

Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2018-2023

BLS Series ID	12-month percentage change to December: to January 2023 since:								BLS Series ID	12-month percentage change to December: to January 2022 since:																																																																																																																																																																																																																																					
	2018	2019	2020	2021	2022	12/2022	10/2022	1/2022		2018	2019	2020	2021	2022	12/2022	10/2022	1/2022																																																																																																																																																																																																																														
Table 1: Changes in consumer, producer & construction prices																																																																																																																																																																																																																																															
CUUR0000SA0	Consumer price index (CPI-U)	1.9	2.3	1.4	7.0	6.5	0.8	0.4	6.4	WPU057303	#2 diesel fuel	4.0	-0.7	-2.8	54.2	21.1	7.1	-25.9	22.8																																																																																																																																																																																																																												
WPUFD4	Producer price index (PPI) for final demand	2.6	1.4	0.8	10.0	6.5	0.9	0.3	6.0	WPU1394	Paving mixtures and blocks (asphalt)	10.5	-1.8	-2.7	8.2	15.9	7.9	4.6	14.7																																																																																																																																																																																																																												
WPUFD43	Final demand construction	5.2	3.9	1.2	12.2	18.5	1.6	1.8	16.6	WPU136	Asphalt felts and coatings	10.6	-0.8	2.1	18.1	11.4	-2.7	-1.7	7.4																																																																																																																																																																																																																												
WPUFD431	Construction for private capital investment	5.3	3.8	1.3	13.4	19.8	1.7	1.9	17.5	WPU1361	Prepared asphalt & tar roofing & siding products	10.9	-0.8	2.5	19.6	11.7	-3.2	-2.1	7.3																																																																																																																																																																																																																												
WPUFD432	Construction for government	4.7	4.0	0.9	10.1	16.1	1.6	1.7	14.8	WPU1322	Cement	2.8	1.9	1.9	4.4	13.0	7.7	8.2	17.6																																																																																																																																																																																																																												
WPU80	Construction (partial)	4.5	3.5	0.9	11.6	16.4	1.6	1.7	14.6	WPU133	Concrete products	3.5	3.1	2.2	8.6	14.8	1.8	3.6	14.8																																																																																																																																																																																																																												
WPU801	New nonresidential building construction	5.4	4.0	1.3	12.4	19.4	1.7	1.8	17.3	WPU1331	Concrete block and brick	3.1	3.6	3.0	5.1	13.8	4.7	4.8	14.7																																																																																																																																																																																																																												
WPU801101	New warehouse building construction	4.0	4.5	-0.1	20.4	20.9	0.0	0.0	13.7	WPU1332	Concrete pipe	2.3	4.1	2.6	14.9	19.3	1.7	6.4	21.4																																																																																																																																																																																																																												
WPU801102	New school building construction	5.4	4.7	1.2	9.0	17.9	1.4	1.3	16.3	WPU1333	Ready-mixed concrete	3.2	2.7	2.2	6.8	13.1	1.5	3.6	12.9																																																																																																																																																																																																																												
WPU801103	New office building construction	5.6	3.6	1.2	13.0	20.2	3.4	3.9	19.6	WPU1334	Precast concrete products	4.8	3.9	3.0	12.0	13.1	1.8	2.6	12.6																																																																																																																																																																																																																												
WPU801104	New industrial building construction	5.9	4.5	2.0	13.4	20.7	0.7	0.8	17.3	WPU1335	Prestressed concrete products	4.1	2.5	-1.2	14.7	31.9	0.2	2.1	31.0																																																																																																																																																																																																																												
