

Summary of variance estimates for PPI price changes, 2025

Variance within the Producer Price Index (PPI) is a measure of the uncertainty caused by the use of a sample of producer prices instead of the complete universe of producer prices in the U.S. economy. The most commonly used measure of variability is the standard error of the estimate—the square root of the variance. The standard error of the percent change in PPI can be used to construct confidence intervals and to determine whether the percent change for a particular PPI series is significantly different from zero.

For example, the 1-month median absolute percent change for the final demand producer price index in 2025 was 0.28 percent, and the 1-month median standard error (SE) was 0.33 percent. (See table 1 of the 2025 PPI variance data release.) Margins of error for a point estimate are commonly expressed as plus and minus two standard errors. The margin of error for the 1-month final demand index in 2025 is approximately 0.28 percent plus and minus 0.66 percent (2×0.33 percent). Therefore, in a typical 1-month period in 2025, the percent change in the final demand index was likely between -0.38 percent and 0.94 percent. On a 12-month basis in 2025, the median absolute percent change for the final demand index was 3.09 percent, and the median SE was 0.48 percent. Margins of error for the 12-month period can be calculated in the same way as for the 1-month period.

Table 1 provides variance estimates for 1-month and 12-month percent changes for the Final Demand-Intermediate Demand Producer Price Indexes.

Table 2 provides variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes.

Table 3 provides variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes.

With the release of data for February 2025, the Bureau of Labor Statistics updated the PPI structure of the crude petroleum and natural gas extraction industries to reflect 2022 North American Industry Classification System (NAICS) definitions. This update resulted in PPI variances not being calculated for Crude petroleum extraction (NAICS 211120) and for Natural gas extraction (NAICS 211130) for 2025. PPI industry-based data are the source data for commodity-based PPIs, which in turn are the source data for Final Demand-Intermediate Demand (FD-ID) PPIs. As a result, variance measures for 5 industry-based price indexes, 9 commodity price indexes, and 15 FD-ID price indexes are unavailable for 2025. (See list below.)

2025 Industry-based PPI variances, unavailable	
Code	Index Title
OMIN	Total mining industries
211	Oil and gas extraction
2111	Oil and gas extraction
211120	Crude petroleum extraction
211130	Natural gas extraction

2025 Commodity-based PPI variances, unavailable	
Code	Index Title
05	Fuels and related products and power
053	Gas fuels
0531	Natural gas
053101	Natural gas
0532	Natural gas liquids
053201	Natural gas liquids
056	Crude petroleum (domestic production)
0561	Crude petroleum (domestic production)
056101	Crude petroleum (domestic production)

2025 Final Demand-Intermediate Demand PPI variances, unavailable	
Code	Index Title
ID52	Stage 2 intermediate demand
ID521	Inputs to stage 2 goods producers
ID5211	Inputs to stage 2 goods producers, goods
ID52112	Inputs to stage 2 goods producers, energy
ID59211	Total goods inputs to stage 2 intermediate demand
ID59215	Total energy goods inputs to stage 2 intermediate demand
ID62	Unprocessed goods for intermediate demand
ID622	Unprocessed nonfood materials
ID6221	Unprocessed nonfood materials except fuel
ID62211	Unprocessed nonfood materials except fuel to manufacturing industries
ID6222	Unprocessed fuel
ID62221	Unprocessed fuel to manufacturing industries
ID62222	Unprocessed fuel to nonmanufacturing industries
ID69211	Unprocessed materials less agricultural products
ID69212	Unprocessed energy materials

Table 1. Variance estimates for 1-month and 12-month percent changes for the Final Demand-Intermediate Demand Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Final Demand					
Final demand	FD4	0.28	0.33	3.09	0.48
Final demand goods	FD41	0.57	0.10	1.99	0.19
Final demand foods	FD411	0.75	0.29	3.44	0.48
Finished consumer foods	FD4111	0.70	0.29	3.58	0.51
Finished consumer foods, processed	FD41112	0.39	0.32	3.57	0.56
Finished consumer foods, crude	FD41113	9.99	0.00	13.12	0.00
Government purchased foods	FD4112	0.66	0.44	4.35	0.66
Foods for export	FD4113	1.09	0.29	1.56	0.59
Final demand energy	FD412	1.40	0.47	3.21	0.69
Finished consumer energy goods	FD4121	0.90	0.51	2.71	0.67
Government purchased energy	FD4122	2.34	0.60	4.42	1.39
Energy for export	FD4123	2.90	1.33	4.85	2.49
Final demand goods less foods and energy	FD413	0.30	0.06	2.63	0.17
Finished goods less foods and energy	FD4131	0.28	0.05	2.77	0.15
Finished consumer goods less foods and energy	FD41311	0.23	0.06	2.39	0.16
Nondurable consumer goods less foods and energy	FD413111	0.19	0.07	2.52	0.22
Durable consumer goods	FD413112	0.23	0.08	2.34	0.22
Private capital equipment	FD41312	0.29	0.07	3.18	0.23
Private capital equipment for manufacturing industries	FD413121	0.40	0.13	4.45	0.45
Private capital equipment for nonmanufacturing industries	FD413122	0.21	0.06	2.77	0.22
Government purchased goods, excluding foods and energy	FD4132	0.22	0.09	2.76	0.46
Government purchased goods excluding foods, energy, and capital equipment	FD41321	0.22	0.13	2.59	0.33
Government purchased capital equipment	FD41322	0.14	0.07	3.10	0.92
Goods for export, excluding foods and energy	FD4133	0.36	0.14	2.49	0.31
Final demand services	FD42	0.37	0.47	3.35	0.70
Final demand services less trade, transportation, and warehousing	FD421	0.34	0.14	3.36	0.35
Finished services less trade, transportation, and warehousing	FD4211	0.38	0.14	3.44	0.33
Finished consumer services less trade, transportation, and warehousing	FD42111	0.38	0.15	3.57	0.34
Private capital investment services less trade, transportation, and warehousing	FD42112	0.36	0.33	2.41	0.90
Government purchased services less trade, transportation, and warehousing	FD4212	0.40	0.25	3.91	0.47
Gov. purchased services less trade, transportation, and warehousing, excl. capital investment	FD42121	0.35	0.21	3.99	0.45
Government purchased capital investment services less trade, transportation, and warehousing	FD42122	0.46	0.87	1.79	2.13
Services for export less trade, transportation, and warehousing	FD4213	0.41	0.37	2.18	0.94
Final demand transportation and warehousing services	FD422	0.42	0.51	2.41	0.99
Transportation of passengers for final demand	FD4221	1.82	0.96	2.23	1.41
Transportation of private passengers	FD42211	1.81	0.96	2.23	1.40
Transportation of government passengers	FD42212	1.80	0.95	2.21	1.39
Transportation of passengers for export	FD42213	1.83	0.97	2.25	1.42
Transportation and warehousing of goods for final demand	FD4222	0.45	0.55	2.83	1.11
Transportation and warehousing of finished goods	FD42221	0.54	0.60	2.70	1.20
Transportation and warehousing of personal consumption goods	FD422211	0.52	0.58	2.78	1.18
Transportation and warehousing of private capital equipment	FD422212	0.62	0.66	2.33	1.30
Transportation and warehousing of government purchased goods	FD42222	0.38	0.53	2.87	0.99
Transportation and warehousing of exports	FD42223	0.29	0.46	3.11	0.95
Final demand trade services	FD423	0.69	1.62	3.87	2.44
Trade of finished goods	FD4231	0.72	1.43	3.60	2.22
Trade of personal consumption goods	FD42311	0.63	0.67	3.35	1.29
Trade of private capital equipment	FD42312	2.45	5.01	5.55	7.46
Trade of government purchased goods	FD4232	1.65	3.01	4.75	4.95
Trade of government purchased goods, excluding capital equipment	FD42321	1.10	1.06	3.86	2.51
Trade of government purchased capital equipment	FD42322	3.34	6.94	7.31	10.13
Trade of exports	FD4233	1.57	2.73	4.98	3.50
Final demand construction	FD43	0.12	0.09	1.66	0.33
Construction for private capital investment	FD431	0.16	0.11	1.30	0.39
Construction for government	FD432	0.09	0.12	2.39	0.52
Final demand less exports	FD49101	0.29	0.31	3.05	0.48

Table 1. Variance estimates for 1-month and 12-month percent changes for the Final Demand-Intermediate Demand Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Final demand less government	FD49102	0.27	0.33	3.06	0.47
Final demand less foods and energy	FD49104	0.31	0.36	3.21	0.50
Final demand less foods	FD49106	0.28	0.35	3.07	0.48
Final demand less energy	FD49107	0.32	0.34	3.16	0.50
Final demand less trade services	FD49108	0.24	0.10	2.88	0.21
Final demand less distributive services	FD49109	0.25	0.10	2.92	0.22
Final demand goods less energy	FD49111	0.25	0.08	2.97	0.17
Final demand goods less foods	FD49112	0.52	0.10	1.56	0.21
Final demand services less trade services	FD49113	0.25	0.14	3.25	0.31
Final demand distributive services	FD49114	0.70	1.41	3.61	2.04
Final demand goods plus final demand distributive services	FD49115	0.41	0.61	2.64	0.86
Final demand less foods, energy, and trade services	FD49116	0.23	0.10	3.21	0.23
Private and government purchased capital equipment	FD49117	0.26	0.06	3.18	0.29
Private and government purchased capital investment services	FD49118	1.09	2.26	3.33	3.04
Total private and government purchased capital investment	FD49119	0.54	1.07	3.13	1.46
Total finished	FD49201	0.28	0.31	3.02	0.48
Total finished less foods and energy	FD49203	0.32	0.35	3.26	0.51
Total finished less foods	FD49205	0.27	0.33	3.08	0.49
Total finished less energy	FD49206	0.31	0.33	3.19	0.51
Finished goods	FD49207	0.59	0.13	2.04	0.23
Finished goods less energy	FD49208	0.29	0.09	2.95	0.20
Finished goods, excluding foods	FD49209	0.44	0.15	1.54	0.25
Finished services	FD49210	0.36	0.44	3.37	0.63
Private capital investment services	FD49211	1.00	2.12	3.28	2.86
Finished distributive services	FD49212	0.65	1.29	3.48	1.93
Finished services less trade services	FD49213	0.31	0.13	3.30	0.30
Finished services less distributive services	FD49214	0.39	0.14	3.37	0.33
Total private capital investment (goods, services, and construction)	FD49215	0.56	1.08	3.15	1.49
Finished goods plus finished distributive services	FD49216	0.40	0.63	2.55	0.93
Total exports	FD49301	0.33	0.44	2.71	0.55
Goods for export	FD49302	0.22	0.12	1.74	0.29
Services for export	FD49303	0.58	0.97	2.99	1.14
Total government purchases	FD49401	0.31	0.33	2.79	0.57
Government purchased goods	FD49402	0.71	0.17	1.50	0.45
Government purchased services	FD49403	0.49	0.66	3.79	0.99
Total government purchased capital investment (goods, services, and construction)	FD49404	0.55	0.99	3.03	1.41
Government purchases, defense	FD49405	0.34	0.71	2.70	0.91
Government purchases, nondefense	FD49406	0.31	0.21	2.90	0.42
Personal consumption	FD49501	0.26	0.18	3.08	0.30
Personal consumption goods (finished consumer goods)	FD49502	0.80	0.17	1.52	0.28
Personal consumption goods less energy	FD49503	0.33	0.13	2.89	0.25
Personal consumption goods less foods	FD49504	0.51	0.22	1.41	0.33
Personal consumption services	FD49505	0.37	0.22	3.45	0.38
Personal consumption less trade services	FD49506	0.31	0.11	2.96	0.24
Personal consumption less distributive services	FD49507	0.32	0.12	2.99	0.25
Personal consumption nondurable goods less foods	FD49508	0.62	0.28	1.57	0.41
Personal consumption goods plus personal consumption distributive services	FD49509	0.41	0.33	2.33	0.57
Personal consumption less foods and energy	FD49510	0.34	0.20	3.35	0.34
Personal consumption less foods, energy, and trade services	FD49511	0.28	0.12	3.36	0.27
Personal consumption less foods, energy, and distributive services	FD49512	0.34	0.12	3.40	0.29
Intermediate Demand by Commodity Type					
Processed goods for intermediate demand	ID61	0.35	0.15	1.93	0.39
Materials and components for manufacturing	ID611	0.42	0.23	3.20	0.47
Materials for manufacturing	ID6111	0.48	0.37	3.41	0.72
Materials for food manufacturing	ID61111	0.76	0.61	5.31	1.43
Materials for nondurable manufacturing	ID61112	0.34	0.37	0.73	0.86

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Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Materials for durable manufacturing	ID61113	1.25	0.59	6.31	1.29
Components for manufacturing	ID6112	0.34	0.09	2.56	0.23
Components for nondurable manufacturing	ID61121	0.12	0.17	1.83	0.59
Components for durable manufacturing	ID61122	0.34	0.09	2.61	0.24
Materials and components for construction	ID612	0.24	0.14	2.60	0.40
Materials for construction	ID6121	0.20	0.21	0.82	0.52
Components for construction	ID6122	0.34	0.18	3.89	0.67
Processed fuels and lubricants for intermediate demand	ID613	2.13	0.58	2.99	1.57
Processed fuels and lubricants to manufacturing industries	ID6131	1.60	1.01	2.85	2.75
Processed fuels and lubricants to nonmanufacturing industries	ID6132	2.37	0.60	3.32	1.52
Containers for intermediate demand	ID614	0.33	0.14	4.28	0.53
Supplies for intermediate demand	ID615	0.30	0.11	2.66	0.32
Supplies to manufacturing industries	ID6151	0.47	0.17	3.44	0.50
Supplies to nonmanufacturing industries	ID6152	0.29	0.11	2.59	0.32
Supplies to nonmanufacturing industries, feeds	ID61521	0.46	0.49	0.71	2.23
Supplies to nonmanufacturing industries, other than feeds	ID61522	0.32	0.11	3.02	0.26
Unprocessed goods for intermediate demand	ID62	2.35	-	1.44	-
Unprocessed foodstuffs and feedstuffs	ID621	1.89	0.00	4.67	0.00
Unprocessed nonfood materials	ID622	3.04	-	3.63	-
Unprocessed nonfood materials except fuel	ID6221	2.02	-	3.63	-
Unprocessed nonfood materials except fuel to manufacturing industries	ID62211	2.16	-	3.81	-
Unprocessed nonfood materials except fuel to nonmanufacturing industries	ID62212	0.23	0.20	7.12	1.18
Unprocessed fuel	ID6222	5.82	-	19.00	-
Unprocessed fuel to manufacturing industries	ID62221	2.79	-	5.41	-
Unprocessed fuel to nonmanufacturing industries	ID62222	6.12	-	20.62	-
Services for intermediate demand	ID63	0.20	0.24	2.14	0.49
Services less trade, transportation, and warehousing for intermediate demand	ID631	0.19	0.23	1.34	0.67
Services less trade, transportation, and warehousing for manufacturing industries	ID6311	0.26	0.31	3.38	0.63
Services less trade, transportation, and warehousing for nonmanufacturing industries	ID6312	0.21	0.23	1.28	0.68
Transportation and warehousing services for intermediate demand	ID632	0.37	0.25	3.50	0.59
Transportation of passengers for intermediate demand	ID6321	1.80	0.95	2.21	1.39
Transportation of passengers for manufacturing industries	ID63211	1.83	0.97	2.25	1.42
Transportation of passengers for nonmanufacturing industries	ID63212	1.79	0.95	2.21	1.39
Transportation and warehousing of goods for intermediate demand	ID6322	0.34	0.25	3.60	0.63
Transportation of goods for manufacturing industries	ID63221	0.35	0.39	2.24	0.76
Transportation of goods for nonmanufacturing industries	ID63222	0.35	0.26	3.98	0.71
Trade services for intermediate demand	ID633	1.14	0.93	4.19	1.69
Trade services for manufacturing industries	ID6331	1.36	1.17	4.36	1.97
Trade services for nonmanufacturing industries	ID6332	1.02	0.83	4.32	1.69
Construction for intermediate demand	ID64	0.16	0.52	4.79	4.21
Processed materials less foods and feeds	ID69111	0.33	0.17	1.74	0.41
Processed foods and feeds	ID69112	0.52	0.44	4.15	1.07
Processed energy goods	ID69113	2.13	0.58	2.99	1.57
Processed materials less foods and energy	ID69115	0.39	0.14	2.83	0.32
Intermediate distributive services	ID69116	0.95	0.55	4.00	1.05
Processed goods plus intermediate distributive services	ID69117	0.34	0.23	2.53	0.42
Processed materials less energy	ID69118	0.39	0.14	2.99	0.31
Unprocessed materials less agricultural products	ID69211	3.01	-	3.67	-
Unprocessed energy materials	ID69212	4.64	-	6.49	-
Unprocessed materials less energy	ID69213	0.90	0.30	5.03	0.53
Unprocessed nonfood materials less energy	ID69216	1.51	0.78	6.71	1.42
Intermediate Demand by Production Flow					
Stage 4 intermediate demand	ID54	0.26	0.18	2.60	0.36
Inputs to stage 4 goods producers	ID541	0.45	0.29	3.46	0.59
Inputs to stage 4 goods producers, goods	ID5411	0.28	0.12	2.81	0.30
Inputs to stage 4 goods producers, foods	ID54111	1.08	0.26	2.15	0.76

Table 1. Variance estimates for 1-month and 12-month percent changes for the Final Demand-Intermediate Demand Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Inputs to stage 4 goods producers, energy	ID54112	3.29	2.88	10.78	10.71
Inputs to stage 4 goods producers, goods excluding foods and energy	ID54113	0.38	0.12	2.91	0.28
Inputs to stage 4 goods producers, services	ID5412	1.07	0.98	4.73	1.95
Inputs to stage 4 goods producers, services less trade, transportation, and warehousing	ID54121	0.44	0.34	3.81	0.63
Inputs to stage 4 goods producers, transportation and warehousing services	ID54122	0.39	0.31	1.96	0.60
Inputs to stage 4 goods producers, transportation of passengers	ID541221	1.83	0.97	2.25	1.42
Inputs to stage 4 goods producers, transportation and warehousing of goods	ID541222	0.23	0.32	2.13	0.61
Inputs to stage 4 goods producers, trade services	ID54123	1.52	1.29	5.10	2.58
Inputs to stage 4 services producers	ID542	0.16	0.20	2.72	0.47
Inputs to stage 4 services producers, goods	ID5421	0.37	0.18	2.68	0.41
Inputs to stage 4 services producers, foods	ID54211	0.90	0.45	5.10	0.90
Inputs to stage 4 services producers, energy	ID54212	1.11	0.51	1.60	1.15
Inputs to stage 4 services producers, goods excluding foods and energy	ID54213	0.25	0.12	2.67	0.31
Inputs to stage 4 services producers, services	ID5422	0.19	0.26	2.57	0.63
Inputs to stage 4 services producers, services less trade, transportation, and warehousing	ID54221	0.25	0.27	2.16	0.80
Inputs to stage 4 services producers, transportation and warehousing services	ID54222	0.25	0.31	4.28	0.84
Inputs to stage 4 services producers, transportation of passengers	ID542221	1.82	0.96	2.24	1.41
Inputs to stage 4 services producers, transportation and warehousing of goods	ID542222	0.37	0.32	4.57	0.94
Inputs to stage 4 services producers, trade services	ID54223	1.00	0.97	3.77	1.87
Inputs to stage 4 services producers, construction	ID5423	0.16	0.52	4.79	4.21
Inputs to stage 4 construction producers	ID543	0.25	0.19	2.45	0.42
Inputs to stage 4 construction producers, goods	ID5431	0.30	0.14	2.42	0.44
Inputs to stage 4 construction producers, energy	ID54312	1.76	0.91	7.53	1.69
Inputs to stage 4 construction producers, goods excluding foods and energy	ID54313	0.28	0.14	3.37	0.45
Inputs to stage 4 construction producers, services	ID5432	0.46	0.57	2.75	0.97
Inputs to stage 4 construction producers, services less trade, transportation, and warehousing	ID54321	0.15	0.13	2.34	0.62
Inputs to stage 4 construction producers, transportation and warehousing services	ID54322	0.49	0.59	2.32	1.17
Inputs to stage 4 construction producers, transportation of passengers	ID543221	1.83	0.97	2.25	1.41
Inputs to stage 4 construction producers, transportation and warehousing of goods	ID543222	0.57	0.61	2.35	1.20
Inputs to stage 4 construction producers, trade services	ID54323	0.93	1.33	3.74	2.10
Stage 3 intermediate demand	ID53	0.33	0.21	1.92	0.41
Inputs to stage 3 goods producers	ID531	0.48	0.27	3.29	0.48
Inputs to stage 3 goods producers, goods	ID5311	0.77	0.18	3.25	0.53
Inputs to stage 3 goods producers, foods	ID53111	2.56	0.04	5.60	0.17
Inputs to stage 3 goods producers, energy	ID53112	1.74	1.83	1.34	5.81
Inputs to stage 3 goods producers, goods excluding foods and energy	ID53113	0.53	0.26	2.39	0.69
Inputs to stage 3 goods producers, services	ID5312	0.63	0.83	3.44	1.28
Inputs to stage 3 goods producers, services less trade, transportation, and warehousing	ID53121	0.31	0.41	3.21	0.87
Inputs to stage 3 goods producers, transportation and warehousing services	ID53122	0.36	0.49	2.14	0.97
Inputs to stage 3 goods producers, transportation of passengers	ID531221	1.83	0.97	2.25	1.42
Inputs to stage 3 goods producers, transportation and warehousing of goods	ID531222	0.46	0.51	2.19	1.02
Inputs to stage 3 goods producers, trade services	ID53123	1.10	1.48	4.19	2.34
Inputs to stage 3 services producers	ID532	0.35	0.20	0.84	0.62
Inputs to stage 3 services producers, goods	ID5321	1.27	0.51	3.60	1.29
Inputs to stage 3 services producers, foods	ID53211	0.23	0.54	1.60	2.04
Inputs to stage 3 services producers, energy	ID53212	2.43	0.89	6.46	2.16
Inputs to stage 3 services producers, goods excluding foods and energy	ID53213	0.24	0.18	2.15	0.49
Inputs to stage 3 services producers, services	ID5322	0.32	0.22	1.47	0.75
Inputs to stage 3 services producers, services less trade, transportation, and warehousing	ID53221	0.27	0.28	0.48	1.13
Inputs to stage 3 services producers, transportation and warehousing services	ID53222	0.47	0.29	4.36	0.80
Inputs to stage 3 services producers, transportation of passengers	ID532221	0.09	0.05	0.11	0.07
Inputs to stage 3 services producers, transportation and warehousing of goods	ID532222	0.47	0.29	4.37	0.80
Inputs to stage 3 services producers, trade services	ID53223	1.10	1.15	3.73	3.16
Inputs to stage 3 services producers, construction	ID5323	0.16	0.52	4.79	4.21
Inputs to stage 3 construction producers	ID533	0.64	0.47	3.25	0.98
Inputs to stage 3 construction producers, goods	ID5331	0.22	0.13	2.59	0.42
Inputs to stage 3 construction producers, goods excluding foods and energy	ID53313	0.22	0.13	2.59	0.42

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Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Inputs to stage 3 construction producers, services	ID5332	1.23	0.90	3.75	1.85
Inputs to stage 3 construction producers, services less trade, transportation, and warehousing	ID53321	0.39	0.72	2.07	1.37
Inputs to stage 3 construction producers, transportation and warehousing services	ID53322	0.29	0.22	1.47	0.50
Inputs to stage 3 construction producers, transportation and warehousing of goods	ID533222	0.29	0.22	1.47	0.50
Inputs to stage 3 construction producers, trade services	ID53323	1.34	0.97	3.93	2.00
Stage 2 intermediate demand	ID52	0.68	-	0.82	-
Inputs to stage 2 goods producers	ID521	1.42	-	1.56	-
Inputs to stage 2 goods producers, goods	ID5211	2.03	-	2.59	-
Inputs to stage 2 goods producers, foods	ID52111	1.38	0.33	2.15	1.39
Inputs to stage 2 goods producers, energy	ID52112	4.56	-	6.82	-
Inputs to stage 2 goods producers, goods excluding foods and energy	ID52113	0.76	0.27	4.22	0.71
Inputs to stage 2 goods producers, services	ID5212	0.38	0.47	3.09	0.78
Inputs to stage 2 goods producers, services less trade, transportation, and warehousing	ID52121	0.58	0.33	0.48	0.93
Inputs to stage 2 goods producers, transportation and warehousing services	ID52122	0.31	0.12	2.85	0.43
Inputs to stage 2 goods producers, transportation of passengers	ID521221	1.75	0.92	2.15	1.35
Inputs to stage 2 goods producers, transportation and warehousing of goods	ID521222	0.19	0.12	2.89	0.44
Inputs to stage 2 goods producers, trade services	ID52123	0.80	1.15	5.03	1.83
Inputs to stage 2 goods producers, construction	ID5213	0.16	0.52	4.79	4.21
Inputs to stage 2 services producers	ID522	0.28	0.23	0.61	0.68
Inputs to stage 2 services producers, goods	ID5221	0.24	0.13	1.97	0.34
Inputs to stage 2 services producers, foods	ID52211	0.56	0.45	3.02	1.48
Inputs to stage 2 services producers, energy	ID52212	2.17	0.85	4.07	2.19
Inputs to stage 2 services producers, goods excluding foods and energy	ID52213	0.31	0.13	2.38	0.33
Inputs to stage 2 services producers, services	ID5222	0.30	0.26	0.37	0.77
Inputs to stage 2 services producers, services less trade, transportation, and warehousing	ID52221	0.29	0.30	0.35	0.84
Inputs to stage 2 services producers, transportation and warehousing services	ID52222	0.44	0.58	2.10	1.68
Inputs to stage 2 services producers, transportation of passengers	ID522221	1.82	0.96	2.24	1.41
Inputs to stage 2 services producers, transportation and warehousing of goods	ID522222	0.40	0.67	2.04	1.95
Inputs to stage 2 services producers, trade services	ID52223	0.93	1.70	5.65	3.05
Inputs to stage 2 services producers, construction	ID5223	0.16	0.52	4.79	4.21
Stage 1 intermediate demand	ID51	0.31	0.23	2.20	0.35
Inputs to stage 1 goods producers	ID511	0.43	0.38	2.93	0.67
Inputs to stage 1 goods producers, goods	ID5111	0.43	0.30	2.29	0.87
Inputs to stage 1 goods producers, foods	ID51111	1.89	0.51	1.51	1.84
Inputs to stage 1 goods producers, energy	ID51112	0.92	1.01	2.57	3.54
Inputs to stage 1 goods producers, goods excluding foods and energy	ID51113	0.59	0.33	2.93	0.79
Inputs to stage 1 goods producers, services	ID5112	0.83	0.92	3.52	1.35
Inputs to stage 1 goods producers, services less trade, transportation, and warehousing	ID51121	0.52	0.25	3.97	0.59
Inputs to stage 1 goods producers, transportation and warehousing services	ID51122	0.75	0.51	1.73	0.96
Inputs to stage 1 goods producers, transportation of passengers	ID511221	1.83	0.97	2.25	1.42
Inputs to stage 1 goods producers, transportation and warehousing of goods	ID511222	0.81	0.55	1.46	1.06
Inputs to stage 1 goods producers, trade services	ID51123	1.21	1.52	3.39	2.20
Inputs to stage 1 goods producers, construction	ID5113	0.16	0.52	4.79	4.21
Inputs to stage 1 services producers	ID512	0.14	0.22	2.03	0.41
Inputs to stage 1 services producers, goods	ID5121	0.65	0.27	1.54	0.65
Inputs to stage 1 services producers, foods	ID51211	11.16	5.98	42.36	28.19
Inputs to stage 1 services producers, energy	ID51212	2.38	0.75	3.23	1.90
Inputs to stage 1 services producers, goods excluding foods and energy	ID51213	0.36	0.15	3.07	0.34
Inputs to stage 1 services producers, services	ID5122	0.15	0.29	2.51	0.55
Inputs to stage 1 services producers, services less trade, transportation, and warehousing	ID51221	0.33	0.35	2.13	0.72
Inputs to stage 1 services producers, transportation and warehousing services	ID51222	0.41	0.35	4.18	0.63
Inputs to stage 1 services producers, transportation of passengers	ID512221	1.83	0.97	2.25	1.42
Inputs to stage 1 services producers, transportation and warehousing of goods	ID512222	0.25	0.20	5.31	0.51
Inputs to stage 1 services producers, trade services	ID51223	0.95	0.93	4.09	2.28
Inputs to stage 1 services producers, construction	ID5123	0.16	0.52	4.79	4.21
Inputs to stage 1 construction producers	ID513	0.43	0.27	2.44	0.56
Inputs to stage 1 construction producers, goods	ID5131	0.42	0.20	2.37	0.48

Table 1. Variance estimates for 1-month and 12-month percent changes for the Final Demand-Intermediate Demand Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Inputs to stage 1 construction producers, energy	ID51312	2.89	1.66	6.36	4.38
Inputs to stage 1 construction producers, goods excluding foods and energy	ID51313	0.26	0.17	3.03	0.39
Inputs to stage 1 construction producers, services	ID5132	1.05	0.80	3.22	1.46
Inputs to stage 1 construction producers, services less trade, transportation, and warehousing	ID51321	0.30	0.34	3.22	2.38
Inputs to stage 1 construction producers, transportation and warehousing services	ID51322	0.68	0.72	2.34	1.42
Inputs to stage 1 construction producers, transportation and warehousing of goods	ID513222	0.68	0.72	2.34	1.42
Inputs to stage 1 construction producers, trade services	ID51323	1.37	1.07	3.80	1.82
Total goods inputs to stage 4 intermediate demand	ID59411	0.32	0.10	2.67	0.26
Total services inputs to stage 4 intermediate demand	ID59412	0.26	0.33	2.87	0.64
Total construction inputs to stage 4 intermediate demand	ID59413	0.16	0.52	4.79	4.21
Total foods inputs to stage 4 intermediate demand	ID59414	0.73	0.30	3.64	0.69
Total energy goods inputs to stage 4 intermediate demand	ID59415	1.50	0.55	2.11	1.27
Total goods less foods and energy inputs to stage 4 intermediate demand	ID59416	0.34	0.10	2.97	0.23
Total goods inputs to stage 3 intermediate demand	ID59311	0.81	0.21	1.77	0.53
Total services inputs to stage 3 intermediate demand	ID59312	0.29	0.25	1.84	0.65
Total construction inputs to stage 3 intermediate demand	ID59313	0.16	0.52	4.79	4.21
Total foods inputs to stage 3 intermediate demand	ID59314	2.55	0.05	5.54	0.19
Total energy goods inputs to stage 3 intermediate demand	ID59315	2.13	0.90	6.01	2.31
Total goods less foods and energy inputs to stage 3 intermediate demand	ID59316	0.49	0.24	2.34	0.60
Total goods inputs to stage 2 intermediate demand	ID59211	1.75	-	2.22	-
Total services inputs to stage 2 intermediate demand	ID59212	0.20	0.28	0.97	0.66
Total construction inputs to stage 2 intermediate demand	ID59213	0.16	0.52	4.79	4.21
Total foods inputs to stage 2 intermediate demand	ID59214	1.36	0.33	2.14	1.39
Total energy goods inputs to stage 2 intermediate demand	ID59215	4.48	-	6.76	-
Total goods less foods and energy inputs to stage 2 intermediate demand	ID59216	0.68	0.23	3.78	0.56
Total goods inputs to stage 1 intermediate demand	ID59111	0.33	0.23	2.03	0.58
Total services inputs to stage 1 intermediate demand	ID59112	0.44	0.35	2.62	0.54
Total construction inputs to stage 1 intermediate demand	ID59117	0.16	0.52	4.79	4.21
Total foods inputs to stage 1 intermediate demand	ID59114	1.89	0.58	1.18	1.99
Total energy goods inputs to stage 1 intermediate demand	ID59115	2.00	0.85	1.86	2.20
Total goods less foods and energy inputs to stage 1 intermediate demand	ID59116	0.34	0.18	2.95	0.39

NOTE: Some indexes in this table, primarily PPIs that include data for agricultural products, to varying degrees are constructed using price information not directly sampled by PPI. Secondary source data, mainly from the U.S. Department of Agriculture, but also other sources, are considered a census of available price information. No sampling variability exists in those percent change estimates, so the standard error values are zero. The FD-ID index for Unprocessed Foodstuffs and Feedstuffs is constructed almost exclusively from non-sampled price data, and at certain levels of aggregation, other FD-ID indexes include both sampled and non-sampled data. For more information, refer to the section titled "PPI Sampling" in the methodology paper that accompanies this year's PPI variance publication.

