

## BLS Producer Price Index (PPI) Table 9 Historical Inflation Averages for Selected Commodities

PPI Commodity Code	PPI Commodity Description	12 Months Ended 12/2016	12 Months Ended 12/2015	12 Months Ended 12/2014	3 Year Average Ended 12/2016	5 Year Average Ended 12/2016	10 Year Average Ended 12/2016
0111	Fresh fruits & melons	(1.3%)	6.4%	7.4%	4.1%	2.8%	0.4%
0113	Fresh & dry vegetables	(28.2%)	16.5%	14.2%	(1.5%)	(0.4%)	0.7%
0121	Wheat	(18.1%)	(25.5%)	(4.7%)	(16.5%)	(9.7%)	(1.2%)
012202	Corn	(10.0%)	(1.6%)	(12.5%)	(8.2%)	(10.9%)	(0.2%)
0131	Slaughter cattle	(7.5%)	(27.7%)	26.3%	(5.5%)	(1.4%)	2.8%
0132	Slaughter hogs	(4.0%)	(16.3%)	(12.5%)	(11.1%)	(7.8%)	(0.4%)
014102	Slaughter broilers/fryers	6.3%	(22.9%)	3.0%	(5.5%)	0.8%	3.2%
0142	Slaughter turkeys	(4.4%)	22.9%	2.6%	6.4%	2.7%	6.3%
0151	Raw cotton	11.3%	(0.1%)	(17.4%)	(2.8%)	(6.1%)	3.6%
016	Fluid milk	4.0%	(16.0%)	(6.9%)	(6.6%)	(2.2%)	2.2%
017107	Eggs for fresh use	(13.5%)	(34.0%)	31.9%	(9.0%)	(3.1%)	1.6%
01830131	Soybeans	16.4%	(17.4%)	(21.9%)	(9.1%)	(2.1%)	4.6%
0211	Bakery products	0.4%	0.8%	1.3%	0.9%	1.3%	2.7%
021203	Flour	(5.2%)	(14.5%)	5.1%	(5.2%)	(2.1%)	2.3%
0213	Milled rice	(8.9%)	(6.1%)	1.2%	(4.7%)	(2.8%)	2.1%
021402	Pasta products	(4.8%)	3.4%	1.5%	0.0%	(0.1%)	4.7%
022101	Beef & veal	1.1%	(22.4%)	29.3%	0.5%	1.3%	3.9%
022104	Pork	(1.8%)	(19.7%)	6.9%	(5.5%)	(2.9%)	0.9%
022203	Processed young chickens	5.0%	(11.0%)	10.7%	1.2%	2.4%	3.0%
022206	Processed turkeys	(16.7%)	0.4%	4.3%	(4.4%)	(1.4%)	2.5%
0223	Finfish & shellfish	20.4%	(9.4%)	5.3%	4.7%	3.3%	3.9%
023	Dairy products	1.4%	(8.0%)	2.5%	(1.5%)	0.0%	2.6%
024	Processed fruits & vegetables	1.3%	0.9%	1.8%	1.3%	1.1%	2.5%
025201	Cane sugar, raw	6.1%	4.8%	3.2%	4.7%	(4.3%)	2.4%
0253	Refined sugar & byproducts	(2.8%)	(1.8%)	8.6%	1.2%	(5.0%)	1.1%
0254	Confectionery materials	0.7%	3.5%	(10.2%)	(2.2%)	(2.2%)	2.1%
0255	Confectionery end products	(0.7%)	1.2%	3.7%	1.4%	1.9%	3.3%
0261	Alcoholic beverages	0.2%	0.5%	(0.2%)	0.2%	0.9%	2.0%
0262	Soft drinks	2.4%	1.8%	0.9%	1.7%	1.6%	2.2%
026301	Coffee	(4.1%)	(1.3%)	5.2%	(0.2%)	(3.8%)	2.1%
02640111	Soft drink beverage bases	#N/A	(100.0%)	0.6%	#N/A	#N/A	#N/A
0278	Shortening & cooking oils	4.8%	(5.2%)	(4.8%)	(1.8%)	(3.9%)	2.4%
0283	Processed eggs	(60.0%)	2.6%	16.8%	(21.8%)	(9.4%)	(0.8%)
