

**BLS Producer Price Index (PPI) Table 9 Historical Inflation Averages Through 2018 for Selected Commodities**

| PPI Commodity Code | PPI Commodity Description                               | Dec '18 ÷ Dec '17 | Dec '17 / Dec '16 | Dec '16 / Dec '15 | 3 Year Avg 12/18 | 5 Year Avg 12/18 | 10 Year Avg 12/18 | 20 Year Avg 12/18 |
|--------------------|---|-------------------|-------------------|-------------------|------------------|------------------|-------------------|-------------------|
| 01                 | FARM PRODUCTS   | 4.4%              | 5.9%              | (5.4%)            | 1.5%             | (1.9%)           | 2.2%              | 2.6%              |
| 011                | Fruits & melons, fresh/dry vegs. & nuts                 | 34.5%             | 15.4%             | (17.4%)           | 8.7%             | 9.5%             | 6.2%              | 4.3%              |
| 0111               | Fresh fruits & melons                                   | 26.3%             | 7.9%              | (1.3%)            | 10.4%            | 9.0%             | 5.3%              | 4.0%              |
| 0113               | Fresh & dry vegetables                                  | 52.8%             | 28.2%             | (28.2%)           | 12.1%            | 13.4%            | 7.6%              | 4.6%              |
| 0119               | Tree nuts   | 16.4%             | (2.8%)            | (16.4%)           | (1.8%)           | 0.7%             | 4.9%              | 3.9%              |
| 012                | Grains  | 13.4%             | 0.8%              | (11.8%)           | 0.3%             | (3.7%)           | 1.0%              | 2.7%              |
| 0121               | Wheat   | 18.5%             | 12.6%             | (18.1%)           | 3.0%             | (4.9%)           | 0.4%              | 2.9%              |
| 0122               | Other grains  | 13.0%             | (2.7%)            | (10.3%)           | (0.4%)           | (3.3%)           | 1.5%              | 2.8%              |
| 0123               | Rough rice  | (1.7%)            | 15.6%             | (12.5%)           | (0.2%)           | (5.9%)           | (4.2%)            | (1.2%)            |
| 013                | Slaughter livestock                                     | (5.3%)            | 7.5%              | (6.7%)            | (1.7%)           | (3.6%)           | 2.7%              | 3.9%              |
| 0131               | Slaughter cattle  | (2.7%)            | 6.1%              | (7.5%)            | (1.5%)           | (2.7%)           | 3.4%              | 3.5%              |
| 0132               | Slaughter hogs  | (14.9%)           | 14.0%             | (4.0%)            | (2.3%)           | (7.4%)           | 0.0%              | 7.3%              |
| 0133               | Slaughter lambs   | 0.9%              | (2.7%)            | 2.3%              | 0.1%             | 2.3%             | 5.6%              | 4.6%              |
| 014                | Slaughter poultry                                       | (0.6%)            | (0.3%)            | 3.7%              | 0.9%             | (2.1%)           | 1.0%              | 2.4%              |
| 0141               | Broilers & other meat type chickens                     | (0.8%)            | 5.8%              | 6.3%              | 3.7%             | (2.4%)           | 0.7%              | 2.5%              |
| 0142               | Slaughter turkeys                                       | 0.1%              | (24.2%)           | (4.4%)            | (10.2%)          | (1.8%)           | 2.7%              | 2.0%              |
| 0143               | Slaughter ducks   | 0.2%              | 1.2%              | 0.8%              | 0.7%             | 1.1%             | 1.4%              | 3.3%              |
| 015                | Raw cotton  | 4.4%              | 1.0%              | 11.4%             | 5.5%             | (0.6%)           | 3.0%              | 1.1%              |
| 016                | Raw milk  | (11.1%)           | (2.6%)            | 4.0%              | (3.4%)           | (6.8%)           | (0.4%)            | (0.8%)            |
| 017                | Chicken eggs  | (26.7%)           | 77.1%             | (20.4%)           | 1.1%             | (4.4%)           | 1.2%              | 2.2%              |
| 0171               | Chicken eggs  | (26.7%)           | 77.1%             | (20.4%)           | 1.1%             | (4.4%)           | 1.2%              | 2.2%              |
| 018                | Hay, hayseeds & oilseeds                                | (3.2%)            | (0.6%)            | 9.0%              | 1.6%             | (6.4%)           | 0.9%              | 2.6%              |
| 0181               | Alfalfa hay   | 24.2%             | 19.0%             | (11.0%)           | 9.6%             | 0.9%             | 2.4%              | 4.5%              |
| 0183               | Oilseeds  | (8.2%)            | (4.3%)            | 13.8%             | 0.0%             | (7.9%)           | 0.6%              | 2.2%              |
| 02                 | PROCESSED FOODS & FEEDS                                 | 0.7%              | 0.4%              | 0.5%              | 0.6%             | (0.1%)           | 1.4%              | 2.3%              |
| 021                | Cereal & bakery products                                | 3.0%              | 1.2%              | (0.8%)            | 1.1%             | 0.5%             | 1.3%              | 2.5%              |
| 0211               | Bakery products   | 3.6%              | 1.4%              | 0.4%              | 1.8%             | 1.5%             | 1.7%              | 2.5%              |
| 0212               | Flour & flour base mixes & doughs                       | 0.8%              | 1.7%              | (2.7%)            | (0.1%)           | (1.2%)           | 0.9%              | 2.6%              |
| 0213               | Milled rice   | 4.2%              | 7.8%              | (8.9%)            | 0.8%             | (0.6%)           | (2.1%)            | 2.3%              |
| 0214               | Other cereals   | 3.2%              | (0.8%)            | (0.9%)            | 0.5%             | (0.5%)           | 1.4%              | 2.2%              |
| 022                | Meats, poultry & fish                                   | (1.3%)            | (1.7%)            | 1.2%              | (0.6%)           | (0.7%)           | 1.6%              | 2.5%              |
| 0221               | Meats   | 0.7%              | 0.1%              | (1.0%)            | (0.1%)           | (0.6%)           | 1.9%              | 3.1%              |
| 0222               | Processed poultry                                       | (6.5%)            | (4.7%)            | 0.2%              | (3.7%)           | (2.0%)           | 0.5%              | 1.0%              |
| 0223               | Unprocessed & packaged fish                             | 1.0%              | (3.5%)            | 20.4%             | 5.5%             | 2.3%             | 2.9%              | 3.3%              |
| 023                | Dairy products  | (1.6%)            | (0.6%)            | 1.4%              | (0.3%)           | (1.3%)           | 1.0%              | 1.3%              |
| 0231               | Fluid milk products                                     | (0.4%)            | 0.9%              | (1.3%)            | (0.3%)           | (0.3%)           | 1.7%              | 1.9%              |
| 0232               | Butter  | (0.2%)            | 6.6%              | (14.7%)           | (3.2%)           | 6.5%             | 5.2%              | 2.6%              |
| 0233               | Natural, processed & imitation cheese                   | (4.6%)            | (3.9%)            | 5.7%              | (1.0%)           | (2.3%)           | (0.5%)            | 0.5%              |
| 0234               | Ice cream & frozen desserts                             | 0.8%              | 2.3%              | 0.3%              | 1.1%             | 1.3%             | 2.1%              | 2.1%              |
| 0235               | Dry, condensed & evaporated milk products               | 0.9%              | (0.6%)            | 5.0%              | 1.7%             | (6.2%)           | 0.9%              | 0.7%              |
| 024                | Processed fruits & vegetables                           | 2.3%              | 2.4%              | 1.3%              | 2.0%             | 1.8%             | 1.8%              | 2.5%              |
| 0241               | Canned fruits & juices                                  | (1.7%)            | 0.4%              | 4.6%              | 1.0%             | 1.8%             | 1.9%              | 2.5%              |
| 0242               | Frozen fruits, juices & ades                            | 5.1%              | 4.1%              | 4.3%              | 4.5%             | 3.8%             | 4.3%              | 2.8%              |
| 0244               | Canned vegetables & juices                              | 4.7%              | 1.5%              | (3.3%)            | 0.9%             | 0.1%             | 0.4%              | 1.9%              |
| 0245               | Frozen vegetables                                       | 2.4%              | 5.4%              | 0.3%              | 2.7%             | 1.9%             | 1.8%              | 2.7%              |
| 0248               | Dried & dehydrated food                                 | 4.3%              | 2.7%              | 2.8%              | 3.3%             | 3.1%             | 2.6%              | -                 |
| 025                | Sugar & confectionery                                   | 1.1%              | 0.0%              | (0.5%)            | 0.2%             | 0.8%             | 1.5%              | 2.5%              |
| 0252               | Raw cane sugar & sugar cane mill products & by-products | (1.8%)            | (2.9%)            | 6.1%              | 0.4%             | 1.8%             | 1.7%              | 1.5%              |
| 0253               | Refined sugar products & by-products                    | 0.4%              | 6.3%              | (2.8%)            | 1.2%             | 2.0%             | 1.1%              | 1.8%              |
| 0254               | Confectionery materials                                 | 0.1%              | 2.3%              | 0.7%              | 1.0%             | (0.9%)           | (0.3%)            | 3.1%              |
| 0255               | Confectionery end products                              | 1.7%              | (1.5%)            | (0.7%)            | (0.2%)           | 0.9%             | 2.0%              | 2.5%              |
| 026                | Beverages & beverage materials                          | 1.7%              | 0.9%              | 1.0%              | 1.2%             | 1.1%             | 1.6%              | 2.0%              |
| 0261               | Alcoholic beverages                                     | 1.9%              | 1.9%              | 0.2%              | 1.3%             | 0.8%             | 1.8%              | 1.9%              |
| 0262               | Soft drinks   | 1.9%              | 0.1%              | 2.4%              | 1.5%             | 1.4%             | 1.6%              | 2.2%              |
| 0263               | Packaged beverage materials                             | (0.7%)            | 1.1%              | (3.7%)            | (1.1%)           | 0.0%             | 0.7%              | 1.7%              |
| 0264               | Other beverage materials                                | 2.8%              | 0.9%              | 2.1%              | 1.9%             | 1.4%             | 1.5%              | 2.4%              |
| 027                | Fats & oils   | (2.6%)            | 1.3%              | 3.4%              | 0.7%             | (1.6%)           | (0.0%)            | 2.9%              |
| 0278               | Shortening & cooking oils                               | (3.0%)            | 3.1%              | 4.8%              | 1.6%             | (1.1%)           | (0.0%)            | 2.6%              |

