

Percentage Change in Producer Price Indexes (PPIs) and Employment Cost Indexes (ECIs) for Construction, 2019-2024

| BLS Series ID | 12-month percentage change to December: to September 2024 since: | | | | | | | | BLS Series ID | 12-month percentage change to December: to September 2024 since: | | | | | | | | | |
|--|--|------|-------|------|------|--------|--------|--------|---------------|---|--|-------|-------|-------|--------|--------|--------|-------|-------|
| | 2019 | 2020 | 2021 | 2022 | 2023 | 8/2024 | 6/2024 | 9/2023 | | 2019 | 2020 | 2021 | 2022 | 2023 | 8/2024 | 6/2024 | 9/2023 | | |
| Table 1: Changes in consumer, producer & construction prices | | | | | | | | | | | | | | | | | | | |
| CUUR0000SA0 | Consumer price index (CPI-U) | 2.3 | 1.4 | 7.0 | 6.5 | 3.4 | 0.2 | 0.4 | 2.4 | WPU057303 | #2 diesel fuel | -0.7 | -2.8 | 54.2 | 21.1 | -18.4 | -14.6 | -6.9 | -36.1 |
| WPUFD4 | Producer price index (PPI) for final demand | 1.4 | 0.8 | 10.0 | 6.4 | 1.1 | -0.2 | -0.1 | 1.8 | WPU1394 | Paving mixtures and blocks (asphalt) | -1.8 | -2.7 | 8.2 | 16.2 | 2.4 | -0.7 | 0.0 | 2.6 |
| WPUFD43 | Final demand construction | 3.9 | 1.2 | 12.2 | 18.5 | 0.5 | 0.1 | 0.8 | 1.3 | WPU136 | Asphalt felts and coatings | -0.8 | 2.1 | 18.1 | 11.4 | 2.5 | 0.8 | 0.0 | 0.7 |
| WPUFD431 | Construction for private capital investment | 3.8 | 1.3 | 13.4 | 19.8 | 0.5 | 0.1 | 0.7 | 1.0 | WPU1361 | Prepared asphalt & tar roofing & siding products | -0.8 | 2.5 | 19.6 | 11.7 | 2.6 | 0.9 | 0.1 | 1.3 |
| WPUFD432 | Construction for government | 4.0 | 0.9 | 10.1 | 16.1 | 0.6 | 0.1 | 1.2 | 1.9 | WPU1322 | Cement | 1.9 | 1.9 | 4.4 | 13.0 | 8.9 | 0.0 | 0.1 | 5.3 |
| WPU80 | Construction (partial) | 3.5 | 0.9 | 11.6 | 16.3 | 0.8 | 0.1 | 0.8 | 1.6 | WPU133 | Concrete products | 3.1 | 2.2 | 8.6 | 14.8 | 6.9 | 0.3 | 1.1 | 4.1 |
| WPU801 | New nonresidential building construction | 4.0 | 1.3 | 12.4 | 19.4 | 0.4 | 0.1 | 0.8 | 1.2 | WPU1331 | Concrete block and brick | 3.6 | 3.0 | 5.1 | 13.8 | 10.6 | 0.0 | 0.1 | 6.8 |
| WPU801101 | New warehouse building construction | 4.5 | -0.1 | 20.4 | 20.9 | -1.6 | 0.0 | 0.0 | 0.1 | WPU1332 | Concrete pipe | 4.1 | 2.6 | 14.9 | 19.9 | 5.5 | 0.0 | 0.0 | 4.4 |
| WPU801102 | New school building construction | 4.7 | 1.2 | 9.0 | 17.9 | 0.0 | 0.1 | 1.5 | 1.8 | WPU1333 | Ready-mixed concrete | 2.7 | 2.2 | 6.8 | 13.0 | 6.9 | 0.3 | 1.6 | 4.5 |
| WPU801103 | New office building construction | 3.6 | 1.2 | 13.0 | 20.2 | 2.3 | 0.3 | 1.3 | 2.3 | WPU1334 | Precast concrete products | 3.9 | 3.0 | 12.0 | 13.1 | 6.0 | 0.4 | 0.5 | 2.3 |
| WPU801104 | New industrial building construction | 4.5 | 2.0 | 13.4 | 20.5 | 0.5 | 0.1 | 0.0 | 0.2 | WPU1335 | Prestressed concrete products | 2.5 | -1.2 | 14.7 | 31.9 | 4.6 | 0.0 | 0.2 | 2.0 |
| WPU801105 | New health care building construction | 3.1 | 1.4 | 11.4 | 18.0 | 0.2 | -0.1 | 0.5 | 0.3 | WPU1342 | Brick and structural clay tile | 1.8 | 3.3 | 6.1 | 8.8 | 5.5 | 0.0 | 0.1 | 4.8 |
| WPU802 | Maint & repair of nonres buildings (partial) | 2.2 | -0.2 | 9.5 | 7.8 | 3.3 | 0.1 | 0.4 | 4.6 | WPU0721 | Plastic construction products | 0.4 | 5.4 | 35.4 | 8.7 | -3.5 | -0.4 | -0.1 | -0.3 |