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Goods					
Farm products	01	1.40	0.00	7.03	0.00
Fruits & melons, fresh/dry vegs. & nuts	011	8.72	0.00	6.16	0.00
Fresh fruits and melons	0111	5.38	0.00	7.37	0.00
Citrus fruits	011101	4.09	0.00	6.51	0.00
Other fruits and berries	011102	6.48	0.00	10.86	0.00
Fresh and dry vegetables	0113	11.14	0.00	16.39	0.00
Dry vegetables	011301	2.03	0.00	18.77	0.00
Fresh vegetables, except potatoes	011302	14.66	0.00	23.82	0.00
Sweet potatoes	011303	2.20	0.00	5.33	0.00
Potatoes	011306	2.47	0.00	18.02	0.00
Tree nuts	0119	0.00	0.00	7.58	0.00
Tree nuts	011901	0.00	0.00	7.58	0.00
Grains	012	3.66	0.00	4.57	0.00
Wheat	0121	3.37	0.00	8.15	0.00
Wheat	012101	3.37	0.00	8.15	0.00
Other grains	0122	4.44	0.00	3.80	0.00
Barley	012201	0.61	0.00	12.18	0.00
Corn	012202	4.55	0.00	3.41	0.00
Oats	012203	2.53	0.00	10.37	0.00
Sorghum	012205	6.37	0.00	14.03	0.00
Rough rice	0123	3.51	0.00	18.79	0.00
Rough rice	012301	3.51	0.00	18.79	0.00
Livestock	013	3.36	0.00	22.68	0.00
Slaughter cattle	0131	2.27	0.00	20.79	0.00
Slaughter steers and heifers	013101	1.61	0.00	20.81	0.00
Slaughter cows and bulls	013102	3.41	0.00	23.45	0.00
Slaughter vealers	013103	1.93	0.00	17.83	0.00
Slaughter hogs	0132	8.82	0.00	22.15	0.00
Slaughter barrows and gilts	013201	8.62	0.00	22.76	0.00
Slaughter sows	013202	11.69	0.00	20.74	0.00
Slaughter lambs	0133	9.69	0.00	11.01	0.00
Slaughter lambs	013301	9.69	0.00	11.01	0.00
Feeder and replacement cattle	0134	5.56	0.00	25.19	0.00
Feeder and replacement cattle	013401	5.56	0.00	25.19	0.00
Slaughter poultry	014	1.94	0.00	3.26	0.00
Slaughter chickens	0141	3.66	0.00	3.75	0.00
Broilers and other meat type chickens	014102	3.66	0.00	3.75	0.00
Slaughter turkeys	0142	4.52	0.00	31.49	0.00
Slaughter turkeys	014201	4.52	0.00	31.49	0.00
Slaughter ducks	0143	0.00	0.00	0.04	0.00
Slaughter ducks	014301	0.00	0.00	0.04	0.00
Raw cotton	015	1.17	0.00	6.54	0.00
Raw cotton	0151	1.17	0.00	6.54	0.00
Raw cotton	015101	1.17	0.00	6.54	0.00
Raw milk	016	2.21	0.00	13.00	0.00
Raw milk	0161	2.21	0.00	13.00	0.00
Raw milk	016101	2.21	0.00	13.00	0.00
Chicken eggs	017	16.94	0.00	47.50	0.00
Chicken eggs	0171	16.94	0.00	47.50	0.00
Eggs for fresh use	017107	17.48	0.00	45.13	0.00
Breaker stock and checks and undergrades	017108	18.23	0.00	51.91	0.00
Hay, hayseeds, and oilseeds	018	2.82	0.00	10.34	0.00
Hay and hayseeds	0181	7.92	0.00	16.50	0.00
Hay and hayseeds	018101	7.92	0.00	16.50	0.00
Oilseeds	0183	2.98	0.00	9.93	0.00
Oilseeds	018301	2.98	0.00	9.93	0.00

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Processed foods and feeds	02	0.51	0.32	3.54	0.61
Cereal and bakery products	021	0.11	0.17	0.56	0.50
Bakery products	0211	0.21	0.21	2.09	0.93
Bread (white, wheat, rye, etc.), including frozen	021102	0.21	0.34	0.93	1.27
Rolls (bread-type), muffins, bagels, and croissants	021105	0.27	0.31	1.55	1.32
Other sweet goods, excluding frozen	021107	0.17	0.16	1.92	3.52
Soft cakes, excluding frozen	021108	0.27	0.81	2.94	1.78
Pies (fruit, cream, and custard), excluding frozen	021109	0.08	0.18	6.43	2.76
Cookies, crackers, and related products	021121	0.15	0.14	3.31	1.85
Retail bakery products, excluding retail trade	021130	0.37	0.46	2.22	2.19
Flour and flour base mixes and doughs	0212	0.36	0.25	0.68	1.06
Wheat flour	021203	0.78	0.56	3.88	1.29
Flour base mixes and doughs	021204	0.08	0.21	1.70	1.43
Milled rice and byproducts	0213	0.38	0.45	6.11	1.98
Head rice	021301	0.25	0.47	2.58	2.91
Milled rice (incl second heads, screenings, brewers, bran, sharps, rice flour, and byproducts)	021302	0.88	0.90	10.75	2.17
Cereal and pasta products	0214	0.23	0.35	1.06	1.08
Dry macaroni, spaghetti, and egg noodle products, made from purchased flour	021402	0.00	0.00	4.73	3.02
Cereal and mill products, other than flour	021409	0.28	0.42	0.33	1.12
Meats, poultry, and fish	022	0.88	1.03	7.40	1.81
Meats	0221	1.20	1.32	9.46	1.95
Beef and veal products, fresh or frozen	022101	2.40	2.72	11.32	3.60
Pork products, fresh, frozen, or processed, except sausage	022104	1.53	1.53	5.96	3.52
Other meats, fresh, frozen, or canned	022105	1.05	1.14	10.32	1.99
Processed poultry	0222	2.79	1.93	2.22	4.60
Young chickens, including bulk, chilled, frozen, whole, and in parts	022203	2.28	1.58	4.29	5.87
Turkeys, including frozen, whole, and in parts	022206	5.14	2.12	34.10	16.84
Canned, cooked, smoked or prepared poultry	022208	4.35	3.78	4.43	5.17
Chicken hens and other poultry/small game	022209	1.22	1.05	10.10	8.39
Unprocessed and prepared seafood	0223	1.87	0.41	6.00	2.75
Unprocessed finfish	022301	15.07	0.00	14.61	0.00
Unprocessed shellfish	022305	2.93	0.00	6.00	0.00
Prepared fresh and frozen seafood	022306	0.75	0.54	5.64	3.30
Dairy products	023	0.99	0.23	4.45	0.61
Fluid milk products	0231	1.20	0.31	3.06	0.91
Packaged fluid milk and related products	023103	1.53	0.19	3.28	0.56
Cottage cheese	023104	0.43	0.39	0.75	2.14
Other milk products	023105	0.24	0.27	3.38	1.32
Bulk fluid milk and cream	023106	2.48	1.19	13.89	4.19
Butter	0232	5.08	0.58	21.06	0.52
Butter	023201	5.08	0.58	21.06	0.52
Natural, processed, and imitation cheese	0233	1.23	0.34	5.73	0.87
Natural cheese, except cottage cheese	023302	1.12	0.35	5.40	0.64
Processed cheese and related products	023303	1.45	0.94	6.97	2.28
Raw liquid whey	023307	3.18	2.69	13.49	9.15
Ice cream and frozen desserts	0234	0.21	0.14	1.78	0.47
Ice cream and frozen desserts	023402	0.21	0.14	1.78	0.47
Dry, condensed, and evaporated milk products	0235	0.92	0.80	5.63	2.69
Dry milk products, including feed grade	023502	0.81	1.09	6.91	3.51
Liquid milk products	023503	0.64	1.09	6.04	3.24
Ice cream mixes and related products	023505	1.48	0.92	2.98	1.93
Processed fruits and vegetables	024	0.25	0.22	1.71	0.79
Canned fruits and juices	0241	0.31	0.41	2.29	2.28
Canned fruits, excluding baby foods	024101	0.31	0.64	0.93	0.99
Canned and fresh fruit juices, nectars, and concentrates	024102	0.27	0.57	4.39	3.53
Frozen fruits, juices and ades	0242	0.22	0.68	14.80	4.82

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Frozen fruits	024202	0.63	0.96	5.81	2.36
Canned vegetables and juices	0244	0.17	0.30	1.64	0.84
Canned vegetables and juices	024401	0.17	0.30	1.64	0.84
Frozen vegetables	0245	0.08	0.09	0.55	0.76
Frozen potato products (French-fried, patties, puffs, etc.)	024502	0.00	0.00	0.14	0.15
Frozen vegetables, other than potato products	024505	0.19	0.23	2.17	1.35
Dried and dehydrated food	0248	0.86	0.76	0.39	0.92
Dried and dehydrated food	024801	0.86	0.76	0.39	0.92
Sugar and confectionery	025	0.41	0.55	5.60	2.25
Raw cane sugar and sugar cane mill products and byproducts	0252	0.76	0.94	10.74	4.78
Raw cane sugar and sugarcane mill products and byproducts	025201	0.76	0.94	10.74	4.78
Refined sugar products and byproducts	0253	0.74	0.33	6.60	1.12
Refined sugar products and byproducts	025307	0.74	0.33	6.60	1.12
Confectionery materials	0254	2.57	2.04	12.78	7.42
Confectionery materials	025401	2.57	2.04	12.78	7.42
Confectionery end products	0255	0.50	0.52	7.37	2.75
Candy and nuts	025503	0.54	0.52	7.89	2.66
Beverages and beverage materials	026	0.36	0.25	4.07	0.69
Alcoholic beverages	0261	0.11	0.19	0.47	1.01
Malt beverages	026101	0.10	0.16	1.38	0.53
Distilled and bottled liquor, excluding brandy	026102	0.00	0.00	0.89	1.87
Wines, brandy, and brandy spirits	026104	0.22	0.46	0.67	1.91
Soft drinks	0262	0.52	0.45	2.15	0.96
Soft drinks, non-carbonated and bottled water	026206	0.42	0.36	2.72	1.51
Soft drinks, carbonated, bottle/can, all types	026210	1.03	0.70	2.11	1.39
Soft drinks, energy and sport	026211	0.96	0.50	1.64	1.75
Packaged beverage materials	0263	0.86	0.72	23.57	2.56
Coffee (whole bean, ground, & instant)	026301	0.89	0.78	25.56	2.83
Tea in consumer packages, exc. canned ice tea	026303	0.16	0.17	0.47	0.72
Other beverage materials	0264	0.01	0.01	1.50	2.31
Other beverage materials	026401	0.01	0.01	1.50	2.31
Fats and oils	027	1.09	1.66	4.01	4.77
Shortening, cooking oil, and margarine	0278	1.25	1.18	3.65	3.30
Shortening, cooking oil, and margarine	027801	1.25	1.18	3.65	3.30
Other oilseed processing	027A	2.29	3.33	5.26	8.87
Other oilseed processing	027A01	2.29	3.33	5.26	8.87
Miscellaneous processed foods	028	1.04	0.76	3.63	1.95
Canned jams, jellies, and preserves	0281	0.03	0.03	0.41	0.50
Canned jams, jellies, and preserves	028101	0.03	0.03	0.41	0.50
Pickles and other pickled products, including horseradish	0282	0.00	0.00	1.20	0.85
Pickles and other pickled products	028201	0.00	0.00	1.20	0.85
Specialty canning	0284	0.85	0.60	3.48	2.15
Specialty canning	028401	0.85	0.60	3.48	2.15
Frozen specialty food	0285	0.31	0.29	1.16	1.13
Frozen specialty food	028501	0.31	0.29	1.16	1.13
Prepared sauces, except tomato	0286	0.10	0.09	1.62	2.29
Prepared sauces, excluding tomato-based sauces and sauces comprised of 20 percent or more meat	028601	0.10	0.09	1.62	2.29
Other miscellaneous processed foods	0289	0.20	0.30	1.83	1.07
Other miscellaneous processed foods	028901	0.20	0.30	1.83	1.07
Prepared animal feeds	029	0.37	0.41	0.58	1.88
Soybean cake, meal, and other byproducts	0292	0.75	1.01	9.89	6.94
Soybean cake, meal, and byproducts	029201	0.75	1.01	9.89	6.94
Formula feeds	0293	0.50	0.44	1.70	2.34
Formula feeds	029301	0.50	0.44	1.70	2.34
Miscellaneous feedstuffs	0294	0.51	0.57	0.84	2.22
Pet food	029402	0.02	0.04	0.50	0.44
Miscellaneous feedstuffs other than pet food	029403	1.14	1.28	2.26	5.02

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Textile products and apparel	03	0.44	0.44	1.19	0.73
Synthetic fibers	031	1.33	2.12	2.48	2.74
Unprocessed filament yarns	0315	1.33	2.12	2.48	2.74
Noncellulosic and cellulosic organic fibers	031504	1.33	2.12	2.48	2.74
Processed yarns and threads	032	0.31	0.41	1.07	0.92
Yarns	0326	0.33	0.42	1.07	0.94
Spun cotton yarns	032601	0.00	0.00	2.20	1.03
Spun synthetic yarns	032603	0.00	0.00	0.91	1.04
Textured and twisted yarns	032604	0.55	0.80	3.43	1.61
Other spun noncellulosic and natural fiber (excluding cotton and wool) yarns	032607	0.00	0.00	0.84	0.61
Greige fabrics	033	0.44	0.25	2.47	0.80
Greige broadwoven fabrics	0337	0.14	0.15	1.24	0.88
Greige manmade, silk, and other natural fiber (exc cotton/wool) broadwoven fabrics	033703	0.12	0.11	1.59	0.74
Greige knit fabrics	0338	0.14	0.22	0.59	1.63
Weft (circular) knit fabrics, greige goods (excluding hosiery)	033803	0.00	0.00	0.00	0.00
Warp knit fabrics, greige goods (excluding hosiery)	033804	0.25	0.24	1.05	1.90
Tire cord and tire fabric	0339	0.55	0.69	10.19	2.44
Tire cord and tire fabrics	033901	0.55	0.69	10.19	2.44
Finished fabrics	034	0.24	0.25	2.80	0.71
Finished broadwoven fabrics	0342	0.24	0.36	2.57	1.75
Finished cotton broadwoven fabrics	034201	0.30	0.37	0.54	1.02
Finished manmade, silk, and other natural fiber (exc. cotton and wool) broadwoven fabrics	034203	0.38	0.49	4.16	2.50
Nonwoven fabrics and felts	0345	0.21	0.46	1.65	1.80
Nonwoven fabrics and felts	034503	0.21	0.46	1.65	1.80
Coated fabrics, not rubberized	0346	0.20	0.22	3.86	1.58
Coated fabrics, not rubberized	034601	0.20	0.22	3.86	1.58
Screen printed textile materials, embroideries, and lace goods	0347	0.37	0.28	3.15	1.23
Screen printed textile and apparel materials and embroideries	034701	0.36	0.28	3.16	1.23
Knit fabrics, finished in knitting mills	0348	0.33	0.25	3.88	3.38
Weft (circular) knit fabrics, knit and finished in the same establishment (excluding hosiery)	034801	0.00	0.00	1.89	5.60
Warp knit goods, knit and finished in the same establishment	034802	0.60	0.42	6.17	2.55
Apparel & other fabricated textile prods	038	0.18	0.20	2.03	0.99
Apparel	0381	0.10	0.17	1.25	1.53
Miscellaneous apparel and accessories	038104	0.08	0.08	3.51	1.13
Women's, girls', and infants' cut and sew apparel	038106	0.02	0.04	0.65	4.06
Men's and boys' cut and sew apparel	038107	0.14	0.28	2.05	1.24
Apparel made in knitting mills	038108	0.05	0.08	0.06	0.48
Textile house furnishings	0382	0.10	0.02	2.27	1.27
Textile house furnishings	038203	0.10	0.02	2.27	1.27
Industrial and other fabricated products	0383	0.38	0.27	2.88	1.41
Industrial and other fabricated products	038303	0.38	0.27	2.88	1.41
Miscellaneous textile products/services	039	0.17	0.33	6.12	5.16
Miscellaneous textile products/services	0394	0.17	0.33	6.12	5.16
Miscellaneous textile products/services	039401	0.17	0.33	6.12	5.16
Hides and skins, incl. cattle	041	2.75	1.63	25.07	5.55
Hides and skins, incl. cattle	0419	2.75	1.63	25.07	5.55
Hides, skins, and pelts, made in slaughtering plants	041901	2.75	1.63	25.07	5.55
Footwear	043	0.13	0.08	2.25	0.72
Men's nonathletic footwear	0431	0.17	0.09	2.63	0.68
Men's footwear (size 6 and larger), excluding athletic	043105	0.17	0.09	2.63	0.68
Women's nonathletic footwear	0432	0.00	0.00	1.59	1.35
Women's footwear (size 4 and larger), excluding athletic	043205	0.00	0.00	1.59	1.35
Other footwear including slippers	0439	0.00	0.00	0.33	0.21
Other footwear, excluding rubber and plastic soled footwear	043901	0.00	0.00	0.33	0.21

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Fuels and related products and power	05	2.02	-	3.01	-
Coal	051	3.02	2.22	2.62	2.56
Coal	0513	3.02	2.22	2.62	2.56
Coal	051301	3.02	2.22	2.62	2.56
Gas fuels	053	6.69	-	13.97	-
Natural gas	0531	7.58	-	28.62	-
Natural gas	053101	7.58	-	28.62	-
Natural gas liquids	0532	3.20	-	13.41	-
Natural gas liquids	053201	3.20	-	13.41	-
Electric power	054	0.84	0.34	3.27	0.72
Residential electric power	0541	0.69	0.32	4.13	0.74
Residential electric power	054121	0.69	0.32	4.13	0.74
Commercial electric power	0542	0.94	0.52	3.25	1.14
Commercial electric power	054221	0.94	0.52	3.25	1.14
Industrial electric power	0543	1.74	1.10	2.62	3.45
Industrial electric power	054321	1.74	1.10	2.62	3.45
Transportation electric power	0546	0.50	1.29	2.24	4.06
Transportation electric power	054621	0.50	1.29	2.24	4.06
Utility natural gas	055	0.69	0.43	7.97	2.52
Residential natural gas	0551	1.08	0.34	11.46	0.82
Residential natural gas	055121	1.08	0.34	11.46	0.82
Commercial natural gas	0552	1.29	0.46	10.95	1.78
Commercial natural gas	055221	1.29	0.46	10.95	1.78
Industrial natural gas	0553	1.62	1.38	10.13	3.08
Industrial natural gas	055321	1.62	1.38	10.13	3.08
Natural gas to electric power	0554	1.16	1.11	1.49	7.56
Natural gas to electric power	055421	1.16	1.11	1.49	7.56
Crude petroleum (domestic production)	056	3.74	-	13.83	-
Crude petroleum (domestic production)	0561	3.74	-	13.83	-
Crude petroleum (domestic production)	056101	3.74	-	13.83	-
Petroleum products, refined	057	3.27	0.84	9.64	1.77
Gasoline	0571	1.63	1.14	9.70	1.21
Unleaded premium gasoline	057103	2.19	1.53	9.89	1.70
Unleaded regular gasoline	057104	1.58	1.44	10.32	1.45
Unleaded mid-premium gasoline	057105	2.81	1.61	10.97	2.03
Kerosene and jet fuels	0572	3.49	2.00	11.34	1.35
Kerosene	057202	5.19	2.23	9.72	3.48
Jet fuel	057203	3.46	2.05	11.45	1.35
Light fuel oils	0573	3.76	1.83	7.58	5.05
Home heating oil and distillates	057302	5.94	2.39	7.45	3.92
No. 2 diesel fuel	057303	3.39	1.92	7.81	5.50
Residual fuels (heavy fuel oils, incl. #5, #6, & other residual fuels)	0574	5.83	3.52	12.73	5.90
Residual fuels (heavy fuel oils, incl. #5, #6, & other residual fuels)	057407	5.83	3.52	12.73	5.90
Finished lubricants	0576	0.11	0.12	0.36	0.68
Lubricating and similar oils	057604	0.14	0.15	0.46	0.79
Lubricating oil base stocks	0578	1.73	2.66	16.12	3.85
Lubricating oil base stocks	057801	1.73	2.66	16.12	3.85
Asphalt and other petroleum and coal products, n.e.c.	058	4.92	4.62	23.75	19.46
Asphalt and other petroleum and coal products, n.e.c.	0581	4.92	4.62	23.75	19.46
Asphalt	058102	2.21	2.02	7.34	7.45
Other petroleum and coal products, including coke oven products, n.e.c.	058103	6.73	5.68	33.49	24.97
Chemicals and allied products	06	0.25	0.30	0.64	0.73
Industrial chemicals	061	0.63	0.88	2.07	1.75
Basic inorganic chemicals	0613	0.53	0.62	2.78	3.01
Inorganic chemicals, other than alkalis and chlorine	061302	0.59	0.69	2.37	2.33
Alkalis and chlorine, including natural sodium carbonate and sulfate	061303	0.28	0.99	1.78	10.20

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Basic organic chemicals	0614	0.82	1.04	2.97	1.99
Primary basic organic chemicals	061401	2.40	2.81	15.21	3.82
Cyclic intermediate chemicals and dyes	061402	1.05	0.73	4.51	3.75
Other basic organics	061403	0.70	0.73	1.78	2.43
Paints and allied products	062	0.46	0.33	1.83	0.76
Prepared paint	0621	0.13	0.22	1.01	1.01
Architectural coatings	062101	0.02	0.05	0.35	0.90
OEM finishes excluding marine coatings	062102	0.45	0.35	2.73	1.81
Special purpose coatings, incl. marine, industrial & construction coatings	062103	0.24	0.49	0.85	1.08
Paint materials	0622	1.78	1.35	4.47	2.05
Paint colors	062202	2.07	1.56	4.45	2.32
Allied and miscellaneous paint products	0623	0.13	0.26	1.76	1.67
Allied and miscellaneous paint products	062301	0.13	0.26	1.76	1.67
Drugs and pharmaceuticals	063	0.07	0.11	0.82	0.50
Medicinal and botanical chemicals, drugs, and other products	0631	0.21	0.26	0.60	1.15
Medicinal and botanical chemicals, drugs, and other products	063102	0.21	0.26	0.60	1.15
Veterinary pharmaceutical preparations	0634	0.00	0.00	3.59	4.07
Pharmaceuticals for veterinary use	063403	0.00	0.00	3.59	4.07
Biological products, including diagnostics	0637	0.10	0.29	3.58	1.11
Biological products, excluding diagnostic, for veterinary, industrial, and all other misc. uses	063717	0.00	0.00	1.07	1.44
Diagnostics	063718	0.22	0.36	5.35	2.13
Biological products, excluding diagnostic, for human use	063719	0.00	0.03	2.79	0.80
Pharmaceutical preparations	0638	0.04	0.12	0.36	0.59
Pharmaceuticals affecting neoplasms, the endocrine system, & metabolic diseases	063801	0.00	0.00	0.33	0.86
Pharmaceuticals acting on the central nervous system and the sense organs	063802	0.00	0.00	2.69	0.88
Pharmaceuticals acting on the cardiovascular system	063803	0.00	0.13	0.37	1.32
Pharmaceuticals acting on the respiratory system	063804	0.00	0.00	14.52	4.77
Pharmaceuticals acting on the digestive or the genito-urinary systems	063805	0.00	0.00	2.23	5.91
Pharmaceuticals acting on the skin	063806	0.00	0.00	0.84	2.39
Vitamin, nutrient, and hematinic preparations	063807	0.11	0.09	1.81	0.88
Pharmaceuticals affecting parasitic and infective diseases	063808	0.01	0.01	0.63	0.56
Fats and oils, inedible	064	1.82	1.52	8.07	3.30
Fats and oils, inedible	0641	1.82	1.52	8.07	3.30
Fats and oils, inedible	064101	1.82	1.52	8.07	3.30
Agricultural chemicals and chemical products	065	0.83	0.58	5.59	1.40
Mixed fertilizers	0651	0.38	0.40	2.29	1.03
Mixed fertilizers	065105	0.38	0.40	2.29	1.03
Fertilizer materials	0652	1.48	1.17	13.92	2.40
Nitrogenates	065201	2.09	2.34	13.42	4.06
Phosphates	065202	1.33	0.56	13.30	2.15
Other agricultural chemicals	0653	0.12	0.25	0.57	2.18
Other agricultural chemicals	065301	0.12	0.25	0.57	2.18
Plastic resins and materials	066	0.79	0.82	2.11	3.87
Thermoplastic resins and plastics materials	0662	0.93	0.92	2.37	4.16
Thermoplastic resins and plastics materials	066212	0.93	0.92	2.37	4.16
Thermosetting resins and plastics materials	0663	1.49	1.88	1.83	7.28
Thermosetting resins and plastics materials	066306	1.49	1.88	1.83	7.28
Other chemicals and allied products	067	0.27	0.20	2.82	0.95
Soaps and detergents	0671	0.15	0.09	1.55	0.94
Soaps and other detergents	067104	0.15	0.09	1.55	0.94
Polish and other sanitation goods	0672	0.07	0.10	1.16	0.72
Polish and other sanitation goods	067201	0.07	0.10	1.16	0.72
Cosmetics and other toilet preparations	0675	0.07	0.05	1.49	0.87
Shaving preparations	067502	0.00	0.00	0.98	1.98
Hair preparations (including shampoos)	067504	0.00	0.07	1.03	0.76
Toothpastes, denture cleaners, and mouthwashes	067505	0.00	0.00	3.39	4.73
Creams, lotions, and oils, excluding shaving, hair, and deodorant	067514	0.00	0.00	2.31	1.45