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|--------------------|---|-------------------|-------------------|-------------------|------------------|------------------|-------------------|-------------------|
| 027A               | Other oilseed processing                                    | (0.1%)            | (4.7%)            | (5.2%)            | (3.4%)           | (2.9%)           | 0.6%              | -                 |
| 028                | Miscellaneous processed foods                               | 2.5%              | 3.7%              | (2.4%)            | 1.3%             | 1.2%             | 1.5%              | 2.1%              |
| 0281               | Canned jams, jellies & preserves                            | 0.8%              | 0.4%              | 6.4%              | 2.5%             | 1.4%             | 1.6%              | 2.1%              |
| 0282               | Pickles & other pickled products, including horseradish     | 3.8%              | 3.7%              | 0.3%              | 2.6%             | 1.7%             | 1.4%              | 1.6%              |
| 0283               | Processed eggs, liquid, dried, or frozen                    | (26.8%)           | 122.3%            | (60.0%)           | (13.4%)          | (4.9%)           | 0.2%              | 2.4%              |
| 0284               | Specialty canning   | 2.7%              | 0.3%              | (1.5%)            | 0.5%             | 0.7%             | 1.3%              | 1.8%              |
| 0285               | Frozen specialty food                                       | (0.2%)            | (0.9%)            | (1.2%)            | (0.7%)           | 0.0%             | 0.7%              | 1.3%              |
| 0286               | Prepared sauces, except tomato                              | 1.8%              | 1.0%              | (0.1%)            | 0.9%             | 0.8%             | 1.0%              | 1.5%              |
| 0289               | Other miscellaneous processed foods                         | 5.2%              | 2.4%              | 1.0%              | 2.9%             | 1.9%             | 1.9%              | 2.4%              |
| 029                | Prepared animal feeds                                       | 2.0%              | (0.3%)            | 2.8%              | 1.5%             | (2.7%)           | 1.0%              | 3.1%              |
| 0292               | Soybean cake, meal & other byproducts                       | 1.6%              | (0.4%)            | 7.2%              | 2.7%             | (5.9%)           | (1.4%)            | 3.4%              |
| 0293               | Formula feeds   | 2.1%              | 0.9%              | (1.7%)            | 0.4%             | (2.2%)           | 1.3%              | 3.4%              |
| 0294               | Miscellaneous feedstuffs                                    | 2.2%              | (1.1%)            | 4.5%              | 1.8%             | (1.6%)           | 1.9%              | 2.9%              |
| 03                 | TEXTILE PRODUCTS & APPAREL                                  | 3.7%              | 1.5%              | (0.3%)            | 1.6%             | 1.0%             | 1.5%              | 1.1%              |
| 031                | Synthetic fibers  | 7.9%              | 3.4%              | (0.4%)            | 3.6%             | 1.1%             | 1.5%              | 1.1%              |
| 0315               | Unprocessed filament yarns                                  | 7.9%              | 3.3%              | (0.4%)            | 3.6%             | 1.1%             | 1.5%              | 1.1%              |
| 032                | Processed yarns & threads                                   | 6.6%              | 2.3%              | (1.0%)            | 2.6%             | 0.7%             | 1.8%              | 1.3%              |
| 0326               | Yarns   | 6.7%              | 2.4%              | (1.1%)            | 2.6%             | 0.7%             | 1.8%              | 1.3%              |
| 0327               | Thread  | 0.2%              | 0.7%              | 0.0%              | 0.3%             | 0.5%             | 3.0%              | 2.6%              |
| 033                | Greige fabrics  | 3.3%              | 0.3%              | (1.4%)            | 0.7%             | 0.1%             | 1.2%              | 0.9%              |
| 0337               | Greige broadwoven fabrics                                   | 2.4%              | 0.9%              | (0.6%)            | 0.9%             | 0.3%             | 1.8%              | 0.9%              |
| 0338               | Greige knit fabrics   | 1.4%              | 0.8%              | (3.0%)            | (0.3%)           | (0.4%)           | 1.0%              | 1.6%              |
| 034                | Finished fabrics  | 3.9%              | (0.3%)            | 0.1%              | 1.2%             | 1.1%             | 1.7%              | 1.3%              |
| 0342               | Finished broadwoven fabrics                                 | 2.6%              | (0.4%)            | 0.6%              | 0.9%             | 0.1%             | 1.9%              | 1.4%              |
| 0344               | Woven & braided narrow fabrics                              | 1.7%              | 4.8%              | 3.7%              | 3.4%             | 4.5%             | 3.5%              | 2.3%              |
| 0345               | Nonwoven fabrics & felts                                    | 7.0%              | (3.3%)            | (1.3%)            | 0.7%             | 1.3%             | 1.1%              | 1.1%              |
| 0346               | Coated fabrics, not rubberized                              | 3.8%              | 2.1%              | (0.8%)            | 1.7%             | 1.1%             | 1.3%              | 2.2%              |
| 0347               | Screen printed textile materials, embroideries & lace goods | 2.0%              | 1.0%              | 1.0%              | 1.3%             | 0.9%             | 0.9%              | 1.0%              |
| 0348               | Knit fabrics, finished in knitting mills                    | 0.7%              | 2.4%              | 0.0%              | 1.1%             | 1.4%             | 2.1%              | -                 |
| 038                | Apparel & other fabricated textile prods                    | 1.3%              | 1.7%              | 0.0%              | 1.0%             | 1.4%             | 1.6%              | 1.0%              |
| 0381               | Apparel   | 0.8%              | 2.9%              | (0.4%)            | 1.1%             | 0.8%             | 1.2%              | 0.7%              |
| 0382               | Textile house furnishings                                   | 0.2%              | 1.7%              | 1.4%              | 1.1%             | 3.2%             | 2.8%              | 1.6%              |
| 0383               | Industrial & other fabricated products                      | 2.3%              | (0.1%)            | (0.2%)            | 0.7%             | 0.8%             | 1.7%              | 1.4%              |
| 039                | Miscellaneous textile products/services                     | (0.3%)            | 3.2%              | (0.9%)            | 0.7%             | (0.7%)           | 0.6%              | 1.1%              |
| 0391               | Textile materials n.e.c. & processed textile waste          | -                 | 4.0%              | (6.0%)            | -                | -                | -                 | -                 |
| 0393               | Textile & fabric finishing, except broadwoven               | -                 | 2.7%              | 2.5%              | -                | -                | -                 | -                 |
| 04                 | HIDES, SKINS, LEATHER & RELATED PRODUCTS                    | (9.8%)            | (3.1%)            | (1.1%)            | (4.7%)           | (5.1%)           | (0.1%)            | 0.7%              |
| 041                | Hides & skins, incl. cattle                                 | (25.3%)           | (8.7%)            | (2.5%)            | (12.7%)          | (14.2%)          | (2.3%)            | (0.1%)            |
| 042                | Leather   | (13.6%)           | (7.8%)            | (2.1%)            | (7.9%)           | (8.1%)           | (2.3%)            | 0.3%              |
| 043                | Footwear  | 0.2%              | 2.1%              | 0.1%              | 0.8%             | 1.7%             | 2.5%              | 1.7%              |
| 0431               | Men's nonathletic footwear                                  | 0.4%              | 1.3%              | 1.1%              | 0.9%             | 1.6%             | 2.7%              | 1.9%              |
| 0432               | Women's nonathletic footwear                                | 0.0%              | 3.2%              | (2.3%)            | 0.3%             | 1.8%             | 1.9%              | 1.3%              |
| 0439               | Other footwear including slippers                           | (0.4%)            | 4.4%              | 0.4%              | 1.4%             | 2.3%             | 2.4%              | -                 |
| 044                | Other leather & related products                            | 2.2%              | 1.2%              | 0.1%              | 1.2%             | 2.0%             | 2.0%              | 1.5%              |
| 0441               | Luggage & small leather goods                               | 3.1%              | 1.8%              | (0.5%)            | 1.5%             | 1.8%             | 1.7%              | 1.4%              |
| 0445               | Leather & leather-like goods, n.e.c.                        | 1.1%              | 0.2%              | 1.0%              | 0.8%             | 2.6%             | 2.4%              | 1.6%              |
| 05                 | FUELS & RELATED PRODUCTS & POWER                            | 4.2%              | 10.4%             | 8.3%              | 7.6%             | (2.9%)           | 2.0%              | 4.8%              |
| 051                | Coal  | 2.8%              | 1.7%              | 2.0%              | 2.1%             | (0.5%)           | 1.7%              | 4.0%              |
| 0511               | Anthracite  | 6.2%              | 1.9%              | (4.3%)            | 1.2%             | (0.1%)           | 0.2%              | 3.2%              |
| 0512               | Bituminous coal & Lignite                                   | 2.8%              | 1.7%              | 2.0%              | 2.2%             | (0.5%)           | 1.7%              | 4.0%              |
| 053                | Gas fuels   | 49.1%             | (5.8%)            | 41.6%             | 25.7%            | 1.2%             | (0.1%)            | 5.4%              |
| 0531               | Natural gas   | 60.6%             | (9.8%)            | 50.8%             | 29.8%            | 4.6%             | (1.7%)            | 4.7%              |
| 0532               | Liquefied petroleum gas                                     | (11.3%)           | 13.7%             | 8.2%              | 3.0%             | (14.0%)          | (0.1%)            | 5.0%              |
| 055                | Utility natural gas   | 17.4%             | 2.6%              | 7.5%              | 9.0%             | 3.6%             | (0.4%)            | 3.7%              |
| 0551               | Residential natural gas                                     | 1.8%              | 5.2%              | 7.8%              | 4.9%             | 1.0%             | (1.4%)            | 2.9%              |