WPU801105	New health care building construction	5.0	3.1	1.4	11.4	18.1	1.7	1.8	17.7	WPU1342	Brick and structural clay tile	1.3	1.8	3.3	6.1	14.2	0.7	0.7	12.9																																																																																																																																																																																																																												
WPU802	Maint & repair of nonres buildings (partial)	2.4	2.2	-0.2	9.5	7.8	0.8	0.9	6.3	WPU0721	Plastic construction products	2.5	0.4	5.4	35.4	9.0	-0.3	-1.3	7.0																																																																																																																																																																																																																												
Table 2: Changes in PPIs for new, repair & maintenance work by subcontractors																																																																																																																																																																																																																																															
PCU23811X23811X	Concrete contractors, nonresidential building work	6.2	4.7	0.9	17.4	10.9	-0.8	-0.3	8.4	WPU1311	Flat glass	1.4	1.0	3.7	7.4	10.2	0.6	1.3	8.7																																																																																																																																																																																																																												
PCU23816X23816X	Roofing contractors, nonresidential building work	1.0	3.6	3.2	9.2	21.2	5.5	6.4	22.9	WPU13710102	Gypsum building materials	-7.5	4.6	23.0	17.5	0.0	0.2	11.1																																																																																																																																																																																																																													
PCU23821X23821X	Electrical contractors, nonresidential building work	4.8	3.6	2.0	9.6	12.3	7.2	7.0	19.0	WPU1392	Insulation materials	5.1	-3.1	1.6	16.9	14.7	0.3	0.8	9.6																																																																																																																																																																																																																												
PCU23822X23822X	Plumbing contractors, nonresidential building work	5.2	3.7	0.0	8.4	14.6	0.8	1.3	13.4	WPU062101	Lumber and plywood	-4.9	-2.2	37.2	18.1	-19.2	0.0	-6.2	-30.8																																																																																																																																																																																																																												
WPU062101	Architectural coatings	6.7	4.5	1.9	14.0	26.1	0.0	0.5	15.8	WPU1017	Steel mill products	19.3	-16.0	5.2	128.0	-29.8	-2.3	-8.5	-30.1																																																																																																																																																																																																																												
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	6.1	0.9	-2.1	2.8	WPU101706	Steel pipe and tube	20.0	-9.0	1.9	79.8	-7.9	-1.3	-5.2	-10.0																																																																																																																																																																																																																													
WPUIP2300001	Inputs to construction industries, goods	3.5	0.8	2.6	22.8	7.8	1.3	-2.4	4.9	WPU102502	Copper and brass mill shapes	-5.7	-0.6	23.6	23.4	-3.6	2.0	9.2	-4.5																																																																																																																																																																																																																												
WPUIP23000012	Inputs to construction industries, energy	3.7	-11.0	51.4	7.1	7.5	-19.3	9.0	WPU102501	Aluminum mill shapes	6.8	-4.4	-1.7	29.5	-5.5	3.3	2.8	-6.1																																																																																																																																																																																																																													
WPUIP23000013	Inputs to construction industries, goods less foods and ene	0.3	4.8	20.3	7.9	0.7	0.0	4.5	WPU1073	Sheet metal products	7.6	-1.3	-0.3	35.5	8.0	-0.7	-1.9	6.1																																																																																																																																																																																																																													
WPUIP2300002	Inputs to construction industries, services	2.1	9.1	12.1	3.3	0.2	-1.6	-0.9	WPU107405	Fabricated structural metal	14.8	-3.3	-0.5	47.6	7.3	-0.6	-2.2	3.2																																																																																																																																																																																																																													
WPUIP231000	Inputs to new construction	1.4	5.6	18.9	6.1	0.9	-2.0	3.0	WPU1074051	Fabricated structural metal bar joists & rebar	12.1	-2.9	0.5	56.9	1.6	-1.3	-3.7	-1.7																																																																																																																																																																																																																													