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Other cosmetics and toilet preparations	067515	0.00	0.00	1.68	1.40
Misc. chemical prod. and preparations	0679	0.36	0.33	4.20	1.71
Explosives and blasting accessories	067902	0.27	0.18	7.78	1.43
Industrial gases	067903	1.95	1.84	12.42	8.87
Adhesives and sealants	067904	0.31	0.21	3.05	1.07
Surface active agents	067905	0.32	0.39	0.51	2.44
Gum and wood chemicals, including wood distillation products	067906	0.49	0.54	1.67	2.65
Other miscellaneous chemical products	067909	0.13	0.20	2.44	2.20
Rubber and plastic products	07	0.09	0.12	0.55	0.42
Rubber and rubber products	071	0.16	0.18	1.97	0.92
Synthetic rubber, inc. styrene-butadiene rubber (SBR) and ethylene propylene	0711	0.83	0.55	2.39	4.60
Synthetic rubber	071102	0.83	0.55	2.39	4.60
Tires, tubes, tread, & repair materials	0712	0.18	0.20	1.29	0.53
Tires	071201	0.18	0.20	1.25	0.55
Tread rubber, tire sundries, and repair materials	071203	0.02	0.03	3.10	0.78
Miscellaneous rubber products	0713	0.10	0.11	1.32	0.83
Rubber and plastics footwear, including athletic footwear	071301	0.00	0.00	0.32	0.15
Rubber and plastic belts and belting	071303	0.00	0.00	3.35	1.20
Rubber and plastics hose	071304	0.03	0.02	0.44	0.86
Miscellaneous rubber products, n.e.c.	071306	0.10	0.12	1.19	1.06
Plastic products	072	0.08	0.15	0.20	0.48
Plastic construction products	0721	0.16	0.17	1.07	0.70
Plastics construction products	072106	0.16	0.17	1.07	0.70
Unsupported plastic film, sheet and other shapes	0722	0.22	0.42	1.30	1.20
Unsupported plastics film, sheet, and other shapes	072205	0.22	0.42	1.30	1.20
Laminated plastic sheets, rods, and tubes	0723	0.10	0.14	1.94	0.55
Laminated plastics plates, sheet (except packaging), and shapes	072304	0.10	0.14	1.94	0.55
Parts for manufacturing from plastics	0726	0.07	0.15	0.49	1.31
Parts for transportation equipment	072601	0.07	0.10	1.06	1.94
Other parts and components for manufacturing	072602	0.02	0.10	0.74	1.29
Foam components for furniture	072603	0.00	0.00	1.85	1.37
Other plastic products	0729	0.30	0.44	1.20	1.51
Other plastics products	072901	0.30	0.44	1.20	1.51
Plastic packaging products	072A	0.12	0.26	0.76	1.62
Plastics packaging products	072A01	0.12	0.26	0.76	1.62
Consumer, institutional, and commercial products, n.e.c.	072B	0.16	0.17	1.26	0.88
All other consumer, institutional, and commercial products	072B01	0.16	0.17	1.26	0.88
Lumber and wood products	08	0.26	0.23	1.22	0.58
Lumber	081	1.02	0.75	6.68	2.08
Softwood lumber	0811	1.88	1.26	7.93	3.40
Softwood lumber, not edge worked	081106	2.28	1.46	8.64	3.94
Hardwood lumber	0812	0.40	0.40	6.14	2.77
Hardwood flooring	081204	0.28	0.27	1.50	0.75
Hardwood lumber, not edge worked	081205	0.71	0.66	2.18	2.59
Millwork	082	0.16	0.31	0.25	0.62
General millwork	0821	0.16	0.20	1.78	0.53
General millwork	082101	0.16	0.20	1.78	0.53
Prefabricated structural members	0822	0.76	0.88	4.29	1.87
Prefabricated structural members	082201	0.76	0.88	4.29	1.87
Plywood	083	0.79	0.46	1.88	1.36
Softwood veneer and plywood	0831	1.86	0.55	3.97	1.34
Softwood veneer and plywood	083103	1.86	0.55	3.97	1.34
Hardwood veneer and plywood	0835	0.40	0.43	2.57	2.63
Hardwood veneer and plywood	083501	0.40	0.43	2.57	2.63
Other wood products	084	0.11	0.20	1.17	1.19

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Wood pallets and pallet containers, wood and metal combination	0841	0.15	0.24	1.00	1.67
Wood pallets and pallet containers	084101	0.15	0.24	1.00	1.67
Wood boxes	0842	0.09	0.45	4.83	3.63
Wood boxes	084201	0.09	0.45	4.83	3.63
Miscellaneous wood products	0849	0.10	0.17	2.29	2.01
Sawn wood fence stock, wood lath, and contract resawing and planing	084904	0.00	0.00	0.00	1.12
All other miscellaneous wood products	084909	0.11	0.18	2.85	2.25
Logs, bolts, timber, pulpwood and wood chips	085	0.26	0.30	0.92	1.25
Logs, bolts, timber, pulpwood and wood chips	0851	0.26	0.30	0.92	1.25
Logs, bolts, timber, pulpwood and wood chips	085105	0.26	0.30	0.92	1.25
Prefabricated wood buildings & components	086	0.27	0.48	4.25	2.29
Prefabricated wood buildings & components	0861	0.27	0.48	4.25	2.29
Prefabricated wood buildings and components	086101	0.27	0.48	4.25	2.29
Treated wood and contract wood preserving	087	0.60	1.00	5.30	3.96
Treated wood and contract wood preserving	0871	0.60	1.00	5.30	3.96
Treated wood	087101	0.62	1.04	5.55	4.13
Contract wood preservation	087102	0.04	0.10	0.09	0.51
Pulp, paper, and allied products	09	0.17	0.16	1.61	0.90
Pulp, paper, and prod., ex. bldg. paper	091	0.12	0.20	2.06	1.16
Wood pulp	0911	1.46	1.05	5.19	3.90
Wood pulp	091105	1.46	1.05	5.19	3.90
Recyclable paper	0912	2.80	2.86	34.67	13.64
Corrugated recyclable paper	091203	3.51	1.78	31.91	6.39
High grade recyclable paper (including pulp substitutes and deinking)	091207	2.21	3.18	42.69	24.97
Paper	0913	0.22	0.30	1.84	0.78
Writing and printing papers	091301	0.52	0.53	3.12	1.11
Newsprint	091302	1.41	1.01	2.78	4.18
Packaging and industrial converting paper	091303	0.34	0.42	0.26	0.94
All other coated and processed papers	091305	0.46	0.37	4.99	3.31
Paperboard	0914	0.49	0.51	5.55	1.67
Corrugated paperboard in sheets and rolls, lined and unlined	091405	0.01	0.01	5.78	0.94
Paperboard, excluding corrugated paperboard in sheets and rolls	091411	0.53	0.63	5.50	2.02
Converted paper and paperboard products	0915	0.18	0.15	3.22	0.58
Sanitary paper products, including stock	091501	0.10	0.24	1.37	1.36
Paper, plastic, and foil bags	091502	0.24	0.20	0.51	1.17
Paper boxes and containers	091503	0.23	0.21	5.28	0.78
Other corrugated and solid fiber products, including containers, pallets, pads, etc.	091504	0.00	0.00	7.12	1.12
Office supplies and accessories	091506	0.87	0.93	2.37	1.10
Fiber cans, tubes, and similar fiber products	091507	0.23	0.43	2.61	2.75
Molded pulp goods, including egg cartons, florists pots, food trays, etc.	091508	1.05	0.87	9.02	4.93
Miscellaneous converted paper and paperboard products	091509	0.34	0.39	2.91	1.49
Pressure-sensitive products	0916	0.75	0.81	1.44	1.05
Pressure-sensitive products	091601	0.75	0.81	1.44	1.05
Building paper & building board mill prods.	092	2.61	0.79	16.91	2.02
Hardboard, particleboard & fiberboard prods.	0922	2.61	0.79	16.91	2.02
Particleboard and fiberboard	092201	2.64	0.83	17.73	2.06
Hardboard products	092202	0.01	0.01	2.49	1.70
Publications, printed matter and printing material	094	0.41	0.38	3.31	1.41
Books printing	0944	0.69	0.72	9.41	4.74
Books printing	094401	0.69	0.72	9.41	4.74
Commercial printing	0947	0.36	0.42	2.82	1.54
Magazine and periodical printing	094701	0.21	0.15	0.69	2.16
Label and wrapper printing for packaging	094702	0.29	0.63	1.28	2.77
Catalog and directory printing	094703	0.03	0.04	0.52	1.78
Advertising printing	094705	0.14	0.27	1.07	2.88
Other general job printing	094706	0.09	0.61	1.00	2.36

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Other commercial printing, incl. screen, engraving, digital, & general job exc. labels/wrappers	094711	0.65	0.53	6.86	2.62
Metals and metal products	10	1.43	0.40	6.58	0.83
Iron and steel	101	2.16	1.05	6.44	2.31
Iron ores	1011	0.69	0.13	3.12	0.59
Iron ores	101105	0.69	0.13	3.12	0.59
Iron and steel scrap	1012	2.15	0.74	2.04	1.53
Carbon steel scrap	101211	2.33	0.78	2.45	1.63
Stainless and other alloy steel scrap	101212	2.98	2.10	6.93	3.75
Cast iron scrap	101213	1.41	1.77	4.50	6.46
Foundry and forge shop products	1015	0.31	0.23	1.23	1.12
Pressure and soil pipe and fittings, cast iron	101502	0.15	0.22	3.59	1.01
Other gray and ductile iron castings	101504	0.22	0.09	1.11	0.37
Standard and pearlitic malleable iron castings	101505	0.02	0.12	2.34	15.55
Steel investment castings	101506	0.20	0.34	3.75	1.60
Carbon steel castings, except investment	101507	0.00	0.00	1.78	1.16
High alloy steel castings, excluding investment	101508	0.00	0.00	8.16	9.96
Other alloy steel castings, except investment	101509	0.09	0.11	2.56	1.58
Other forge shop products	101513	0.40	0.37	3.31	3.06
Steel mill products	1017	2.91	1.59	9.70	3.53
Semifinished steel mill products	101702	1.48	0.52	3.54	1.55
Hot rolled steel bars, plates, and structural shapes	101704	0.85	0.82	6.93	1.14
Steel wire	101705	0.46	0.37	3.93	1.47
Steel pipe and tube	101706	0.85	0.66	5.25	3.67
Cold rolled steel sheet and strip	101707	2.50	2.10	9.85	4.61
Cold finished steel bars and bar shapes	101708	1.06	1.44	2.99	2.11
Electrometallurgical ferroalloy products	101712	1.42	2.00	5.68	5.56
Nonferrous metals	102	1.81	1.01	13.86	1.71
Nonferrous metal ores	1021	3.17	3.02	19.32	6.82
Primary nonferrous metals	1022	5.41	1.28	29.01	4.60
Primary nonferrous metals	102201	5.41	1.28	29.01	4.60
Nonferrous scrap	1023	2.19	2.09	17.25	5.27
Copper base scrap	102301	2.87	2.17	9.77	3.89
Aluminum base scrap	102302	1.90	2.72	22.87	9.22
Other nonferrous scrap (including lead, zinc and precious metals)	102303	3.37	3.22	19.15	10.65
Secondary nonferrous metals	1024	2.43	1.27	16.03	6.30
Secondary aluminum	102402	1.47	0.50	11.35	3.64
Secondary copper, alloyed and unalloyed	102403	2.04	2.62	16.56	4.87
Secondary precious metals	102406	3.51	3.26	40.72	8.43
All other miscellaneous secondary nonferrous metals, including lead and zinc	102408	1.49	2.02	3.51	3.75
Nonferrous mill shapes	1025	2.01	0.45	12.73	1.26
Aluminum mill shapes	102501	2.34	0.24	17.48	0.77
Copper and brass mill shapes	102502	2.46	0.94	5.98	3.62
Nickel and nickel-base alloy mill shapes	102504	0.61	0.64	1.08	1.88
Titanium and titanium-base alloy mill shapes	102505	0.10	0.38	8.52	8.17
Other nonferrous mill shapes	102519	1.37	1.25	4.86	5.10
Nonferrous wire and cable	1026	2.75	0.78	9.27	1.43
Nonferrous wire and cable	102603	2.75	0.78	9.27	1.43
Nonferrous forge shop products	1027	0.20	0.22	5.45	3.86
Nonferrous forge shop products	102701	0.20	0.22	5.45	3.86
Nonferrous foundry shop products	1028	0.32	0.19	4.68	1.22
Aluminum castings	102802	0.11	0.07	3.85	1.84
Castings, nonferrous (except aluminum)	102807	0.73	0.48	6.41	1.60
Metal containers	103	0.33	0.32	4.38	0.97
Metal cans and can components	1031	0.40	0.36	5.13	1.18
Steel cans and tinware end products	103102	0.43	0.32	9.92	2.49
Aluminum cans and can components	103103	0.05	0.05	0.98	0.94

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Barrels, drums, pails and other metal containers	1032	0.59	0.47	1.75	1.50
Barrels, drums, pails and other metal containers	103201	0.59	0.47	1.75	1.50
Hardware	104	0.34	0.23	5.33	0.70
Hardware, n.e.c.	1041	0.25	0.30	4.81	0.77
Builders' hardware	104101	0.49	0.33	7.66	0.90
Transportation equipment hardware	104103	0.09	0.25	1.07	1.03
Furniture hardware	104104	0.59	0.70	3.65	3.07
Other miscellaneous hardware	104105	0.11	0.91	1.04	3.05
Hand and edge tools	1042	0.50	0.34	6.37	1.45
Hand and edge tools	104201	0.50	0.34	6.37	1.45
Plumbing fixtures and fittings	105	0.52	0.46	5.22	0.86
Plumbing fixture fittings and trim	1054	0.00	0.00	6.00	1.01
Plumbing fixtures, fittings, and trim	105402	0.00	0.00	6.00	1.01
Heating equipment	106	0.17	0.38	6.86	0.79
Steam and hot water equipment	1061	0.18	0.14	-	-
Steam and hot water equipment	106101	0.18	0.14	-	-
Furnaces and heaters, including parts	1062	0.26	0.76	7.29	1.78
Furnaces and heaters, including parts	106201	0.26	0.76	7.29	1.78
Other heating equipment, non-electric, including parts	1063	0.29	0.32	4.63	1.53
Other heating equipment, non-electric, including parts	106301	0.29	0.32	4.63	1.53
Domestic heating stoves	1064	0.00	0.00	0.00	0.00
Domestic heating stoves	106401	0.00	0.00	0.00	0.00
Domestic water heaters	1066	0.00	0.00	8.80	0.62
Domestic water heaters	106601	0.00	0.00	8.80	0.62
Fabricated structural metal products	107	0.69	0.30	6.38	1.36
Metal doors, sash, and trim	1071	0.62	0.44	6.01	2.27
Metal doors and frames (except storm)	107102	0.19	0.25	5.20	2.08
Metal windows (except storm sash)	107103	0.63	0.56	2.84	2.90
Metal molding and trim and store fronts	107104	0.06	1.39	20.37	7.18
Metal combination screen, storm sash, and storm doors	107105	0.00	0.00	2.95	0.54
Metal tanks	1072	0.30	0.41	6.42	3.28
Metal tanks	107201	0.30	0.41	6.42	3.28
Sheet metal products	1073	0.48	0.37	4.55	1.70
Sheet metal products	107301	0.48	0.37	4.55	1.70
Structural, architectural, and pre-engineered metal products	1074	0.58	0.37	6.89	2.27
Fabricated structural metal	107405	0.92	0.62	8.29	3.24
Custom roll form products	107407	0.22	0.35	2.86	1.22
Ornamental and architectural metal work	107408	0.26	0.29	9.74	5.97
Fabricated metal pipe, tube, and fittings	107411	0.29	0.41	4.53	1.80
Heat exchangers and steam condensers	1075	0.59	0.52	9.41	2.29
Heat exchangers and steam condensers	107501	0.59	0.52	9.41	2.29
Fabricated steel plate	1076	0.00	0.00	12.72	12.40
Fabricated steel plate	107601	0.00	0.00	12.72	12.40
Prefabricated metal buildings	1079	0.64	1.31	2.13	2.94
Prefabricated metal building systems (excl. farm service bldgs, residential bldgs, and parts)	107901	0.06	0.07	1.49	1.87
Farm service buildings and other prefabricated and portable buildings, steel and aluminum	107902	0.33	0.48	0.70	2.04
Panels, parts, and sections for prefabricated buildings, steel and aluminum	107903	1.79	2.21	8.17	3.52
Miscellaneous metal products	108	0.29	0.16	2.94	0.91
Bolts, nuts, screws, rivets, and washers	1081	0.25	0.17	3.60	2.45
Externally threaded fasteners, except aircraft types	108102	0.36	0.30	2.54	1.89
Internally threaded fasteners, except aircraft types	108103	0.03	0.09	3.00	2.55
Nonthreaded metal fasteners, except aircraft types	108104	0.00	0.00	5.25	2.12
Aircraft fasteners, except plastics (including aerospace)	108105	0.00	0.00	5.83	6.29
Formed products, except fasteners, made by cold-, warm-, or hot-heading processes	108106	0.00	0.00	0.33	0.68
Lighting fixtures	1083	0.28	0.40	5.66	1.48
Commercial, institutional and industrial electric lighting fixtures	108303	0.17	0.40	5.01	2.47
Other lighting equipment	108305	0.00	0.00	7.80	1.76

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Ordnance and ordnance accessories, n.e.c.	1086	0.00	0.00	0.00	0.00
Ordnance and ordnance accessories, n.e.c.	108601	0.00	0.00	0.00	0.00
Fabricated ferrous wire products	1088	0.31	0.27	4.74	2.04
Ferrous wire rope, cable, forms and strand	108801	0.08	0.11	1.43	0.99
Ferrous wire cloth, other woven wire products	108807	0.59	0.87	2.94	3.19
Other fabricated ferrous wire products	108809	0.35	0.38	6.18	2.86
Steel nails, staples, tacks, spikes and brads	108812	0.17	0.22	3.08	1.79
Other miscellaneous metal products	1089	0.29	0.19	2.53	1.05
Wire springs	108904	0.04	0.15	6.17	4.53
Other metal products	108905	0.27	0.18	3.13	1.17
Metal stampings n.e.c.	108907	0.39	0.50	1.53	2.54
Metal foil and leaf	108908	0.27	0.22	0.27	1.24
Heavy gauge springs	108909	0.27	1.03	3.46	4.68
Machinery and equipment	11	0.41	0.13	3.71	0.37
Agricultural machinery and equipment	111	0.14	0.24	1.11	0.72
Agricultural machinery and equipment	1114	0.14	0.24	1.11	0.72
Commercial turf and grounds care equipment, including parts and attachments	111401	0.25	0.19	3.34	1.22
Farm plows, harrows, rollers, pulverizers, etc., and attachments	111402	0.00	0.00	1.04	1.09
Farm dairy equipment, sprayers and dusters, farm blowers, and attachments	111404	0.00	0.00	0.14	1.50
Planting, seeding, and fertilizing machinery and attachments	111405	0.69	0.42	1.49	0.43
Harvesting machinery (except hay and straw) and attachments	111406	0.00	0.00	1.58	0.81
Haying machinery and attachments	111407	0.01	0.01	0.75	0.65
All other farm machinery and equipment, excluding parts, including attachments	111408	0.12	0.31	0.82	1.67
Parts for farm machinery, for sale separately	111409	0.21	0.30	1.40	2.10
Construction machinery and equipment	112	0.46	0.28	3.19	1.59
Tractors and attachments, ex. parts	112A	0.10	0.19	0.67	2.23
Construction machinery for mounting (excluding parts, winches, snow clearing attachments)	112A03	0.00	0.00	1.50	1.63
Tractor shovel loaders (skid steer, wheel, crawler, and integral design backhoes)	112A04	0.00	0.00	1.33	0.79
Construction wheel and crawler tractors, dozers, self-propelled log skidders, etc.	112A05	0.03	0.09	3.60	6.39
Power cranes, draglines, & shovels (excavators) (incl. surface mining equipment) (excl. parts)	112B	0.14	0.24	0.29	0.54
Power cranes, draglines, & shovels (excavators) (incl. surface mining equip.) (excluding parts)	112B05	0.14	0.24	0.29	0.54
Mixers, pavers, and related equipment (excluding parts)	112C	0.00	0.00	1.57	2.50
Mixers, pavers, and related equipment (excluding parts)	112C01	0.00	0.00	1.57	2.50
Off-highway, equipment, ex. parts	112D	0.01	0.05	0.99	1.41
Graders, rollers & compactors, rough-terrain forklifts, scrapers, trenchers, etc. (excl. parts)	112D03	0.00	0.00	0.28	0.76
Misc. construction machinery and equipment	112J	0.12	0.08	2.97	1.11
Winches, aerial work platforms, and automotive wrecker hoists, including parts and attachments	112J01	0.01	0.01	3.02	1.29
Other construction machinery and equipment (excluding parts)	112J03	0.00	0.00	2.90	1.58
Parts for construction machinery and equipment, sold separately	112K	2.49	1.64	29.50	18.73
Parts for construction machinery and equipment, sold separately	112K01	2.49	1.64	29.50	18.73
Metalworking machinery and equipment	113	0.44	0.22	4.06	0.90
Welding machines and equipment	1133	0.33	0.36	7.60	1.23
Arc welding machines, components, and accessories, excluding electrodes and stud welding equip	113301	0.27	0.32	10.10	1.50
Resistance welders, components, accessories, and electrodes	113302	0.00	0.00	4.74	0.75
Gas welding and cutting equipment, parts, attachments, and accessories	113304	0.00	0.00	3.74	1.01
Other welding equipment, components, and accessories (excluding arc, resistance, and gas)	113306	0.32	0.23	6.68	1.92
Industrial process furnaces and ovens	1134	0.18	0.17	6.74	1.27
Industrial process furnaces and ovens, except parts and attachments	113407	0.18	0.20	4.97	0.95
Parts and attachments for industrial process furnaces and ovens	113409	0.00	0.00	10.63	3.21
Cutting tools and accessories	1135	0.26	0.13	3.23	0.99
Small cutting tools	113501	0.15	0.11	2.45	0.52
Other machine tool attachments and accessories	113505	0.00	0.00	1.41	0.99
Abrasive products	1136	0.38	0.42	3.62	1.87
Nonmetallic sized grains, powders, and flour abrasives (incl. graded only)	113601	0.00	0.00	1.01	1.00
Nonmetallic abrasive products (including diamond abrasives)	113603	0.13	0.11	6.88	0.49
Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps	113605	0.33	0.56	2.46	3.01

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Metal cutting machine tools	1137	0.16	0.13	2.86	1.60
Other metal-cutting machine tools	113720	0.00	0.01	0.99	1.78
Rebuilt metal-cutting machine tools and parts for metal-cutting machine tools	113753	0.13	0.68	4.62	5.78
Metal forming machine tools	1138	0.00	0.00	2.47	1.14
Metal-forming machine tools (except rebuilt and parts)	113826	0.00	0.00	1.47	1.13
Rebuilt metal-forming machine tools and parts for metal-forming machine tools	113852	0.00	0.00	4.34	2.57
Tools, dies, jigs, fixtures & ind. molds	1139	0.23	0.24	3.52	2.60
Special tools, dies, jigs, and fixtures	113901	0.23	0.31	3.60	1.79
Industrial molds and mold boxes	113903	0.04	0.07	3.61	5.46
Metalworking machinery n. e. c.	113A	0.13	0.20	3.53	1.16
Rolling mill and other metalworking machinery, including assembly machines	113A03	0.13	0.20	3.53	1.16
General purpose machinery and equipment	114	0.56	0.18	5.26	0.63
Pumps, compressors, and equipment	1141	0.44	0.22	7.27	1.79
Industrial pumps, except hydraulic fluid power pumps	114102	0.41	0.25	6.15	0.98
Parts and attachments for air and gas compressors and vacuum pumps	114107	0.58	0.59	6.22	2.51
Domestic water systems	114113	0.05	0.15	24.64	15.53
Air and gas compressors and vacuum pumps	114115	0.23	0.11	6.25	0.99
Other pumps, including parts and attachments	114119	0.20	0.17	2.60	1.65
Elevators, escalators, and other lifts	1142	0.08	0.08	2.97	1.39
Elevators and moving stairways	114201	0.00	0.00	2.89	1.58
Parts and attachments for elevators and moving stairs (sold separately)	114202	0.56	0.44	4.19	1.78
Fluid power equipment	1143	0.47	0.38	5.52	2.54
Fluid power pumps and parts	114301	0.50	0.27	3.99	2.09
Fluid power valves	114302	0.30	0.35	7.04	4.71
Fluid power cylinders, actuators, accumulators, cushions, & parts	114303	0.25	0.29	4.68	2.16
Fluid power hose and tube fittings	114304	0.15	0.37	9.96	7.93
Parts for fluid power valves	114305	0.24	0.49	13.92	7.25
Industrial material handling equipment	1144	0.47	0.23	5.62	1.16
Conveying equipment, except parts and accessories	114402	0.37	0.38	2.60	2.26
Industrial trucks, trailers, and stackers	114403	0.30	0.21	8.22	1.92
Hoists, overhead cranes, and monorail systems	114404	0.25	0.27	5.36	1.72
Parts and accessories for conveyors and conveying systems	114406	0.42	0.46	6.73	1.88
Mechanical power transmission equipment	1145	0.46	0.39	6.79	1.82
Speed changers, drives, gears	114501	0.25	0.38	5.36	2.05
Other power transmission equipment	114502	0.59	0.42	7.76	2.25
Scales and balances	1146	0.16	0.14	3.19	1.06
Vehicle and industrial scales	114611	0.13	0.14	2.32	1.21
Retail, commercial, household, and mailing scales and balances	114612	0.00	0.00	6.53	3.87
Parts, attachments, and accessories for scales and balances	114613	0.33	0.58	5.15	2.51
Air purification equipment and industrial and commercial fans and blowers	1147	0.12	0.14	0.98	0.67
Fan, blower, air purification equipment	114701	0.12	0.14	0.98	0.67
Air conditioning and refrigeration equip	1148	0.63	0.63	3.54	1.25
Unitary air-conditioners, except air source heat pumps	114802	1.65	1.32	1.46	2.98
Commercial refrigeration equipment	114803	0.00	0.00	4.35	2.12
All other miscellaneous refrigeration and air-conditioning equipment	114806	0.00	0.00	1.91	1.32
Heat transfer equipment, including heat pumps	114807	0.48	0.50	3.91	0.89
Parts and accessories for air conditioning and heat transfer equipment	114809	0.12	0.59	4.10	1.75
Refrigeration condensing units	114815	0.00	0.00	2.08	2.74
Miscellaneous general purpose equipment	1149	0.44	0.18	5.11	0.53
Metal valves, except fluid power	114902	0.58	0.27	6.45	1.01
Metal pipe fittings, flanges, and unions	114903	0.30	0.10	4.48	3.22
Ball and roller bearings	114905	0.29	0.13	7.67	0.98
Filters and strainers	114908	0.06	0.11	1.55	1.21
Other miscellaneous general purpose equipment	114911	0.25	0.21	4.77	0.99
Electronic computers and computer equipment	115	0.28	0.61	3.37	3.08
Electronic computers	1151	0.12	0.17	0.79	2.13
Electronic computers	115101	0.12	0.17	0.79	2.13

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Computer storage devices	1152	0.95	1.34	2.69	8.84
Computer storage devices (except parts, attachments and accessories)	115201	0.66	1.21	1.69	4.42
Computer peripheral equipment and parts	1154	0.00	0.00	4.30	3.62
Parts, attachments, and accessories for computer terminals and peripherals	115405	0.00	0.00	0.00	0.00
Computer terminals (including POS and funds-transfer devices) and other computer peripherals	115406	0.00	0.00	8.59	2.05
Special industry machinery and equipment	116	0.32	0.23	3.22	0.89
Food products machinery	1161	0.19	0.21	2.60	0.85
Dairy and milk products plant machinery and equipment	116101	0.00	0.00	3.13	4.96
Commercial food products machinery (except packaging and cooking equipment)	116104	0.34	0.43	2.87	1.23
Industrial food products machinery for processing foods, beverages, & animal & fowl feed	116105	0.02	0.01	2.17	0.89
Sawmill and woodworking machinery	1163	0.03	0.04	6.85	3.68
Sawmill and woodworking machinery	116306	0.03	0.04	6.85	3.68
Paper industries machinery	1164	0.22	0.19	2.09	1.10
Paper industries machinery	116401	0.22	0.19	2.09	1.10
Printing trades machinery and equipment	1165	0.40	0.34	1.30	0.88
Other special industry machinery	1166	0.38	0.47	3.24	1.61
Plastics-working and rubber-working machinery and equipment	116603	0.01	0.02	1.73	1.41
All other industrial machinery	116606	0.41	0.53	3.47	1.84
Packing, packaging, and bottling machinery and parts	1167	0.41	0.43	5.40	2.27
Packing, packaging, and bottling machinery and parts	116705	0.41	0.43	5.40	2.27
Service industry machinery and parts	1168	0.24	0.21	3.42	1.90
Service industry machinery and parts	116801	0.24	0.21	3.42	1.90
Electrical machinery and equipment	117	0.40	0.26	3.16	0.69
Wiring devices	1171	0.53	0.41	2.84	2.98
Current-carrying wiring devices	117101	0.44	0.59	3.10	2.10
Noncurrent-carrying wiring devices	117102	0.36	0.67	4.79	5.79
Integrating and measuring instruments	1172	0.37	0.27	2.86	2.40
Test equipment for electrical, radio, & communication circuits & motors	117205	0.37	0.27	2.86	2.40
Motors, generators, motor generator sets	1173	0.56	0.37	6.30	3.27
Fractional horsepower motors and generators	117303	0.00	0.00	2.61	1.83
Integral horsepower motors and generators (excluding land transportation types)	117304	0.08	0.09	3.12	0.54
Parts and supplies for motors and generators	117309	0.41	0.33	20.82	19.05
Other motors and generators	117311	0.27	0.50	4.36	2.70
Transformers and power regulators	1174	0.08	0.04	2.53	0.36
Power and distribution transformers, except parts	117409	0.07	0.01	2.67	0.18
Other transformers and parts for transformers	117411	0.00	0.02	1.84	1.67
Switchgear, switchboard, industrial controls equipment	1175	0.95	0.60	10.04	2.34
Industrial controls and related parts and accessories	117507	0.35	0.89	8.78	2.16
Switchgear and switchboard apparatus	117522	0.98	0.73	10.74	3.41
Communications and related equipment and miscellaneous electronic systems & equipment	1176	0.25	0.36	4.59	1.28
Telephone and wireline data networking equipment	117601	0.32	0.44	7.56	6.17
Other communications and related equipment, including broadcast and wireless	117603	0.29	0.20	4.61	0.95
Electronic systems and equipment, n.e.c.	117605	0.00	0.00	2.78	9.34
Search, detection, navigation & guidance systems and equipment	117606	0.06	0.07	7.02	1.81
Electric lamp bulbs, tubes, and components	1177	0.00	0.00	5.23	1.14
Electric lamp bulbs, tubes, and components	117704	0.00	0.00	5.23	1.14
Electronic components and accessories	1178	0.47	0.52	0.67	1.71
Relays for electronic circuitry, industrial control overload, and switchgear type	117821	0.00	0.00	4.26	3.99
Switches, mechanical, for electronic circuitry	117822	0.05	0.09	7.74	2.43
Connectors for electronic circuitry	117824	0.92	0.54	5.95	1.29
Filters, crystals, and transducers	117828	0.11	0.13	4.66	2.34
Integrated circuit packages, including microprocessors	117839	0.09	0.65	4.06	2.22
Other semiconductor devices, incl. transistors, diodes, and semiconductor parts such as wafers	117847	0.31	0.25	4.45	2.93
Bare printed circuit boards	117849	0.18	0.45	4.75	4.49
Electronic coils, transformers, and other inductors	117853	0.00	0.00	6.71	3.08
Capacitors and resistors for electronic circuitry	117854	0.10	0.11	4.01	2.28
Microwave components, electron tubes, and other electronic components, n.e.c.	117856	0.24	0.35	2.24	1.69