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| 0552               | Commercial natural gas   | 5.9%              | 5.0%              | 7.2%              | 6.0%             | 1.5%             | (2.0%)            | 3.1%              |
| 0553               | Industrial natural gas   | 9.5%              | 3.6%              | 4.8%              | 6.0%             | (0.1%)           | (3.6%)            | 2.6%              |
| 0554               | Natural gas to electric power  | 42.1%             | (1.4%)            | 7.8%              | 14.7%            | 7.6%             | 2.1%              | 5.5%              |
| 056                | Crude petroleum (domestic production)                                      | (10.3%)           | 14.5%             | 47.3%             | 14.8%            | (11.8%)          | 3.4%              | 8.9%              |
| 057                | Petroleum products, refined  | (3.9%)            | 24.3%             | 11.6%             | 10.1%            | (8.0%)           | 3.4%              | 7.7%              |
| 0571               | Gasoline   | (13.0%)           | 16.9%             | 12.5%             | 4.6%             | (10.1%)          | 3.2%              | 6.8%              |
| 0572               | Kerosene & jet fuels   | 2.2%              | 25.9%             | 15.2%             | 14.0%            | (7.6%)           | 1.1%              | 9.1%              |
| 0573               | Light fuel oils  | 5.0%              | 40.1%             | 16.6%             | 19.7%            | (5.9%)           | 3.1%              | 9.1%              |
| 0574               | Residual fuels (heavy fuel oils, incl. #5, #6 & other residual fuels)      | (10.3%)           | 66.7%             | 22.1%             | 22.2%            | (8.4%)           | 4.1%              | 8.0%              |
| 0576               | Finished lubricants  | 7.5%              | 3.8%              | 1.1%              | 4.1%             | 1.2%             | 1.8%              | 6.6%              |
| 0578               | Lubricating oil base stocks  | 8.2%              | 19.2%             | (7.8%)            | 6.0%             | (8.6%)           | -                 | -                 |
| 058                | Asphalt & other petroleum & coal products, n.e.c.                          | 27.6%             | 23.6%             | (20.4%)           | 7.9%             | (1.2%)           | 4.2%              | 8.3%              |
| 0581               | Asphalt & other petroleum & coal products, n.e.c.                          | 27.6%             | 23.6%             | (20.4%)           | 7.9%             | (1.2%)           | 4.2%              | 8.3%              |
| 06                 | CHEMICALS & ALLIED PRODUCTS  | 1.1%              | 7.2%              | 2.5%              | 3.5%             | 1.1%             | 2.4%              | 3.6%              |
| 061                | Industrial chemicals   | (3.4%)            | 12.8%             | 2.5%              | 3.8%             | (2.4%)           | 1.5%              | 4.0%              |
| 0613               | Basic inorganic chemicals  | 6.0%              | 5.4%              | (3.6%)            | 2.5%             | 0.5%             | (0.6%)            | 4.5%              |
| 0614               | Basic organic chemicals  | (4.9%)            | 14.3%             | 3.9%              | 4.2%             | (2.9%)           | 2.2%              | 3.9%              |
| 062                | Paints & allied products   | 5.2%              | 2.6%              | 0.4%              | 2.7%             | 0.8%             | 2.0%              | 3.2%              |
| 0621               | Prepared paint   | 6.0%              | 2.1%              | (0.3%)            | 2.6%             | 1.2%             | 2.2%              | 3.2%              |
| 0622               | Paint materials  | 3.2%              | 4.1%              | 3.0%              | 3.4%             | (0.5%)           | 1.2%              | 2.9%              |
| 0623               | Allied & miscellaneous paint products                                      | 3.3%              | 3.0%              | (0.8%)            | 1.8%             | 0.5%             | 2.2%              | 3.7%              |
| 063                | Drugs & pharmaceuticals  | 3.8%              | 5.5%              | 6.3%              | 5.2%             | 6.0%             | 5.3%              | 4.4%              |
| 0631               | Medicinal & botanical chemicals, drugs & other products                    | 4.2%              | (0.3%)            | (0.8%)            | 1.0%             | 0.1%             | 1.1%              | 1.5%              |
| 0634               | Veterinary pharmaceutical preparations                                     | 0.2%              | 0.8%              | 0.8%              | 0.6%             | 2.6%             | 1.9%              | 1.4%              |
| 0637               | Biological products, including diagnostics                                 | 2.2%              | (1.1%)            | 2.7%              | 1.2%             | 1.4%             | 2.4%              | 2.5%              |
| 0638               | Pharmaceutical preparations  | 4.3%              | 7.2%              | 7.6%              | 6.3%             | 7.5%             | 6.4%              | -                 |
| 064                | Fats & oils, inedible  | (14.1%)           | (2.6%)            | 21.8%             | 0.6%             | (6.1%)           | (1.5%)            | 2.8%              |
| 0641               | Fats & oils, inedible  | (14.1%)           | (2.6%)            | 21.8%             | 0.6%             | (6.1%)           | (1.5%)            | 2.8%              |
| 065                | Agricultural chemicals & chemical products                                 | 10.6%             | 3.0%              | (11.9%)           | 0.1%             | 0.1%             | (2.0%)            | 3.0%              |
| 0651               | Mixed fertilizers  | 8.9%              | 3.1%              | (9.2%)            | 0.7%             | 0.2%             | (2.7%)            | 2.6%              |
| 0652               | Fertilizer materials   | 16.7%             | 7.0%              | (23.5%)           | (1.5%)           | (0.7%)           | (4.0%)            | 4.2%              |
| 0653               | Other agricultural chemicals   | 4.3%              | (0.1%)            | (1.5%)            | 0.9%             | 0.5%             | 0.6%              | 1.2%              |
| 066                | Plastic resins & materials   | 1.5%              | 11.4%             | (1.5%)            | 3.7%             | (0.2%)           | 2.3%              | 3.8%              |
| 0662               | Thermoplastic resins & plastics material                                   | 0.7%              | 13.3%             | (1.9%)            | 3.9%             | (0.3%)           | 2.5%              | 4.0%              |
| 0663               | Thermosetting resins & plastics material                                   | 6.6%              | 1.4%              | 0.5%              | 2.8%             | 0.5%             | 1.2%              | 2.9%              |
| 067                | Other chemicals & allied products  | 2.3%              | 1.5%              | 1.3%              | 1.7%             | 1.3%             | 1.3%              | 2.1%              |
| 0671               | Soaps & other detergents   | 1.6%              | 0.3%              | 1.0%              | 1.0%             | 0.4%             | 0.9%              | 1.9%              |
| 0672               | Polish & other sanitation goods  | 6.9%              | 3.4%              | 0.2%              | 3.5%             | 2.5%             | 1.4%              | 1.8%              |
| 0675               | Cosmetics & other toilet preparations                                      | 1.9%              | 0.1%              | 0.7%              | 0.9%             | 1.2%             | 1.1%              | 1.1%              |
| 0679               | Misc. chemical prod. & preparations  | 1.9%              | 2.5%              | 1.9%              | 2.1%             | 1.6%             | 1.6%              | 2.9%              |
| 07                 | RUBBER & PLASTIC PRODUCTS  | 3.1%              | 3.1%              | 0.3%              | 2.2%             | 0.8%             | 1.5%              | 2.4%              |
| 071                | Rubber & rubber products   | 2.8%              | 0.9%              | 1.1%              | 1.6%             | (0.2%)           | 1.1%              | 2.3%              |
| 0711               | Synthetic rubber, inc. styrene-butadiene rubber (SBR) & ethylene propylene | 8.2%              | (2.9%)            | 5.6%              | 3.5%             | (1.0%)           | (0.5%)            | 3.1%              |
| 0712               | Tires, tubes, tread & repair materials                                     | 1.2%              | 1.9%              | 0.3%              | 1.1%             | (0.7%)           | 1.2%              | 2.4%              |
| 0713               | Miscellaneous rubber products  | 2.3%              | 1.8%              | (0.3%)            | 1.3%             | 0.7%             | 1.8%              | 1.9%              |
| 072                | Plastic products   | 3.3%              | 3.8%              | 0.0%              | 2.4%             | 1.2%             | 1.6%              | 2.5%              |
| 0721               | Plastic construction products  | 2.7%              | 4.6%              | 0.1%              | 2.5%             | 2.0%             | 2.0%              | 3.1%              |
| 0722               | Unsupported plastic film, sheet & other shapes                             | 0.6%              | 5.4%              | 0.7%              | 2.2%             | 0.7%             | 1.2%              | 2.9%              |
| 0723               | Laminated plastic sheets, rods & tubes                                     | 2.0%              | 1.2%              | 1.0%              | 1.4%             | 1.5%             | 1.6%              | 1.8%              |
| 0726               | Parts for manufacturing from plastics                                      | 1.7%              | 1.7%              | (0.2%)            | 1.1%             | 0.7%             | 1.2%              | 1.4%              |
| 0729               | Other plastic products   | 5.9%              | 2.1%              | 0.8%              | 2.9%             | 1.2%             | 2.7%              | 2.9%              |
| 072A               | Packaging products from plastics   | 6.1%              | 4.3%              | (0.5%)            | 3.3%             | 0.6%             | 0.9%              | -                 |
| 072B               | Consumer, institutional & commercial products, n.e.c.                      | 3.2%              | 5.5%              | (0.4%)            | 2.7%             | 1.8%             | 2.1%              | -                 |