0285	Frozen specialties	(1.2%)	(0.9%)	3.1%	0.3%	0.6%	1.9%
029	Prepared animal feeds	2.8%	(14.6%)	(2.1%)	(4.9%)	(1.0%)	3.5%
029402	Pet food	2.0%	0.4%	0.6%	1.0%	1.8%	3.9%
031	Synthetic fibers	(0.4%)	(3.7%)	(1.4%)	(1.8%)	(0.3%)	0.3%
032	Processed yarns & threads	(1.0%)	(3.7%)	(0.2%)	(1.7%)	(2.1%)	1.5%
033	Gray fabrics	(1.4%)	(1.6%)	(0.2%)	(1.1%)	(1.9%)	1.4%
034	Finished fabrics	0.1%	(0.6%)	2.7%	0.7%	0.4%	1.9%
038106	Women's, girls', & infants' apparel	(1.9%)	1.2%	(1.0%)	(0.6%)	0.1%	0.4%
038107	Men's & boys' apparel	0.1%	(1.2%)	0.4%	(0.3%)	0.7%	1.4%
0382	Textile housefurnishings	1.4%	1.4%	11.7%	4.7%	3.2%	3.0%
038303	Industrial textile products	(0.1%)	1.0%	1.2%	0.7%	1.5%	1.9%

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041	Hides & skins	(2.5%)	(34.1%)	6.3%	(11.9%)	(3.7%)	0.1%
042	Leather	(2.1%)	(20.4%)	5.6%	(6.3%)	(1.6%)	0.4%
043	Footwear	0.1%	3.5%	2.8%	2.1%	3.2%	2.9%
051	Coal	2.0%	(3.1%)	(5.3%)	(2.2%)	(1.5%)	4.4%
0531	Natural gas	50.8%	(49.1%)	12.4%	(4.8%)	(0.7%)	(8.6%)
0532	Liquefied petroleum gas	8.2%	(20.8%)	(45.6%)	(22.5%)	(19.9%)	(5.7%)
0551	Residential gas	7.8%	(14.2%)	6.0%	(0.7%)	0.1%	(1.6%)
0552	Commercial natural gas	7.2%	(13.0%)	4.1%	(1.0%)	(0.9%)	(2.6%)
0553	Industrial natural gas	4.8%	(18.3%)	2.3%	(4.3%)	(3.4%)	(4.2%)
0554	Natural gas to electric utilities	7.8%	(11.0%)	7.3%	1.0%	0.7%	(0.7%)
0561	Crude petroleum	47.3%	(43.6%)	(37.3%)	(19.6%)	(12.8%)	(1.4%)
0571	Gasoline	12.5%	(29.4%)	(27.4%)	(16.8%)	(10.7%)	(1.1%)
057203	Jet fuels	14.6%	(40.1%)	(23.5%)	(19.3%)	(13.0%)	(2.0%)
057302	Home heating oil & distillates	(3.2%)	(22.4%)	(31.9%)	(20.0%)	(13.0%)	(3.5%)
057303	No 2 Diesel fuel	21.3%	(44.2%)	(26.1%)	(20.6%)	(12.8%)	(2.5%)
0574	Residual fuels	22.1%	(48.8%)	(30.9%)	(24.4%)	(16.8%)	(2.5%)
0613	Basic inorganic chemicals	(3.6%)	(3.6%)	(1.3%)	(2.9%)	(3.9%)	3.4%
0614	Basic organic chemicals	3.9%	(15.9%)	(9.1%)	(7.4%)	(5.3%)	0.7%
0621	Prepared paint	(0.3%)	(1.7%)	0.1%	(0.6%)	1.6%	2.9%
0622	Paint materials	3.0%	(12.2%)	0.3%	(3.2%)	(3.5%)	1.6%
0631	Medicinal & botanical chemicals	(0.8%)	0.6%	(2.9%)	(1.0%)	0.1%	2.4%
0638	Pharmaceutical preparations	7.6%	8.7%	9.9%	8.7%	7.4%	6.5%
064	Fats & oils, inedible	21.8%	(16.9%)	(13.9%)	(4.5%)	(6.8%)	2.2%
0651	Mixed fertilizers	(9.2%)	(2.0%)	1.3%	(3.4%)	(3.7%)	1.6%
065201	Nitrogenates	(27.8%)	(3.1%)	1.3%	(10.9%)	(9.6%)	1.5%