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Printed circuit assemblies, loaded boards, modules and consumer external modems	117861	2.07	2.36	8.58	7.68
Miscellaneous electrical machinery and equipment	1179	0.20	0.14	1.52	0.41
Storage batteries	117901	0.15	0.19	4.57	1.16
Primary batteries	117902	0.16	0.01	0.77	0.05
Carbon and graphite products	117903	0.00	0.00	4.22	4.31
X-ray and electromedical equipment	117905	0.04	0.06	1.16	0.37
Miscellaneous electrical industrial apparatus	117929	0.09	0.20	4.58	2.04
All other electrical equipment and components, except industrial	117939	0.00	0.00	0.00	3.89
Miscellaneous instruments	118	0.36	0.24	6.02	1.77
Automatic environmental controls for monitoring residential, commercial, and appliance use	1181	0.41	0.66	4.63	3.57
Automatic environmental controls for monitoring residential, commercial, and appliance use	118105	0.41	0.66	4.63	3.57
Industrial process control instruments	1182	0.40	0.38	6.12	1.12
Industrial process control instruments	118201	0.40	0.38	6.12	1.12
Fluid meters and counting devices	1184	0.29	0.24	4.41	1.16
Fluid meters and counting devices	118401	0.29	0.24	4.41	1.16
Engineering and scientific instruments	1185	0.00	0.00	14.07	7.45
Aeronautical, nautical, and navigational instruments	118501	0.00	0.00	15.04	8.37
Hospital beds and specialized hospital furniture	118504	0.00	0.00	10.35	7.97
Measuring instruments and lenses	1186	0.31	0.34	2.60	0.87
Sighting, tracking, and fire-control equipment, optical type	118601	1.68	2.10	2.84	4.39
All other miscellaneous optical instruments and lenses	118602	0.20	0.26	6.01	3.85
Laboratory analytical instruments	118603	0.20	0.37	2.27	0.79
Measuring & controlling devices, n.e.c.	1189	0.53	0.30	4.44	1.77
Aircraft engine instruments	118901	0.00	0.00	2.56	3.75
Nuclear radiation detection & monitoring instruments	118904	0.00	0.00	6.77	5.47
Physical properties and kinematic testing equipment	118905	0.21	0.19	4.88	2.23
Commercial, geophysical, meteorological, surveying & all other measuring & controlling devices	118906	0.01	0.01	3.85	1.73
Miscellaneous machinery	119	0.15	0.14	2.29	0.62
Oil field and gas field machinery	1191	0.00	0.00	1.71	2.47
Oil and gas field drilling, surveying, and cementing machinery (except parts sold separately)	119102	0.00	0.00	1.24	2.65
Oil field and gas field production machinery (except pumps and parts sold separately)	119104	0.00	0.00	2.78	3.67
Parts and attachments for oil and gas field machinery and equipment	119106	0.00	0.00	2.09	4.89
Mining machinery and equipment	1192	0.05	0.10	1.28	0.75
Mining machinery and equipment (except parts sold separately)	119207	0.01	0.01	1.18	0.68
Parts and attachments for mining machinery and equipment (sold separately)	119253	0.08	0.20	0.66	2.58
Internal combustion engines	1194	0.08	0.07	3.41	0.48
Diesel, semidiesel, and dual-fuel engines (except automotive)	119407	0.00	0.00	4.39	0.67
Diesel, semidiesel, and dual-fuel engines for automobiles, trucks, and buses	119408	0.00	0.00	2.63	0.31
Parts & accessories for internal combustion engines, ex. aircraft & gasoline automotive engines	119413	0.03	0.05	3.59	1.33
Machine shop products	1195	0.14	0.22	1.04	1.06
Machine shop products	119505	0.14	0.22	1.04	1.06
Turbines and turbine generator sets	1197	0.38	0.50	4.55	0.96
Turbines and turbine generator sets (excluding parts)	119701	0.38	0.50	4.55	0.96
Parts & accesories for turbines, turbine generators, and turbine generator sets	1198	0.02	0.02	4.86	7.27
Parts & accesories for turbines, turbine generators, and turbine generator sets	119801	0.02	0.02	4.86	7.27
Furniture and household durables	12	0.35	0.19	3.14	0.44
Household furniture	121	0.25	0.13	3.08	0.73
Wood household furniture (nonupholstered)	1212	0.52	0.34	5.89	2.42
Wood household furniture (nonupholstered)	121206	0.52	0.34	5.89	2.42
Upholstered household furniture	1213	0.15	0.16	3.03	1.07
Upholstered household furniture	121301	0.15	0.16	3.03	1.07
Bedding	1214	0.08	0.10	2.03	1.47
Bedding	121401	0.08	0.10	2.03	1.47
Commercial furniture	122	0.36	0.39	4.23	1.08
Wood office furniture and store fixtures	1221	0.34	0.35	4.53	1.52
Wood office furniture and store fixtures	122101	0.34	0.35	4.53	1.52

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Nonwood furniture and store fixtures	1222	0.42	0.60	3.50	1.38
Nonwood commercial storage units, files, and tables	122202	0.54	1.14	5.73	1.68
Nonwood commercial furniture	122203	0.34	0.69	4.06	1.80
Nonwood partitions and fixtures	122204	0.28	1.23	2.49	2.88
Public building furniture	1223	0.30	0.21	6.68	5.54
Public building furniture	122301	0.30	0.21	6.68	5.54
Commercial furniture and fixtures, n.e.c.	1224	0.19	0.20	4.12	1.52
Commercial furniture and fixtures, n.e.c.	122401	0.19	0.20	4.12	1.52
Floor coverings	123	0.44	0.36	0.88	0.93
Carpets and rugs	1231	0.51	0.42	0.97	1.06
Carpet and rugs	123101	0.51	0.42	0.97	1.06
Resilient floor coverings	1232	0.00	0.00	0.62	0.42
Resilient floor coverings	123201	0.00	0.00	0.62	0.42
Household appliances	124	0.28	0.33	1.64	0.61
Major appliances	1241	0.34	0.39	1.62	0.71
Household cooking appliances	124101	0.85	0.53	2.58	1.19
Household refrigeration equipment	124103	0.35	0.86	2.61	0.77
Other major household appliances including room air-conditioners	124104	0.38	0.75	1.35	2.02
Household vacuum cleaners, including parts and attachments	1243	0.52	1.40	0.79	1.79
Household vacuum cleaners and other floor care machines (including parts and attachments)	124301	0.52	1.40	0.79	1.79
Electric housewares and fans	1244	0.05	0.07	2.99	1.25
Parts and attachments for small electric household appliances, including fan parts	124403	0.00	0.00	1.82	1.44
Small electric household appliances, including fans	124404	0.05	0.07	2.99	1.26
Home electronic equipment	125	0.00	0.00	3.19	2.68
Speakers and commercial sound equipment	1257	0.00	0.00	4.24	2.43
Speakers and commercial sound equipment	125707	0.00	0.00	4.24	2.43
Other home electronic equipment	1258	0.00	0.00	3.06	4.04
Other home electronic equipment, including television receivers and automotive A/V equipment	125803	0.00	0.00	3.06	3.99
Other household durable goods	126	0.22	0.36	3.69	1.02
Vitreous china, fine earthenware, and other pottery products	1261	0.14	0.14	3.08	2.21
Vitreous china, porcelain, and earthenware table and kitchenware and other pottery products	126101	0.14	0.14	3.08	2.21
Mirrors (decorated and undecorated)	1265	0.69	0.49	7.43	2.76
Mirrors (decorated and undecorated), made from purchased glass	126501	0.69	0.49	7.43	2.76
Lawn/garden equipment	1266	0.07	0.15	0.37	0.78
Parts and attachments for consumer lawn, garden, and snow equipment	126605	0.10	0.25	1.40	1.64
Consumer lawn, garden, and snow equipment	126607	0.08	0.13	0.47	0.82
Nonmetallic mineral products	13	0.21	0.17	2.71	0.54
Glass	131	0.20	0.30	1.81	1.13
Flat glass	1311	0.21	0.35	1.84	1.35
Specialty glass	131107	0.26	0.40	1.43	1.74
Flat glass (float, sheet, and plate process)	131108	0.64	0.71	3.28	0.96
Pressed and blown glassware	1313	0.31	0.33	0.87	1.47
Pressed and blown glassware	131301	0.31	0.33	0.87	1.47
Concrete ingredients and related products	132	0.18	0.19	5.75	0.90
Construction sand, gravel and crushed stone	1321	0.23	0.21	7.32	1.25
Construction sand, gravel and crushed stone	132101	0.23	0.21	7.32	1.25
Cement, hydraulic	1322	0.13	0.32	1.64	0.74
Cement, hydraulic	132201	0.13	0.32	1.64	0.74
Concrete products	133	0.13	0.26	2.04	1.18
Concrete block and brick	1331	0.05	0.04	3.43	0.61
Structural concrete block	133111	0.12	0.08	3.14	0.86
Decorative concrete block	133121	0.00	0.00	3.26	1.36
Concrete brick	133131	0.00	0.00	4.66	1.50
Concrete pavers	133141	0.00	0.00	3.26	1.06
Concrete pipe	1332	0.45	0.53	7.40	2.16
Concrete pipe	133201	0.45	0.53	7.40	2.16

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Ready-mix concrete	1333	0.31	0.36	0.66	1.53
Ready-mix concrete	133301	0.31	0.36	0.66	1.53
Precast concrete products	1334	0.56	0.52	5.11	2.43
Precast concrete products	133401	0.56	0.52	5.11	2.43
Prestressed concrete products	1335	0.08	0.11	1.13	1.36
Prestressed concrete products	133501	0.08	0.11	1.13	1.36
Clay construction products ex. refractories	134	0.12	0.15	1.55	0.53
Brick and structural clay tile	1342	0.00	0.00	1.63	0.37
Building or common brick	134201	0.00	0.00	1.56	0.38
Glazed brick and other brick (paving, floor, and sewer)	134202	0.00	0.00	5.91	1.59
Clay floor and wall tile, glazed and unglazed (including quarry tile and ceramic mosaic tile)	1344	0.14	0.33	1.37	0.91
Clay floor and wall tile, glazed and unglazed (including quarry tile and ceramic mosaic tile)	134401	0.14	0.33	1.37	0.91
Structural clay products, n.e.c.	1345	0.00	0.00	5.39	4.47
Structural clay products, n.e.c.	134501	0.00	0.00	5.39	4.47
Refractories	135	0.19	0.36	1.56	0.98
Clay refractories	1352	0.00	0.00	0.95	1.02
Clay refractories	135201	0.00	0.00	0.95	1.02
Nonclay refractories (excluding dead-burned magnesia)	1353	0.72	0.97	2.88	1.51
Nonclay refractories (excluding dead-burned magnesia)	135301	0.72	0.97	2.88	1.51
Asphalt felts and coatings	136	0.34	1.21	1.25	1.35
Prepared asphalt and tar roofing and siding products	1361	0.40	1.43	1.57	1.61
Prepared asphalt and tar roofing and siding products	136101	0.40	1.43	1.57	1.61
Roofing asphalts, pitches, coatings, and cement	1362	0.00	0.01	1.76	0.63
Roofing asphalts, pitches, coatings, and cement	136201	0.00	0.01	1.76	0.63
Gypsum products	137	0.20	0.35	1.43	1.59
Gypsum products	1371	0.20	0.35	1.43	1.59
Gypsum products	137101	0.20	0.35	1.43	1.59
Glass containers (including value of packaging)	138	0.12	0.12	3.49	2.16
Glass containers (including value of packaging)	1381	0.12	0.12	3.49	2.16
Glass containers (including value of packaging)	138101	0.12	0.12	3.49	2.16
Other nonmetallic minerals	139	0.40	0.21	3.05	0.70
Insulation materials	1392	0.53	0.55	1.18	1.48
Mineral wool for thermal and acoustical envelope insulation	139201	0.59	0.85	2.19	2.51
Mineral wool for industrial, equipment, and appliance insulation	139202	0.45	0.46	1.86	1.34
Paving mixtures and blocks	1394	0.32	0.32	2.19	1.26
Paving mixtures and blocks	139401	0.32	0.32	2.19	1.26
Cut stone and stone products	1395	0.09	0.27	2.15	2.64
Cut stone and stone products	139501	0.09	0.27	2.15	2.64
Gaskets, packing, and sealing devices	1398	0.20	0.25	5.99	1.92
Gaskets and gasketing material	139801	0.26	0.31	7.69	3.30
Packing and sealing	139802	0.12	0.20	4.50	2.86
Nonmetallic minerals and products, n.e.c.	1399	0.18	0.21	3.00	0.95
Clay and stone mining and quarrying	139902	0.25	0.27	3.83	1.53
All other nonmetallic mineral products	139903	0.00	0.00	1.43	1.15
Transportation equipment	14	0.15	0.08	1.85	0.29
Motor vehicles and equipment	141	0.14	0.08	1.71	0.22
Motor vehicles	1411	0.10	0.12	1.76	0.33
Passenger cars and chassis	141101	0.02	0.04	1.27	0.77
Motorcycles, including three-wheel motorbikes, motorscooters, mopeds, and parts	141104	0.00	0.00	1.65	0.71
Trucks, truck tractors, & bus chassis 14,000 lb or less, incl. minivans & suvs	141105	0.13	0.14	1.84	0.38
Trucks, over 14,000 lbs GVW	141106	0.02	0.05	1.57	1.23
Motor vehicles parts	1412	0.25	0.15	1.36	0.41
Motor vehicles parts	141205	0.25	0.15	1.36	0.41
Truck and bus bodies	1413	0.19	0.14	3.72	1.44
Truck and bus bodies sold separately	141301	0.17	0.16	4.57	1.95
Complete vehicles on purchased chassis	141302	0.09	0.09	1.20	0.20

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Truck trailers	1414	0.29	0.16	1.80	0.41
Truck trailers	141406	0.29	0.16	1.80	0.41
Motor homes, built on purchased chassis	1415	0.07	0.07	2.32	0.38
Motor homes, built on purchased chassis	141501	0.07	0.07	2.32	0.38
Travel trailers and campers	1416	0.42	0.24	1.54	0.68
Travel trailers	141601	0.45	0.31	1.93	0.85
Camping trailers, campers, pick-up covers, and parts	141602	0.00	0.00	0.29	0.34
Aircraft and aircraft equipment	142	0.14	0.05	2.26	0.44
Aircraft	1421	0.14	0.03	2.30	0.52
Civilian aircraft	142102	0.20	0.01	3.18	0.08
Aircraft engine and engine parts	1423	0.13	0.10	2.06	1.01
Aircraft engine and engine parts	142301	0.13	0.10	2.06	1.01
Other aircraft parts and equipment	1425	0.09	0.17	1.83	1.03
Other aircraft parts and equipment	142501	0.09	0.17	1.83	1.03
Ships and boats	143	0.18	0.19	2.98	3.11
Ships	1431	0.12	0.20	2.94	5.62
Military self-propelled ships, new construction	143102	0.02	0.02	1.21	1.22
Nonmilitary self-propelled ships, new construction	143103	0.01	0.01	12.15	5.38
Boats	1432	0.26	0.14	3.02	0.52
Outboard motorboats, including commercial and military (except sailboats and lifeboats)	143201	0.22	0.15	3.17	0.60
Inboard motorboats, including commercial and military (except sailboats and lifeboats)	143202	0.27	0.26	3.38	1.61
Inboard-outdrive boats, including commercial and military (except sailboats and lifeboats)	143203	0.02	0.02	2.01	0.85
All other boats (excluding military and commercial)	143204	0.00	0.00	2.74	1.96
Railroad equipment	144	0.10	0.19	0.96	2.89
Railroad cars and locomotives	1444	0.07	0.23	0.63	4.09
Railroad cars and locomotives	144401	0.07	0.23	0.63	4.09
Railway maintenance of way equipment and parts	1445	0.15	0.21	2.63	1.49
Railway maintenance of way equipment and parts	144501	0.15	0.21	2.63	1.49
Transportation equipment, n.e.c.	149	0.03	0.12	0.82	0.67
Transportation equipment, n.e.c.	1491	0.03	0.12	0.82	0.67
Other transportation equipment, incl. golf carts, vehicle trailers, and all-terrain vehicles	149111	0.03	0.12	0.82	0.67
Miscellaneous products	15	0.43	0.17	5.23	0.31
Sporting goods and small arms	151	0.11	0.07	1.40	0.77
Sporting and athletic goods	1512	0.16	0.10	1.31	1.21
Sporting and athletic goods	151201	0.16	0.10	1.31	1.21
Small arms	151301	0.00	0.00	0.06	0.04
Tobacco products, incl. stemmed & redried	152	0.50	0.14	10.72	0.44
Cigarettes, excluding electronic	1521	0.50	0.15	11.54	0.49
Cigarettes, excluding electronic	152101	0.50	0.15	11.54	0.49
Stemmed and redried tobacco	1524	0.03	0.02	6.41	0.69
Stemmed and redried tobacco	152402	0.03	0.02	6.41	0.69
Other tobacco products	1525	0.01	0.01	5.66	1.26
Other tobacco products	152501	0.01	0.01	5.66	1.26
Photographic equipment and supplies	154	1.92	2.10	4.12	3.76
Photographic supplies	1542	2.49	2.63	5.79	4.92
Photographic supplies	154206	2.49	2.63	5.79	4.92
Mobile homes	155	0.05	0.02	1.30	0.42
Manufactured homes (mobile homes), all sizes (incl. multisection)	1553	0.05	0.02	1.30	0.42
Manufactured mobile homes and nonresidential mobile buildings	155303	0.05	0.02	1.30	0.42
Medical, surgical & personal aid devices	156	0.10	0.15	1.85	0.54
Surgical and medical instruments	1562	0.10	0.19	2.23	0.67
Surgical and medical instruments	156201	0.10	0.19	2.23	0.67
Medical and surgical appliances and supplies	1563	0.17	0.21	1.20	0.97
Medical and surgical appliances and supplies	156301	0.17	0.21	1.20	0.97
Ophthalmic goods	1564	0.11	0.13	0.21	2.22
Ophthalmic goods	156401	0.11	0.13	0.21	2.22

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Dental equipment and supplies	1565	0.12	-	4.74	-
Dental equipment and supplies	156501	0.12	-	4.74	-
Other industrial safety equipment	157	0.22	0.45	4.15	1.90
Personal safety equipment and clothing	1571	0.22	0.45	4.15	1.90
Personal safety equipment and clothing	157108	0.22	0.45	4.15	1.90
Other miscellaneous products	159	0.50	0.30	5.10	0.80
Burial caskets	1591	0.01	0.01	4.59	1.75
Burial caskets	159101	0.01	0.01	4.59	1.75
Musical instruments	1593	0.16	0.32	2.82	1.03
Musical instruments	159301	0.16	0.32	2.82	1.03
Jewelry and jewelry products	1594	1.33	0.51	8.36	1.83
Jewelry (gold and platinum) and silverware	159402	1.87	0.67	11.96	2.40
Costume jewelry and novelties	159404	0.00	0.00	4.35	2.73
All other jewelry and personal goods (excluding costume)	159407	1.25	0.55	1.68	5.09
Brooms and brushes	1597	0.42	0.32	7.83	3.08
Brooms, brushes and mops	159705	0.42	0.32	7.83	3.08
Miscellaneous products, n.e.c.	159A	0.20	0.35	3.54	1.12
Signs and advertising displays	159A04	0.00	0.00	3.08	1.59
Services					
Transportation services	30	0.32	0.38	3.07	0.74
Transportation of freight and mail	301	0.27	0.38	3.43	0.79
Rail transportation of freight and mail	3011	0.09	0.00	1.73	0.32
Rail transportation of freight and mail	301101	0.09	0.00	1.73	0.32
Truck transportation of freight	3012	0.76	0.75	2.38	1.51
Local motor carrying	301201	0.16	0.20	1.29	1.11
Long-distance motor carrying	301202	0.95	1.01	2.65	2.01
Water transportation of freight	3013	1.06	0.91	2.95	1.69
Deep sea water transportation of freight	301301	2.82	1.66	4.86	3.70
Coastal and intercoastal water transportation of freight	301302	0.07	0.09	1.53	0.70
Great Lakes-St Lawrence Seaway water transportation of freight	301303	0.55	0.33	5.31	3.09
Inland waterways transportation of freight	301304	0.17	0.13	1.74	3.65
Air transportation of freight	3014	0.53	1.20	1.79	1.92
Air transportation of freight	301401	0.53	1.20	1.79	1.92
Courier, messenger, and U.S. postal services	3016	0.35	0.05	6.56	0.47
U.S. Postal Service	301601	0.00	0.00	7.39	0.58
Courier and messenger services, except air	301602	0.15	0.04	4.16	0.73
Air mail and package delivery services, excluding by USPS	301603	0.74	0.17	8.53	1.09
Pipeline transportation	3017	0.15	0.14	3.24	0.65
Pipeline transportation of petroleum products	301701	0.02	0.01	3.36	0.53
Pipeline transportation of natural gas	301702	0.25	0.17	3.07	1.11
Transportation of passengers (partial)	302	1.81	0.96	2.23	1.40
Rail transportation of passengers	3021	0.00	0.00	0.00	0.00
Rail transportation of passengers	302101	0.00	0.00	0.00	0.00
Airline passenger services	3022	1.83	0.97	2.25	1.42
Airline passenger services	302201	1.83	0.97	2.25	1.42
Services related to transportation activities	31	0.27	0.53	2.83	1.74
Services related to water transportation	311	0.40	0.20	6.46	1.19
Towing, tugging, docking, and related services	3111	0.49	0.40	8.26	2.49
Towing, tugging, docking and related services	311101	0.49	0.40	8.26	2.49
Operation of port waterfront terminals	3112	0.61	0.62	8.95	3.44
Operation of port waterfront terminals	311201	0.61	0.62	8.95	3.44
Marine cargo handling	3113	0.05	0.02	4.11	0.71
Marine cargo handling	311301	0.05	0.02	4.11	0.71
Services related to air transportation	312	1.00	0.69	4.07	1.58
Other airport operations, excluding aircraft maintenance and repair	3121	1.00	0.69	4.07	1.58

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Other airport operations, excluding aircraft maintenance and repair	312101	1.00	0.69	4.07	1.58
Other services related to transportation activities (partial)	313	0.74	0.90	1.96	3.03
Arrangement of freight and cargo	3131	0.43	0.77	1.83	3.73
Arrangement of freight and cargo	313101	0.43	0.77	1.83	3.73
Freight forwarding	3132	0.00	0.03	5.98	4.07
Freight forwarding	313201	0.00	0.03	5.98	4.07
Warehousing, storage, and related services	32	0.67	0.99	2.38	2.90
Warehousing, storage, and related services	321	0.67	0.99	2.38	2.90
Warehousing, storage, and related services	3211	0.67	0.99	2.38	2.90
Warehousing, storage, and related services	321101	0.67	0.99	2.38	2.90
Publishing sales, excluding software	33	0.35	0.32	6.44	1.22
Book, periodical, and newspaper publishing sales and subscriptions	331	0.21	0.27	5.99	1.26
Sales of books	3311	0.41	0.43	6.46	1.62
Sales of textbooks	331101	0.28	0.53	7.06	3.80
Sales of technical, scientific, and professional books	331102	0.04	0.04	11.26	2.91
Sales of religious books	331103	1.24	2.36	0.98	1.97
Sales of general adult and juvenile books	331104	0.69	0.71	0.81	1.17
Sales of general reference books	331105	0.51	1.34	1.33	3.63
Sales and subscriptions of periodicals and newspapers	3312	0.02	0.02	5.48	1.75
Sales and subscriptions of periodicals	331201	0.00	0.00	0.07	0.72
Newspaper subscription and single copy sales	331202	0.02	0.02	9.07	2.96
Directory, mailing list, and related compilations publishing sales	336	0.99	0.90	10.49	4.36
Directory, mailing list, and related compilations publishing sales	3361	0.99	0.90	10.49	4.36
Directory, mailing list, and related compilations publishing sales	336101	0.99	0.90	10.49	4.36
Software publishing	34	0.76	1.46	1.84	3.48
System software publishing	341	1.49	1.38	2.81	5.94
System software publishing	3411	1.49	1.38	2.81	5.94
System software publishing	341101	1.49	1.38	2.81	5.94
Application software publishing	342	0.94	1.54	2.02	3.39
Application software publishing	3421	0.94	1.54	2.02	3.39
Desktop and portable device application software publishing	342101	1.29	1.57	5.92	6.06
Application software publishing, cross-industry, vertical market, utilities, and other	342103	1.36	1.90	4.45	4.00
Application software publishing, game software	342104	0.37	0.72	3.43	6.45
Network compensation from broadcast and cable television and radio	35	0.00	0.00	0.26	1.16
Affiliate agreements, programming sales, and retransmission fees for cable and broadcast tv	351	0.00	0.00	0.45	1.14
Affiliate agreements, programming sales, and retransmission fees for cable and broadcast tv	3511	0.00	0.00	0.45	1.14
Affiliate agreements, programming sales, and retransmission fees for cable and broadcast tv	351101	0.00	0.00	0.45	1.14
Affiliate agreements, programming sales, and retransmission fees for radio	352	0.00	0.00	1.95	1.15
Affiliate agreements, programming sales, and retransmission fees for radio	3521	0.00	0.00	1.95	1.15
Affiliate agreements, programming sales, and network compensation for radio	352101	0.00	0.00	1.95	1.15
Advertising space and time sales	36	0.80	1.07	0.59	1.74
Advertising space sales in periodicals, newspapers, directories, and mailing lists	361	0.13	0.32	0.75	2.27
Advertising space sales in periodicals and newspapers	3611	0.20	0.35	1.38	2.67
Advertising space sales in periodicals	361101	0.00	0.00	1.61	1.47
Advertising space sales in newspapers	361102	0.44	0.88	5.28	5.55
Advertising space sales in directories and mailing lists	3612	0.02	0.02	7.93	0.85
Print advertising space sales in directories and mailing lists	361201	0.02	0.02	7.93	0.85
Television advertising time sales	362	2.15	3.13	18.84	5.00
Television advertising time sales	3621	2.15	3.13	18.84	5.00
Broadcast and network television advertising time sales	362101	2.57	2.10	16.27	4.55
Cable network advertising time sales	362102	5.12	5.16	20.97	7.21
Local cable system advertising time sales	362103	0.00	0.00	0.77	0.34