**BLS Producer Price Index (PPI) Table 9 Historical Inflation Averages Through 2018 for Selected Commodities**

| PPI Commodity Code | PPI Commodity Description   | Dec '18 ÷ Dec '17 | Dec '17 / Dec '16 | Dec '16 / Dec '15 | 3 Year Avg 12/18 | 5 Year Avg 12/18 | 10 Year Avg 12/18 | 20 Year Avg 12/18 |
|--------------------|---|-------------------|-------------------|-------------------|------------------|------------------|-------------------|-------------------|
| 072C               | Recyclable plastics   | 2.4%              | 0.9%              | (7.4%)            | (1.5%)           | (3.9%)           | -                 | -                 |
| 08                 | LUMBER & WOOD PRODUCTS  | 1.1%              | 4.9%              | 2.0%              | 2.7%             | 1.8%             | 2.4%              | 1.5%              |
| 081                | Lumber  | (4.9%)            | 8.5%              | 6.6%              | 3.2%             | 0.7%             | 3.3%              | 1.0%              |
| 0811               | Softwood lumber   | (8.8%)            | 13.6%             | 8.8%              | 4.1%             | 1.3%             | 3.8%              | 1.0%              |
| 0812               | Hardwood lumber   | 2.1%              | 1.3%              | 3.6%              | 2.3%             | 0.1%             | 2.6%              | 1.3%              |
| 082                | Millwork  | 4.3%              | 3.8%              | 1.8%              | 3.3%             | 2.8%             | 2.4%              | 2.1%              |
| 0821               | General millwork  | 2.6%              | 2.0%              | 1.5%              | 2.0%             | 2.2%             | 1.9%              | 1.9%              |
| 0822               | Prefabricated structural members                                    | 12.8%             | 12.1%             | 3.2%              | 9.3%             | 6.0%             | 4.9%              | 3.0%              |
| 083                | Plywood   | (1.5%)            | 15.7%             | (3.8%)            | 3.1%             | 2.0%             | 2.4%              | 1.4%              |
| 0831               | Softwood veneer & plywood   | (5.8%)            | 24.7%             | (5.2%)            | 3.7%             | 1.3%             | 3.0%              | 1.3%              |
| 0835               | Hardwood veneer & plywood   | 6.1%              | 5.1%              | (1.9%)            | 3.0%             | 3.3%             | 1.8%              | -                 |
| 084                | Other wood products   | 5.9%              | 2.3%              | (0.3%)            | 2.6%             | 2.3%             | 1.6%              | 1.3%              |
| 0841               | Wood pallets & pallet containers, wood & metal combination          | 8.9%              | 3.6%              | (0.4%)            | 4.0%             | 3.6%             | 2.9%              | 2.1%              |
| 0842               | Wood boxes  | 2.7%              | 1.1%              | 0.3%              | 1.4%             | 1.0%             | 1.6%              | 1.6%              |
| 0849               | Miscellaneous wood products   | 4.1%              | 1.6%              | (0.2%)            | 1.8%             | 1.5%             | 0.7%              | 0.8%              |
| 085                | Logs, bolts, timber, pulpwood, woodchips & other roundwood products | 2.9%              | 0.1%              | 0.9%              | 1.3%             | 0.6%             | 1.8%              | 1.1%              |
| 0851               | Logs, bolts, timber, pulpwood, woodchips & other roundwood products | 2.9%              | 0.1%              | 0.9%              | 1.3%             | 0.6%             | 1.8%              | 1.1%              |
| 086                | Prefabricated wood buildings & components                           | 4.4%              | 3.9%              | 1.9%              | 3.4%             | 2.7%             | 2.0%              | 2.6%              |
| 0861               | Prefabricated wood buildings & components                           | 4.4%              | 3.9%              | 1.9%              | 3.4%             | 2.7%             | 2.0%              | 2.6%              |
| 087                | Treated wood & contract wood preserving                             | 0.8%              | 2.3%              | (0.9%)            | 0.7%             | 1.1%             | 2.4%              | 1.3%              |
| 0871               | Treated wood & contract wood preserving                             | 0.8%              | 2.3%              | (0.9%)            | 0.7%             | 1.1%             | 2.4%              | 1.3%              |
| 09                 | PULP,PAPER & ALLIED PRODUCTS  | 2.5%              | 2.4%              | 1.0%              | 2.0%             | 1.0%             | 1.4%              | 2.2%              |
| 091                | Pulp, paper & prod., ex. bldg. paper                                | 3.1%              | 3.0%              | 1.3%              | 2.5%             | 1.0%             | 1.5%              | 2.5%              |
| 0911               | Woodpulp  | 14.3%             | 14.6%             | (4.2%)            | 7.9%             | 3.8%             | 3.1%              | 3.5%              |
| 0912               | Wastepaper  | (19.9%)           | (6.5%)            | 33.3%             | (0.1%)           | (4.0%)           | 3.9%              | 4.5%              |
| 0913               | Paper   | 6.9%              | 1.8%              | (0.4%)            | 2.7%             | 1.2%             | 0.6%              | 1.7%              |
| 0914               | Paperboard  | 4.2%              | 10.2%             | 0.0%              | 4.7%             | 2.2%             | 2.0%              | 3.3%              |
| 0915               | Converted paper & paperboard products                               | 2.2%              | 1.4%              | 1.5%              | 1.7%             | 0.8%             | 1.5%              | 2.4%              |
| 0916               | Pressure-sensitive products   | 5.4%              | 0.7%              | (0.4%)            | 1.9%             | 0.7%             | 1.0%              | 1.7%              |
| 092                | Building paper & building board mill prods.                         | (9.9%)            | 8.7%              | 5.4%              | 1.1%             | 1.5%             | 2.3%              | 2.2%              |
| 0922               | Hardboard, particleboard & fiberboard prods.                        | (10.0%)           | 8.9%              | 5.5%              | 1.1%             | 1.5%             | 2.3%              | 2.1%              |
| 094                | Publications, printed matter & printing material                    | 2.2%              | 0.5%              | 0.1%              | 0.9%             | 0.7%             | -                 | -                 |
| 0944               | Books printing  | 3.3%              | (0.7%)            | (0.3%)            | 0.7%             | 1.2%             | 1.3%              | -                 |
| 0945               | Manifold business forms   | 6.8%              | 2.3%              | (1.7%)            | 2.4%             | 2.4%             | 2.4%              | -                 |
| 0947               | Commercial printing   | 1.9%              | 0.1%              | 0.2%              | 0.7%             | 0.4%             | 0.2%              | -                 |
| 0948               | Blankbooks, binders & bookbinding work                              | 3.2%              | 5.3%              | 1.1%              | 3.2%             | 3.2%             | 2.9%              | -                 |
| 10                 | METALS & METAL PRODUCTS   | 7.3%              | 5.6%              | 6.0%              | 6.3%             | 1.2%             | 1.8%              | 3.0%              |
| 101                | Iron & steel  | 15.2%             | 8.3%              | 14.6%             | 12.7%            | 1.0%             | 2.4%              | 3.8%              |
| 1011               | Iron ores   | 10.8%             | 5.3%              | (0.6%)            | 5.1%             | 2.0%             | (0.3%)            | 2.0%              |
| 1012               | Iron & steel scrap  | 16.4%             | 17.2%             | 65.8%             | 31.3%            | (2.2%)           | 7.5%              | 7.6%              |
| 1015               | Foundry & forge shop products                                       | 2.3%              | 0.3%              | (0.9%)            | 0.6%             | 0.3%             | 1.1%              | 2.3%              |
| 1017               | Steel mill products   | 18.2%             | 7.7%              | 9.3%              | 11.6%            | 2.4%             | 1.5%              | 3.6%              |
| 102                | Nonferrous metals   | 0.0%              | 9.9%              | 8.7%              | 6.1%             | 0.5%             | 2.6%              | 3.7%              |
| 1021               | Nonferrous metal ores   | (0.7%)            | 18.3%             | 16.4%             | 11.0%            | 1.7%             | 6.0%              | 8.8%              |
| 1022               | Primary nonferrous metals   | (3.0%)            | 3.3%              | 21.1%             | 6.6%             | (0.8%)           | 0.3%              | 3.2%              |
| 1023               | Nonferrous scrap  | (3.9%)            | 16.6%             | 11.5%             | 7.7%             | (1.0%)           | 5.5%              | 5.3%              |
| 1024               | Secondary nonferrous metals   | (1.2%)            | 9.0%              | 7.8%              | 5.1%             | 0.7%             | 2.5%              | 3.9%              |
| 1025               | Nonferrous mill shapes  | 2.9%              | 9.5%              | 7.9%              | 6.7%             | 1.6%             | 1.9%              | 2.4%              |
| 1026               | Nonferrous wire & cable   | 1.6%              | 5.8%              | 2.2%              | 3.2%             | (0.2%)           | 1.9%              | 3.1%              |
| 1027               | Nonferrous forge shop products                                      | 3.5%              | (2.4%)            | 1.4%              | 0.8%             | 0.3%             | (0.5%)            | 0.5%              |
| 1028               | Nonferrous foundry shop products                                    | 0.8%              | 3.3%              | 0.5%              | 1.5%             | 0.4%             | 0.7%              | 2.1%              |
| 103                | Metal containers  | 6.5%              | 4.9%              | (2.0%)            | 3.1%             | 1.4%             | 0.9%              | 2.1%              |
| 1031               | Metal cans & can components   | 4.4%              | 5.5%              | (3.9%)            | 1.9%             | 0.7%             | 0.9%              | 1.7%              |
| 1032               | Barrels, drums, pails & other metal containers                      | 15.3%             | 2.6%              | 5.3%              | 7.6%             | 4.3%             | 1.3%              | 3.7%              |
| 104                | Hardware  | 3.4%              | 1.8%              | 0.5%              | 1.9%             | 1.6%             | 1.2%              | 2.1%              |
| 1041               | Hardware, n.e.c.  | 3.9%              | 1.9%              | 0.3%              | 2.0%             | 1.9%             | 1.3%              | 2.2%              |