065202	Phosphates	(18.4%)	(8.1%)	14.8%	(4.9%)	(10.8%)	2.6%
0653	Other agricultural chemicals	(1.5%)	(1.5%)	1.3%	(0.6%)	0.3%	1.6%
066	Plastic resins & materials	(1.5%)	(15.0%)	4.6%	(4.3%)	(1.1%)	1.2%
0671	Soaps & synthetic detergents	1.0%	0.5%	(1.2%)	0.1%	0.8%	2.1%
0672	Cleaning & polishing products	0.2%	0.7%	1.5%	0.8%	1.1%	1.2%
0675	Cosmetics & other toilet preparations	0.7%	0.3%	2.9%	1.3%	1.3%	1.1%
071102	Synthetic rubber	5.7%	(10.0%)	(4.7%)	(3.2%)	(4.8%)	2.2%
0712	Tires, tubes, tread, etc	0.3%	(2.9%)	(3.8%)	(2.1%)	(1.6%)	2.2%
0721	Plastic construction products	0.1%	1.0%	1.5%	0.9%	1.3%	1.7%
0722	Unsupported plastic film, sheet, & other shapes	0.7%	(5.1%)	2.4%	(0.7%)	(0.0%)	1.8%
0726	Plastic parts & components for manufacturing	(0.2%)	(0.9%)	1.4%	0.1%	1.3%	1.3%
0811	Softwood lumber	8.8%	(5.8%)	0.1%	0.9%	5.1%	2.2%
0812	Hardwood lumber	3.6%	(9.6%)	4.0%	(0.9%)	4.0%	1.4%
082	Millwork	1.8%	1.2%	3.2%	2.1%	2.9%	1.9%
083	Plywood	(3.8%)	(7.8%)	9.2%	(1.0%)	1.8%	1.2%
085	Logs, timber, etc	0.9%	(1.4%)	0.5%	0.0%	0.6%	1.2%
087101	Treated wood	(1.2%)	(2.4%)	5.8%	0.7%	3.7%	2.0%
0911	Woodpulp	(4.2%)	(1.4%)	(2.9%)	(2.8%)	(2.2%)	1.3%
0912	Wastepaper	33.3%	(13.2%)	(6.1%)	2.8%	(0.3%)	3.8%

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0913	Paper	(0.4%)	(3.1%)	0.8%	(0.9%)	(0.7%)	0.8%
0914	Paperboard	0.0%	(2.0%)	(1.0%)	(1.0%)	1.0%	2.1%
091501	Sanitary paper products	0.1%	0.1%	(1.8%)	(0.6%)	(0.4%)	1.3%
091503	Paper boxes & containers	2.6%	(0.8%)	(0.8%)	0.3%	2.4%	2.5%
092	Building paper & board	5.4%	5.0%	(0.5%)	3.3%	4.7%	3.0%
0947	Commercial printing	0.2%	0.0%	0.0%	0.1%	(0.1%)	#N/A
1011	Iron ore	(0.6%)	(6.5%)	1.9%	(1.8%)	(7.9%)	(0.6%)
1012	Iron & steel scrap	65.8%	(51.9%)	(17.7%)	(13.1%)	(10.1%)	1.5%
1015	Foundry & forge shop products	(0.9%)	(1.5%)	1.3%	(0.4%)	0.3%	2.2%
1017	Steel mill products	9.3%	(19.6%)	0.8%	(4.0%)	(4.1%)	(0.3%)
1021	Nonferrous metal ores	16.4%	(19.4%)	(1.5%)	(2.6%)	(4.7%)	2.3%
1022	Primary nonferrous metals	21.1%	(20.1%)	(1.1%)	(1.5%)	(2.7%)	(3.1%)
102301	Copper base scrap	9.7%	(27.7%)	(11.9%)	(11.2%)	(7.3%)	(1.4%)
102302	Aluminum base scrap	8.0%	(30.8%)	19.1%	(3.8%)	(4.9%)	(3.7%)
102501	Aluminum mill shapes	4.7%	(14.4%)	11.0%	(0.2%)	(1.3%)	(1.0%)
102502	Copper & brass mill shapes	18.8%	(18.8%)	(5.0%)	(2.9%)	(2.7%)	(0.7%)