| Table 2: Changes in PPIs for new, repair & maintenance work by subcontractors | | | | | | | | | | | | | | | | | | | |
| PCU23811X23811X | Concrete contractors, nonresidential building work | 4.7 | 0.9 | 17.4 | 10.9 | -2.0 | 0.0 | -0.2 | 3.1 | WPU1311 | Flat glass | 1.0 | 3.7 | 7.4 | 10.0 | 2.1 | 1.0 | 1.7 | 3.1 |
| PCU23816X23816X | Roofing contractors, nonresidential building work | 3.6 | 3.2 | 9.2 | 21.1 | 9.0 | -0.1 | 0.7 | 2.2 | WPU13710102 | Gypsum building materials | -7.5 | 4.6 | 23.0 | 17.5 | -1.9 | 0.0 | 0.1 | 5.1 |
| PCU23821X23821X | Electrical contractors, nonresidential building work | 3.6 | 2.0 | 9.6 | 12.3 | 2.9 | 0.1 | 1.4 | 2.3 | WPU1392 | Insulation materials | -3.1 | 1.6 | 16.9 | 14.9 | 1.2 | 0.6 | 0.8 | 7.2 |
| PCU23822X23822X | Plumbing contractors, nonresidential building work | 3.7 | 0.0 | 8.4 | 14.6 | 3.1 | -0.1 | 0.1 | 0.9 | WPUSI004011 | Lumber and plywood | -2.2 | 37.2 | 18.1 | -19.3 | -6.4 | 1.1 | 1.0 | -1.6 |
| 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 | 6.1 | 1.7 | -0.7 | -0.5 | -0.9 | WPU1017 | Steel mill products | -16.0 | 5.2 | 128.0 | -29.8 | -3.3 | -1.3 | -6.9 | -12.3 |
| WPUIP2300001 | Inputs to construction industries, goods | 0.8 | 2.6 | 22.8 | 7.7 | 1.1 | -0.9 | -0.5 | -1.9 | WPU101706 | Steel pipe and tube | -9.0 | 1.9 | 79.8 | -7.9 | -16.1 | -1.3 | -2.8 | -6.1 |
| WPUIP23000012 | Inputs to construction industries, energy | 3.7 | -11.0 | 51.4 | 7.4 | -8.9 | -10.4 | -7.7 | -25.2 | WPU102502 | Copper and brass mill shapes | -0.6 | 23.6 | 23.4 | -2.3 | -1.0 | 1.1 | -2.3 | 10.9 |
| WPUIP23000013 | Inputs to construction industries, goods less foods | 0.3 | 4.8 | 20.3 | 7.8 | 2.1 | 0.0 | 0.2 | 0.9 | WPU102501 | Aluminum mill shapes | -4.4 | -1.7 | 29.5 | -5.3 | -1.9 | -0.9 | -2.5 | 2.7 |
| WPUIP2300002 | Inputs to construction industries, services | 2.1 | 9.1 | 12.1 | 3.5 | 3.1 | -0.4 | -0.4 | 1.1 | WPU1073 | Sheet metal products | -1.3 | -0.3 | 35.5 | 8.0 | 0.3 | -0.2 | -0.6 | 1.1 |
| WPUIP231000 | Inputs to new construction | 1.4 | 5.6 | 18.9 | 6.1 | 1.8 | -0.7 | -0.4 | -0.8 | WPU107405 | Fabricated structural metal | -3.3 | -0.5 | 47.6 | 7.5 | 3.5 | 0.1 | 0.5 | -9.5 |
| WPUIP231200 | New nonresidential construction | 1.8 | 4.4 | 20.2 | 6.7 | 1.8 | -0.6 | -0.4 | -1.0 | WPU1074051 | Fabricated structural metal bar joists & rebar | -2.9 | 0.5 | 56.9 | 3.3 | 6.4 | 0.0 | 1.0 | -20.7 |
| WPUIP231211 | Commercial structures | 1.6 | 4.2 | 21.1 | 7.1 | 1.6 | -0.4 | -0.1 | -0.3 | WPU10740514 | Fabricated structural metal for non-industrial buildir | -3.8 | 0.2 | 61.7 | 3.5 | 7.7 | 0.0 | 0.8 | -27.9 |
| WPUIP231212 | Healthcare structures | 1.7 | 5.0 | 20.0 | 7.1 | 1.4 | -0.4 | -0.2 | -0.2 | WPU10740553 | Fabricated structural metal for bridges | -6.9 | -0.4 | 41.2 | 15.3 | 0.2 | 1.7 | 1.9 | -3.4 |
| WPUIP231220 | Industrial structures | 3.2 | 3.8 | 18.6 | 6.7 | 2.8 | -0.5 | -0.2 | -0.2 | WPU107408 | Ornamental and architectural metal work | 0.1 | 4.8 | 48.1 | 10.8 | 1.2 | 0.0 | 0.1 | 8.6 |
| WPUIP231230 | Other nonresidential | 1.7 | 4.3 | 19.9 | 6.8 | 1.7 | -0.7 | -0.4 | -1.2 | WPU1076 | Fabricated steel plate | -1.3 | 1.8 | 45.5 | 1.9 | - | - | - | - |