**BLS Producer Price Index (PPI) Table 9 Historical Inflation Averages Through 2018 for Selected Commodities**

| PPI Commodity Code | PPI Commodity Description   | Dec '18 ÷ Dec '17 | Dec '17 / Dec '16 | Dec '16 / Dec '15 | 3 Year Avg 12/18 | 5 Year Avg 12/18 | 10 Year Avg 12/18 | 20 Year Avg 12/18 |
|--------------------|---|-------------------|-------------------|-------------------|------------------|------------------|-------------------|-------------------|
| 1042               | H& edge tools   | 2.6%              | 1.5%              | 0.8%              | 1.7%             | 1.1%             | 1.1%              | 1.9%              |
| 105                | Plumbing fixtures & fittings  | 4.6%              | 2.1%              | 0.2%              | 2.3%             | 2.2%             | 1.9%              | 2.3%              |
| 1054               | Plumbing fixture fittings & trim  | 6.2%              | 2.4%              | 0.2%              | 2.9%             | 2.4%             | 2.1%              | 2.5%              |
| 1056               | Enameled iron & metal sanitary ware   | 1.6%              | 1.6%              | (0.2%)            | 1.0%             | -                | 1.7%              | 2.8%              |
| 106                | Heating equipment   | 5.3%              | 1.9%              | 1.5%              | 2.9%             | 2.5%             | 2.3%              | 2.9%              |
| 1061               | Steam & hot water equipment   | 3.4%              | 2.2%              | 0.6%              | 2.1%             | 1.8%             | 2.1%              | 3.3%              |
| 1062               | Floor & wall furnaces & heaters, including parts  | 5.3%              | 0.8%              | (0.7%)            | 1.8%             | 1.6%             | 1.7%              | 1.9%              |
| 1063               | Other heating equipment, non-electric, including parts                                  | 4.3%              | 1.4%              | 3.0%              | 2.9%             | 2.4%             | 2.2%              | 2.3%              |
| 1064               | Domestic heating stoves   | 1.6%              | 4.1%              | (1.4%)            | 1.4%             | 2.3%             | 2.0%              | 2.5%              |
| 1066               | Domestic water heaters  | 8.4%              | 2.0%              | 5.8%              | 5.3%             | 3.9%             | 3.2%              | 5.0%              |
| 107                | Fabricated structural metal products  | 8.0%              | 2.0%              | 1.2%              | 3.7%             | 2.2%             | 1.1%              | 2.6%              |
| 1071               | Metal doors, sash & trim  | 6.9%              | 4.5%              | 2.2%              | 4.5%             | 3.3%             | 2.4%              | 2.5%              |
| 1072               | Metal tanks   | 9.6%              | (7.8%)            | 0.2%              | 0.4%             | 0.5%             | 0.0%              | 2.3%              |
| 1073               | Sheet metal products  | 7.1%              | 1.8%              | 1.3%              | 3.4%             | 2.3%             | 1.1%              | 2.2%              |
| 1074               | Structural, architectural & pre-engineered metal products                               | 9.0%              | 2.9%              | 0.8%              | 4.2%             | 2.0%             | 0.8%              | 2.6%              |
| 1075               | Heat exchangers & steam condensers (except for nuclear applications)                    | 5.9%              | 0.9%              | 0.2%              | 2.3%             | 2.8%             | 1.9%              | 3.1%              |
| 1076               | Fabricated steel plate  | 2.0%              | 1.2%              | 0.7%              | 1.3%             | 0.8%             | (0.1%)            | 2.2%              |
| 1077               | Stationary & marine power boilers   | 7.2%              | 0.5%              | 0.5%              | 2.6%             | 1.7%             | 1.6%              | 2.9%              |
| 1079               | Prefabricated metal buildings   | 11.7%             | 3.1%              | 3.0%              | 5.8%             | 4.1%             | 2.5%              | 4.8%              |
| 108                | Miscellaneous metal products  | 5.0%              | 1.3%              | (0.4%)            | 1.9%             | 0.9%             | 0.9%              | 1.6%              |
| 1081               | Bolts, nuts, screws, rivets & washers   | 4.5%              | 0.3%              | 0.7%              | 1.8%             | 1.4%             | 0.9%              | 2.2%              |
| 1083               | Lighting fixtures   | 5.5%              | 1.5%              | 0.4%              | 2.5%             | 1.9%             | 1.5%              | 1.4%              |
| 1085               | Ammunition, except for small arms   | 1.5%              | (0.7%)            | 2.6%              | 1.1%             | 1.0%             | 3.6%              | 2.6%              |
| 1086               | Ordnance & accessories, n.e.c.  | (1.0%)            | 2.9%              | 1.1%              | 1.0%             | -                | 0.5%              | 1.7%              |
| 1088               | Fabricated ferrous wire products  | 16.3%             | 1.2%              | (1.7%)            | 5.0%             | 3.1%             | 2.1%              | 3.5%              |
| 1089               | Other miscellaneous metal products  | 4.2%              | 1.3%              | (0.6%)            | 1.6%             | 0.6%             | 0.6%              | 1.4%              |
| 11                 | MACHINERY & EQUIPMENT   | 2.5%              | 0.9%              | 0.0%              | 1.1%             | 0.9%             | 0.8%              | 0.6%              |
| 111                | Agricultural machinery & equipment  | 3.5%              | 0.7%              | 1.3%              | 1.8%             | 1.5%             | 1.8%              | 2.3%              |
| 1114               | Agricultural machinery & equipment  | 3.5%              | 0.7%              | 1.2%              | 1.8%             | 1.5%             | 1.8%              | -                 |
| 112                | Construction machinery & equipment  | 3.4%              | 0.9%              | 1.0%              | 1.7%             | 1.6%             | 1.9%              | 2.3%              |
| 112A               | Tractors & attachments, ex. parts   | 3.8%              | 0.6%              | 1.1%              | 1.8%             | 1.4%             | 1.8%              | -                 |
| 112B               | Power cranes, draglines & shovels (including surface mining equipment), excluding parts | 2.1%              | 1.3%              | 0.3%              | 1.2%             | 1.2%             | 1.4%              | -                 |
| 112C               | Mixers, pavers & related equipment (excluding parts)                                    | 7.7%              | 0.8%              | 3.5%              | 4.0%             | 2.7%             | 2.2%              | -                 |
| 112D               | Off-highway, equipment, ex. parts   | 1.9%              | 0.6%              | 1.1%              | 1.2%             | 1.4%             | 2.6%              | -                 |
| 112J               | Misc. construction machinery & equipment  | 3.9%              | 0.6%              | 1.2%              | 1.9%             | 2.2%             | 2.1%              | -                 |
| 112K               | Parts for construction machinery & equipment, sold separately                           | 4.2%              | 1.8%              | 0.1%              | 2.0%             | 1.3%             | -                 | -                 |
| 113                | Metalworking machinery & equipment  | 2.9%              | 1.3%              | 0.3%              | 1.5%             | 1.3%             | 1.3%              | 1.4%              |
| 1132               | Power-driven handtools, including parts & attachments                                   | 1.1%              | 1.5%              | 0.9%              | 1.2%             | 1.6%             | 1.2%              | 1.1%              |
| 1133               | Welding machines & equipment  | 5.7%              | 3.1%              | 1.3%              | 3.4%             | 2.6%             | 2.4%              | 3.2%              |
| 1134               | Industrial process furnaces & ovens   | 2.5%              | 0.9%              | (0.2%)            | 1.1%             | 1.5%             | 1.3%              | 1.6%              |
| 1135               | Cutting tools & accessories   | 3.1%              | 0.7%              | 0.5%              | 1.4%             | 1.6%             | 1.6%              | 1.7%              |
| 1136               | Abrasive products   | 2.3%              | 1.8%              | 1.0%              | 1.7%             | 1.7%             | 1.8%              | 1.8%              |
| 1137               | Metal cutting machine tools   | 1.1%              | 0.5%              | 0.2%              | 0.6%             | 0.8%             | 1.5%              | 1.2%              |
| 1138               | Metal forming machine tools   | 1.4%              | 1.4%              | 0.3%              | 1.1%             | 1.1%             | 1.3%              | 1.8%              |
| 1139               | Tools, dies, jigs, fixtures & ind. molds  | 2.9%              | 0.9%              | (0.1%)            | 1.2%             | 0.7%             | 0.6%              | 0.6%              |
| 113A               | Metalworking machinery n. e. c.   | 1.2%              | 1.7%              | 1.1%              | 1.3%             | 1.6%             | 1.1%              | 1.6%              |
| 113B               | Rolling mill machinery  | 11.6%             | 0.6%              | (6.8%)            | 1.5%             | 0.9%             | 0.6%              | 2.5%              |
| 114                | General purpose machinery & equipment   | 4.2%              | 2.0%              | 0.9%              | 2.4%             | 2.0%             | 2.0%              | 2.5%              |
| 1141               | Pumps, compressors & equipment  | 4.4%              | 2.5%              | 0.8%              | 2.6%             | 2.4%             | 2.3%              | 2.9%              |
| 1142               | Elevators, escalators & other lifts   | 2.6%              | 2.7%              | 1.5%              | 2.3%             | 2.0%             | 1.3%              | 1.4%              |
| 1143               | Fluid power equipment   | 3.0%              | 1.8%              | 1.5%              | 2.1%             | 1.7%             | 2.1%              | 2.7%              |
| 1144               | Industrial material handling equipment  | 4.5%              | 1.7%              | 1.0%              | 2.4%             | 2.4%             | 2.0%              | 2.7%              |