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Radio advertising time sales	363	3.54	2.22	4.25	3.17
Radio advertising time sales	3631	3.54	2.22	4.25	3.17
Radio advertising time sales	363101	3.54	2.22	4.25	3.17
Internet advertising sales	366	0.01	0.41	5.93	1.52
Internet advertising sales	3661	0.01	0.41	5.93	1.52
Internet advertising sales	366101	0.01	0.41	5.93	1.52
Telecommunication, cable, and internet user services	37	0.70	0.30	3.93	0.63
Wired telephone services	371	0.32	0.33	2.17	2.01
Residential wired telephone services	3711	0.02	0.08	0.14	0.97
Local residential wired telephone service	371101	0.00	0.00	0.11	0.23
Long distance residential wired telephone service	371102	0.00	0.00	0.76	0.55
All-distance residential wired telephone service	371103	0.35	0.24	5.48	2.02
Business wired telephone services	3712	0.53	0.60	4.09	3.63
Local business wired telephone service	371201	0.54	0.43	2.47	2.38
Long distance business wired telephone and other toll service	371202	0.34	0.48	4.34	3.96
Private line wired telephone service	371204	1.24	0.92	9.71	6.30
All-distance business wired telephone service (partial)	371205	0.42	0.40	2.91	1.63
Other telephone services	3713	0.14	0.17	1.36	1.12
Other wired telephone services	371301	0.14	0.17	1.36	1.12
Wireless telecommunication services	372	0.01	0.01	0.71	0.59
Cellular phone and other wireless telecommunication services	3721	0.01	0.01	0.71	0.59
Cellular phone and other wireless telecommunication services	372101	0.01	0.01	0.71	0.59
Cable and satellite subscriber services	373	1.16	0.59	9.53	1.42
Cable and satellite subscriber services	3731	1.16	0.59	9.53	1.42
Cable and satellite subscriber services	373101	1.16	0.59	9.53	1.42
Internet access services	374	0.70	0.55	5.99	1.69
Internet access services	3741	0.70	0.55	5.99	1.69
Residential Internet access services	374102	0.86	0.73	6.35	2.04
Business Internet access services	374103	0.65	0.58	4.68	2.02
Bundled wired telecommunications access services	375	1.20	0.88	6.15	1.51
Bundled wired telecommunications access services	3751	1.20	0.88	6.15	1.51
Bundled wired telecommunications access services	375101	1.20	0.88	6.15	1.51
Data processing and related services	38	1.07	0.67	3.28	1.78
Data processing and related services	381	1.07	0.67	3.28	1.78
Data processing and related services	3811	1.07	0.67	3.28	1.78
Hosting, ASP and other IT infrastructure provisioning services	381101	1.65	1.03	5.11	2.79
Business process management services	381102	0.00	0.00	0.14	0.15
Data management, information transformation and other services	381103	0.00	0.00	0.10	0.10
Credit intermediation services (partial)	39	1.50	0.76	8.28	2.03
Loan services (partial)	391	3.20	1.19	16.17	2.79
Business loans (partial)	3911	3.90	1.52	20.11	3.34
Business loans (partial)	391101	3.90	1.52	20.11	3.34
Consumer loans (partial)	3912	2.24	1.32	10.27	3.00
Residential real estate loans (partial)	391201	2.09	1.56	13.38	3.39
Vehicle loans (partial)	391202	4.65	2.86	4.99	6.21
Credit cards, overdraft credit, and related plans (partial)	391203	2.10	1.31	0.91	3.80
Other loans and loan services (partial)	3913	2.47	2.17	6.36	11.63
Other loans and loan services (partial)	391301	2.47	2.17	6.36	11.63
Deposit services (partial)	392	1.05	0.81	5.40	2.19
Deposit services (partial)	3921	1.05	0.81	5.40	2.19
Deposit services (partial)	392101	1.05	0.81	5.40	2.19
Other credit intermediation services, including trust services (partial)	393	0.45	1.84	2.33	2.50
Other credit intermediation services, including trust services (partial)	3931	0.45	1.84	2.33	2.50
Other credit intermediation services, including trust services (partial)	393101	0.45	1.84	2.33	2.50

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Investment services	40	0.71	0.53	6.83	1.94
Securities brokerage, dealing, investment advice, and related services	401	0.61	0.56	2.05	2.39
Securities brokerage, dealing, investment advice, and related services	4011	0.61	0.56	2.05	2.39
Securities brokerage, dealing, and investment advice	401101	0.73	0.69	3.84	3.15
Securities brokerage and dealing related services (partial)	401102	0.49	0.39	10.63	3.00
Portfolio management	402	1.37	0.89	13.90	3.75
Portfolio management	4021	1.37	0.89	13.90	3.75
Portfolio management	402101	1.37	0.89	13.90	3.75
Investment banking	403	0.30	0.31	11.58	3.04
Investment banking	4031	0.30	0.31	11.58	3.04
Investment banking	403101	0.30	0.31	11.58	3.04
Insurance and annuities	41	0.17	0.11	4.04	0.59
Insurance	411	0.18	0.11	4.07	0.61
Insurance	4111	0.18	0.11	4.07	0.61
Life insurance	411101	0.02	0.02	0.48	0.34
Disability insurance, including accidental death	411102	0.00	0.00	0.06	0.07
Health and medical insurance	411103	0.03	0.05	4.83	0.80
Property and casualty insurance	411104	0.24	0.18	4.99	1.17
Annuities	412	0.16	0.18	3.73	1.91
Annuities	4121	0.16	0.18	3.73	1.91
Annuities	412101	0.16	0.18	3.73	1.91
Commissions and fees from sales and administration of insurance policies (partial)	42	0.04	0.05	0.51	0.49
Commissions from sales of insurance	421	0.04	0.05	0.51	0.49
Commissions from sales of insurance	4211	0.04	0.05	0.51	0.49
Commissions from sales of life insurance and annuities	421101	0.00	0.00	2.01	1.45
Commissions from sales of health and medical insurance	421102	0.00	0.00	1.17	0.84
Commissions from sales of property and casualty insurance	421103	0.00	0.00	0.57	0.54
Commissions from sales of other insurance	421104	0.25	0.28	2.65	3.65
Real estate services (partial)	43	0.62	0.50	1.25	1.38
Nonresidential real estate services	431	0.66	0.68	1.32	2.21
Nonresidential real estate rents	4311	0.98	0.84	1.27	2.66
Office buildings, gross rents	431101	0.69	0.60	5.28	8.98
Retail properties, gross rents	431102	2.72	1.64	2.83	1.33
Industrial buildings, gross rents	431103	0.22	0.40	2.49	1.43
Self-service storage and miniwarehouses, gross rents	431104	0.55	0.58	2.89	1.85
Other nonresidential buildings, gross rents	431105	2.42	4.44	4.81	6.09
Nonresidential property sales and leases including land, brokerage fees and commissions	4312	0.21	0.18	1.59	1.47
Nonresidential property sales and leases including land, brokerage fees and commissions	431201	0.21	0.18	1.59	1.47
Nonresidential property management fees	4313	1.23	1.30	1.88	3.64
Nonresidential property management fees	431301	1.23	1.30	1.88	3.64
Residential real estate services (partial)	432	0.21	0.23	3.55	0.91
Residential property sales and rental, brokerage fees and commissions	4321	0.19	0.15	3.87	0.80
Residential property sales and rental, brokerage fees and commissions	432101	0.19	0.15	3.87	0.80
Residential property management fees	4322	0.21	0.23	2.40	2.87
Residential property management fees	432201	0.21	0.23	2.40	2.87
Real estate appraisal fees	433	0.00	0.00	1.35	0.75
Real estate appraisal fees	4331	0.00	0.00	1.35	0.75
Real estate appraisal fees	433101	0.00	0.00	1.35	0.75
Rental and leasing of goods (partial)	44	1.43	0.94	0.94	1.61
Passenger car rental	441	4.12	2.31	4.12	3.90
Passenger car rental	4411	4.12	2.31	4.12	3.90
Passenger car rental	441101	4.12	2.31	4.12	3.90

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Truck, trailer, and RV rental and leasing	442	0.70	0.45	4.60	1.02
Truck, trailer, and RV rental and leasing	4421	0.70	0.45	4.60	1.02
Truck, truck trailer and RV rental	442101	1.00	0.73	3.55	1.55
Truck, truck trailer and RV leasing	442102	0.51	0.46	4.53	1.49
Construction, mining, and forestry machinery and equipment rental and leasing	443	0.37	0.46	0.58	0.98
Construction, mining, and forestry machinery and equipment rental and leasing	4431	0.37	0.46	0.58	0.98
Construction, mining, and forestry machinery and equipment rental and leasing	443101	0.37	0.46	0.58	0.98
Professional services (partial)	45	0.33	0.37	4.07	0.69
Legal services	451	0.45	0.69	7.73	1.32
Legal services	4511	0.45	0.69	7.73	1.32
Legal services	451101	0.45	0.69	7.73	1.32
Accounting services (partial)	452	0.82	0.72	2.30	1.46
Accounting services, excluding payroll	4521	0.82	0.72	2.30	1.46
Financial auditing	452101	0.64	1.21	3.01	1.70
Tax preparation and planning	452102	0.87	0.90	3.17	3.04
Bookkeeping and compilation	452103	1.19	1.25	3.07	2.69
Other accounting services, including billing and review (partial)	452104	1.51	1.32	1.18	3.44
Architectural and engineering services	453	0.05	0.07	2.48	0.84
Architectural services	4531	0.01	0.01	1.14	0.39
Architectural services	453101	0.01	0.01	1.14	0.39
Engineering services	4532	0.06	0.09	2.68	0.96
Engineering services	453201	0.06	0.09	2.68	0.96
Management, scientific, and technical consulting services	454	1.98	1.39	1.83	1.09
Management consulting services	4541	1.98	1.39	1.83	1.09
Administrative and general management consulting services	454101	3.14	2.07	2.58	1.37
Human resources consulting services	454102	0.44	0.26	3.98	2.53
Marketing consulting services	454103	0.00	0.00	0.12	0.59
Process, physical distribution, and logistics consulting services	454104	1.11	0.37	4.20	1.37
Advertising and related services (partial)	455	0.18	0.25	0.30	2.00
Advertising agency services	4551	0.18	0.25	0.30	2.00
Advertising agency services	455101	0.18	0.25	0.30	2.00
Information technology (IT) technical support and consulting services (partial)	456	0.28	0.36	2.99	7.16
Information technology (IT) technical support and consulting services (partial)	4561	0.28	0.36	2.99	7.16
Information technology (IT) technical support and consulting services (partial)	456101	0.28	0.36	2.99	7.16
Employment services	46	0.25	0.21	3.77	1.51
Permanent placement services	461	0.76	0.59	3.10	1.89
Permanent placement services	4611	0.76	0.59	3.10	1.89
Employment placement services	461101	0.76	0.59	3.10	1.89
Executive search services	462	1.51	2.63	4.04	3.42
Executive search services	4621	1.51	2.63	4.04	3.42
Executive search services	462101	1.51	2.63	4.04	3.42
Staffing services	463	0.27	0.21	3.70	1.61
Temporary help services	4631	0.50	0.30	4.02	1.69
Temporary help services	463101	0.50	0.30	4.02	1.69
Co-employment staffing services	4632	0.00	0.00	3.16	3.26
Co-employment staffing services	463201	0.00	0.00	3.16	3.26
Travel arrangement services (partial)	47	0.20	0.52	2.20	2.77
Arrangement of flights (partial)	471	0.79	0.97	3.44	5.93
Arrangement of international flights	4711	0.80	0.92	0.84	5.34
Arrangement of international flights	471101	0.80	0.92	0.84	5.34
Arrangement of domestic flights	4712	0.63	1.82	10.15	11.16
Arrangement of domestic flights (partial)	471201	0.63	1.82	10.15	11.16
Arrangement of vehicle rentals and lodging	472	0.18	2.25	2.07	5.05
Arrangement of vehicle rentals and lodging	4721	0.18	2.25	2.07	5.05

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Arrangement of vehicle rentals and lodging (partial)	472101	0.18	2.25	2.07	5.05
Arrangement of cruises and tours	473	0.78	0.08	2.97	0.96
Arrangement of cruises and tours	4731	0.78	0.08	2.97	0.96
Arrangement of cruises and tours	473101	0.78	0.08	2.97	0.96
Other travel arrangements (partial)	474	0.00	0.00	0.35	2.34
Other travel arrangements (partial)	4741	0.00	0.00	0.35	2.34
Other travel arrangements (partial)	474101	0.00	0.00	0.35	2.34
Selected security services (partial)	48	0.33	0.26	2.77	1.08
Security guard services	481	0.33	0.26	2.77	1.08
Security guard services	4811	0.33	0.26	2.77	1.08
Security guard services	481101	0.33	0.26	2.77	1.08
Cleaning and building maintenance services (partial)	49	0.14	0.11	5.23	4.05
Janitorial services	491	0.14	0.11	5.23	4.05
Janitorial services	4911	0.14	0.11	5.23	4.05
Janitorial services	491101	0.14	0.11	5.23	4.05
Waste collection and remediation services (partial)	50	0.81	0.72	5.59	2.58
Waste collection	501	0.81	0.72	5.59	2.58
Solid waste collection	5011	0.81	0.72	5.59	2.58
Solid waste collection	501101	0.81	0.72	5.59	2.58
Health care services	51	0.16	0.12	2.96	0.37
Outpatient care (partial)	511	0.17	0.15	3.00	0.46
Outpatient care (partial)	5111	0.17	0.15	3.00	0.46
Physician care	511101	0.02	0.07	1.79	0.82
Medical laboratory and diagnostic imaging center care	511102	0.01	0.02	2.03	1.41
Home health and hospice care	511103	0.09	0.08	4.82	2.62
Hospital outpatient care	511104	0.34	0.32	3.58	0.82
Dental care	511105	0.03	0.03	2.48	1.30
Inpatient care	512	0.14	0.14	3.32	0.51
Inpatient care	5121	0.14	0.14	3.32	0.51
Hospital inpatient care	512101	0.15	0.15	3.04	0.67
Nursing home care	512102	0.11	0.16	3.54	0.98
Intellectual and developmental disability center care	512103	0.41	0.45	5.92	1.83
Sales of blood and blood products, organs, and tissues	513	0.28	0.66	5.32	1.09
Sales of blood and blood products, organs, and tissues	5131	0.28	0.66	5.32	1.09
Sales of blood and blood products, organs, and tissues	513101	0.28	0.66	5.32	1.09
Accommodation services	53	3.00	2.05	2.53	2.83
Traveler accommodation services	531	3.00	2.05	2.53	2.83
Traveler accommodation services	5311	3.00	2.05	2.53	2.83
Guestroom or unit rental	531101	3.13	2.25	2.35	3.07
Other traveler accommodation services	531102	0.90	1.16	4.32	1.48
Food and beverage for immediate consumption services (partial)	54	0.52	0.52	2.27	1.08
Food and beverage for immediate consumption services (partial)	541	0.52	0.52	2.27	1.08
Food and nonalcoholic beverages for immediate consumption (partial)	5411	0.58	0.62	2.87	1.30
Food and nonalcoholic beverages for immediate consumption (partial)	541101	0.58	0.62	2.87	1.30
Alcoholic beverages for immediate consumption (partial)	5412	0.20	0.20	1.81	0.73
Alcoholic beverages for immediate consumption (partial)	541201	0.20	0.20	1.81	0.73
Repair and maintenance services (partial)	55	0.30	0.20	6.45	2.26
Commercial and industrial machinery and equipment repair and maintenance	551	0.32	0.35	6.42	4.77
Commercial and industrial machinery and equipment repair and maintenance	5511	0.32	0.35	6.42	4.77
Commercial machinery repair and maintenance	551101	0.32	0.35	6.42	4.77

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Motor vehicle repair and maintenance (partial)	552	0.35	0.19	8.35	0.68
Motor vehicle repair and maintenance (partial)	5521	0.35	0.19	8.35	0.68
Motor vehicle repair and maintenance (partial)	552101	0.35	0.19	8.35	0.68
Ship repair and maintenance	553	0.01	0.01	1.55	0.82
Ship repair and maintenance	5531	0.01	0.01	1.55	0.82
Ship repair, military	553101	0.00	0.00	0.84	0.56
Ship repair, nonmilitary	553102	0.01	0.01	2.42	1.17
Entertainment services (partial)	56	0.98	0.73	3.31	1.75
Membership dues and admissions and recreation facility use fees (partial)	561	0.86	0.56	6.10	1.30
Membership dues and admissions and recreation facility use fees (partial)	5611	0.86	0.56	6.10	1.30
Membership dues	561101	0.19	0.38	8.63	1.87
Admissions and recreational facilities use fees (partial)	561102	2.00	0.96	1.86	1.56
Recreational activity instruction fees (partial)	562	0.12	0.37	4.47	2.92
Recreational activity instruction fees (partial)	5621	0.12	0.37	4.47	2.92
Recreational activity instruction fees (partial)	562101	0.12	0.37	4.47	2.92
Gaming receipts (partial)	563	0.95	1.58	0.74	1.84
Gaming receipts (partial)	5631	0.95	1.58	0.74	1.84
Gaming receipts (partial)	563101	0.95	1.58	0.74	1.84
Wholesale trade services	57	1.72	2.00	4.44	2.76
Machinery and equipment and parts and supplies wholesaling	571	2.33	4.49	6.84	6.17
Machinery and equipment and parts and supplies wholesaling	5711	2.33	4.49	6.84	6.17
Parts and supplies for machinery and equipment wholesaling	571102	1.44	2.62	5.94	5.03
Machinery and vehicle wholesaling	571103	3.44	8.56	9.09	12.73
Professional and commercial equipment wholesaling	571104	1.82	1.59	1.99	7.56
Furnishings wholesaling	572	0.18	0.91	2.23	2.97
Furnishings wholesaling	5721	0.18	0.91	2.23	2.97
Furnishings wholesaling	572101	0.18	0.91	2.23	2.97
Building materials, paint, and hardware wholesaling	573	1.21	1.81	1.50	3.10
Building materials, paint, and hardware wholesaling	5731	1.21	1.81	1.50	3.10
Building materials, paint, and hardware wholesaling	573101	1.21	1.81	1.50	3.10
Metals, minerals, and ores wholesaling	574	3.96	5.21	9.77	9.84
Metals, minerals, and ores wholesaling	5741	3.96	5.21	9.77	9.84
Metals, minerals, and ores wholesaling	574101	3.96	5.21	9.77	9.84
Chemicals and allied products wholesaling	575	1.61	3.30	1.54	4.37
Chemicals and allied products wholesaling	5751	1.61	3.30	1.54	4.37
Chemicals and allied products wholesaling	575101	1.61	3.30	1.54	4.37
Paper and plastics products wholesaling	576	1.27	1.36	4.18	3.70
Paper and plastics products wholesaling	5761	1.27	1.36	4.18	3.70
Paper and plastics products wholesaling	576101	1.27	1.36	4.18	3.70
Apparel wholesaling	577	1.72	2.58	4.22	4.05
Apparel wholesaling	5771	1.72	2.58	4.22	4.05
Apparel wholesaling	577101	1.72	2.58	4.22	4.05
Food and alcohol wholesaling	578	1.25	1.67	6.54	2.66
Food and alcohol wholesaling	5781	1.25	1.67	6.54	2.66
Food wholesaling	578101	1.44	1.89	7.44	3.04
Alcohol wholesaling	578102	0.49	0.58	0.41	1.51
Other commodities wholesaling	579	1.09	2.15	3.80	5.78
Other commodities wholesaling	5791	1.09	2.15	3.80	5.78
Other commodities wholesaling	579101	1.09	2.15	3.80	5.78
Retail trade services	58	0.98	0.69	3.33	1.34
Food and alcohol retailing	581	1.35	1.11	4.07	2.18
Food and alcohol retailing	5811	1.35	1.11	4.07	2.18
Food retailing	581102	1.24	1.18	4.30	2.37
Alcohol retailing	581103	0.85	2.09	4.82	4.54

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Health and beauty care retailing, including optical goods	582	2.18	1.42	2.82	1.94
Health and beauty care retailing, including optical goods	5821	2.18	1.42	2.82	1.94
Health and beauty care retailing, including optical goods	582101	2.18	1.42	2.82	1.94
Apparel, jewelry, footwear, and accessories retailing	583	3.72	1.82	4.61	2.07
Apparel, jewelry, footwear, and accessories retailing	5831	3.72	1.82	4.61	2.07
Apparel, footwear, and accessories retailing	583101	4.20	1.82	4.28	1.98
Jewelry retailing	583102	1.96	4.22	7.29	7.44
Computer hardware, software, and supplies retailing	584	3.44	2.66	27.95	18.90
Computer hardware, software, and supplies retailing	5841	3.44	2.66	27.95	18.90
Computer hardware, software, and supplies retailing	584101	3.44	2.66	27.95	18.90
TV, video, and photographic equipment and supplies retailing	585	3.47	4.07	3.08	10.43
TV, video, and photographic equipment and supplies retailing	5851	3.47	4.07	3.08	10.43
TV, video, and photographic equipment and supplies retailing	585101	3.47	4.07	3.08	10.43
Automobiles and automobile parts retailing	586	2.30	2.49	4.41	5.97
Automobiles and automobile parts retailing	5861	2.30	2.49	4.41	5.97
Automobile retailing (Partial)	586101	4.51	3.58	6.09	8.29
Automotive parts, including tires, retailing	586102	1.99	1.98	8.80	6.76
RVs, trailers, and campers retailing	588	4.18	7.32	5.78	14.49
RVs, trailers, and campers retailing	5881	4.18	7.32	5.78	14.49
RVs, trailers, and campers retailing	588101	4.18	7.32	5.78	14.49
Sporting goods, including boats, retailing	589	5.54	5.01	3.36	6.11
Sporting goods, including boats, retailing	5891	5.54	5.01	3.36	6.11
Sporting goods, including boats, retailing	589101	5.54	5.01	3.36	6.11
Lawn, garden, and farm equipment and supplies retailing	58A	0.37	0.99	3.27	8.51
Lawn, garden, and farm equipment and supplies retailing	58A1	0.37	0.99	3.27	8.51
Lawn, garden, and farm equipment and supplies retailing	58A101	0.37	0.99	3.27	8.51
Furniture retailing	58B	6.15	5.65	4.87	6.69
Furniture retailing	58B1	6.15	5.65	4.87	6.69
Furniture retailing	58B101	6.15	5.65	4.87	6.69
Flooring and floor coverings retailing	58C	2.73	2.26	7.50	7.56
Flooring and floor coverings retailing	58C1	2.73	2.26	7.50	7.56
Flooring and floor coverings retailing	58C101	2.73	2.26	7.50	7.56
Hardware and building materials and supplies retailing	58D	2.06	1.95	3.52	4.07
Hardware and building materials and supplies retailing	58D1	2.06	1.95	3.52	4.07
Hardware and building materials and supplies retailing	58D101	2.06	1.95	3.52	4.07
Major household appliance retailing	58E	2.13	2.16	8.31	4.91
Major household appliance retailing	58E1	2.13	2.16	8.31	4.91
Major household appliance retailing	58E101	2.13	2.16	8.31	4.91
Fuels and lubricants retailing	58F	1.86	3.94	9.10	7.31
Fuels and lubricants retailing	58F1	1.86	3.94	9.10	7.31
Automotive fuels and lubricants retailing	58F101	1.91	4.66	10.29	8.74
Household fuels retailing	58F102	3.05	2.71	4.01	4.09
Cleaning supplies and paper products retailing	58G	0.58	2.14	6.32	4.37
Cleaning supplies and paper products retailing	58G1	0.58	2.14	6.32	4.37
Cleaning supplies and paper products retailing	58G101	0.58	2.14	6.32	4.37
Book retailing	58H	1.91	1.09	6.78	9.82
Book retailing	58H1	1.91	1.09	6.78	9.82
Book retailing	58H101	1.91	1.09	6.78	9.82
Other merchandise retailing (partial)	58I	1.03	1.57	0.79	2.67
Other merchandise retailing (partial)	58I1	1.03	1.57	0.79	2.67
Other merchandise retailing (partial)	58I101	1.03	1.57	0.79	2.67
Metal treatment services	59	0.44	0.99	3.71	2.16
Metal treatment services	591	0.44	0.99	3.71	2.16
Metal treatment services	5911	0.44	0.99	3.71	2.16
Metal plating and polishing	591101	0.66	1.08	2.80	4.06
Metal coating and allied services	591102	0.67	0.49	4.58	2.89

Table 2. Variance estimates for selected 1-month and 12-month percent changes for the commodity-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Metal heat treating	591103	0.96	1.69	5.72	3.36
Mining services	60	0.36	0.38	1.23	1.15
Mining services	601	0.36	0.38	1.23	1.15
Mining services	6011	0.36	0.38	1.23	1.15
Drilling oil and gas wells services	601103	0.00	0.00	1.08	1.14
Support activities for oil and gas operations	601104	0.46	0.52	0.91	1.20
Contract work on textile products, apparel, and leather	61	0.10	0.10	6.20	3.93
Contract work on textile products and apparel	611	0.11	0.10	6.33	4.02
Contract work on textile products and apparel	6111	0.11	0.10	6.33	4.02
Contract work on textile products	611102	0.14	0.15	1.72	0.61
Contract work on apparel	611103	0.00	0.00	11.95	7.94
Construction					
Construction (partial)	80	0.14	0.12	2.04	0.60
New nonresidential building construction	801	0.14	0.09	1.52	0.32
New nonresidential building construction	8011	0.14	0.09	1.52	0.32
New warehouse building construction	801101	0.19	0.16	0.31	0.48
New school building construction	801102	0.10	0.13	2.13	0.47
New office building construction	801103	0.24	0.16	2.73	0.73
New industrial building construction	801104	0.29	0.34	0.75	0.72
New health care building construction	801105	0.23	0.12	0.89	0.88
Maintenance and repair of nonresidential buildings (partial)	802	0.16	0.52	4.79	4.21
Maintenance and repair of nonresidential buildings (partial)	8021	0.16	0.52	4.79	4.21
Maintenance and repair of nonresidential buildings (partial)	802101	0.16	0.52	4.79	4.21

NOTE: Some indexes in this table, primarily PPIs for agricultural products, are constructed using price information not directly sampled by PPI. These secondary source data, mainly from the U.S. Department of Agriculture, but also other sources, are considered a census of available price information. No sampling variability exists in these percent change estimates, so their standard error values are zero. For more information, refer to the section titled "PPI Sampling" in the methodology paper that accompanies this year's PPI variance publication.

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Selected industry sector groupings					
Total mining, utilities, and manufacturing industries	AMUM	0.46	0.14	1.88	0.30
Total mining industries	OMIN	2.83	-	3.34	-
Total manufacturing industries	OMFG	0.42	0.12	1.78	0.28
Total trade industries	ATRADE	0.79	1.22	3.76	1.50
Total wholesale trade industries	AWHLTR	1.28	2.09	3.74	2.48
Total retail trade industries	ARETTR	0.72	0.57	3.43	1.53
Transportation and warehousing industries	ATRNWR	0.40	0.58	3.06	0.84
Transportation industries	ATRANS	0.47	0.74	2.25	1.00
Delivery and warehouse industries	ADLVWR	0.38	0.27	6.38	0.61
Services less trade, transportation, and warehousing	ATTDSV	0.21	0.14	2.62	0.38
Information	AINFO	0.33	0.37	2.46	1.17
Selected health care industries	ASHC	0.17	0.11	2.95	0.41
Other selected services less trade, transportation, and warehousing industries	ASTDSV	0.26	0.19	2.59	0.57
Logging					
Logging	1133	0.25	0.33	1.12	1.50
Logging	11331	0.25	0.33	1.12	1.50
Logging	113310	0.25	0.33	1.12	1.50
Mining					
Oil and gas extraction	211	5.17	-	8.63	-
Oil and gas extraction	2111	5.19	-	8.60	-
Crude petroleum extraction	211120	-	-	-	-
Natural gas extraction	211130	-	-	-	-
Mining (except oil & gas)	212	1.16	1.50	9.35	1.97
Coal mining	2121	3.00	2.22	2.53	1.99
Coal mining	21211	3.00	2.22	2.53	1.99
Coal mining	212110	3.00	2.22	2.53	1.99
Metal ore mining	2122	3.21	3.27	17.77	5.57
Iron ore mining	21221	0.69	0.13	3.12	0.59
Iron ore mining	212210	0.69	0.13	3.12	0.59
Nonmetallic mineral mining & quarrying	2123	0.21	0.19	6.05	0.91
Crushed and broken limestone mining	212312	0.23	0.22	7.25	1.37
Sand/gravel/clay/refractory minerals mining	21232	0.14	0.29	4.46	1.00
Construction sand and gravel mining	212321	0.20	0.42	4.83	1.15
Kaolin, clay, and ceramic and refractory minerals mining	212323	0.12	0.12	3.33	1.09
Other nonmetallic mineral mining & quarrying	21239	0.41	0.37	2.36	2.38
Other nonmetallic mineral mining and quarrying	212390	0.41	0.37	2.36	2.38
Mining support activities	213	0.37	0.39	1.40	1.20
Mining support activities	2131	0.37	0.39	1.40	1.20
Mining support activities	21311	0.37	0.39	1.40	1.20
Drilling oil and gas wells	213111	0.00	0.00	1.17	1.17
Support activities for oil and gas operations	213112	0.47	0.54	1.12	1.32
Utilities					
Utilities	221	1.39	0.75	5.06	1.46
Electric power generation, transmission, and distribution	2211	1.39	0.93	4.70	1.64
Electric power generation	22111	2.90	3.12	8.20	5.68
Electric power generation	221110	2.91	3.12	8.20	5.68
Electric power transmission, control, and distribution	22112	1.19	0.35	4.17	0.95
Electric bulk power transmission and control	221121	0.96	0.36	3.02	0.97
Electric power distribution	221122	1.24	0.36	4.18	0.99
Natural gas distribution	2212	0.64	0.43	7.15	2.38
Natural gas distribution	22121	0.64	0.43	7.15	2.38

