

Variance Estimates for Price Changes in the Import and Export Price Indexes January–December 2025

With the release of the February 2025 U.S. Import and Export Price Indexes news release on March 18, 2025, the official measures greatly expanded the use of non-survey sourced prices. The official measures switched the data source for prices from the International Price Survey to U.S. government administrative records for approximately 44 percent of the value of export merchandise goods trade and 36 percent of the value of import merchandise goods trade. The International Price Program (IPP) at the Bureau of Labor Statistics (BLS) continued to directly collect roughly 11,400 prices for a representative sample of goods traded by approximately 1,900 importers and exporters to and from the United States. These survey-collected prices along with the non-survey prices represent the market basket of imports and exports. The samples of import and export transaction prices are drawn from the complete universe of all items not priced by administratively sourced data that are traded during a calendar year as processed by the Census Bureau. Sampling variability results whenever a sample is used rather than the complete universe.

Variance Results

Variance calculations currently cover all published survey-based import and export price indexes for merchandise goods trade sampled items. Due to a lapse in appropriations, indexes and associated variance estimates were not produced for October 2025. Variances are not calculated for locality of origin, locality of destination, and terms of trade price indexes covering goods, nor for services price indexes. The variance results by year measure the absolute median 1-, 3-, and 12-month percent changes along with the median standard error for those estimates. Tables are broken out by classification system down to the 5-digit level of detail for the Bureau of Economic Analysis (BEA) End-Use Classification System, the 6-digit level of detail for the North American Industrial Classification System (NAICS), and the 4-digit index level of detail for the Harmonized Classification System.

The standard error, the square root of the estimated variance, is a common measure used to derive confidence intervals for percent changes in the import and export price indexes. Confidence intervals can be used to determine if an index change is significantly different from zero

Sources of Error

There are different types of errors introduced when calculating the estimates of average price changes for imports and exports published by the Bureau of Labor Statistics. There are two sources of error: sampling and nonsampling error. Sampling error, reported in the tables of this report, is the error resulting from drawing a sample of imported and exported items to and from the United States, rather than using the entire universe of trade.

Nonsampling error can take a number of different forms. One form is misspecification error, which takes place if the universe of data from which the sample is being drawn does not correctly measure the actual population. For import and export prices indexes, this type of error could result if there are mistakes in the trade dollar value statistics measured by the Census Bureau. A second type of nonsampling error is nonresponse error. Each month, a subset of the items sampled by the Bureau of Labor Statistics does not have prices reported. This type of error results if the respondents and nonrespondents do not represent a similar cross section of the total universe. Another form of nonsampling error can be introduced from misreported prices, a possibility regardless of whether deriving the indexes from a sample or from the complete universe of data.

One issue when deriving an estimate from a sample is the potential trade-off between variance and bias. Variance is a measure of how much the estimates derived from numerous samples differ from the true value of the estimate. Bias results if the expected value of the estimate is either higher or lower than the true value of what is being estimated. An estimate could have a high sampling variance and still be unbiased if the expected value of the estimate is equal to the true value. Likewise, an estimate may have small variation over numerous samples, yet be biased if the expected value of the estimate deviates from the true value.

The Bureau of Labor Statistics strives to minimize both sampling and nonsampling error as much as possible. Sampling error is reduced by maintaining as many prices as possible to support an index given resource and company burden

constraints. Nonsampling error is reduced by subjecting the data to careful review using automated checks and a staff of professional economists, as well as by employing methods to estimate missing observations.

Sampling in the International Price Program

Trade into and out of the United States is highly regulated and therefore highly documented. This allows the IPP to sample from a fairly complete and detailed frame. U.S. Customs and Border Protection provides the sampling frame for import merchandise, while the export merchandise frame is created from a combination of data collected by the Canada Border Services Agency, for exports to Canada, and from the Census Bureau for exports to the rest of the world.

Before the rapid expansion of the use of non-survey based prices in the U.S. import and export indexes, the import and export merchandise universes were divided into two panels each, with each product-based panel representing approximately half of the trade dollar value for its respective universe. One import and one export panel were sampled each year, resulting in a fully sampled universe every 2 years. Due to the expanded use of non-survey based prices, panels have been eliminated; import and export samples will now cover the entire applicable trade universe. The program now alternates resampling import and export universes on a yearly basis. Each universe is sampled using a 3-stage sample design. The first stage independently selects establishments within product-based sampling strata using systematic probability proportional to size, where the measure of size is the total trade dollar value for establishments within the sampling stratum. The second stage selects more highly detailed product categories, known as classification groups, within each establishment–stratum combination selected during the first stage using the technique of systematic probability proportional to size with replacement. The final stage of sampling, which results in a unique item to price, occurs in the field and is a random selection technique with the probability of selection proportionate to field-collected trade estimates.