| WPUIP231231 | Highways and streets | 1.4 | 1.8 | 19.8 | 7.2 | 2.5 | -0.7 | -0.2 | -1.5 | WPU1079 | Prefabricated metal buildings | -5.3 | 12.0 | 41.4 | -4.2 | 7.6 | 0.1 | -2.9 | -1.5 |
| WPUIP231232 | Power and communications structures | 1.5 | 3.6 | 20.4 | 6.2 | 1.4 | -0.9 | -0.6 | -1.9 | WPU112 | Construction machinery and equipment | 2.3 | 1.1 | 10.0 | 8.8 | 7.5 | -0.1 | 0.0 | 2.0 |
| WPUIP231233 | Educational and vocational structures | 1.8 | 5.8 | 19.5 | 6.4 | 1.4 | -0.4 | -0.3 | -0.3 | WPU07120105 | Truck & bus (incl. off-the-highway) pneumatic tires | -0.1 | 0.3 | 10.9 | 19.6 | -5.1 | 0.0 | 0.2 | -2.1 |
| WPUIP231234 | Other misc. nonresidential construction | 1.9 | 4.8 | 19.9 | 6.1 | 1.5 | -0.7 | -0.5 | -0.8 | Table 6: Changes in PPIs for unprocessed goods important to construction | | | | | | | | | |
| WPUIP231100 | New residential construction | 1.0 | 6.7 | 15.9 | 5.4 | 2.0 | -0.6 | -0.5 | -0.1 | WPU058102 | Asphalt (at refinery) | -17.1 | -13.9 | 70.6 | -23.5 | 23.8 | -19.0 | -22.2 | -18.5 |
| WPUIP231110 | Single-family | 1.0 | 6.6 | 15.4 | 5.2 | 1.8 | -0.5 | -0.5 | 0.2 | WPU1321 | Construction sand/gravel/crushed stone | 4.2 | 4.3 | 4.1 | 12.0 | 8.5 | -0.1 | 1.6 | 7.5 |
| WPUIP231120 | Multifamily | 1.0 | 7.6 | 15.5 | 4.8 | 2.5 | -0.5 | -0.4 | 0.1 | WPU1012 | Iron and steel scrap | -26.2 | 40.6 | 37.9 | -30.0 | 17.6 | -0.8 | -0.8 | -5.6 |
| WPUIP232000 | Maintenance and repair construction | 1.4 | 5.7 | 16.8 | 6.2 | 1.5 | -0.8 | -0.5 | -0.8 | WPU101212 | Stainless and alloy steel scrap | -0.1 | 27.4 | 47.9 | -28.0 | -2.2 | 0.6 | -4.6 | -0.9 |
| WPUIP232200 | Nonresidential maintenance and repair | 1.3 | 5.2 | 18.4 | 5.8 | 1.4 | -0.9 | -0.7 | -1.2 | WPU102301 | Copper base scrap | -5.9 | 30.1 | 24.5 | -7.5 | -0.7 | 1.1 | -6.3 | 6.8 |
| WPUIP232100 | Residential maintenance and repair | 1.0 | 6.1 | 14.8 | 5.9 | 2.0 | -0.6 | -0.3 | 0.1 | Table 7: Changes in ECIs for total compensation, wages & salaries (through Mar 2024) | | | | | | | | | |
| Table 4: Changes in PPIs for services important to construction | | | | | | | | | | | | | | | | | | | |
| WPU4531 | Architectural services | -1.2 | -1.7 | 0.6 | 1.9 | 1.9 | 0.0 | 0.5 | 2.3 | CIU2010000000000 | Private industry--total compensation | 2.7 | 2.6 | 4.4 | 5.1 | 4.1 | | 1.0 | 3.9 |
| WPU4532 | Engineering services | 2.1 | 2.0 | 1.5 | 6.2 | 3.5 | 0.0 | -0.3 | 2.6 | CIU2012300000000 | Construction--total compensation | 3.5 | 2.4 | 3.5 | 4.3 | 4.2 | | 0.1 | 2.8 |
| WPU3012 | Truck transportation of freight | 6.5 | 0.0 | 2.2 | 8.5 | -9.0 | -0.2 | 0.3 | -0.9 | CIU2020000000000 | Private industry--wages and salaries | 3.0 | 2.8 | 5.0 | 5.1 | 4.3 | | 1.0 | 4.1 |
| WPU443 | Const, mining & forestry mach & eq rental & leasing | -0.5 | -1.3 | -4.6 | 8.1 | 1.2 | -0.2 | -0.2 | 0.3 | CIU2022300000000 | Construction--wages and salaries | 3.8 | 2.8 | 3.8 | 4.8 | 4.5 | | -0.2 | 2.7 |

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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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