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Natural gas distribution	221210	0.64	0.42	7.15	2.38
Construction					
New industrial building construction	236211	0.29	0.36	0.74	0.73
New warehouse building construction	236221	0.19	0.17	0.31	0.48
New school building construction	236222	0.10	0.13	2.12	0.50
New office building construction	236223	0.23	0.15	2.69	0.66
New health care building construction	236224	0.23	0.16	0.87	1.01
Concrete contractors, nonresidential building work	23811X	0.14	0.09	3.22	0.42
Roofing contractors, nonresidential building work	23816X	0.41	0.28	4.13	1.55
Electrical contractors, nonresidential building work	23821X	0.10	0.21	2.20	3.30
Plumbing, heating and air-conditioning contractors, nonresidential building work	23822X	0.15	0.21	1.40	1.63
Nonresidential building maintenance & repair	2381MR	0.16	0.52	4.79	4.47
Manufacturing					
Food mfg	311	0.59	0.37	4.24	0.74
Animal food mfg	3111	0.25	0.22	1.14	1.08
Animal food mfg	31111	0.25	0.22	1.14	1.08
Dog and cat food manufacturing	311111	0.00	0.00	0.74	0.43
Other animal food manufacturing	311119	0.45	0.36	1.45	1.99
Grain & oilseed milling	3112	0.67	0.55	2.15	1.55
Flour milling & malt mfg	31121	0.69	0.29	3.78	0.96
Flour milling	311211	0.65	0.36	3.02	1.13
Rice milling	311212	0.38	0.51	6.11	2.22
Starch & vegetable fats & oils mfg	31122	1.11	0.86	2.61	2.42
Wet corn milling and starch manufacturing	311221	0.24	1.14	1.58	2.59
Soybean and other oilseed processing	311224	1.48	1.30	4.27	3.83
Fats and oils refining and blending	311225	0.60	0.57	1.92	2.22
Breakfast cereal manufacturing	31123	0.00	0.00	0.95	1.05
Breakfast cereal manufacturing	311230	0.00	0.00	0.95	1.05
Sugar & confectionery product mfg	3113	0.69	0.60	6.06	2.52
Sugar mfg	31131	0.66	0.33	7.46	1.38
Beet sugar manufacturing	311313	0.98	0.49	8.95	1.87
Cane sugar manufacturing	311314	0.59	0.41	6.25	1.93
Nonchocolate confectionery mfg	31134	0.15	0.17	2.87	1.51
Nonchocolate confectionery manufacturing	311340	0.15	0.17	2.87	1.51
Chocolate and confectionery manufacturing	31135	1.01	1.18	17.11	5.54
Chocolate and confectionery mfg. from cacao	311351	2.77	2.41	27.02	13.12
Confectionery mfg. from purchased chocolate	311352	0.66	0.78	8.68	2.84
Fruit & vegetable preserving & specialty food mfg	3114	0.22	0.20	0.37	0.59
Frozen food manufacturing	31141	0.18	0.25	0.46	0.89
Frozen fruit and vegetable manufacturing	311411	0.33	0.33	3.51	1.39
Frozen specialty food manufacturing	311412	0.24	0.33	2.62	1.37
Fruit & vegetable canning, pickling & drying	31142	0.42	0.31	0.45	0.77
Fruit and vegetable canning	311421	0.35	0.32	1.21	0.98
Specialty canning	311422	0.77	0.58	2.45	1.86
Dried and dehydrated food manufacturing	311423	0.55	0.63	0.35	1.26
Dairy product mfg	3115	0.82	0.20	3.95	0.52
Dairy product (except frozen) mfg	31151	0.85	0.22	4.28	0.58
Fluid milk manufacturing	311511	0.83	0.21	2.40	0.95
Creamery butter manufacturing	311512	5.03	0.58	20.91	0.53
Cheese manufacturing	311513	0.93	0.39	3.83	1.07
Dry, condensed, and evaporated dairy products	311514	1.09	0.70	1.90	2.13
Ice cream and frozen dessert mfg	31152	0.25	0.15	1.85	0.47
Ice cream and frozen dessert manufacturing	311520	0.25	0.15	1.85	0.47
Animal slaughtering & processing	31161	0.81	1.12	6.92	2.01

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Animal, except poultry, slaughtering	311611	1.26	1.95	7.97	2.80
Meat processed from carcasses	311612	1.12	0.95	9.85	1.64
Rendering and meat byproduct processing	311613	1.32	1.36	4.61	2.80
Poultry processing	311615	3.04	2.03	2.76	4.72
Seafood product preparation & packaging	3117	0.54	0.53	6.07	3.28
Seafood product preparation and packaging	31171	0.54	0.53	6.07	3.28
Seafood product preparation and packaging	311710	0.54	0.53	6.07	3.28
Bakeries & tortilla mfg	3118	0.24	0.17	2.12	0.58
Bread & bakery product mfg	31181	0.25	0.21	2.36	0.90
Retail bakeries	311811	0.32	0.43	2.31	1.86
Commercial bakeries	311812	0.25	0.27	1.96	1.14
Frozen cakes and other pastries manufacturing	311813	0.38	0.19	3.93	1.48
Cookie, cracker & pasta mfg	31182	0.13	0.13	1.42	0.78
Cookie and cracker manufacturing	311821	0.14	0.13	3.47	0.84
Dry pasta, dough, and flour mixes manufacturing from purchased flour	311824	0.15	0.15	0.30	1.15
Other food manufacturing	3119	1.73	0.93	8.11	2.61
Snack food mfg	31191	0.27	0.29	1.69	2.02
Roasted nuts and peanut butter manufacturing	311911	0.26	0.54	7.37	6.28
Other snack food manufacturing	311919	0.04	0.06	0.21	1.04
Coffee & tea mfg	31192	0.86	0.72	23.50	2.57
Coffee and tea manufacturing	311920	0.86	0.72	23.50	2.57
Flavoring syrup & concentrate mfg	31193	0.00	0.00	4.34	0.98
Flavoring syrup and concentrate manufacturing	311930	0.00	0.00	4.33	0.98
Seasoning & dressing mfg	31194	0.16	0.21	0.93	0.89
Mayonnaise, dressing, and sauce manufacturing	311941	0.09	0.08	0.65	1.13
Spice and extract manufacturing	311942	0.23	0.35	1.78	1.38
All other food mfg	31199	4.16	3.61	13.57	10.17
Perishable prepared food manufacturing	311991	0.50	0.48	2.14	2.33
All other miscellaneous food manufacturing	311999	8.89	5.85	29.73	20.68
Beverage & tobacco mfg	312	0.39	0.20	5.01	0.47
Beverage mfg	3121	0.28	0.25	1.21	0.74
Soft drink & ice mfg	31211	0.54	0.45	1.98	0.92
Soft drink manufacturing	312111	0.74	0.52	2.33	1.08
Bottled water manufacturing	312112	0.35	0.43	0.87	1.13
Ice manufacturing	312113	0.06	0.07	2.10	2.76
Breweries	31212	0.09	0.14	1.19	0.46
Breweries	312120	0.09	0.14	1.19	0.46
Wineries	31213	0.22	0.44	0.65	1.86
Wineries	312130	0.22	0.44	0.65	1.85
Distilleries	31214	0.00	0.01	0.88	1.86
Distilleries	312140	0.00	0.01	0.89	1.86
Tobacco mfg	3122	0.50	0.13	10.70	0.44
Tobacco manufacturing	31223	0.50	0.13	10.70	0.44
Tobacco manufacturing	312230	0.50	0.13	10.70	0.44
Textile mills	313	0.18	0.20	1.49	0.68
Fiber, yarn, and thread mills	3131	0.26	0.38	2.84	1.41
Fiber, yarn, and thread mills	31311	0.26	0.38	2.84	1.41
Fiber, yarn, and thread mills	313110	0.26	0.38	2.84	1.41
Fabric mills	3132	0.12	0.23	1.39	0.98
Broadwoven fabric mills	31321	0.12	0.12	0.85	0.64
Broadwoven fabric mills	313210	0.12	0.12	0.85	0.63
Nonwoven fabric mills	31323	0.21	0.47	1.66	1.86
Nonwoven fabric mills	313230	0.21	0.47	1.66	1.86
Knit fabric mills	31324	0.25	0.18	2.64	1.88
Knit fabric mills	313240	0.25	0.18	2.63	1.88

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Textile and fabric finishing mills	3133	0.27	0.31	3.03	0.85
Textile and fabric finishing mills	31331	0.31	0.36	2.52	0.98
Textile and fabric finishing mills	313310	0.31	0.36	2.52	0.98
Fabric coating mills	31332	0.18	0.20	4.10	1.53
Fabric coating mills	313320	0.18	0.20	4.10	1.53
Textile product mills	314	0.44	0.29	2.00	0.62
Textile furnishings mills	3141	0.48	0.47	1.27	0.87
Carpet and rug mills	31411	0.51	0.41	0.96	1.06
Carpet and rug mills	314110	0.51	0.41	0.96	1.06
Curtain and linen mills	31412	0.08	0.07	2.71	1.39
Curtain and linen mills	314120	0.08	0.07	2.71	1.39
Other textile product mills	3149	0.31	0.26	3.18	0.86
Textile bag and canvas mills	31491	0.51	0.41	4.43	1.44
Textile bag and canvas mills	314910	0.51	0.41	4.43	1.44
All other textile product mills	31499	0.34	0.31	2.54	0.96
Rope, twine, tire cord, and tire fabric mills	314994	0.38	0.46	6.30	1.38
All other miscellaneous textile product mills	314999	0.25	0.31	1.29	1.24
Apparel manufacturing	315	0.10	0.16	3.25	2.27
Apparel knitting mills	3151	0.04	0.05	0.05	0.19
Apparel Knitting Mills	31512	0.04	0.05	0.05	0.18
Apparel knitting mills	315120	0.04	0.05	0.05	0.19
Cut and sew apparel manufacturing	3152	0.12	0.19	3.77	2.83
Cut and sew apparel contractors	31521	0.00	0.00	11.64	7.60
Cut and sew apparel contractors	315210	0.00	0.00	11.64	7.60
Cut and sew apparel manufacturing (except contractors)	31525	0.11	0.18	1.06	2.16
Cut and sew apparel manufacturing (except contractors)	315250	0.11	0.18	1.06	2.17
Accessories and other apparel manufacturing	3159	0.00	0.01	1.99	1.87
Accessories and other apparel manufacturing	31599	0.00	0.01	1.99	1.87
Accessories and other apparel manufacturing	315990	0.00	0.01	1.99	1.87
Footwear manufacturing	3162	0.20	0.08	2.07	0.64
Footwear manufacturing	31621	0.20	0.08	2.07	0.64
Footwear manufacturing	316210	0.19	0.08	2.08	0.64
Wood product manufacturing	321	0.36	0.21	0.69	0.57
Sawmills and wood preservation	3211	0.86	0.75	3.38	1.87
Sawmills and wood preservation	32111	0.86	0.75	3.38	1.87
Sawmills	321113	1.21	0.86	4.68	2.34
Wood preservation	321114	0.50	1.03	3.94	4.09
Plywood and engineered wood product mfg	3212	0.97	0.44	7.71	1.04
Plywood and engineered wood product mfg	32121	0.97	0.44	7.71	1.04
Hardwood veneer and plywood manufacturing	321211	0.36	0.42	2.66	2.71
Softwood veneer and plywood manufacturing	321212	1.55	0.51	3.65	1.23
Engineered wood member manufacturing	321215	0.62	0.87	4.26	1.81
Reconstituted wood product manufacturing	321219	2.56	0.70	16.65	1.50
Other wood product manufacturing	3219	0.16	0.20	2.31	0.67
Millwork	32191	0.19	0.23	2.96	0.88
Wood window and door manufacturing	321911	0.13	0.19	1.67	0.71
Cut stock, resawing lumber, and planing	321912	0.31	0.46	8.85	4.39
Other millwork, including flooring	321918	0.53	0.56	1.14	1.77
Wood container and pallet manufacturing	32192	0.13	0.24	1.53	1.55
Wood container and pallet manufacturing	321920	0.13	0.24	1.53	1.55
All other wood product manufacturing	32199	0.18	0.36	2.96	1.13
Manufactured home, mobile home, manufacturing	321991	0.05	0.02	1.30	0.42
Prefabricated wood building manufacturing	321992	0.32	0.49	4.44	2.31

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Miscellaneous wood product manufacturing	321999	0.11	0.17	2.87	2.18
Paper manufacturing	322	0.24	0.14	3.37	0.46
Pulp, paper & paperboard mills	3221	0.28	0.36	2.46	1.04
Pulp mills	32211	1.36	1.01	5.28	3.84
Pulp mills	322110	1.36	1.01	5.28	3.84
Paper mills	32212	0.25	0.33	0.63	1.19
Paper mills	322120	0.25	0.33	0.63	1.19
Paperboard mills	32213	0.46	0.60	4.99	1.94
Paperboard mills	322130	0.47	0.60	5.00	1.94
Converted paper product mfg	3222	0.23	0.14	4.26	0.50
Paper container mfg	32221	0.19	0.15	5.16	0.66
Corrugated and solid fiber box manufacturing	322211	0.21	0.16	6.72	0.68
Folding paperboard box manufacturing	322212	0.26	0.31	1.90	2.09
Other paperboard container manufacturing	322219	0.22	0.18	4.11	0.79
Paper bag and coated and treated paper mfg	32222	0.31	0.30	2.54	0.82
Paper bag and coated and treated paper manufacturing	322220	0.31	0.30	2.54	0.82
Stationery product mfg	32223	0.84	0.81	2.53	0.93
Stationery product manufacturing	322230	0.84	0.81	2.53	0.92
Other converted paper product mfg	32229	0.15	0.36	4.08	1.17
Sanitary paper product manufacturing	322291	0.16	0.43	4.58	1.52
All other converted paper product mfg.	322299	0.40	0.41	2.52	1.31
Printing and related support activities	323	0.50	0.54	4.73	2.32
Printing and related support activities	3231	0.50	0.54	4.73	2.32
Printing	32311	0.50	0.55	4.75	2.39
Commercial screen printing	323113	0.37	0.44	3.45	1.32
Books printing	323117	0.12	0.44	4.21	2.26
Commercial printing, except screen and books	32311K	0.55	0.64	4.80	2.75
Petroleum and coal products manufacturing	324	2.94	0.89	7.65	1.79
Petroleum and coal products mfg	3241	2.94	0.89	7.65	1.79
Petroleum refineries	32411	3.23	0.97	8.45	1.95
Petroleum refineries	324110	3.23	0.97	8.45	1.95
Asphalt paving and roofing materials mfg	32412	0.22	0.79	2.24	0.93
Asphalt paving mixture & block manufacturing	324121	0.37	0.34	2.64	1.21
Asphalt shingle and coating materials manufacturing	324122	0.37	1.23	1.42	1.40
Other petroleum and coal products mfg	32419	0.15	0.12	0.38	0.79
Petroleum lubricating oil and grease mfg.	324191	0.12	0.12	0.37	0.72
All other petroleum and coal products mfg.	324199	0.21	0.24	0.97	3.08
Chemical mfg	325	0.30	0.22	1.12	0.71
Basic chemical mfg	3251	0.56	0.57	1.24	1.87
Petrochemical mfg	32511	2.90	2.50	10.44	7.20
Petrochemical manufacturing	325110	2.91	2.49	10.63	7.15
Industrial gas mfg	32512	1.95	1.99	12.41	8.88
Industrial gas manufacturing	325120	1.96	1.99	12.41	8.88
Synthetic dye and pigment mfg	32513	1.82	1.38	4.23	2.06
Synthetic dye and pigment manufacturing	325130	1.82	1.38	4.23	2.06
Other basic inorganic chemical manufacturing	32518	0.36	0.65	1.05	2.03
Other basic inorganic chemical manufacturing	325180	0.36	0.65	1.05	2.03
Other basic organic chemical mfg	32519	0.60	0.62	1.25	2.01
Ethyl alcohol manufacturing	325193	1.03	1.37	4.24	2.42
Cyclic crude, intermediate, and gum and wood chemical mfg	325194	1.19	0.98	4.46	3.13
All other basic organic chemical manufacturing	325199	0.58	0.76	2.15	2.77
Resin, synthetic rubber, and artificial/synthetic fiber/filaments mfg	3252	0.79	0.73	1.95	3.45
Resin and synthetic rubber mfg	32521	0.85	0.78	2.01	3.73

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Plastics material and resin manufacturing	325211	0.77	0.86	2.28	4.09
Synthetic rubber manufacturing	325212	0.95	0.66	1.54	5.10
Artificial fibers and filaments manufacturing	32522	2.00	3.07	3.91	3.78
Artificial fibers and filaments manufacturing	325220	2.00	3.07	3.92	3.78
Pesticide, fertilizer, and other agricultural chemical mfg	3253	0.71	0.57	4.75	1.30
Fertilizer mfg	32531	1.02	0.87	10.18	1.61
Nitrogenous fertilizer manufacturing	325311	1.89	2.24	13.92	3.86
Phosphatic fertilizer manufacturing	325312	1.11	0.43	9.84	1.60
Fertilizer, mixing only, manufacturing (including compost)	325314	0.64	0.58	1.97	1.48
Pesticide and other agricultural chemical mfg	32532	0.12	0.25	0.58	2.18
Pesticide and other agricultural chemical manufacturing	325320	0.12	0.25	0.58	2.18
Pharmaceutical and medicine mfg	3254	0.09	0.13	0.71	0.56
Pharmaceutical and medicine mfg	32541	0.09	0.13	0.71	0.56
Medicinal and botanical manufacturing	325411	0.24	0.40	0.90	1.14
Pharmaceutical preparation manufacturing	325412	0.05	0.15	0.09	0.66
In-vitro diagnostic substance manufacturing	325413	0.18	0.13	4.70	1.21
Other biological product manufacturing	325414	0.00	0.00	2.24	1.06
Paint, coating & adhesive mfg	3255	0.21	0.22	2.01	0.58
Paint and coating mfg	32551	0.12	0.21	1.14	0.99
Paint and coating manufacturing	325510	0.12	0.21	1.14	0.99
Adhesive mfg	32552	0.29	0.21	3.00	1.04
Adhesive manufacturing	325520	0.29	0.21	3.00	1.04
Soap, cleaners, and toilet preparation mfg	3256	0.15	0.09	1.55	0.54
Soap & cleaning compound mfg	32561	0.18	0.18	1.62	0.78
Soap and other detergent manufacturing	325611	0.14	0.08	2.24	0.91
Polish and other sanitation good mfg.	325612	0.09	0.13	0.65	0.43
Surface active agent manufacturing	325613	0.20	0.38	0.29	2.30
Toilet preparation mfg	32562	0.07	0.06	1.53	0.80
Toilet preparation manufacturing	325620	0.07	0.06	1.53	0.80
Other chemical product & preparation mfg	3259	0.41	0.44	2.61	1.74
Printing ink mfg	32591	0.09	0.18	1.72	1.54
Printing ink manufacturing	325910	0.09	0.18	1.71	1.54
Explosives mfg	32592	0.26	0.17	7.31	1.35
Explosives manufacturing	325920	0.26	0.17	7.31	1.35
All other chemical product & preparation mfg	32599	0.48	0.52	2.35	2.04
Custom compounding of purchased resins	325991	0.59	0.61	2.10	2.17
Photographic Film, Paper, Plate, Chemical, and Copy Toner Manufacturing	325992	2.29	2.47	5.20	4.63
Other miscellaneous chemical product manufacturing	325998	0.12	0.20	3.72	3.13
Plastics and rubber products mfg	326	0.14	0.12	0.97	0.40
Plastics product mfg	3261	0.13	0.14	0.72	0.48
Unsupported plastics film, sheet, and bag mfg	32611	0.40	0.26	0.45	0.68
Plastics bag and pouch manufacturing	326111	0.18	0.22	1.15	1.49
Plastics packaging film and sheet mfg.	326112	0.30	0.42	1.10	1.15
Nonpackaging plastics film and sheet mfg.	326113	0.48	0.42	0.59	1.05
Plastics pipe/fitting/unsupported shapes mfg	32612	0.39	0.36	1.95	1.41
Unlaminated plastics profile shape mfg.	326121	0.72	0.79	3.12	2.91
Plastics pipe and pipe fitting manufacturing	326122	0.56	0.39	4.52	1.39
Laminated plastics plate, sheet, and shape mfg	32613	0.07	0.07	1.95	0.49
Laminated plastics plate, sheet (except packaging), and shape manufacturing	326130	0.07	0.07	1.95	0.49
Polystyrene foam product mfg	32614	0.07	0.40	3.12	2.09
Polystyrene foam product manufacturing	326140	0.07	0.40	3.13	2.09
Foam product (ex polystyrene) mfg	32615	0.03	0.03	1.88	0.85
Urethane and other foam product mfg.	326150	0.03	0.03	1.88	0.85
Plastics bottle mfg	32616	0.13	0.16	1.23	1.38
Plastics bottle manufacturing	326160	0.13	0.16	1.23	1.38
Other plastics product mfg	32619	0.24	0.21	1.34	0.80

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Plastics plumbing fixture manufacturing	326191	0.00	0.01	1.01	0.42
All other plastics product manufacturing	326199	0.25	0.22	1.37	0.83
Rubber product mfg	3262	0.20	0.17	1.75	0.59
Tire mfg	32621	0.19	0.22	1.30	0.56
Tire manufacturing, except retreading	326211	0.19	0.22	1.30	0.56
Rubber and plastics hose and belting	32622	0.05	0.06	2.00	0.78
Rubber and plastics hose and belting mfg.	326220	0.05	0.06	2.00	0.78
Other rubber product mfg	32629	0.23	0.19	2.17	1.25
Rubber product mfg. for mechanical use	326291	0.19	0.17	1.56	0.60
All other rubber product manufacturing	326299	0.34	0.30	2.65	2.09
Nonmetallic mineral product manufacturing	327	0.21	0.15	2.36	0.64
Clay product and refractory manufacturing	3271	0.17	0.20	2.97	0.60
Pottery, ceramics, and plumbing fixture mfg	32711	0.18	0.20	6.60	1.83
Pottery, ceramics, and plumbing fixture mfg.	327110	0.18	0.20	6.61	1.83
Clay building material and refractories mfg	32712	0.16	0.20	1.61	0.57
Clay building material and refractories mfg.	327120	0.16	0.20	1.61	0.57
Glass and glass product manufacturing	3272	0.26	0.26	2.84	0.90
Glass and glass product manufacturing	32721	0.26	0.26	2.84	0.90
Flat glass manufacturing	327211	0.54	0.45	3.71	0.69
Other pressed and blown glass and glassware	327212	0.12	0.23	2.90	0.90
Glass container manufacturing	327213	0.12	0.12	3.48	2.16
Glass product mfg. made of purchased glass	327215	0.26	0.42	2.35	1.71
Cement and concrete product manufacturing	3273	0.09	0.24	2.04	1.09
Cement manufacturing	32731	0.13	0.32	1.65	0.74
Cement manufacturing	327310	0.13	0.32	1.65	0.74
Ready-mix concrete manufacturing	32732	0.30	0.35	0.67	1.45
Ready-mix concrete manufacturing	327320	0.30	0.35	0.67	1.45
Concrete pipe, brick, and block manufacturing	32733	0.17	0.19	4.37	0.84
Concrete block and brick manufacturing	327331	0.07	0.05	3.55	0.60
Concrete pipe manufacturing	327332	0.56	0.49	6.59	2.41
Other concrete product manufacturing	32739	0.50	0.47	4.41	2.15
Other concrete product manufacturing	327390	0.50	0.47	4.41	2.15
Gypsum product manufacturing	32742	0.21	0.35	1.28	1.58
Gypsum product manufacturing	327420	0.21	0.35	1.28	1.58
Other nonmetallic mineral products	3279	0.21	0.25	2.19	0.85
Abrasive product manufacturing	32791	0.38	0.35	3.60	1.55
Abrasive product manufacturing	327910	0.38	0.35	3.60	1.55
All other nonmetallic mineral product mfg	32799	0.24	0.27	1.76	0.99
Cut stone and stone product manufacturing	327991	0.09	0.27	2.16	2.66
Ground or treated mineral and earths manufacturing	327992	0.35	0.37	2.23	2.00
Mineral wool manufacturing	327993	0.54	0.56	1.10	1.51
Miscellaneous nonmetallic mineral products manufacturing	327999	0.00	0.00	1.42	1.18
Primary metal mfg	331	1.71	0.88	7.38	2.07
Iron & steel mills & ferroalloy mfg	3311	3.90	2.06	10.35	4.82
Iron & steel mills & ferroalloy mfg	33111	3.90	2.06	10.35	4.82
Iron and steel mills and ferroalloy mfg	331110	3.90	2.06	10.37	4.82
Steel product mfg from purchased steel	3312	0.60	0.48	5.19	2.13
Iron & steel pipe and tube mfg from purchased steel	33121	0.90	0.64	5.53	3.82
Iron and steel pipe and tube manufacturing from purchased steel	331210	0.90	0.64	5.54	3.82
Rolling & drawing of purchased steel	33122	0.89	0.65	4.98	1.60
Rolled steel shape mfg	331221	1.94	1.25	5.21	3.10
Steel wire drawing	331222	0.44	0.41	4.18	1.35
Alumina & aluminum production & processing	3313	2.23	0.22	16.13	0.79
Alumina & aluminum production & processing	33131	2.23	0.22	16.13	0.79
Secondary smelting and alloying of aluminum	331314	1.53	0.47	10.01	3.33

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Other aluminum rolling, drawing, and extruding	331318	2.48	0.54	13.86	1.34
Nonferrous (exc alum) production & processing	3314	2.10	0.81	14.26	1.65
Copper rolling/drawing/extruding & alloying	33142	1.78	0.64	10.30	2.02
Copper rolling, drawing, extruding, and alloying	331420	1.78	0.64	10.29	2.02
Other nonferrous roll/draw/extruding/alloying	33149	1.41	1.00	14.48	2.97
Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	331491	0.55	0.57	5.26	4.06
Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	331492	2.19	1.48	21.60	4.16
Foundries	3315	0.26	0.15	2.65	0.82
Ferrous metal foundries	33151	0.19	0.15	1.32	1.16
Iron foundries	331511	0.18	0.11	1.50	0.85
Steel investment foundries	331512	0.21	0.35	3.90	1.66
Steel foundries, except investment	331513	0.23	0.17	2.78	4.89
Nonferrous metal foundries	33152	0.25	0.20	4.25	1.18
Nonferrous metal die-casting foundries	331523	0.05	0.08	0.56	0.51
Aluminum foundries, except die-casting	331524	0.09	0.12	7.79	4.56
Other nonferrous metal foundries, except die-casting	331529	0.88	0.64	9.31	1.84
Fabricated metal product mfg	332	0.53	0.20	5.06	0.69
Forging & stamping	3321	0.24	0.32	2.90	1.22
Forging & stamping	33211	0.24	0.32	2.90	1.22
Iron and steel forging	332111	0.42	0.33	3.30	2.96
Nonferrous forging	332112	0.20	0.23	5.39	3.91
Custom roll forming	332114	0.04	0.21	2.83	1.33
Other metal stamping, except automotive	332119	0.38	0.40	1.77	2.46
Saw blade, handsaw, and hand and edge tool mfg	332216	0.56	0.30	6.78	1.54
Architectural & structural metals mfg	3323	0.75	0.33	7.00	1.64
Plate work & fabricated structural prod mfg	33231	0.68	0.59	7.01	2.66
Prefabricated metal buildings and components mfg	332311	0.57	1.29	1.79	2.65
Fabricated structural metal mfg	332312	0.83	0.53	8.07	2.97
Plate work mfg	332313	0.00	0.00	12.44	10.98
Ornamental & architectural metal prod mfg	33232	0.57	0.30	6.02	2.09
Metal window and door mfg	332321	0.60	0.42	6.01	2.07
Sheet metal work mfg	332322	0.40	0.34	4.48	1.56
Ornamental and architectural metal work mfg	332323	0.10	0.29	9.55	5.94
Boiler, tank & shipping container mfg	3324	0.68	0.32	6.02	1.09
Power boiler & heat exchanger mfg	33241	0.56	0.54	8.97	2.37
Power boiler and heat exchanger mfg	332410	0.56	0.54	8.96	2.37
Metal tank (heavy gauge) mfg	33242	0.37	0.44	6.49	3.03
Metal tanks, heavy gauge, mfg	332420	0.37	0.44	6.49	3.03
Light gauge metal container mfg	33243	0.34	0.32	4.47	0.96
Metal can mfg	332431	0.42	0.36	5.17	1.18
Other metal container mfg	332439	0.56	0.43	2.16	1.45
Hardware mfg	3325	0.30	0.26	4.95	0.79
Hardware mfg	33251	0.30	0.26	4.95	0.79
Hardware mfg	332510	0.30	0.26	4.95	0.79
Spring & wire product mfg	3326	0.25	0.41	4.64	2.98
Spring & wire product mfg	33261	0.25	0.41	4.64	2.98
Spring mfg	332613	0.31	0.49	3.66	5.64
Other fabricated wire product mfg	332618	0.35	0.41	5.53	2.27
Mach shops, turn prod, screw, nut, bolt mfg	3327	0.09	0.15	3.12	1.30
Machine shops	33271	0.14	0.22	2.49	1.72
Machine shops	332710	0.14	0.22	2.49	1.72
Turned product & screw, nut & bolt mfg	33272	0.18	0.16	3.11	2.32
Precision turned product mfg	332721	0.09	0.12	3.18	3.51
Bolt, nut, screw, rivet, and washer mfg	332722	0.25	0.21	3.13	2.32
Coating/engrave/heat treating & other activity	3328	0.59	1.20	3.86	2.18
Coating/engrave/heat treating & other activity	33281	0.59	1.20	3.86	2.18

