1	5.5	19.5	WPU1333	Ready-mixed concrete	3.1	3.2	2.7	2.2	6.8	1.6	5.0	11.0
WPU801103	New office building construction	2.6	5.6	3.6	1.2	13.0	0.5	6.0	24.1	WPU1334	Precast concrete products	3.5	4.8	3.9	3.0	12.0	0.7	3.7	15.6
WPU801104	New industrial building construction	4.0	5.9	4.5	2.0	13.5	0.3	7.1	27.9	WPU1335	Prestressed concrete products	1.9	4.1	2.5	-1.2	14.7	3.7	10.7	35.8
WPU801105	New health care building construction	2.6	5.0	3.1	1.4	11.4	0.2	6.5	21.2	WPU1342	Brick and structural clay tile	1.7	1.3	1.8	3.3	6.1	0.8	2.3	10.0
WPU802	Maint & repair of nonres buildings (partial)	1.2	2.4	2.2	-0.2	9.5	0.1	2.1	10.7	WPU0721	Plastic construction products	4.7	2.5	0.4	5.4	35.4	0.6	2.8	20.0
Table 2: Changes in PPIs for new, repair & maintenance work by subcontractors																			
PCU23811X23811X	Concrete contractors, nonresidential building work	3.0	6.2	4.7	0.9	17.4	0.3	2.3	20.7	WPU1311	Flat glass	1.1	1.4	1.0	3.7	7.4	2.4	4.1	11.3
PCU23816X23816X	Roofing contractors, nonresidential building work	1.8	1.0	3.6	3.2	9.2	0.1	6.4	21.9	WPU13710102	Gypsum building materials			-7.5	4.6	23.0	3.3	4.3	19.9
PCU23821X23821X	Electrical contractors, nonresidential building work	3.7	4.8	3.6	2.0	9.6	0.4	7.8	17.6	WPU1392	Insulation materials	1.2	5.1	-3.1	1.6	16.9	0.6	5.0	13.9
PCU23822X23822X	Plumbing contractors, nonresidential building work	3.6	5.2	3.7	0.0	8.4	-0.1	2.8	13.7	WPU062101	Architectural coatings	2.6	6.7	4.5	1.9	14.0	0.1	1.1	26.6
Table 3: Changes in PPIs for inputs to construction industries, excluding capital investment, labor and imports																			
WPUIP230000	Inputs to construction industries			1.4	5.5	18.5	-1.0	-3.3	12.2	WPU1017	Steel mill products	7.5	19.3	-16.0	5.2	128.0	-5.7	-10.9	-4.6
WPUIP2300001	Inputs to construction industries, goods	5.0	3.5	0.8	2.6	22.8	-1.4	-2.0	16.7	WPU101706	Steel pipe and tube	10.2	20.0	-9.0	1.9	79.8	-0.9	-1.0	20.5
WPUIP23000012	Inputs to construction industries, energy			3.7	-11.0	51.4	-13.1	-14.6	34.8	WPU102502	Copper and brass mill shapes	9.0	-5.7	-0.6	23.6	23.4	2.0	-9.0	-7.1
WPUIP23000013	Inputs to construction industries, goods less foods and energy			0.3	4.8	20.3	0.4	-0.1	14.6	WPU102501	Aluminum mill shapes	10.1	6.8	-4.4	-1.7	29.5	-3.9	-13.4	2.4
WPUIP2300002	Inputs to construction industries, services			2.1	9.1	12.1	-0.4	-5.5	5.4	WPU1073	Sheet metal products	2.2	7.6	-1.3	-0.3	35.5	1.1	2.9	17.3
WPUIP231000	Inputs to new construction			1.4	5.6	18.9	-0.9	-3.1	12.1	WPU107405	Fabricated structural metal	3.5	14.8	-3.3	-0.5	47.6	-0.8	-1.6	19.1
WPUIP231200	New nonresidential construction			1.8	4.4	20.2	-1.1	-2.4	13.0	WPU1074051	Fabricated structural metal bar joists & rebar	-0.5	12.1	-2.9	0.5	56.9	-2.1	-3.0	12.9
WPUIP231211	Commercial structures			1.6	4.2	21.1	-0.5	-1.3	13.6	WPU10740514	Fabricated structural metal for non-industrial buildin	-1.3	13.1	-3.8	0.2	61.7	-2.5	-3.6	11.7