WPUIP231200	New nonresidential construction	1.8	4.4	20.2	6.7	0.9	-1.8	4.3	WPU10740514	Fabricated structural metal for non-industrial buildi	13.1	-3.8	0.2	61.7	1.4	-1.5	-3.8	-2.2																																																																																																																																																																																																																													
WPUIP231211	Commercial structures	1.6	4.2	21.1	7.2	0.6	-1.2	4.9	WPU10740553	Fabricated structural metal for bridges	15.0	-6.9	-0.4	41.2	15.2	3.3	2.3	8.6																																																																																																																																																																																																																													
WPUIP231212	Healthcare structures	1.7	5.0	20.0	7.1	0.7	-1.2	4.4	WPU107408	Ornamental and architectural metal work	11.5	0.1	4.8	48.1	13.1	0.0	-0.6	13.3																																																																																																																																																																																																																													
WPUIP231220	Industrial structures	3.2	3.8	18.6	6.8	0.9	-1.1	5.4	WPU1076	Fabricated steel plate	2.9	-1.3	1.8	45.5	1.6	0.0	-1.7	0.9																																																																																																																																																																																																																													
WPUIP231230	Other nonresidential	1.7	4.3	19.9	6.7	0.9	-2.0	4.2	WPU1079	Prefabricated metal buildings	11.7	-5.3	12.0	41.4	-4.2	0.0	-1.4	-4.3																																																																																																																																																																																																																													
WPUIP231231	Highways and streets	1.4	1.8	19.8	7.2	1.1	-2.1	4.9	WPU112	Construction machinery and equipment	3.4	2.3	1.1	10.0	8.8	3.4	3.7	12.2																																																																																																																																																																																																																													
WPUIP231232	Power and communications structures	1.5	3.6	20.4	6.1	0.9	-2.5	3.7	WPU07120105	Truck & bus (incl. off-the-highway) pneumatic tires	2.5	-0.1	0.3	10.9	19.6	2.3	5.5	17.4																																																																																																																																																																																																																													
WPUIP231233	Educational and vocational structures	1.8	5.8	19.5	6.4	0.5	-1.4	3.3	Table 4: Changes in PPIs for services important to construction																																																																																																																																																																																																																																						
WPUIP231234	Other misc. nonresidential construction	1.9	4.8	19.9	6.1	1.1	-1.9	3.7	WPUIP231100	New residential construction	1.0	6.7	15.9	5.3	0.8	-2.1	1.0	WPU4531	Architectural services	2.7	-1.2	-1.7	0.6	2.0	0.1	0.3	2.0	WPUIP231110	Single-family	1.0	6.6	15.4	5.1	0.7	-2.1	0.4	WPU4532	Engineering services	2.8	2.1	2.0	1.5	6.0	1.3	1.6	3.9	WPUIP231120	Multifamily	1.0	7.6	15.5	4.7	0.6	-2.0	0.2	WPU3012	Truck transportation of freight	4.5	6.5	0.0	2.2	8.4	-1.2	-2.0	4.9	WPUIP232000	Maintenance and repair construction	1.4	5.7	16.8	6.1	1.0	-2.3	2.4	WPU443	Const, mining & forestry mach & eq rental & leasin	3.4	-0.5	-1.3	-4.6	6.8	-0.3	0.0	6.8	WPUIP232200	Nonresidential maintenance and repair	1.3	5.2	18.4	5.7	1.0	-2.5	2.3	Table 5: Changes in PPIs for processed goods important to construction																	WPUIP232100	Residential maintenance and repair	1.0	6.1	14.8	5.9	0.6	-1.8	1.4	Table 6: Changes in PPIs for unprocessed goods important to construction																	WPU058102	Asphalt (at refinery)	24.9	-17.1	-13.9	70.6	-23.5	21.7	-29.8	-7.2	WPU1321	Construction sand/gravel/crushed stone	3.8	4.2	4.3	4.1	12.1	3.0	3.4	11.0	WPU1012	Iron and steel scrap	14.1	-26.2	40.6	37.9	-28.1	11.3	16.0	-14.2	WPU101212	Stainless and alloy steel scrap	-15.6	-0.1	27.4	47.9	-28.0	6.4	24.5	-24.1	WPU102301	Copper base scrap	-9.0	-5.9	30.1	24.5	-7.6	3.0	14.7	-7.3	Table 7: Changes in ECIs for total compensation, wages & salaries (through Dec 2022)																	CIU20100000000000000000	Private industry--total compensation	3.0	2.7	2.6	4.4	5.1	0.8	5.1	CIU20123000000000000000	Construction--total compensation	2.8	3.5	2.4	3.5	4.3	0.8	4.3	CIU20200000000000000000	Private industry--wages and salaries	3.1	3.0	2.8	5.0	5.1	1.0	5.1	CIU20223000000000000000	Construction--wages and salaries	3.1	3.8	2.8	3.8	4.8	1.1	4.8
WPUIP231100	New residential construction	1.0	6.7	15.9	5.3	0.8	-2.1	1.0	WPU4531	Architectural services	2.7	-1.2	-1.7	0.6	2.0	0.1	0.3	2.0																																																																																																																																																																																																																													