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Metal heat treating	332811	1.04	1.74	6.69	3.52
Metal coating and nonprecious engraving	332812	0.64	0.50	4.69	2.99
Electroplating, anodizing and coloring metal	332813	0.66	1.08	3.05	4.20
Other fabricated metal product mfg	3329	0.58	0.29	4.58	1.04
Metal valve mfg	33291	0.59	0.27	5.87	1.17
Industrial valve mfg	332911	0.62	0.23	7.04	0.95
Fluid power valve and hose fitting mfg	332912	0.33	0.44	8.07	3.27
Plumbing fixture fitting and trim mfg	332913	0.00	0.00	5.96	0.99
Other metal valve and pipe fitting mfg	332919	0.27	0.09	4.18	2.72
All other fabricated metal product mfg	33299	0.54	0.42	3.17	1.42
Ball and roller bearing mfg	332991	0.28	0.13	7.77	0.99
Fabricated pipe and pipe fitting mfg	332996	0.25	0.37	3.92	1.63
Miscellaneous fabricated metal product mfg	332999	0.73	0.88	3.02	3.24
Small arms, ordnance, and ordnance accessories mfg	33299T	0.00	0.00	0.06	0.04
Machinery manufacturing	333	0.36	0.10	3.63	0.35
Agricultural, construction, and mining machinery mfg	3331	0.27	0.17	1.97	0.88
Agricultural implement manufacturing	33311	0.12	0.21	0.95	0.48
Farm machinery and equipment mfg	333111	0.13	0.24	1.25	0.60
Lawn and garden equipment mfg	333112	0.10	0.11	0.30	0.58
Construction machinery manufacturing	33312	0.40	0.32	3.21	1.91
Construction machinery mfg	333120	0.40	0.32	3.21	1.91
Mining and oil and gas field machinery mfg	33313	0.08	0.06	1.56	1.58
Mining machinery and equipment mfg	333131	0.05	0.10	1.40	0.87
Oil and gas field machinery and equipment mfg	333132	0.00	0.00	1.79	2.17
Industrial machinery manufacturing	3332	0.39	0.33	3.00	1.16
Other industrial machinery manufacturing	33324	0.39	0.33	3.00	1.16
Food product machinery mfg	333241	0.05	0.04	2.27	0.88
Semiconductor machinery mfg	333242	0.00	0.07	1.23	3.17
Sawmill, woodworking and paper machinery mfg	333243	0.22	0.20	4.25	1.58
All other industrial machinery mfg	333248	0.56	0.49	3.42	1.88
Commercial and service industry machinery manufacturing	3333	0.19	0.18	3.69	0.80
Commercial and service industry machinery manufacturing	33331	0.19	0.18	3.69	0.80
Commercial and service industry machinery mfg	333310	0.19	0.18	3.69	0.80
HVAC and commercial refrigeration equipment	3334	0.48	0.43	3.35	0.97
HVAC and commercial refrigeration equipment	33341	0.48	0.43	3.35	0.97
Fan, blower, air purification equipment mfg	333413	0.13	0.14	0.99	0.69
Heating equipment (except warm air furnaces) mfg	333414	0.36	0.32	4.70	0.90
Air-conditioning, refrigeration, and forced air heating equipment mfg	333415	0.56	0.55	3.51	1.22
Metalworking machinery manufacturing	3335	0.30	0.19	3.75	1.34
Metalworking machinery manufacturing	33351	0.30	0.19	3.75	1.34
Industrial mold mfg	333511	0.10	0.11	3.58	5.44
Special tool, die, jig, and fixture mfg	333514	0.19	0.28	4.79	1.87
Cutting tool and machine tool accessory mfg	333515	0.14	0.10	2.68	0.54
Machine tool mfg	333517	0.07	0.10	2.52	0.94
Rolling mill and other metalworking machinery mfg	333519	0.14	0.13	4.40	1.19
Turbine and power transmission equipment mfg	3336	0.22	0.22	4.03	0.51
Turbine and power transmission equipment mfg	33361	0.22	0.22	4.03	0.51
Turbine and turbine generator set units mfg	333611	0.36	0.57	4.58	1.17
Speed changer, drive, and gear mfg	333612	0.27	0.44	6.43	2.25
Mechanical power transmission equipment mfg	333613	0.57	0.42	8.19	2.11
Other engine equipment mfg	333618	0.06	0.08	3.00	0.45
Other general purpose machinery manufacturing	3339	0.45	0.13	4.99	0.54
Pump and compressor manufacturing	33391	0.45	0.20	4.97	0.72
Air and gas compressor mfg	333912	0.37	0.16	6.15	0.92
Measuring, dispensing, and other pumping equipment mfg	333914	0.51	0.29	3.96	0.92
Material handling equipment manufacturing	33392	0.51	0.20	4.86	0.88

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Elevator and moving stairway mfg	333921	0.07	0.08	2.71	1.32
Conveyor and conveying equipment mfg	333922	0.44	0.37	3.15	2.36
Overhead cranes, hoists and monorail systems mfg	333923	0.22	0.24	4.01	1.04
Industrial truck, trailer, and stacker mfg	333924	0.32	0.20	8.15	1.86
All other general purpose machinery mfg	33399	0.59	0.17	4.97	0.54
Welding and soldering equipment mfg	333992	0.33	0.30	7.55	1.01
Packaging machinery mfg	333993	0.46	0.37	6.08	2.27
Industrial process furnace and oven mfg	333994	0.19	0.18	6.02	1.03
Fluid power cylinder and actuator mfg	333995	0.29	0.28	4.19	2.05
Fluid power pump and motor mfg	333996	0.54	0.32	4.29	1.87
All other miscellaneous general purpose machinery mfg	333998	0.24	0.19	3.89	0.86
Computer & electronic product mfg	334	0.39	0.25	3.38	0.69
Computer & peripheral equipment mfg	3341	0.27	0.49	3.12	2.25
Computer & peripheral equipment mfg	33411	0.27	0.49	3.12	2.25
Electronic computer mfg	334111	0.11	0.15	0.66	2.04
Computer storage device mfg	334112	0.66	1.19	2.33	6.35
Computer terminal and other computer peripheral equipment mfg	334118	0.00	0.00	4.33	3.49
Communications equipment mfg	3342	0.29	0.21	2.18	1.30
Telephone apparatus mfg	33421	0.31	0.43	7.24	6.06
Telephone apparatus mfg	334210	0.31	0.43	7.26	6.07
Radio/TV broadcast & wireless comm equip mfg	33422	0.28	0.24	4.64	0.96
Broadcast and wireless communications equipment mfg	334220	0.28	0.24	4.64	0.96
Audio & video equipment mfg	3343	0.00	0.00	3.47	2.61
Audio and video equipment mfg	33431	0.00	0.00	3.47	2.61
Audio and video equipment mfg	334310	0.00	0.00	3.47	2.61
Semiconductor and other electronic component mfg	3344	0.47	0.50	0.73	1.68
Semiconductor and other electronic component mfg	33441	0.47	0.50	0.73	1.68
Bare printed circuit board mfg	334412	0.18	0.45	4.76	4.48
Semiconductor and related device mfg	334413	0.31	0.58	3.83	1.78
Electronic connector mfg	334417	0.82	0.52	6.19	1.32
Printed circuit assembly mfg	334418	1.97	2.26	8.09	7.27
Other electronic component mfg	334419	0.26	0.36	3.06	1.48
Capacitor, resistor, coil, transformer, and other inductor mfg	33441K	0.39	0.30	4.96	2.07
Nav/measuring/medical/control instruments mfg	3345	0.25	0.14	5.15	0.92
Nav/measuring/medical/control instruments mfg	33451	0.25	0.14	5.15	0.92
Electromedical apparatus mfg	334510	0.01	0.01	2.11	0.81
Search, detection, and navigation instruments	334511	0.11	0.12	8.73	2.23
Automatic environmental control mfg	334512	0.37	0.58	4.18	3.30
Industrial process variable instruments	334513	0.41	0.36	5.46	1.19
Totalizing fluid meters and counting devices mfg	334514	0.27	0.22	4.37	1.15
Electricity and signal testing instruments mfg	334515	0.39	0.28	3.29	2.34
Analytical laboratory instrument mfg	334516	0.22	0.36	2.29	0.79
Irradiation apparatus mfg	334517	0.00	0.00	0.69	0.72
Other measuring and controlling device mfg	334519	0.53	0.28	4.43	1.64
Electrical equipment and appliance mfg	335	0.42	0.23	4.55	0.67
Electric lighting equipment mfg	3351	0.18	0.35	5.10	1.42
Electric lighting equipment mfg	33513	0.18	0.37	5.10	1.64
Nonresidential electric lighting fixture mfg	335132	0.21	0.39	5.01	2.60
Other lighting equipment, including lamps and bulbs mfg	335139	0.00	0.00	6.99	1.35
Household appliance mfg	3352	0.22	0.29	2.69	0.52
Small electrical appliance mfg	33521	0.16	0.37	2.44	1.05
Small electrical appliance mfg	335210	0.16	0.37	2.44	1.05
Major household appliance mfg	33522	0.29	0.33	2.73	0.62
Major household appliance mfg	335220	0.29	0.33	2.73	0.62
Electrical equipment mfg	3353	0.73	0.36	7.20	1.37

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Electrical equipment mfg	33531	0.73	0.36	7.20	1.37
Electric power and specialty transformer mfg	335311	0.08	0.04	2.50	0.23
Motor and generator mfg	335312	0.36	0.23	4.33	1.72
Switchgear and switchboard apparatus mfg	335313	0.95	0.70	10.47	3.18
Relay and industrial control mfg	335314	0.55	0.62	8.51	2.33
Other electrical equipment & component mfg	3359	0.42	0.42	3.29	1.06
Storage battery mfg	33591	0.20	0.16	3.37	0.70
Battery mfg	335910	0.20	0.16	3.37	0.70
Communication & energy wire & cable mfg	33592	1.19	1.21	3.45	1.56
Other communication and energy wire mfg	335929	1.27	1.44	4.40	1.82
Wiring device mfg	33593	0.69	0.40	3.12	3.07
Current-carrying wiring device mfg	335931	0.42	0.56	3.02	2.00
Noncurrent-carrying wiring device mfg	335932	0.50	0.63	4.50	6.29
All other electrical equipment & component mfg	33599	0.13	0.20	1.61	1.97
Carbon and graphite product mfg	335991	0.00	0.00	4.16	4.21
Miscellaneous electrical equipment mfg	335999	0.09	0.11	3.51	1.98
Transportation equipment manufacturing	336	0.15	0.06	1.92	0.22
Motor vehicle manufacturing	3361	0.10	0.12	1.78	0.33
Automobile and light truck manufacturing	33611	0.11	0.13	1.76	0.34
Automobile, light truck and utility vehicle mfg	336110	0.11	0.13	1.76	0.34
Heavy duty truck manufacturing	33612	0.02	0.02	1.67	1.21
Heavy duty truck mfg	336120	0.02	0.02	1.67	1.21
Motor vehicle body and trailer manufacturing	3362	0.29	0.17	2.47	0.45
Motor vehicle body and trailer manufacturing	33621	0.29	0.17	2.47	0.45
Motor vehicle body mfg	336211	0.19	0.15	3.62	1.41
Truck trailer mfg	336212	0.28	0.16	1.81	0.44
Motor home mfg	336213	0.06	0.07	2.29	0.38
Travel trailer and camper mfg	336214	0.37	0.25	1.42	0.64
Motor vehicle parts manufacturing	3363	0.22	0.14	1.36	0.38
Motor vehicle gasoline engine and parts mfg	33631	0.14	0.09	1.41	0.47
Motor vehicle gasoline engine and engine parts mfg	336310	0.14	0.09	1.41	0.47
Motor vehicle electric equipment	33632	0.33	0.16	2.00	0.53
Motor vehicle electrical and electronic equipment mfg	336320	0.33	0.16	2.00	0.53
Motor vehicle steering and suspension parts	33633	0.08	0.06	1.62	0.56
Motor vehicle steering and suspension components (except spring) manufacturing	336330	0.08	0.06	1.62	0.56
Motor vehicle brake system manufacturing	33634	0.37	0.26	1.92	1.48
Motor vehicle brake system mfg	336340	0.37	0.26	1.93	1.48
Motor vehicle power train components mfg	33635	0.11	0.21	1.36	0.72
Motor vehicle transmission and power train parts manufacturing	336350	0.11	0.21	1.36	0.72
Motor vehicle seating and interior trim mfg	33636	0.21	0.16	0.39	0.72
Motor vehicle seating and interior trim mfg	336360	0.21	0.16	0.40	0.72
Motor vehicle metal stamping	33637	0.06	0.10	1.09	0.76
Motor vehicle metal stamping	336370	0.06	0.10	1.09	0.76
Other motor vehicle parts manufacturing	33639	0.38	0.44	1.93	1.20
Other motor vehicle parts mfg	336390	0.38	0.44	1.93	1.20
Aerospace product and parts manufacturing	3364	0.19	0.05	2.24	0.39
Aerospace product and parts manufacturing	33641	0.19	0.05	2.24	0.39
Aircraft mfg	336411	0.18	0.05	2.47	0.46
Aircraft engine and engine parts mfg	336412	0.08	0.07	1.65	0.58
Other aircraft parts and equipment mfg	336413	0.04	0.05	1.02	0.41
Railroad rolling stock manufacturing	3365	0.02	0.08	1.15	1.27
Railroad rolling stock manufacturing	33651	0.02	0.08	1.15	1.27
Railroad rolling stock mfg	336510	0.02	0.08	1.15	1.27
Ship and boat building	3366	0.16	0.11	2.64	0.70
Ship and boat building	33661	0.16	0.11	2.64	0.70
Ship building and repairing	336611	0.07	0.09	2.40	1.02

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Boat building	336612	0.28	0.14	3.10	0.52
Other transportation equipment manufacturing	3369	0.06	0.08	1.03	0.54
Other transportation equipment manufacturing	33699	0.06	0.08	1.03	0.54
Motorcycle, bicycle, and parts mfg	336991	0.10	0.10	1.66	0.60
All other transportation equipment mfg	336999	0.02	0.01	0.76	0.79
Furniture & related product mfg	337	0.39	0.17	3.67	0.58
HH & institutional furniture & kitchen cabinet mfg	3371	0.32	0.19	3.18	0.67
Wood kitchen cabinet & countertop mfg	33711	0.00	0.00	1.45	0.57
Wood kitchen cabinet and countertop mfg	337110	0.00	0.00	1.45	0.57
Household & institutional furniture mfg	33712	0.40	0.18	4.13	1.00
Upholstered household furniture mfg	337121	0.19	0.19	3.57	1.19
Nonupholstered wood household furniture mfg	337122	0.47	0.29	4.27	2.69
Institutional furniture mfg	337127	0.33	0.24	5.72	3.16
Office furniture (including fixtures) mfg	3372	0.47	0.44	4.15	1.13
Office furniture (including fixtures) mfg	33721	0.47	0.44	4.15	1.13
Custom architectural woodwork and millwork	337212	0.12	0.19	2.95	2.06
Office furniture, except wood, mfg	337214	0.34	0.58	4.49	1.50
Showcases, partitions, shelving, and lockers mfg	337215	0.51	1.07	4.99	3.24
Mattress mfg	33791	0.06	0.10	2.07	1.42
Mattress mfg	337910	0.06	0.10	2.07	1.42
Miscellaneous mfg	339	0.28	0.14	3.32	0.49
Medical equipment & supplies mfg	3391	0.13	0.13	2.45	0.79
Medical equipment & supplies mfg	33911	0.13	0.13	2.45	0.79
Surgical and medical instrument mfg	339112	0.08	0.21	2.15	0.60
Surgical appliance and supplies mfg	339113	0.14	0.21	2.48	1.12
Dental equipment and supplies mfg	339114	0.12	0.17	4.43	2.32
Ophthalmic goods mfg	339115	0.13	0.13	0.20	2.21
Jewelry & silverware mfg	33991	1.36	0.55	8.10	1.87
Jewelry and silverware mfg	339910	1.36	0.55	8.10	1.87
Sporting & athletic goods mfg	33992	0.12	0.10	1.67	1.22
Sporting and athletic goods mfg	339920	0.12	0.10	1.67	1.22
Sign mfg	33995	0.03	0.11	2.96	1.49
Sign mfg	339950	0.03	0.11	2.96	1.49
Gasket, packing, and sealing device mfg	339991	0.22	0.18	5.85	1.60
Musical instrument mfg	339992	0.21	0.19	3.96	1.85
Broom, brush, and mop mfg	339994	0.43	0.31	7.71	3.06
Burial casket mfg	339995	0.01	0.01	4.51	1.72
Services					
Merchant wholesalers, durable goods	423	2.02	3.45	4.94	3.95
Motor vehicle and parts merchant wholesalers	4231	5.22	12.18	4.87	13.08
Motor vehicle and parts merchant wholesalers	42310	5.21	12.18	4.87	13.08
Motor vehicle and parts merchant wholesalers	423100	5.22	12.18	4.87	13.07
Furniture and home furnishing merchant wholesalers	4232	1.37	1.43	3.92	3.49
Furniture and home furnishing merchant wholesalers	42320	1.37	1.43	3.92	3.49
Furniture and home furnishing merchant wholesalers	423200	1.37	1.43	3.92	3.49
Lumber and other construction materials merchant wholesalers	4233	1.14	1.83	2.23	3.22
Lumber and other construction materials merchant wholesalers	42330	1.14	1.83	2.23	3.22
Lumber and other construction materials merchant wholesalers	423300	1.13	1.82	2.09	3.22
Professional and commercial equipment and supplies merchant wholesalers	4234	2.51	2.61	2.67	5.43
Professional and commercial equipment and supplies merchant wholesalers	42340	2.51	2.61	2.67	5.43
Professional and commercial equipment and supplies merchant wholesalers	423400	2.52	2.61	2.66	5.43
Metal and mineral (except petroleum) merchant wholesalers	4235	4.25	5.43	12.39	10.52
Metal and mineral (except petroleum) merchant wholesalers	42350	4.25	5.43	12.39	10.52
Metal and mineral (except petroleum) merchant wholesalers	423500	4.26	5.44	12.40	10.54

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Household appliances and electrical and electronic goods merchant wholesalers	4236	1.39	4.14	10.53	7.57
Household appliances and electrical and electronic goods merchant wholesalers	42360	1.39	4.14	10.53	7.57
Household appliances and electrical and electronic goods merchant wholesalers	423600	1.39	4.14	10.52	7.57
Hardware, plumbing and heating equipment and supplies merchant wholesalers	4237	1.35	1.56	2.19	4.91
Hardware, plumbing and heating equipment and supplies merchant wholesalers	42370	1.35	1.56	2.19	4.91
Hardware, plumbing, and heating equipment and supplies merchant wholesalers	423700	1.35	1.56	2.19	4.91
Machinery, equipment, and supplies merchant wholesalers	4238	1.33	0.92	5.51	3.76
Machinery, equipment, and supplies merchant wholesalers	42380	1.33	0.92	5.51	3.76
Machinery and supply merchant wholesalers	423800	1.35	0.93	5.60	3.79
Miscellaneous durable goods merchant wholesalers (except materials recyclers)	4239	2.95	3.61	9.22	6.18
Miscellaneous durable goods merchant wholesalers (except materials recyclers)	42390	2.95	3.61	9.22	6.18
Miscellaneous durable goods, except recyclable material, merchant wholesalers	423900	2.93	3.60	9.24	6.18
Merchant wholesalers, nondurable goods	424	1.33	1.43	2.91	2.34
Paper and paper product merchant wholesalers	4241	0.64	0.85	1.37	1.71
Paper and paper product merchant wholesalers	42410	0.64	0.85	1.37	1.71
Paper and paper product merchant wholesalers	424100	0.65	0.86	1.37	1.72
Drugs and druggists' sundries merchant wholesalers	4242	2.06	3.49	2.82	5.23
Drugs and druggists' sundries merchant wholesalers	42420	2.06	3.49	2.82	5.23
Drugs and druggists' sundries merchant wholesalers	424200	2.06	3.49	2.82	5.23
Apparel and piece goods merchant wholesalers	4243	1.91	2.88	2.40	4.08
Apparel and piece goods merchant wholesalers	42430	1.91	2.88	2.40	4.08
Apparel and piece goods merchant wholesalers	424300	1.91	2.88	2.40	4.08
Grocery and related product merchant wholesalers	4244	1.78	1.64	8.05	2.90
Grocery and related product merchant wholesalers	42440	1.78	1.64	8.05	2.90
Grocery and related product merchant wholesalers	424400	1.78	1.64	8.05	2.90
Farm product raw material merchant wholesalers	4245	6.27	9.24	10.94	14.35
Farm product raw material merchant wholesalers	42450	6.27	9.24	10.94	14.35
Farm product raw material merchant wholesalers	424500	6.27	9.24	10.94	14.35
Chemicals and allied products merchant wholesalers	4246	1.82	1.74	3.60	4.52
Chemicals and allied products merchant wholesalers	42460	1.82	1.74	3.60	4.52
Chemicals and allied products merchant wholesalers	424600	1.82	1.74	3.61	4.52
Petroleum and petroleum products merchant wholesalers	4247	1.86	3.41	1.37	5.95
Petroleum and petroleum products merchant wholesalers	42470	1.86	3.41	1.37	5.95
Petroleum and petroleum products merchant wholesalers	424700	1.86	3.41	1.37	6.00
Beer, wine, and distilled alcoholic beverage merchant wholesalers	4248	0.43	0.57	0.48	1.47
Beer, wine, and distilled alcoholic beverage merchant wholesalers	42480	0.43	0.57	0.48	1.47
Beer, wine, and distilled alcoholic beverage merchant wholesalers	424800	0.43	0.57	0.48	1.47
Miscellaneous nondurable goods merchant wholesalers	4249	0.96	2.23	2.58	6.15
Miscellaneous nondurable goods merchant wholesalers	42490	0.96	2.23	2.58	6.15
Miscellaneous nondurable goods merchant wholesalers	424900	0.96	2.23	2.58	6.15
Material recyclers	429930	1.86	0.91	2.13	3.38
Motor vehicle and parts dealers	441	1.41	1.36	5.07	3.00
Automobile dealers	4411	2.22	1.70	4.21	3.84
New car dealers	44111	2.22	1.70	4.21	3.84
New car dealers	441110	2.44	1.94	3.58	4.36
Recreational vehicle dealers	44121	3.47	6.56	5.28	11.32
Recreational vehicle dealers	441210	3.47	6.56	5.28	11.32
Boat dealers	441222	3.23	8.10	8.64	10.38
Automotive parts, accessories and tire retailers	4413	1.15	1.75	9.55	5.86
Automotive parts and accessories retailers	44133	0.96	2.17	8.70	6.46
Automotive parts and accessories retailers	441330	0.96	2.17	8.70	6.46
Tire dealers	44134	1.68	1.19	7.34	8.06
Tire dealers	441340	1.68	1.19	7.34	8.06

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Building material & garden supply retailers	444	1.21	0.88	3.74	1.76
Building material and supplies dealers	4441	1.44	0.98	4.22	1.95
Building material and supplies dealers	44410	1.44	0.98	4.22	1.95
Building materials and supplies dealers	444100	1.44	0.98	4.22	1.95
Lawn and garden equip and supplies retailers	4442	1.19	1.90	5.25	4.97
Nursery, garden, and farm supply retailers	44424	1.19	1.90	5.25	4.97
Nursery, garden, and farm supply retailers	444240	1.19	1.90	5.25	4.97
Food and beverage retailers	445	0.75	0.86	3.71	1.67
Grocery retailers	4451	1.11	0.97	3.74	1.78
Grocery (except convenience) retailers	44511	1.11	0.97	3.74	1.78
Supermarkets and other grocery stores	445110	1.11	0.97	3.74	1.78
Specialty food retailers	4452	1.04	1.54	5.35	8.13
Specialty food retailers	445200	1.04	1.54	5.35	8.13
Beer, wine, and liquor retailers	4453	1.18	1.71	6.86	5.18
Beer, wine, and liquor retailers	44532	1.18	1.71	6.86	5.18
Beer, wine, and liquor retailers	445320	1.18	1.71	6.86	5.18
Furniture, home furnishings, electronics, and appliance retailers	449	1.23	2.01	3.31	4.47
Furniture and Home Furnishings Retailers	4491	2.13	2.75	4.63	6.27
Furniture retailers	44911	2.72	3.40	6.23	8.26
Furniture retailers	449110	2.72	3.40	6.23	8.26
Floor covering retailers	44912	1.11	0.85	2.55	2.87
Floor covering retailers	449121	1.11	0.85	2.55	2.87
Electronics and appliance retailers	4492	0.75	1.30	1.49	4.28
Electronics and appliance retailers	44921	0.75	1.30	1.49	4.28
Electronics and appliance retailers	449210	0.75	1.30	1.49	4.28
General merchandise retailers	455	1.82	1.14	5.19	5.35
Department stores	4551	4.03	3.65	3.56	3.64
Department stores	45511	4.03	3.65	3.56	3.64
Department stores	455110	4.03	3.65	3.56	3.64
Other general merchandise retailers	4552	1.12	1.06	5.23	6.20
Other general merchandise retailers	45521	1.12	1.06	5.23	6.20
Warehouse clubs, supercenters, and other general merchandise retailers	455210	1.12	1.06	5.23	6.19
Health and personal care retailers	456	0.50	0.60	1.03	2.92
Health and personal care retailers	4561	0.50	0.60	1.03	2.92
Pharmacies and drug retailers	45611	0.54	0.65	1.05	3.27
Pharmacies and drug retailers	456110	0.54	0.65	1.05	3.27
Gasoline Stations and Fuel Dealers	457	1.73	2.95	8.18	5.64
Gasoline stations	4571	1.73	3.51	9.28	6.73
Gasoline stations	45710	1.73	3.46	9.28	6.58
Gasoline stations	457100	1.73	3.41	9.29	6.50
Fuel dealers	4572	2.51	2.42	2.80	3.33
Fuel dealers	45721	2.51	2.42	2.80	3.33
Fuel dealers	457210	2.51	2.42	2.80	3.33
Clothing and clothing accessories retailers	458	3.83	1.84	3.23	2.26
Clothing retailers	4581	5.74	2.44	1.94	2.35
Clothing retailers	45811	5.74	2.44	1.94	2.35
Clothing and clothing accessories retailers	458110	5.74	2.44	1.94	2.35
Shoe retailers	4582	4.92	4.18	6.46	4.75
Shoe retailers	45821	4.92	4.18	6.46	4.75
Shoe retailers	458210	4.92	4.18	6.46	4.75
Jewelry retailers	4583	0.86	1.58	8.64	7.52

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Jewelry retailers	45831	0.86	1.58	8.64	7.52
Jewelry retailers	458310	0.86	1.58	8.64	7.52
Sporting goods and hobby retailers	4591	4.00	3.35	3.69	3.12
Sporting goods retailers	45911	4.85	3.83	4.87	3.55
Sporting goods retailers	459110	4.85	3.83	4.87	3.55
Hobby, toy, and game retailers	45912	2.88	2.97	2.73	4.39
Hobby, toy, and game retailers	459120	2.88	2.97	2.73	4.39
Book retailers and news dealers	4592	1.04	0.49	1.19	0.89
Book retailers and news dealers	45921	1.04	0.49	1.19	0.89
Book retailers and news dealers	459210	1.04	0.49	1.19	0.89
Office supplies, stationery, and gift retailers	4594	0.54	0.40	3.23	0.98
Office supplies, stationery, and gift retailers	45940	0.54	0.40	3.23	0.98
Office supplies, stationery, and gift retailers	459400	0.54	0.40	3.23	0.98
Air transportation	481	1.42	0.89	2.20	1.26
Scheduled air transportation	4811	1.58	0.99	2.13	1.42
Scheduled air transportation	48111	1.58	0.99	2.13	1.42
Scheduled passenger air transportation	481111	1.60	1.03	2.16	1.47
Scheduled freight air transportation	481112	1.24	1.85	2.47	3.39
Nonscheduled air transportation	4812	0.19	0.47	2.67	1.14
Nonscheduled air transportation	48121	0.19	0.47	2.67	1.14
Nonscheduled air passenger chartering	481211	0.35	0.49	3.71	1.46
Nonscheduled air freight chartering	481212	1.16	1.01	0.71	2.08
Rail transportation	482	0.09	0.00	1.68	0.31
Rail transportation	4821	0.09	0.00	1.68	0.31
Rail transportation	48211	0.09	0.00	1.68	0.31
Line-haul railroads	482111	0.09	0.00	1.68	0.31
Water transportation	483	1.06	0.70	2.82	1.54
Deep sea freight transportation	483111	2.82	1.66	4.86	3.70
Coastal and Great Lakes freight transport.	483113	0.13	0.10	3.93	0.57
Inland water transportation	4832	0.19	0.22	1.42	2.98
Inland water transportation	48321	0.19	0.22	1.42	2.98
Inland water freight transportation	483211	0.19	0.22	1.42	2.98
Truck transportation	484	1.45	1.44	2.10	1.88
General freight trucking	4841	1.93	1.91	2.64	2.48
General freight trucking, local	48411	0.11	0.19	0.47	1.12
General freight trucking, local	484110	0.11	0.19	0.47	1.12
General freight trucking, long-distance	48412	2.42	2.38	3.09	3.16
General freight trucking, long-distance TL	484121	3.26	3.32	4.43	4.88
General freight trucking, long-distance LTL	484122	0.62	0.87	7.62	4.36
Specialized freight trucking	4842	0.21	0.42	0.95	1.19
Used household and office goods moving	48421	0.50	0.89	2.71	1.94
Used household and office goods moving	484210	0.50	0.89	2.71	1.94
Specialized freight (except used) trucking, local	48422	0.06	0.06	1.95	1.16
Specialized freight (except used goods) trucking, local	484220	0.06	0.06	1.95	1.16
Specialized freight (except used) trucking, long-distance	48423	0.21	0.67	0.82	2.65
Specialized freight (except used goods) trucking, long-distance	484230	0.21	0.67	0.82	2.65
Pipeline Transportation	486	0.15	0.14	3.23	0.65
Pipeline transportation of crude oil	4861	0.00	0.00	4.30	0.66
Pipeline transportation of crude oil	48611	0.00	0.00	4.30	0.66
Pipeline transportation of crude oil	486110	0.00	0.00	4.30	0.66
Pipeline transportation of natural gas	4862	0.25	0.17	3.07	1.11