102505	Titanium mill shapes	#N/A	(100.0%)	0.5%	#N/A	#N/A	#N/A
1026	Nonferrous wire & cable	2.2%	(9.2%)	(0.9%)	(2.7%)	(3.3%)	(0.2%)
103	Metal containers	(2.0%)	(1.7%)	(0.3%)	(1.3%)	(0.8%)	1.4%
104	Hardware	0.5%	0.4%	1.8%	0.9%	0.9%	1.8%
105	Plumbing fixtures & brass fittings	0.2%	1.3%	3.1%	1.5%	1.6%	2.0%
106	Heating equipment	1.5%	2.1%	1.7%	1.8%	1.9%	2.9%
107	Fabricated structural metal products	1.2%	(0.9%)	0.9%	0.4%	0.3%	1.5%
1088	Fabricated ferrous wire products	(1.7%)	(0.8%)	1.3%	(0.4%)	0.0%	2.9%
1089	Other misc metal products	(0.6%)	(2.0%)	0.0%	(0.9%)	(0.3%)	1.0%
111	Agricultural machinery & equipment	1.3%	1.0%	1.2%	1.2%	1.2%	2.3%
112	Construction machinery & equipment	1.0%	0.9%	1.9%	1.3%	1.8%	2.2%
1137	Metal cutting machine tools	0.2%	1.1%	1.2%	0.8%	1.7%	2.0%
1138	Metal forming machine tools	0.3%	0.6%	1.8%	0.9%	1.6%	1.8%
1139	Tools, dies, jigs, fixtures & ind. Molds	(0.1%)	(0.4%)	0.3%	(0.1%)	0.4%	0.4%
1141	Pumps, compressors & equipment	0.8%	1.3%	2.8%	1.6%	1.9%	2.7%
1144	Industrial material handling equipment	1.0%	2.2%	2.4%	1.8%	2.2%	2.8%
1145	Mechanical power transmission equipment	(0.2%)	1.1%	0.6%	0.5%	1.2%	2.6%
1148	Air conditioning & refrigeration equipment	1.2%	0.6%	1.5%	1.1%	1.3%	1.7%
114902	Metal valves, ex. fluid power	2.1%	1.9%	2.9%	2.3%	2.8%	3.7%
114905	Ball & roller bearings	0.1%	(0.3%)	1.8%	0.5%	1.1%	2.7%
1151	Electronic computers	(4.5%)	(2.9%)	(5.1%)	(4.2%)	(5.9%)	(10.7%)
1162	Textile machinery	(2.1%)	(0.7%)	1.3%	(0.5%)	0.5%	0.7%
1164	Paper industries machinery	0.6%	0.9%	2.5%	1.3%	1.5%	1.9%
1165	Printing trades machinery	0.0%	2.0%	(0.6%)	0.5%	0.8%	1.0%
1171	Wiring devices	0.1%	(1.5%)	1.0%	(0.1%)	0.6%	1.9%
1173	Motors, generators, motor generator sets	(0.8%)	(0.3%)	1.5%	0.1%	0.3%	2.2%
1174	Transformers & power regulators	2.4%	(7.5%)	(0.3%)	(1.9%)	(1.7%)	1.4%
1175	Switchgear, switchboard, etc, equipment	(0.3%)	0.9%	(0.6%)	0.0%	0.8%	1.7%

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1176	Communication & related equip	0.2%	0.6%	0.8%	0.6%	0.6%	0.6%
1178	Electronic components & accessories	(1.5%)	(1.0%)	(1.6%)	(1.4%)	(1.1%)	(2.9%)
117905	X-ray & electromedical equipment	(1.0%)	0.6%	(1.4%)	(0.6%)	(0.4%)	(1.0%)
1191	Oil field & gas field machinery	(0.7%)	(0.6%)	1.4%	0.0%	0.7%	1.9%
1192	Mining machinery & equipment	2.0%	1.4%	1.0%	1.5%	2.2%	3.7%