WPUIP231212	Healthcare structures			1.7	5.0	20.0	-0.6	-1.6	13.5	WPU10740553	Fabricated structural metal for bridges	-0.4	15.0	-6.9	-0.4	41.2	6.3	-1.6	20.6
WPUIP231220	Industrial structures			3.2	3.8	18.6	-0.9	-1.6	12.0	WPU107408	Ornamental and architectural metal work	3.5	11.5	0.1	4.8	48.1	0.1	1.9	27.1
WPUIP231230	Other nonresidential			1.7	4.3	19.9	-1.3	-2.6	13.0	WPU1076	Fabricated steel plate	1.4	2.9	-1.3	1.8	45.5	-0.1	0.3	9.2
WPUIP231231	Highways and streets			1.4	1.8	19.8	-1.4	-2.1	13.1	WPU1079	Prefabricated metal buildings	3.1	11.7	-5.3	12.0	41.4	1.3	-2.4	4.2
WPUIP231232	Power and communications structures			1.5	3.6	20.4	-1.6	-3.3	12.2	WPU112	Construction machinery and equipment	0.9	3.4	2.3	1.1	10.0	2.6	4.0	13.5
WPUIP231233	Educational and vocational structures			1.8	5.8	19.5	-0.7	-2.1	12.9	WPU07120105	Truck & bus (incl. off-the-highway) pneumatic tires	1.8	2.5	-0.1	0.3	10.9	0.5	4.3	16.8
WPUIP231234	Other misc. nonresidential construction			1.9	4.8	19.9	-1.2	-2.9	12.7	Table 6: Changes in PPIs for unprocessed goods important to construction									
WPUIP231100	New residential construction			1.0	6.7	15.9	-0.6	-4.1	10.6	WPU058102	Asphalt (at refinery)	28.3	24.9	-17.1	-13.9	70.6	-5.2	4.2	60.6
WPUIP231110	Single-family			1.0	6.6	15.4	-0.3	-4.2	10.3	WPU1321	Construction sand/gravel/crushed stone	4.2	3.8	4.2	4.3	4.1	0.6	3.8	11.8
WPUIP231120	Multifamily			1.0	7.6	15.5	-0.6	-4.5	9.5	WPU1012	Iron and steel scrap	18.5	14.1	-26.2	40.6	37.9	-5.1	-25.6	-22.6
WPUIP232000	Maintenance and repair construction			1.4	5.7	16.8	-0.9	-3.6	12.2	WPU101212	Stainless and alloy steel scrap	3.9	-15.6	-0.1	27.4	47.9	-2.3	-36.2	-29.3
WPUIP232200	Nonresidential maintenance and repair			1.3	5.2	18.4	-1.3	-3.7	12.4	WPU102301	Copper base scrap	17.5	-9.0	-5.9	30.1	24.5	3.4	-14.7	-13.3
WPUIP232100	Residential maintenance and repair			1.0	6.1	14.8	-0.3	-3.6	11.0	Table 7: Changes in ECIs for total compensation, wages & salaries (through June 2022)									
Table 4: Changes in PPIs for services important to construction																			
WPU4531	Architectural services	2.7	-1.2	-1.7	0.6	2.8	0.0	0.6	2.7	CIU20100000000000000000	Private industry--total compensation	2.6	3.0	2.7	2.6	4.4		1.5	5.5
WPU4532	Engineering services	2.8	2.1	2.0	1.5	2.1	0.4	0.9	6.0	CIU20123000000000000000	Construction--total compensation	2.4	2.8	3.5	2.4	3.5		2.0	4.0
WPU3012	Truck transportation of freight	4.5	6.5	0.0	2.2	17.9	-1.9	-2.7	18.3	CIU20200000000000000000	Private industry--wages and salaries	2.8	3.1	3.0	2.8	5.0		1.6	5.7
WPU443	Const, mining & forestry mach & eq rental & leasin	3.4	-0.5	-1.3	-4.6	2.1	3.7	5.0	8.3	CIU20223000000000000000	Construction--wages and salaries	2.5	3.1	3.8	2.8	3.8		2.4	4.4

Updated 9/14/2022

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.