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Pipeline transportation of natural gas	48621	0.25	0.17	3.07	1.11
Pipeline transportation of natural gas	486210	0.25	0.17	3.07	1.11
Other pipeline transportation	4869	0.01	0.01	1.87	0.80
Pipeline transportation of refined petroleum products	48691	0.01	0.01	1.87	0.80
Refined petroleum product pipeline transport.	486910	0.01	0.01	1.87	0.80
Transportation support activities	488	0.39	0.48	3.22	1.47
Airport operations	48811	1.00	0.68	4.08	1.57
Other airport operations	488119	1.00	0.68	4.08	1.57
Water transportation support activities	4883	0.35	0.20	6.04	1.39
Port and harbor operations	48831	0.55	0.58	7.98	3.22
Port and harbor operations	488310	0.55	0.58	7.98	3.22
Marine cargo handling	48832	0.05	0.02	4.14	0.70
Marine cargo handling	488320	0.05	0.02	4.14	0.70
Navigational services to shipping	48833	0.32	0.53	8.80	4.00
Navigational services to shipping	488330	0.32	0.53	8.80	4.00
Freight transportation arrangement	4885	0.79	0.91	1.83	2.96
Freight transportation arrangement	48851	0.79	0.91	1.83	2.96
Freight transportation arrangement	488510	0.79	0.91	1.83	2.96
U.S. Postal Service	491	0.00	0.00	7.39	0.60
U.S. Postal Service	4911	0.00	0.00	7.39	0.60
U.S. Postal Service	49111	0.00	0.00	7.39	0.60
U.S. Postal Service	491110	0.00	0.00	7.39	0.60
Couriers and messengers	492	0.36	0.01	6.69	0.41
Couriers and express delivery services	4921	0.37	0.01	7.03	0.39
Couriers and express delivery services	49211	0.37	0.01	7.03	0.39
Couriers and express delivery services	492110	0.37	0.01	7.03	0.39
Local messengers and local delivery	4922	0.00	0.00	0.14	0.13
Local messengers and local delivery	49221	0.00	0.00	0.14	0.13
Local messengers and local delivery	492210	0.00	0.00	0.14	0.13
Warehousing and storage	493	0.90	1.50	2.08	2.97
Warehousing and storage	4931	0.90	1.50	2.08	2.97
General warehousing and storage	49311	0.84	1.13	2.20	4.16
General warehousing and storage	493110	0.84	1.13	2.20	4.16
Refrigerated warehousing and storage	49312	2.00	1.56	2.62	2.19
Refrigerated warehousing and storage	493120	2.00	1.56	2.62	2.19
Farm product warehousing and storage	49313	0.00	0.00	0.47	0.57
Farm product warehousing and storage	493130	0.00	0.00	0.47	0.57
Publishing industries	513	0.50	0.80	2.50	1.73
Newspaper, book, and directory publishers	5131	0.37	0.51	4.75	1.11
Newspaper publishers	51311	0.10	0.26	5.58	2.50
Newspaper publishers	513110	0.10	0.26	5.58	2.50
Periodical publishers	51312	1.34	1.23	1.66	2.55
Periodical publishers	513120	1.33	1.22	1.64	2.53
Book publishers	51313	0.43	0.51	5.17	1.52
Book publishers	513130	0.42	0.51	5.13	1.54
Directory and mailing list publishers	51314	0.84	0.82	10.90	4.24
Directory and mailing list publishers	513140	0.84	0.82	10.89	4.23
Software publishers	5132	0.51	1.22	1.25	2.88
Software publishers	51321	0.51	1.22	1.25	2.88
Software publishers	513210	0.51	1.22	1.24	2.88
Broadcasting, except Internet	516	3.02	1.84	11.76	2.85

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Radio and television broadcasting	5161	1.40	1.18	8.37	3.36
Radio broadcasting	51611	2.18	2.03	2.65	3.11
Radio broadcasting stations	516110	2.18	2.03	2.65	3.11
Television broadcasting	51612	1.53	1.43	10.18	4.36
Television broadcasting stations	516120	1.53	1.43	10.19	4.36
Cable and other subscription programming	5162	3.61	2.69	12.79	3.63
Cable and other subscription programming	51621	3.61	2.69	12.79	3.63
Media streaming dist svcs, social networks, and other media networks and content providers	516210	3.61	2.69	12.79	3.63
Telecommunications	517	0.63	0.27	3.65	0.57
Wired and wireless telecommunications carriers	5173	0.64	0.27	3.67	0.57
Wired and wireless telecommunications carriers	51731	0.64	0.27	3.67	0.57
Wired telecommunications carriers	517311	1.17	0.45	6.18	0.86
Wireless telecommunications carriers	517312	0.01	0.01	0.71	0.59
Data processing and related services	5182	0.89	0.53	3.39	1.64
Data processing and related services	51821	0.89	0.53	3.39	1.64
Data processing, hosting and related services	518210	0.89	0.53	3.39	1.64
Depository credit intermediation	5221	1.59	0.76	8.26	1.91
Commercial banking	52211	1.63	0.78	8.64	1.99
Commercial banking	522110	1.63	0.78	8.64	1.99
Savings institutions	52218	2.01	1.90	2.14	3.12
Savings institutions and other depository credit intermediation	522180	2.01	1.90	2.14	3.12
Security, commodity contracts and like activity	523	0.79	0.55	6.06	2.13
Securities and commodity contracts intermediation and brokerage	5231	0.74	0.65	2.19	2.56
Investment banking and securities intermediation	52315	0.74	0.65	2.19	2.56
Investment banking and securities intermediation	523150	0.74	0.65	2.19	2.56
Portfolio management and investment advice	52394	1.27	0.77	13.07	3.21
Portfolio management and investment advice	523940	1.27	0.77	13.07	3.21
Insurance carriers and related activities	524	0.16	0.09	4.12	0.49
Insurance carriers	5241	0.17	0.09	4.28	0.51
Direct life/health/medical insurance carriers	52411	0.04	0.05	3.72	0.58
Direct life insurance carriers	524113	0.02	0.03	0.78	0.29
Direct health and medical insurance carriers	524114	0.03	0.05	4.79	0.81
Other direct insurance carriers	52412	0.24	0.18	4.98	1.16
Direct property and casualty insurers	524126	0.24	0.18	4.98	1.16
Insurance agencies and brokerages	52421	0.02	0.02	0.48	0.46
Insurance agencies and brokerages	524210	0.02	0.02	0.48	0.46
Lessors of nonresidential buildings (except miniwarehouses)	53112	1.11	0.93	1.33	3.04
Lessors of nonresidential buildings	531120	1.11	0.93	1.33	3.04
Lessors of miniwarehouse and self storage units	53113	0.55	0.58	2.89	1.85
Miniwarehouse and self-storage unit operators	531130	0.55	0.58	2.89	1.85
Offices of real estate agents and brokers	5312	0.20	0.12	3.47	0.74
Offices of real estate agents and brokers	53121	0.20	0.12	3.47	0.74
Offices of real estate agents and brokers	531210	0.20	0.12	3.47	0.74
Real estate property managers	53131	0.72	0.69	2.08	2.02
Residential property managers	531311	0.21	0.23	2.51	2.95
Nonresidential property managers	531312	1.23	1.30	1.88	3.64
Offices of real estate appraisers	531320	0.00	0.00	1.35	0.75
Automotive equipment rental and leasing	5321	2.43	1.61	1.54	2.59
Passenger car rental and leasing	53211	3.79	2.46	3.81	3.96
Passenger car rental	532111	3.79	2.46	3.81	3.96
Truck, utility trailer and RV rental and leasing	53212	0.58	0.45	4.09	1.16

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Truck, utility trailer, and RV rental and leasing	532120	0.58	0.45	4.09	1.16
Other heavy machinery rental and leasing	532412	0.36	0.46	0.57	0.98
Legal services	5411	0.45	0.67	7.73	1.30
Offices of lawyers	54111	0.45	0.67	7.73	1.30
Offices of lawyers	541110	0.45	0.67	7.73	1.30
Offices of certified public accountants	541211	0.63	0.76	2.97	1.58
Architectural, engineering and related services	5413	0.06	0.09	2.26	0.76
Architectural services	54131	0.00	0.00	1.02	0.37
Architectural services	541310	0.00	0.00	1.02	0.37
Engineering services	54133	0.07	0.10	2.45	0.88
Engineering services	541330	0.07	0.10	2.45	0.88
Management and technical consulting services	5416	1.45	1.19	2.94	2.35
Management consulting services	54161	1.45	1.19	2.94	2.35
Management consulting services	541610	1.72	1.11	1.50	1.36
Advertising agencies	54181	0.17	0.23	0.81	1.86
Advertising agencies	541810	0.17	0.23	0.82	1.86
Employment services	5613	0.24	0.20	3.75	1.51
Employee leasing services	56133	0.00	0.00	3.17	3.25
Professional employer organizations	561330	0.00	0.00	3.17	3.25
Staffing services (except PEOs)	56138	0.43	0.29	4.05	1.54
Staffing services (except PEOs)	561380	0.43	0.29	4.05	1.54
Travel agencies	56151	0.13	0.40	1.55	2.20
Travel agencies	561510	0.13	0.40	1.55	2.20
Security guards and patrol services	561612	0.32	0.26	2.77	1.08
Janitorial services	56172	0.13	0.10	5.04	3.87
Janitorial services	561720	0.13	0.10	5.04	3.87
Waste collection	5621	0.87	0.65	5.18	2.61
Waste collection	56211	0.87	0.65	5.18	2.61
Solid waste collection	562111	0.87	0.65	5.17	2.61
Offices of physicians	6211	0.02	0.07	1.74	0.77
Offices of physicians	62111	0.02	0.07	1.74	0.77
Offices of physicians, except mental health	621111	0.02	0.07	1.74	0.77
Offices of dentists	6212	0.03	0.03	2.48	1.30
Offices of dentists	62121	0.03	0.03	2.48	1.30
Offices of dentists	621210	0.03	0.03	2.48	1.30
Medical and diagnostic laboratories	6215	0.01	0.02	2.07	1.44
Medical and diagnostic laboratories	62151	0.01	0.02	2.07	1.44
Medical laboratories	621511	0.00	0.00	0.40	0.26
Diagnostic imaging centers	621512	0.00	0.00	5.23	4.06
Home health care services	6216	0.05	0.05	3.16	1.52
Home health care services	62161	0.05	0.05	3.16	1.52
Home health care services	621610	0.05	0.05	3.16	1.52
All other ambulatory health care services	62199	0.29	0.65	5.22	1.07
Blood and organ banks	621991	0.29	0.65	5.22	1.07
Hospitals	622	0.30	0.19	3.17	0.60
General medical and surgical hospitals	6221	0.31	0.20	3.20	0.64
General medical and surgical hospitals	62211	0.31	0.20	3.20	0.64
General medical and surgical hospitals	622110	0.31	0.20	3.20	0.64
Psychiatric and substance abuse hospitals	6222	0.02	0.05	5.83	3.67
Psychiatric and substance abuse hospitals	62221	0.02	0.05	5.83	3.67
Psychiatric and substance abuse hospitals	622210	0.02	0.05	5.83	3.67
Other specialty hospitals	6223	0.33	0.40	1.56	1.11

Table 3. Variance estimates for selected 1-month and 12-month percent changes for the industry-based Producer Price Indexes, 2025

Index	Index code	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Other specialty hospitals	62231	0.33	0.40	1.56	1.11
Other specialty hospitals	622310	0.34	0.40	1.56	1.11
Nursing care facilities	6231	0.10	0.16	3.44	0.99
Nursing care facilities	62311	0.10	0.16	3.44	0.99
Nursing care facilities	623110	0.10	0.16	3.44	0.99
Residential developmental disability homes	62321	0.37	0.47	9.39	3.90
Residential developmental disability homes	623210	0.37	0.47	9.39	3.89
Amusement and theme parks	7131	1.51	1.09	1.38	1.49
Amusement and theme parks	71311	1.51	1.09	1.38	1.49
Amusement and theme parks	713110	1.51	1.09	1.38	1.49
Golf courses and country clubs	71391	0.50	0.74	4.01	1.27
Golf courses and country clubs	713910	0.50	0.74	4.01	1.27
Fitness and recreational sports centers	71394	0.14	0.26	8.00	2.08
Fitness and recreational sports centers	713940	0.14	0.26	8.00	2.08
Accommodation	721	1.68	1.48	2.19	2.08
Accommodation	7211	1.68	1.48	2.19	2.08
Hotels (exc casino hotels) and motels	72111	2.73	1.99	2.35	2.57
Hotels and motels, except casino hotels	721110	2.73	1.99	2.35	2.57
Casino hotels	72112	2.39	1.29	1.57	1.55
Casino hotels	721120	2.39	1.29	1.57	1.55
Commercial machinery repair and maintenance	8113	0.28	0.42	7.24	6.57
Commercial machinery repair and maintenance	81131	0.28	0.42	7.24	6.57
Commercial machinery repair and maintenance	811310	0.28	0.42	7.24	6.57

Variance estimates for price changes in the Producer Price Index

The Producer Price Index (PPI) program at the Bureau of Labor Statistics (BLS) began publishing variance estimates in 2016 based on data for 2015. PPI intends to publish variance estimates on an annual basis. This document outlines the uses for variance statistics and provides a description of PPI variance estimation methodology.

Survey error

Survey error can be classified into sampling error and nonsampling error. Sampling error results when a parameter is calculated on the basis of a sample instead of the full population. The PPI program collects price information for a sample of more than 40,000 goods and services on a monthly basis. These transaction prices are used to construct the broad range of PPIs. PPI variance estimates measure the sampling error in the estimate of the percent change in an index. Sampling error reflects the difference between a sample estimate of change and the true population value. Variance statistics measure the precision of a sample estimate.

Nonsampling error occurs in many forms, but whatever the form, nonsampling error does not affect the spread of the sample estimates. Nonsampling error can, however, cause the estimate to be consistently higher (or lower) than the true population estimate. When this occurs, it is called the *bias of a sample estimate*. One example of sample estimate bias is nonresponse error. Each month, there are establishments in the PPI sample for which no price data are received. If the subset of the sample that fails to provide price update information differs consistently in some way from the subset that does respond, bias is created in the estimate. Another type of nonsampling error occurs when the frame from which the sample was drawn does not properly represent the population. Still other nonsampling errors occur during the collection of data. For example, if instructions do not provide clear directions regarding what is to be collected, BLS economists may fail to communicate their requests clearly or may make errors in recording the data they collect. If any of these errors appear on a consistent basis, a bias is created in the estimate. The PPI program, along with other programs at BLS, analyzes estimates for the presence of bias and mitigates nonsampling error by conducting dedicated research into the population of interest, by clearly documenting data collection procedures, and by performing quality checks throughout the collection process.

A sample estimate with high variability, but no bias, is less precise, but has an expected value equal to that of the true population value. By contrast, a sample estimate with low variability, but a large bias, may prove consistent with other sample estimates from the population sampled, but does not have an expected value equal to the population value. An ideal sample estimate has a small variance and no bias.

Description of data

Each month, the PPI program calculates 1-month and 12-month percent changes and their associated variance estimates. The values that constitute the annual PPI publication of variance statistics include the *median of the absolute values of the percent change* as a reference statistic, as well as the corresponding *median standard error* as the measure of variance, both based on 1-month and 12-month percent changes for the calendar year.

A commonly used measure of sampling variability is the standard error (SE), which is the square root of the variance estimate. The SE estimates the sample distribution, or spread of the sample estimates, for comparison with the true population value. The SE is used to calculate a confidence interval around the sample percent change estimate. To calculate a 95-percent confidence interval, data users commonly add and subtract 2 times the SE value from its corresponding percent change estimate to obtain a range of values that likely contains the true population percent change. If this range includes zero, then the percent change is not significantly different from zero.

In analyzing variance in the PPI, the median of the absolute value of the percent change is the reference statistic that best represents the magnitude of the percent change in an index. If, instead, the median value of the signed percent changes over a calendar year were used for an index that exhibits bidirectional volatility, then the resulting median value might be small while the discrete values themselves would include a number of large increases and decreases. The median value of 12 months of signed percent changes would then fail to correspond with the median standard error for the calendar year, because the individual, larger index percent changes likely have larger standard errors associated with them and standard errors are always positive. For example, an index that increased by 5 percent 6 months of the year and decreased by 5 percent the other 6 months of the year could have an SE of 1 percent for each month. The median percent change would then be zero, but the median SE would be 1 percent. The linkage between these two values would break down because of the bidirectional volatility of the index. In contrast, employing the median of the absolute values of the percent change provides a reference statistic of 5 percent, which is a more appropriate reference value when paired with the median SE value of 1 percent.

PPI variance estimates include data for the North American Industry Classification System (NAICS), the Final Demand-Intermediate Demand (FD-ID) system, and the unique-to-PPI, commodity-based index structure. For the NAICS-based industry structure, variance data are available for industry sector indexes; 3-, 4-, and 5-digit industry group indexes; and for 6-digit industry indexes. Six-digit industries are the basic unit for sampling and data collection in PPI. The FD-ID system is the main PPI structure for analyzing producer inflation at the aggregate level. Variance data are provided for the entire FD-ID aggregation system. Within the PPI commodity-based index structure, 6-digit commodity indexes are the detailed components of the FD-ID system. Data users commonly use 4-digit and 6-digit PPI commodity indexes to explain FD-ID index movements. Variance data are provided for 2-, 3-, 4-, and 6-digit commodity-based indexes.

Analyzing the data

Sampling error can be affected by a number of factors, such as the size and design of the sample, as well as the variability of the population of interest. The larger the sample size, the more accurate is the representation of the population and the smaller is the deviation from the true population value. If every item in the population were selected into the sample, the sample mean and the population mean would be equal and the sample estimate would have a standard error of zero. This tendency toward equality of the sample mean and the population mean and toward a standard error of zero can be observed in the PPI: typically, the standard errors of index percent changes for more highly aggregated indexes tend to be smaller than the standard errors of percent change estimates of more detailed indexes. This is not always the case, however, because other factors also affect the standard error. In addition, standard errors typically decrease, on a relative basis, compared with their accompanying reference measures, when the analysis shifts to a 12-month basis rather than a 1-month basis.

For example, the 1-month median absolute percent change in the final demand goods index for 2016 was 0.46 percent and the accompanying SE value was 0.10 percent. Thus, two standard error values, plus and minus, provide 95-percent confidence that the true change in the median absolute 1-month change in the final demand goods index was between 0.26 percent and 0.66 percent in 2016. Looking at 12-month data for the final demand services index in 2016 reveals that the median absolute change was 1.32 percent, the SE was 0.47 percent, and the 95-percent confidence interval was between 0.38 percent and 2.26 percent. The confidence intervals for the major components of the final demand index varied in 2016, with the relative size of the confidence band for the goods component being somewhat narrower compared to the relative size of the confidence interval for the services component of final demand, which exhibited somewhat wider banding. (See table A.)

Table A. Variance estimates for selected PPI Final Demand–Intermediate Demand indexes, 2016

Index	1-month median absolute percent change	1-month median standard error	12-month median absolute percent change	12-month median standard error
Final demand	.20	.11	.14	.33
Final demand, goods	.46	.10	2.09	.19
Final demand, services	.14	.16	1.32	.47
Final demand, construction	.05	.06	.92	.21

When the calculated 95-percent confidence interval contains a value of zero, the interpretation is that there is not a significant percent change for the given statistic. For example, in 2016 the 1-month median absolute percent change for the final demand index was 0.20 percent, while the SE value was 0.11 percent. Subtracting two SE values from the 0.20 median absolute percent change results in a range of values that contains zero. This means that, at the two SE confidence level, zero is a possible outcome of the percent change, and the statement that the percent change differs from zero cannot be made. For this particular example, seven months in 2016 had a 1-month rate of change in the PPI for final demand that ranged from -0.2 percent to +0.2 percent, resulting in the median absolute percent change of 0.2. In contrast, while the 2015 SE for the final demand index also was 0.11 percent, the 1-month median absolute percent change was larger, 0.30 percent. Those results provided directional confidence at the two SE level in 2015. The SE for the aggregate index (in this case final demand) is contributed to by the various components by which it is comprised (final demand for goods, services and construction). If a component is more volatile, it will be reflected in the SE of its aggregate.

PPI sampling

Three times each year, the PPI program updates its samples for approximately 25 to 30 industries. Industries are defined according to the North American Industry Classification System (NAICS). PPI industry samples last, on average, about 7 years, and updating samples in this manner distributes the burden of data collection over time. The decision when to select a new sample for an industry is based on a number of factors, including the age of the current sample, its level or rate of attrition, the rate at which producers enter and exit the industry, and the degree that product and service lines undergo dynamic change. Once an industry is chosen for sampling, an industry study is undertaken to identify unique characteristics of that industry and to determine whether special considerations need to be taken into account in designing the sample, initiating data collection, and requesting monthly price updates. The PPI program typically conducts initial data collection via interviews with producers that are sampled. The number of units allocated to an industry's new sample depends on a variety of

factors, including number of producers in the industry, original size of the current sample, deterioration rate, and current variance estimate.

The drawing of an industry sample takes place in two stages. The first stage is the selection of establishments, using probability-proportional-to-size sampling. The PPI program typically selects industry-based samples of establishments from the Unemployment Insurance (UI) frame—a file that lists all businesses that pay unemployment insurance. This file provides size measure data in terms of either employment or wages. However, for some industries—particularly services industries—the PPI program makes use of alternative frame sources that have more suitable size measures. The size measure of a frame serves as a proxy for establishment revenue and is used to calculate an establishment’s weight in the PPI survey. The best sampling size measure is determined on an industry-by-industry basis. At this stage, some establishments are selected with certainty, because they have a large size measure, whereas others have a probability of selection. These establishments are known as certainty and probability establishments, respectively. Although each industry is itself an explicit *stratum* (a nonoverlapping subgroup), information obtained during the industry study process, as well as the data available from the frame, determine whether further stratification is necessary. Examples of additional stratification variables are the industry’s geographic dispersion and size category of its producers.

The second-stage sample is drawn when BLS economists conduct initiation interviews with officials at the establishments selected in stage 1. In stage 2, the economist obtains a more accurate measure of establishment size by obtaining actual revenue information from the sample unit. Then, using a probability-based disaggregation method that identifies unique characteristics of products and transactions, the economist selects a sample of transactions of goods or services whose prices will be tracked over time. Information collected during initiation is entered into the PPI database. Price update requests are then sent to respondents on a monthly basis for the life of the sample.

Two industries with the same sample size can have very different standard errors because of the variability, or spread, of the population from which the sample is drawn. Industry samples are designed to account for diverse types of establishments that experience different kinds of price movements in a population. For example, the industry designated “offices of real estate agents and brokers” (NAICS 531210) has proportional representation of both residential and nonresidential offices and transactions. Proportionally allocating a portion of the sample to each stratum of a population, rather than relying on a random draw of the entire population, ensures better representation of the population. As mentioned previously, another key factor in the standard error of an estimate is the variability of the population itself: some industries experience very small price movements while others exhibit volatile pricing.

In certain cases, primarily PPIs for agricultural products, price data are not directly sampled by PPI staff. Instead, the data are collected from secondary sources, mainly the U.S. Department of Agriculture, but also other sources. For PPI purposes, these data are considered a census of available information, and as a result, no sampling variability exists in the percent change estimates based on them, and their standard error values are zero. These standard error values contribute to higher level aggregations, and at some point, aggregate indexes include both sampled and nonsampled data. In particular, all commodity codes under PPI group 01, Farm Products, are calculated from nonsampled data, as is the FD–ID index for Unprocessed Foodstuffs and Feedstuffs. Furthermore, the latter index constitutes a substantial portion of the aggregate index for Unprocessed Goods for Intermediate Demand.

Calculating percent change estimates

The PPI calculates variance statistics for 1-month and 12-month percent change estimates. To understand the specific calculations, it is important to have a general understanding of how PPIs are calculated. The rest of this section provides an explanation of those calculations.

Calculating the long-term relative for items in a lowest level cell index:

The PPI calculates the long-term price relative for each item with a price that is considered *good*. Essentially, a *good price* is an item price that does not require imputation because a valid price was collected from the respondent during a given period. To calculate the long-term price relative, the PPI divides the current-period price of an item by the base-period price of that item:

$$\text{LTR}_{k,c,t} = \frac{p_{k,c,t}}{p_{k,c,0}},$$

where $\text{LTR}_{k,c,t}$ is the long-term price relative of item k with a good price in cell c at time t , $p_{k,c,t}$ is the price of item k in cell c at time t , and $p_{k,c,0}$ is the price of item k in cell c in base period 0.

Calculating the cell aggregate for a lowest level cell index:

To calculate the cell aggregate, the PPI multiplies the long-term price relative of each item by the weight of the item and sums across the items in the cell:

$$\text{CA}_{c,t} = \sum_{i=1}^{n_c} w_{i,c} \text{LTR}_{i,c,t}$$

Here, $\text{CA}_{c,t}$ is the cell aggregate for cell c at time t , $w_{i,c}$ is the weight of item i in cell c , $\text{LTR}_{i,c,t}$ is the long-term price relative of item i in cell c at time t , and n_c is the total number of items in cell c .

Calculating the cell-level index:

To calculate the cell-level index, the PPI divides the cell aggregate for the current period by the cell aggregate for the previous period and multiplies by the cell-level index for the previous period:

$$I_{c,t} = \frac{\text{CA}_{c,t}}{\text{CA}_{c,t-1}} I_{c,t-1},$$

In this equation, $I_{c,t}$ is the index for cell c at time t , $I_{c,t-1}$ is the index for cell c at time $t - 1$, $\text{CA}_{c,t}$ is the cell aggregate for cell c at time t , and $\text{CA}_{c,t-1}$ is the cell aggregate for cell c at time $t - 1$.

Lower level indexes are then aggregated in the industry, commodity, and FD-ID index structures, with the use of a system of weights derived from U.S. Census Bureau data and other sources.

Calculating 1-month and 12-month percent changes for an index:

To calculate these changes, use the formula

$$PC_{c,t,t-m} = \left(\frac{I_{c,t}}{I_{c,t-m}} - 1 \right) \times 100,$$

where $PC_{c,t,t-m}$ is the percent change in the index for cell c from time $t - m$ to time t , in which m is equal to 1 month or 12 months previously, $I_{c,t}$ is the index for cell c at time t , and $I_{c,t-m}$ is the index for cell c at time $t - m$.

Variance estimation

Variance estimates reflect the sample distribution of the population. Basically, variance estimation answers the question, “If a survey were conducted many times, with multiple independent samples drawn from the population, what would be the spread of the sample estimates?” If the sample estimates are tightly grouped about the sample mean, the variance is small. If they are widely distributed, the variance is larger. Because conducting the survey several times is not possible, the PPI program uses a simulation method of variance estimation called *bootstrapping*, which involves drawing 150 replicate samples, with replacement, from the original sample and then calculating the percent change estimates for each replicate sample.

Selecting replicates:

First, within each industry, variance strata are formed, in accordance with the following criteria:

- For probability establishments, each sampling stratum is set to be a variance stratum with each establishment serving as a primary sampling unit (PSU). If there are no additional sampling strata within an industry, then all probability establishments are placed into a single variance stratum.
- Certainty establishments with more than one item become their own variance stratum. Within this variance stratum, each item is a variance PSU.
- Certainty establishments from which only one item is collected are paired with similar units, with each item being its own variance PSU. As many as three of these units can be collapsed into a single variance stratum. If no like unit exists, this single-item unit is paired with a multi-item certainty unit to form a variance stratum. Again, each item is a variance PSU. Finally, if there are no other certainty units in the sample, this single-item certainty unit is included in every replicate.

After the variance strata are defined, 150 bootstrap replicates are selected from the sample. Each replicate is selected in the following manner:

- Of the n_h PSUs in each variance stratum, a replicate sample is of size $n_h - 1$. One exception is when there is a certainty unit containing a single item and there are no like establishments with which to pair that unit. In this circumstance, the unit/item is the only variance PSU in its variance stratum, and it is included in every replicate. Another exception occurs when there is only one probability unit in a sample; in that case, that unit also is included in all replicates.
- Using the sample as a frame, the PPI selects each replicate by means of random sampling with replacement. This strategy gives each PSU an equal probability of selection and allows a PSU to be selected more than once.

Reweighting:

Item weights are rescaled in each replicate with the use of the formula

$$w_{hik}^* = w_{hik} \left[\left(\frac{n_h}{n_h - 1} \right) m_{hi}^* \right],$$

where h is the variance stratum, i is the variance PSU, k is the item, w_{hik}^* is the bootstrap weight, w_{hik} is the weight of the original item, n_h is the number of original sample units in the variance stratum, and m_{hi}^* is the number of times variance PSU i in stratum h is selected in a given replicate.

Calculating variance estimates:

Variance estimates are calculated for each percent change estimate calculated by the PPI program. The variance replicates that are selected at the detailed industry level are aggregated by using PPI aggregation structures to produce estimates for all 1-month and 12-month percent changes for each replicate. Variance estimates are then calculated with the formula

$$v_{PC_{c,t,t-m}} = \frac{1}{B} \sum_{b=1}^B (\hat{\theta}_b - \hat{\theta}_{full})^2,$$

where B is the number of bootstrap replicates (in the current implementation, $B = 150$), $\hat{\theta}_b$ is the percent change estimate for a given replicate, and $\hat{\theta}_{full}$ is the percent change estimate of the original sample.

The standard error is the square root of the variance estimate:

$$SE = \sqrt{v_{PC_{c,t,t-m}}}$$

For more information, email the Producer Price Index Section of Index Analysis and Public Information at ppi-info@bls.gov, or call (202) 691-7705.

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