1193	Office & store machines & equipment	0.4%	3.5%	1.0%	1.6%	(0.0%)	0.8%
1194	Internal combustion engines	(2.8%)	0.9%	0.4%	(0.5%)	(0.2%)	0.7%
1195	Machine shop products	0.3%	0.4%	0.3%	0.3%	0.5%	1.6%
121	Household furniture	0.6%	1.3%	1.2%	1.0%	1.2%	1.7%
122	Commercial furniture	0.8%	0.6%	2.9%	1.4%	1.1%	1.8%
123	Floor coverings	(0.8%)	1.7%	1.5%	0.8%	0.7%	1.8%
124	Household appliances	(1.6%)	(0.9%)	0.0%	(0.8%)	0.1%	1.0%
125	Home electronic equipment	0.8%	(0.2%)	0.6%	0.4%	(0.2%)	(1.4%)
1266	Lawn & garden equip, ex tractors	0.3%	0.3%	0.8%	0.5%	0.4%	0.5%
1311	Flat glass	2.8%	4.6%	3.7%	3.7%	3.0%	1.5%
1321	Construction sand, gravel & crushed stone	4.8%	3.5%	3.7%	4.0%	3.4%	3.7%
1322	Cement	4.3%	6.3%	5.7%	5.4%	4.2%	1.5%
133	Concrete products	3.1%	3.1%	5.2%	3.8%	3.2%	2.3%
136	Asphalt felts & coatings	(2.0%)	(4.2%)	2.0%	(1.4%)	(1.2%)	4.4%
137	Gypsum products	5.4%	(0.1%)	5.0%	3.4%	7.9%	1.1%
138	Glass containers	0.7%	2.1%	0.6%	1.1%	1.4%	2.4%
139901	Industrial sand	2.0%	(5.8%)	13.9%	3.1%	3.6%	4.8%
141101	Passenger cars	(0.1%)	2.1%	1.2%	1.1%	0.6%	0.5%
141105	Light motor trucks	2.8%	1.6%	1.8%	2.1%	2.3%	1.7%
141106	Heavy motor trucks	2.0%	2.8%	1.1%	2.0%	2.1%	2.7%
1412	Motor vehicle parts	(0.2%)	(0.4%)	0.1%	(0.2%)	0.0%	0.6%
1414	Truck trailers	(0.6%)	1.8%	1.6%	0.9%	1.0%	1.8%
1416	Travel trailers & campers	0.6%	2.8%	3.1%	2.2%	2.3%	2.2%
142102	Civilian aircraft	1.1%	0.3%	2.4%	1.3%	1.5%	2.2%
1423	Aircraft engines & engine parts	1.4%	0.2%	2.6%	1.4%	1.8%	2.6%
1425	Aircraft parts & aux. equip., nec	0.7%	1.0%	1.3%	1.0%	1.5%	1.7%
1431	Ships	(1.1%)	0.7%	0.3%	(0.0%)	0.2%	1.6%
144	Railroad equipment	(1.4%)	1.5%	2.1%	0.7%	1.2%	1.5%
1511	Toys, games & children's vehicles	(0.4%)	1.2%	2.2%	1.0%	1.3%	1.8%
1512	Sporting & athletic goods	(1.7%)	2.7%	1.3%	0.8%	0.8%	0.7%
152	Tobacco products	4.8%	4.8%	4.6%	4.7%	4.7%	5.5%
1542	Photographic supplies	(0.4%)	(0.5%)	1.6%	0.2%	0.7%	1.9%
155	Mobile homes	1.0%	1.5%	3.5%	2.0%	2.7%	2.7%
156	Medical/surgical/personal aid devices	0.2%	1.4%	0.1%	0.6%	0.7%	0.9%
159402	Jewelry, platinum, & karat gold	4.9%	0.9%	(8.4%)	(1.0%)	(0.2%)	4.3%
159404	Costume jewelry & novelties	0.3%	3.1%	1.5%	1.6%	2.0%	1.5%

Note: #N/A denotes no indexes available because: 1) BLS did not publish indexes for that period OR 2) Category did not exist for that period