WPUIP231110	Single-family	1.0	6.6	15.4	5.1	0.7	-2.1	0.4	WPU4532	Engineering services	2.8	2.1	2.0	1.5	6.0	1.3	1.6	3.9																																																																																																																																																																																																																													
WPUIP231120	Multifamily	1.0	7.6	15.5	4.7	0.6	-2.0	0.2	WPU3012	Truck transportation of freight	4.5	6.5	0.0	2.2	8.4	-1.2	-2.0	4.9																																																																																																																																																																																																																													
WPUIP232000	Maintenance and repair construction	1.4	5.7	16.8	6.1	1.0	-2.3	2.4	WPU443	Const, mining & forestry mach & eq rental & leasin	3.4	-0.5	-1.3	-4.6	6.8	-0.3	0.0	6.8																																																																																																																																																																																																																													
WPUIP232200	Nonresidential maintenance and repair	1.3	5.2	18.4	5.7	1.0	-2.5	2.3	Table 5: Changes in PPIs for processed goods important to construction																																																																																																																																																																																																																																						
WPUIP232100	Residential maintenance and repair	1.0	6.1	14.8	5.9	0.6	-1.8	1.4	Table 6: Changes in PPIs for unprocessed goods important to construction																	WPU058102	Asphalt (at refinery)	24.9	-17.1	-13.9	70.6	-23.5	21.7	-29.8	-7.2	WPU1321	Construction sand/gravel/crushed stone	3.8	4.2	4.3	4.1	12.1	3.0	3.4	11.0	WPU1012	Iron and steel scrap	14.1	-26.2	40.6	37.9	-28.1	11.3	16.0	-14.2	WPU101212	Stainless and alloy steel scrap	-15.6	-0.1	27.4	47.9	-28.0	6.4	24.5	-24.1	WPU102301	Copper base scrap	-9.0	-5.9	30.1	24.5	-7.6	3.0	14.7	-7.3	Table 7: Changes in ECIs for total compensation, wages & salaries (through Dec 2022)																	CIU20100000000000000000	Private industry--total compensation	3.0	2.7	2.6	4.4	5.1	0.8	5.1	CIU20123000000000000000	Construction--total compensation	2.8	3.5	2.4	3.5	4.3	0.8	4.3	CIU20200000000000000000	Private industry--wages and salaries	3.1	3.0	2.8	5.0	5.1	1.0	5.1	CIU20223000000000000000	Construction--wages and salaries	3.1	3.8	2.8	3.8	4.8	1.1	4.8																																																																																																															
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WPU058102	Asphalt (at refinery)	24.9	-17.1	-13.9	70.6	-23.5	21.7	-29.8	-7.2																																																																																																																																																																																																																																						
WPU1321	Construction sand/gravel/crushed stone	3.8	4.2	4.3	4.1	12.1	3.0	3.4	11.0																																																																																																																																																																																																																																						
WPU1012	Iron and steel scrap	14.1	-26.2	40.6	37.9	-28.1	11.3	16.0	-14.2																																																																																																																																																																																																																																						
WPU101212	Stainless and alloy steel scrap	-15.6	-0.1	27.4	47.9	-28.0	6.4	24.5	-24.1																																																																																																																																																																																																																																						
WPU102301	Copper base scrap	-9.0	-5.9	30.1	24.5	-7.6	3.0	14.7	-7.3																																																																																																																																																																																																																																						
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CIU20100000000000000000	Private industry--total compensation	3.0	2.7	2.6	4.4	5.1	0.8	5.1																																																																																																																																																																																																																																							
CIU20123000000000000000	Construction--total compensation	2.8	3.5	2.4	3.5	4.3	0.8	4.3																																																																																																																																																																																																																																							
CIU20200000000000000000	Private industry--wages and salaries	3.1	3.0	2.8	5.0	5.1	1.0	5.1																																																																																																																																																																																																																																							
CIU20223000000000000000	Construction--wages and salaries	3.1	3.8	2.8	3.8	4.8	1.1	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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