**BLS Producer Price Index (PPI) Table 9 Historical Inflation Averages Through 2018 for Selected Commodities**

| PPI Commodity Code | PPI Commodity Description   | Dec '18 ÷ Dec '17 | Dec '17 / Dec '16 | Dec '16 / Dec '15 | 3 Year Avg 12/18 | 5 Year Avg 12/18 | 10 Year Avg 12/18 | 20 Year Avg 12/18 |
|--------------------|---|-------------------|-------------------|-------------------|------------------|------------------|-------------------|-------------------|
| 1145               | Mechanical power transmission equipment   | 4.3%              | 1.6%              | (0.2%)            | 1.9%             | 1.5%             | 1.8%              | 2.8%              |
| 1146               | Scales & balances   | 9.8%              | 2.5%              | 2.7%              | 4.9%             | 4.0%             | 3.1%              | 2.3%              |
| 1147               | Air purification equipment & industrial & commercial fans & blowers                     | 4.6%              | 0.9%              | 0.5%              | 2.0%             | 2.3%             | 1.7%              | 2.3%              |
| 1148               | Air conditioning & refrigeration equip  | 5.2%              | 2.0%              | 1.2%              | 2.8%             | 2.1%             | 1.6%              | 1.8%              |
| 1149               | Miscellaneous general purpose equipment   | 3.7%              | 2.1%              | 0.7%              | 2.2%             | 1.8%             | 2.3%              | 2.8%              |
| 115                | Electronic computers & computer equipment   | (1.1%)            | (1.1%)            | (3.8%)            | (2.0%)           | (2.5%)           | (3.6%)            | (6.3%)            |
| 1151               | Electronic computers  | (5.5%)            | (4.7%)            | (4.5%)            | (4.9%)           | (4.5%)           | (7.6%)            | (14.1%)           |
| 1152               | Computer storage devices  | 0.2%              | (2.4%)            | 0.9%              | (0.4%)           | (1.3%)           | (2.4%)            | (9.6%)            |
| 1154               | Computer peripheral equipment & parts   | 0.0%              | 5.9%              | (5.9%)            | (0.1%)           | (1.1%)           | (0.4%)            | (0.7%)            |
| 116                | Special industry machinery & equipment  | 2.1%              | 1.0%              | 1.1%              | 1.4%             | 1.4%             | 0.9%              | 1.3%              |
| 1161               | Food products machinery   | 3.7%              | 1.7%              | 2.0%              | 2.5%             | 2.2%             | 2.1%              | 2.7%              |
| 1162               | Textile machinery & equipment   | 0.4%              | (0.1%)            | (2.1%)            | (0.6%)           | (0.2%)           | 0.3%              | 0.6%              |
| 1163               | Sawmill & woodworking machinery   | 11.0%             | 1.9%              | 2.8%              | 5.2%             | 5.3%             | 3.3%              | 2.4%              |
| 1164               | Paper industries machinery  | 1.7%              | 0.1%              | 0.6%              | 0.8%             | 1.2%             | 1.5%              | 1.6%              |
| 1165               | Printing trades machinery & equipment   | 1.3%              | (0.2%)            | 0.0%              | 0.4%             | 0.5%             | 0.8%              | 0.8%              |
| 1166               | Other special industry machinery  | 1.0%              | 1.2%              | 0.6%              | 0.9%             | 0.7%             | (0.1%)            | 0.5%              |
| 1167               | Packing, packaging & bottling machinery & parts   | 4.1%              | 1.1%              | 1.1%              | 2.1%             | 2.5%             | 2.5%              | 2.5%              |
| 1168               | Service industry machinery & parts  | 2.3%              | 0.9%              | 2.0%              | 1.8%             | 2.0%             | 1.6%              | 2.1%              |
| 1169               | Commercial laundry & drycleaning machinery products                                     | 3.2%              | 1.7%              | 1.0%              | 2.0%             | 2.0%             | 1.9%              | 2.6%              |
| 117                | Electrical machinery & equipment  | 1.8%              | 0.6%              | (0.6%)            | 0.6%             | 0.2%             | 0.2%              | (0.2%)            |
| 1171               | Wiring devices  | 2.0%              | 1.1%              | 0.1%              | 1.1%             | 0.6%             | 1.2%              | 2.2%              |
| 1172               | Integrating & measuring instruments   | (1.9%)            | 0.9%              | (1.0%)            | (0.7%)           | (0.5%)           | 0.7%              | 0.8%              |
| 1173               | Motors, generators, motor generator sets  | 4.0%              | 0.8%              | (0.8%)            | 1.3%             | 1.0%             | 1.8%              | 2.1%              |
| 1174               | Transformers & power regulators   | 6.2%              | 3.4%              | 2.4%              | 4.0%             | 0.7%             | 1.1%              | 2.9%              |
| 1175               | Switchgear, switchboard, industrial controls equipment                                  | 2.4%              | 1.5%              | (0.3%)            | 1.2%             | 0.8%             | 1.3%              | 2.1%              |
| 1176               | Communication & related equipment   | 2.2%              | 0.8%              | 0.2%              | 1.1%             | 0.9%             | 0.7%              | (0.0%)            |
| 1177               | Electric lamp bulbs & tubes   | 15.2%             | (7.9%)            | (6.3%)            | (0.2%)           | (2.2%)           | (0.5%)            | (0.5%)            |
| 1178               | Electronic components & accessories   | (1.5%)            | (1.3%)            | (1.5%)            | (1.4%)           | (1.4%)           | (1.6%)            | (2.1%)            |
| 1179               | Miscellaneous electrical machinery & equipment  | 5.6%              | 3.3%              | (1.3%)            | 2.5%             | 1.4%             | 0.8%              | 0.5%              |
| 118                | Miscellaneous instruments   | 1.7%              | 2.0%              | 1.7%              | 1.8%             | 1.7%             | 1.5%              | 1.6%              |
| 1181               | Automatic environmental controls for monitoring residential, commercial & appliance use | 4.6%              | 1.5%              | 2.4%              | 2.8%             | 1.3%             | 1.2%              | 1.0%              |
| 1182               | Industrial process control instruments  | 0.9%              | 1.3%              | 1.6%              | 1.3%             | 1.6%             | 1.8%              | 2.1%              |
| 1184               | Fluid meters & counting devices   | 3.7%              | 1.9%              | 2.7%              | 2.8%             | 2.8%             | 2.7%              | 2.3%              |
| 1185               | Engineering & scientific instruments  | 2.3%              | 3.5%              | 1.8%              | 2.5%             | 2.3%             | 2.0%              | 2.2%              |
| 1186               | Optical instruments & lenses  | 1.0%              | 2.0%              | 1.3%              | 1.4%             | 1.3%             | 0.9%              | 1.1%              |
| 1189               | Measuring & controlling devices, n.e.c.   | 0.9%              | 1.7%              | 1.6%              | 1.4%             | 1.3%             | 0.9%              | 0.9%              |
| 119                | Miscellaneous machinery   | 2.7%              | (0.1%)            | (0.6%)            | 0.7%             | 0.6%             | 0.9%              | 1.6%              |
| 1191               | Oil field & gas field machinery   | 1.1%              | 0.3%              | (0.7%)            | 0.2%             | 0.3%             | 0.6%              | 2.7%              |
| 1192               | Mining machinery & equipment  | 8.4%              | 0.8%              | 2.0%              | 3.7%             | 2.7%             | 3.2%              | 3.6%              |
| 1193               | Office & store machines & equipment   | (1.1%)            | (0.7%)            | 0.4%              | (0.5%)           | 0.6%             | (0.0%)            | 0.4%              |
| 1194               | Internal combustion engines   | 1.5%              | 1.0%              | (2.8%)            | (0.1%)           | 0.2%             | 0.5%              | 0.9%              |
| 1195               | Machine shop products   | 4.0%              | 0.1%              | 0.3%              | 1.5%             | 1.0%             | 1.2%              | 1.7%              |
| 1197               | Turbines & turbine generator sets   | 2.8%              | -                 | -                 | (0.9%)           | (0.4%)           | 0.4%              | 1.9%              |
| 1198               | Parts & accessories for turbines, turbine generators & turbine generator sets           | (0.1%)            | (1.3%)            | 0.4%              | (0.3%)           | -                | -                 | -                 |
| 12                 | FURNITURE & HOUSEHOLD DURABLES  | 3.9%              | 1.6%              | 0.1%              | 1.8%             | 1.5%             | 1.3%              | 1.4%              |
| 121                | Household furniture   | 2.6%              | 3.0%              | 0.6%              | 2.1%             | 1.8%             | 1.6%              | 1.9%              |
| 1211               | Metal household furniture   | (2.5%)            | 1.6%              | 3.8%              | 1.0%             | 1.9%             | 1.2%              | 1.2%              |
| 1212               | Wood household furniture  | 0.1%              | 1.8%              | 1.4%              | 1.1%             | 1.3%             | 1.7%              | 1.9%              |
| 1213               | Upholstered household furniture   | 2.1%              | 2.1%              | 0.1%              | 1.4%             | 1.3%             | 1.2%              | 1.7%              |
| 1214               | Bedding   | 5.6%              | 6.7%              | (0.4%)            | 3.9%             | 2.6%             | 1.5%              | 2.1%              |
| 1215               | Metal porch, lawn, outdoor & casual furniture   | 4.2%              | (0.4%)            | 2.5%              | 2.1%             | 2.4%             | 2.9%              | 3.3%              |
| 1216               | Nonupholstered household furniture, except wood & metal                                 | (0.5%)            | 0.8%              | 0.3%              | 0.2%             | -                | 0.5%              | 1.6%              |

