

ENR's 20-city average cost indexes, wages and material prices. Historical data for ENR's 20 cities can be found at [ENR.com/economics](https://enr.com/economics)

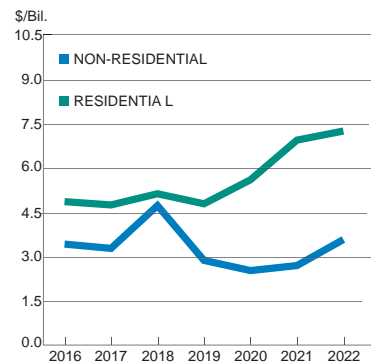
Construction Cost Index +8.5% ANNUAL INFLATION RATE MAY 2022		Building Cost Index +15.3% ANNUAL INFLATION RATE MAY 2022		Materials Cost Index +3.0% MONTHLY INFLATION RATE MAY 2022								
1913=100	INDEX VALUE	MONTH	YEAR	1913=100	INDEX VALUE	MONTH	YEAR	1913=100	INDEX VALUE	MONTH	YEAR	
CONSTRUCTION COST	3004.47		+0.8%	+8.5%	BUILDING COST	7785.64	+1.4%	+15.3%	MATERIALS COST	5693.87	+3.0%	+34.3%
COMMON LABOR	24511.71		0.0%	+1.1%	SKILLED LABOR	11125.38	+0.1%	+3.0%	CEMENT \$/TON	161.79	+1.8%	+6.7%
WAGE \$/HR.	47.10		0.0%	+1.1%	WAGE \$/HR.	61.48	+0.1%	+3.0%	STEEL \$/CWT	84.77	+1.7%	+39.8%
									LUMBER \$/MBF	1178.65	+5.5%	+30.3%

The Construction Cost Index's annual escalation rose 8.5%, while the monthly component rose 0.8%.

The Building Cost Index was up 15.3% on an annual basis, while the monthly component increased 1.4%.

The MCI rose 3% since last month, while the annual escalation rate increased 34.3%.

Construction starts in the Denver metro area are expected to rise 12.5% in 2022, to \$10.8 billion, according to Dodge Data & Analytics. Dodge predicts a 33.3% increase in non-residential construction, while residential work is expected to rise 4.5%. Warehouse, retail and education construction are expected to see the largest increase, while hotel work is predicted to decline.



SOURCE: DODGE DATA & ANALYTICS

ENR's Cost Indexes by City

	CONSTRUCTION COST		BUILDING COST		COMMON LABOR		SKILLED LABOR		MATERIALS	
	MAY'22: 1913	% CHG. YEAR	MAY '22: 1913	% CHG. YEAR	MAY '22: 1967	% CHG. YEAR	MAY '22: 1967	% CHG. YEAR	MAY '22: 1967	% CHG. YEAR
ATLANTA	8183.89	+14.1	6103.99	+19.8	825.83	0.0	728.97	0.0	1367.82	+37.4
BALTIMORE	10782.73	+9.5	7332.94	+18.8	1214.52	0.0	950.91	+7.3	1383.96	+30.3
BIRMINGHAM	8639.39	+11.7	5979.70	+20.6	978.68	0.0	860.63	+4.4	1146.56	+37.7
BOSTON	17506.66	+9.6	9677.46	+14.5	1756.25	+3.4	1535.51	+2.6	1242.03	+40.5
CHICAGO	18154.70	+5.5	9438.01	+12.8	1690.57	0.0	1473.33	+2.2	1028.47	+37.9
CINCINNATI	11797.82	+7.0	6727.45	+14.6	1077.82	0.0	931.74	+2.7	1157.28	+29.2
CLEVELAND	13723.13	+6.7	7376.77	+13.4	1095.01	+0.8	972.70	+2.4	1127.96	+29.5
DALLAS	7559.15	+18.3	6168.40	+23.4	742.23	0.0	738.08	0.0	1255.50	+43.9
DENVER	8589.63	+10.4	6269.45	+16.5	818.18	0.0	876.78	+2.6	1075.72	+34.2
DETROIT	13394.65	+6.2	7731.75	+11.8	1068.28	0.0	1028.13	+0.7	1063.04	+29.4
KANSAS CITY	13108.10	+7.9	7742.04	+12.7	1324.93	+1.3	1256.71	+0.8	1131.15	+31.0
LOS ANGELES	13670.79	+5.2	7968.04	+9.3	1111.66	0.0	1053.90	0.0	1268.47	+21.9
MINNEAPOLIS	14295.82	+5.8	8079.25	+15.3	1339.26	0.0	1320.99	+6.7	1105.60	+29.4
NEW ORLEANS	7790.64	+15.1	6286.04	+32.4	749.82	0.0	813.80	+24.5	1289.53	+38.8
NEW YORK CITY	21481.10	+4.0	10787.65	+8.5	1642.50	+1.0	1494.69	+2.6	1096.30	+26.7
PHILADELPHIA	15135.74	+8.2	8539.49	+9.1	1605.07	+4.3	1372.82	+1.2	1121.88	+26.4
PITTSBURGH	12602.97	+6.5%	7628.29	+12.3	1178.28	0.0	1043.25	+1.5	1052.53	+29.0
ST. LOUIS	13721.87	+6.6	7725.44	+12.9	1099.35	+0.3	1046.28	+1.6	1255.95	+29.7
SAN FRANCISCO	15326.99	+14.2	10033.57	+23.4	1046.50	0.0	1091.49	0.0	1738.08	+58.5
SEATTLE	14623.69	+12.5	8116.99	+17.3	1285.63	+6.2	1256.02	+5.0	1328.25	+39.4

CONSTRUCTION ECONOMICS

Prices for PVC pipe products rose 1.5% in March after increasing 1.2% in February, according to the Bureau of Labor Statistics' producer price index for plastic construction products, which consists largely of PVC pipe. The annual escalation sits at 35.2% for the month. ENR's 20-city average price for both types of copper water tubing experienced yearly increases in May, as did all types of corrugated steel pipe. Monthly prices for 6-in. ductile-iron pipe experienced a rise of 0.9%, while yearly prices increased 18.9% since May 2021.

PRODUCER PRICE INDEX
PVC PIPE
Monthly percent change