**BLS Producer Price Index (PPI) Table 9 Historical Inflation Averages Through 2018 for Selected Commodities**

| PPI Commodity Code | PPI Commodity Description   | Dec '18 ÷ Dec '17 | Dec '17 / Dec '16 | Dec '16 / Dec '15 | 3 Year Avg 12/18 | 5 Year Avg 12/18 | 10 Year Avg 12/18 | 20 Year Avg 12/18 |
|--------------------|---|-------------------|-------------------|-------------------|------------------|------------------|-------------------|-------------------|
| 122                | Commercial furniture  | 5.9%              | 1.4%              | 0.8%              | 2.7%             | 2.3%             | 1.7%              | 2.0%              |
| 1221               | Wood office furniture & store fixtures                                | 2.7%              | 2.1%              | 0.0%              | 1.6%             | 1.5%             | 1.4%              | 1.6%              |
| 1222               | Nonwood furniture & store fixtures                                    | 10.2%             | 0.8%              | 1.3%              | 4.0%             | 3.1%             | 1.8%              | 2.2%              |
| 1223               | Public building furniture   | 4.8%              | 1.4%              | 0.7%              | 2.3%             | 2.1%             | 2.1%              | 2.3%              |
| 1224               | Commercial furniture & fixtures, n.e.c.                               | (1.3%)            | 1.8%              | 1.5%              | 0.7%             | 1.6%             | 1.5%              | 1.9%              |
| 123                | Floor coverings   | 4.6%              | 1.8%              | (0.8%)            | 1.8%             | 1.8%             | 1.9%              | 2.2%              |
| 1231               | Carpets & rugs  | 5.0%              | 1.8%              | (0.9%)            | 1.9%             | 1.9%             | 1.9%              | 2.2%              |
| 1232               | Resilient floor coverings   | 2.8%              | -                 | -                 | -                | -                | 1.9%              | 2.3%              |
| 124                | Household appliances  | 4.2%              | 1.1%              | (1.6%)            | 1.2%             | 0.6%             | 0.9%              | 0.5%              |
| 1241               | Major appliances  | 4.6%              | 1.2%              | (2.1%)            | 1.2%             | 0.7%             | 1.0%              | 0.5%              |
| 1243               | Household vacuum cleaners, including parts & attachments              | -                 | 1.6%              | 0.4%              | -                | -                | -                 | -                 |
| 1244               | Electric housewares & fans  | 3.1%              | 1.0%              | 0.4%              | 1.5%             | (1.4%)           | 0.4%              | 0.5%              |
| 1245               | Portable residential lighting fixtures, including parts & accessories | 2.6%              | 1.4%              | (1.4%)            | 0.9%             | 1.5%             | 2.0%              | 1.7%              |
| 125                | Home electronic equipment   | (0.2%)            | (0.2%)            | 0.8%              | 0.1%             | 0.2%             | (1.1%)            | (1.8%)            |
| 1257               | Speakers & commercial sound equipment                                 | (0.7%)            | (2.0%)            | 1.6%              | (0.4%)           | 0.0%             | 0.4%              | -                 |
| 1258               | Other home electronic equipment                                       | 0.2%              | 0.6%              | 0.2%              | 0.3%             | 0.2%             | (0.6%)            | -                 |
| 126                | Other household durable goods   | 1.9%              | 0.7%              | 0.8%              | 1.1%             | 1.2%             | 1.1%              | 1.3%              |
| 1261               | Tableware, kitchenware & other pottery                                | 4.8%              | 1.2%              | 0.8%              | 2.3%             | 2.2%             | 2.2%              | 2.0%              |
| 1265               | Mirrors (decorated & undecorated)                                     | 2.5%              | 2.0%              | 5.8%              | 3.4%             | 3.2%             | 1.2%              | 1.3%              |
| 1266               | Lawn/garden equipment   | 2.7%              | 0.1%              | 0.3%              | 1.0%             | 0.8%             | 0.4%              | 0.6%              |
| 1267               | Cutlery, flatware (except precious), razors & razor blades            | (0.4%)            | (1.2%)            | 0.2%              | (0.4%)           | 0.3%             | 1.5%              | 1.8%              |
| 1268               | Metal kitchen utensil, pots & pans                                    | 4.5%              | 1.7%              | 0.9%              | 2.3%             | 1.9%             | 1.3%              | 2.0%              |
| 1269               | Window shades, blinds & accessories                                   | (1.2%)            | 2.0%              | (0.3%)            | 0.2%             | 0.9%             | 1.6%              | 1.5%              |
| 126A               | Silverware & hollowware   | -                 | -                 | -                 | -                | -                | -                 | -                 |
| 13                 | NONMETALIC MINERAL PRODUCTS   | 4.1%              | 2.3%              | 2.0%              | 2.8%             | 2.7%             | 2.0%              | 3.1%              |
| 131                | Glass   | 2.6%              | 1.3%              | 2.3%              | 2.1%             | 2.7%             | 1.4%              | 1.1%              |
| 1311               | Flat glass  | 1.2%              | 1.4%              | 2.8%              | 1.8%             | 2.7%             | 1.3%              | 1.2%              |
| 1313               | Other finished glassware  | 6.7%              | 1.5%              | 0.9%              | 3.0%             | 2.6%             | 1.7%              | 0.9%              |
| 132                | Concrete ingredients & related products                               | 3.6%              | 3.5%              | 4.6%              | 3.9%             | 4.1%             | 2.6%              | 3.6%              |
| 1321               | Construction sand, gravel & crushed stone                             | 4.0%              | 2.9%              | 4.8%              | 3.9%             | 3.8%             | 3.0%              | 4.0%              |
| 1322               | Cement, hydraulic   | 2.5%              | 5.1%              | 4.3%              | 4.0%             | 4.8%             | 1.9%              | 2.7%              |
| 133                | Concrete products   | 3.5%              | 3.0%              | 3.1%              | 3.2%             | 3.6%             | 2.2%              | 3.2%              |
| 1331               | Concrete block & brick  | 3.5%              | 2.7%              | 2.1%              | 2.8%             | 2.7%             | 1.6%              | 2.8%              |
| 1332               | Concrete pipe   | (1.4%)            | 2.8%              | 1.3%              | 0.9%             | 1.6%             | 1.0%              | 2.7%              |
| 1333               | Ready-mix concrete  | 3.0%              | 3.1%              | 3.8%              | 3.3%             | 3.9%             | 2.3%              | 3.3%              |
| 1334               | Precast concrete products   | 6.4%              | 3.1%              | (0.0%)            | 3.1%             | 3.6%             | 2.7%              | 3.1%              |
| 1335               | Prestressed concrete products   | 4.3%              | 1.9%              | 11.7%             | 5.9%             | 3.6%             | 1.1%              | 3.0%              |
| 134                | Clay construction products ex. refractories                           | 1.1%              | (0.1%)            | 1.5%              | 0.8%             | 1.2%             | 0.3%              | 1.3%              |
| 1342               | Brick & structural clay tile  | 1.2%              | 1.7%              | 1.2%              | 1.3%             | 1.3%             | 0.1%              | 1.9%              |
| 1344               | Clay floor & wall tile, glazed & unglazed                             | 0.3%              | (4.0%)            | 1.4%              | (0.8%)           | 0.5%             | 0.2%              | (0.6%)            |
| 1345               | Structural clay products, n.e.c.                                      | 6.9%              | 2.7%              | 4.6%              | 4.7%             | 3.6%             | 2.5%              | 3.5%              |
| 135                | Refractories  | 6.8%              | (0.4%)            | 0.5%              | 2.2%             | 1.5%             | 2.2%              | 3.2%              |
| 1352               | Clay refractories   | 6.7%              | (2.4%)            | 1.7%              | 1.9%             | 0.8%             | 2.2%              | 3.8%              |
| 1353               | Nonclay refractories  | 6.8%              | 1.0%              | (0.4%)            | 2.5%             | 2.1%             | 2.1%              | 2.7%              |
| 136                | Asphalt felts & coatings  | 10.1%             | 2.6%              | (2.0%)            | 3.5%             | 1.6%             | 1.0%              | 4.7%              |
| 1361               | Prepared asphalt & tar roofing & siding products                      | 10.3%             | 2.1%              | (1.1%)            | 3.7%             | 2.3%             | 1.4%              | 4.9%              |
| 1362               | Roofing asphalts, pitches, coatings & cement                          | 8.9%              | 6.0%              | (7.6%)            | 2.2%             | (2.5%)           | (1.3%)            | 3.5%              |
| 137                | Gypsum products   | 3.0%              | 8.6%              | 5.4%              | 5.7%             | 4.3%             | 4.1%              | 3.0%              |
| 1371               | Gypsum products   | 3.0%              | 8.6%              | 5.4%              | 5.7%             | 4.3%             | 4.1%              | 3.0%              |
| 138                | Glass containers  | 2.3%              | 0.5%              | 0.7%              | 1.1%             | 1.2%             | 1.4%              | 2.4%              |
| 139                | Other nonmetallic minerals  | 4.6%              | 0.2%              | (0.7%)            | 1.3%             | 1.0%             | 1.8%              | 3.3%              |
| 1392               | Insulation materials  | 5.5%              | 0.6%              | 1.4%              | 2.5%             | 2.3%             | 3.3%              | 2.4%              |
| 1394               | Paving mixtures & blocks  | 10.2%             | (0.2%)            | (5.8%)            | 1.2%             | (0.2%)           | 0.8%              | 5.4%              |
| 1395               | Cut stone & stone products  | 6.4%              | (2.6%)            | 4.5%              | 2.7%             | 2.7%             | 1.3%              | 1.0%              |
| 1398               | Gaskets, packing & sealing devices                                    | 2.1%              | 0.9%              | 0.8%              | 1.3%             | 1.1%             | 1.7%              | 1.9%              |
| 1399               | Nonmetallic minerals & products, n.e.c.                               | (0.5%)            | 1.0%              | 2.1%              | 0.9%             | 1.6%             | 2.6%              | 3.0%              |

**BLS Producer Price Index (PPI) Table 9 Historical Inflation Averages Through 2018 for Selected Commodities**

| PPI Commodity Code | PPI Commodity Description   | Dec '18 ÷ Dec '17 | Dec '17 / Dec '16 | Dec '16 / Dec '15 | 3 Year Avg 12/18 | 5 Year Avg 12/18 | 10 Year Avg 12/18 | 20 Year Avg 12/18 |
|--------------------|---|-------------------|-------------------|-------------------|------------------|------------------|-------------------|-------------------|
| 14                 | TRANSPORTATION EQUIPMENT  | 1.3%              | 0.8%              | 1.0%              | 1.0%             | 1.1%             | 1.2%              | 1.3%              |
| 141                | Motor vehicles & equipment  | 1.3%              | 0.7%              | 1.1%              | 1.0%             | 1.0%             | 1.1%              | 0.7%              |
| 1411               | Motor vehicles  | 0.6%              | 0.6%              | 2.0%              | 1.1%             | 1.3%             | 1.4%              | 0.6%              |
| 1412               | Motor vehicles parts  | 1.8%              | 0.5%              | (0.2%)            | 0.7%             | 0.4%             | 0.5%              | 0.6%              |
| 1413               | Truck & bus bodies  | 3.8%              | 1.2%              | 1.3%              | 2.1%             | 1.9%             | 1.4%              | 2.3%              |
| 1414               | Truck trailers  | 8.5%              | 1.3%              | (0.6%)            | 3.0%             | 2.5%             | 2.1%              | 2.5%              |
| 1415               | Motor homes, built on purchased chassis                           | 1.2%              | 2.4%              | 2.2%              | 1.9%             | 1.5%             | 0.8%              | 1.3%              |
| 1416               | Travel trailers & campers   | 3.5%              | 4.6%              | 0.6%              | 2.9%             | 2.9%             | 2.3%              | 2.4%              |
| 142                | Aircraft & aircraft equipment                                     | 1.6%              | 0.9%              | 0.9%              | 1.1%             | 1.2%             | 1.5%              | 2.4%              |
| 1421               | Civilian aircraft   | 1.9%              | 1.5%              | 0.9%              | 1.5%             | 1.3%             | 1.4%              | 2.8%              |
| 1423               | Aircraft engine & engine parts                                    | 1.2%              | 0.3%              | 1.4%              | 0.9%             | 1.1%             | 2.0%              | 2.5%              |
| 1425               | Other aircraft parts & equipment                                  | 1.0%              | 0.3%              | 0.7%              | 0.6%             | 0.9%             | 1.2%              | 1.3%              |
| 143                | Ships & boats   | 0.8%              | 1.7%              | 0.2%              | 0.9%             | 1.1%             | 1.6%              | 2.4%              |
| 1431               | Ships   | (0.2%)            | 0.4%              | (1.1%)            | (0.3%)           | 0.0%             | 1.0%              | 2.2%              |
| 1432               | Boats   | 3.0%              | 3.1%              | 1.5%              | 2.5%             | 2.5%             | 2.2%              | 2.7%              |
| 144                | Railroad equipment  | (0.7%)            | 0.5%              | (1.4%)            | (0.5%)           | 0.4%             | 1.1%              | 2.1%              |
| 1441               | Locomotives, new & rebuilt, including parts                       | (1.9%)            | 0.7%              | 0.9%              | (0.1%)           | 0.6%             | 1.2%              | 1.5%              |
| 1442               | Railroad cars & car parts   | 0.5%              | 0.5%              | (3.3%)            | (0.8%)           | 0.3%             | 1.0%              | 2.4%              |
| 149                | Transportation equipment, n.e.c.                                  | 3.2%              | 2.3%              | 2.1%              | 2.5%             | 1.6%             | 1.1%              | 1.4%              |
| 1491               | Transportation equipment, n.e.c.                                  | 3.2%              | 2.3%              | 2.1%              | 2.5%             | 1.6%             | 1.1%              | 1.4%              |
| 15                 | MISCELLANEOUS PRODUCTS  | 2.3%              | 2.4%              | 1.8%              | 2.2%             | 2.0%             | 2.0%              | 2.4%              |
| 151                | Toys, sporting goods, small arms, etc.                            | 0.4%              | 0.0%              | (0.7%)            | (0.1%)           | 0.7%             | 0.9%              | 0.9%              |
| 1511               | Toys, games & children's vehicles                                 | 0.9%              | 0.8%              | (0.4%)            | 0.4%             | 0.9%             | 1.5%              | 1.2%              |
| 1512               | Sporting & athletic goods   | (1.5%)            | 0.1%              | (1.7%)            | (1.0%)           | 0.2%             | 0.3%              | 0.4%              |
| 1513               | Small arms & ammunition   | 3.0%              | (0.7%)            | 1.9%              | 1.4%             | 1.4%             | 1.9%              | 2.7%              |
| 152                | Tobacco products, incl. stemmed & redried                         | 5.7%              | 5.3%              | 4.8%              | 5.3%             | 5.0%             | 5.4%              | 4.5%              |
| 1521               | Cigarettes, including nontobacco                                  | 6.1%              | 5.6%              | 5.1%              | 5.6%             | 5.3%             | 5.7%              | 4.7%              |
| 1524               | Stemmed & redried tobacco   | 0.7%              | 3.5%              | (4.1%)            | 0.0%             | (1.1%)           | 0.2%              | 0.3%              |
| 1525               | Other tobacco products  | 4.1%              | 3.0%              | 3.9%              | 3.7%             | 3.8%             | 4.0%              | 0.0%              |
| 153                | Notions   | 0.1%              | 3.6%              | 0.9%              | 1.5%             | 1.5%             | 2.1%              | 2.5%              |
| 1532               | Needles, pins & fasteners   | 0.1%              | 1.9%              | 1.3%              | 1.1%             | 1.4%             | 2.7%              | 2.7%              |
| 154                | Photographic equipment & supplies                                 | 0.4%              | 2.5%              | (1.0%)            | 0.6%             | 0.6%             | 1.6%              | 0.7%              |
| 1541               | Photographic & photocopying equipment                             | 1.2%              | 0.5%              | (3.4%)            | (0.6%)           | (0.1%)           | 0.2%              | 0.1%              |
| 1542               | Photographic supplies   | 0.1%              | 2.9%              | (0.4%)            | 0.9%             | 0.7%             | 1.9%              | 0.8%              |
| 155                | Mobile homes  | 1.6%              | 7.7%              | 1.0%              | 3.4%             | 3.0%             | 3.0%              | 3.4%              |
| 1553               | Manufactured homes (mobile homes), all sizes (incl. multisection) | 1.6%              | 7.7%              | 1.0%              | 3.4%             | 3.1%             | 3.0%              | 3.3%              |
| 156                | Medical, surgical & personal aid devices                          | 0.8%              | 1.3%              | 0.2%              | 0.8%             | 0.8%             | 0.9%              | 1.2%              |
| 1562               | Surgical & medical instruments                                    | 0.2%              | 0.4%              | 0.9%              | 0.5%             | 0.6%             | 0.4%              | 0.5%              |
| 1563               | Medical & surgical appliances & supplies                          | 1.4%              | 0.5%              | (0.6%)            | 0.4%             | 0.5%             | 0.5%              | 1.2%              |
| 1564               | Ophthalmic goods  | 1.4%              | 3.6%              | (1.2%)            | 1.3%             | 0.8%             | 1.2%              | 1.1%              |
| 1565               | Dental equipment & supplies                                       | 1.3%              | 6.6%              | 1.9%              | 3.3%             | 2.9%             | 4.3%              | 4.0%              |
| 157                | Other industrial safety equipment                                 | 8.3%              | (6.7%)            | 1.5%              | 0.8%             | 1.2%             | 1.5%              | 1.7%              |
| 159                | Other miscellaneous products                                      | 2.3%              | 1.5%              | 1.9%              | 1.9%             | 1.0%             | 1.6%              | 1.6%              |
| 1591               | Burial caskets  | 3.2%              | 2.8%              | 4.1%              | 3.3%             | 3.3%             | 3.5%              | 4.3%              |
| 1593               | Musical instruments   | 3.2%              | 2.6%              | 1.6%              | 2.5%             | 2.5%             | 2.2%              | 2.0%              |
| 1594               | Jewelry & jewelry products  | 0.5%              | (0.1%)            | 5.9%              | 2.1%             | 0.0%             | 3.2%              | 2.6%              |
| 1595               | Pens, pencils & marking devices                                   | 2.0%              | 0.7%              | 1.3%              | 1.3%             | 1.6%             | 1.2%              | 1.2%              |
| 1596               | Watches, clocks, watchcases & parts                               | 0.0%              | 0.8%              | 0.9%              | 0.6%             | 0.7%             | 1.1%              | 1.4%              |
| 1597               | Brooms & brushes  | 0.8%              | 1.0%              | 0.3%              | 0.7%             | 0.9%             | 1.2%              | 1.5%              |
| 159A               | Miscellaneous products, n.e.c.                                    | 3.2%              | 2.7%              | 0.4%              | 2.1%             | 1.3%             | 1.3%              | 1.4%              |
| 159C               | Prerecorded audio & video media reproduction                      | 0.0%              | 0.0%              | 0.2%              | 0.1%             | (0.1%)           | (0.3%)            | -                 |

Note: PPI Commodity Descriptions shown in all caps are BLS Major Commodity Groups (two-digit PPI Commodity Codes)

A "-" dash indicates that the index was not published for the period shown