Index Calculations

IPP calculates its indexes using a modified Laspeyres formula. Rather than calculating indexes relative to a base period, the IPP indexes are calculated relative to the previous period and are theoretically chained to the reweight period. For this reason, IPP's indexes can be considered chained Laspeyres indexes. Explicitly, the index formula for the modified chained Laspeyres is derived from the classic formula as follows:

$$\begin{aligned}
 LTR_t &= \left(\frac{\sum_i p_{i,t} q_{i,0}}{\sum_i p_{i,0} q_{i,0}} \right) (100) = \left(\frac{\sum_i \frac{p_{i,t}}{p_{i,0}} p_{i,0} q_{i,0}}{\sum_i p_{i,0} q_{i,0}} \right) (100) \\
 &= \left(\frac{\sum_i r_{i,t} w_{i,0}}{\sum_i w_{i,0}} \right) (100) = \left(\frac{\sum_i r_{i,t} w_{i,0}}{\sum_i r_{i,t-1} w_{i,0}} \right) \left(\frac{\sum_i r_{i,t-1} w_{i,0}}{\sum_i w_{i,0}} \right) (100) \\
 &= \left(\frac{\sum_i r_{i,t} w_{i,0}}{\sum_i r_{i,t-1} w_{i,0}} \right) (LTR_{t-1}) = (STR_t)(LTR_{t-1}),
 \end{aligned}$$

where

LTR_t = the long term relative of a collection of items at time t ;

$p_{i,t}$ = price of item i at time t ;

$q_{i,0}$ = quantity of item i in base period 0;

$w_{i,0}$ = $p_{i,0} q_{i,0}$, or the total revenue generated by item i in base period 0;

$r_{i,t}$ = $p_{i,t} / p_{i,0}$, or the long term relative of item i in period t ; and

$STR_t = \frac{\sum_i r_{i,t} w_{i,0}}{\sum_i r_{i,t-1} w_{i,0}}$, or the short term relative of a collection of items at time t .

Depending on the level of aggregation and price source, the weights used during index aggregation are either trade dollar-based or probability-based. At the lowest level of aggregation, survey-sampled items are weighted by probability-based weights calculated monthly corresponding to detailed categories within establishments, while administratively-sourced items are weighted monthly by trade dollar values

These weighted-item price relatives are combined across establishments and aggregated to the lowest level stratum indexes as

$$P_{h,t} = \frac{\sum_k \sum_j \sum_i w_{k,t} w_{j,t} w_{i,t} \left(\frac{p_{i,t}}{p_{i,0}} \right)}{\sum_k \sum_j \sum_i w_{k,t} w_{j,t} w_{i,t}},$$

where

$P_{h,t}$ = the price index for lowest level stratum h , at time t ;

$w_{k,t}$ = the weight of detailed product category k , within stratum h ;

$w_{j,t}$ = the weight of establishment j , within detailed product category k ;

$w_{i,t}$ = the weight of item i , within establishment j and detailed product category k ; and

$\frac{p_{i,t}}{p_{i,0}}$ = the price relative of item i , from period t , to base period 0.

The weights used for these lowest level stratum indexes are derived from sampling frame trade dollar values, divided by the corresponding probabilities of selection determined by the sample design for survey supported indexes and trade dollar values for indexes supported by administrative data.

At the next level of aggregation, child strata-level indexes are aggregated to their corresponding parent stratum-level indexes. A child stratum index is simply one level of aggregation less than its parent stratum index. The weights used for this aggregation are based on Census Bureau trade dollar values for the base period.

The aggregation formula for these upper index levels is

$$P_{H,t} = \frac{\sum_h w_{h,t} P_{h,t}}{\sum_h w_{h,t}},$$

where

$P_{H,t}$ = the price index at period t , for upper-level index H ;

$w_{h,t}$ = the weight at period t , for child index h ; and

$P_{h,t}$ = the price index at period t , for child index h .

Replication and Variance Estimation

For those price indexes that will be calculated entirely with administrative trade data in place of directly collected survey data, no sampling variance estimate will be calculated. For survey supported indexes, a modified bootstrap method, applying rescaled sampling weights, is used to produce 150 replicate index set estimates from 150 simulated item set samples. Item set replicates are constructed according to IPP's 3-stage sample design. At both of the first two stages of sampling, it is possible for a selection to be either a certainty selection (i.e. the probability of selection is greater than the iteratively calculated sampling interval) or a probability selection. The replicate resampling method takes this into consideration by first partitioning the selected items within each sampling stratum m into those items that resulted from certainty establishment selections and those items resulting from probability establishment selections. The item set resulting from establishment certainty selections is further partitioned into two item sets: sampling classification group certainty selections and sampling classification group probability selections. Thus, the set of all sampled items S is the union of these three partitions over all sampling stratum m ;

$$S = \bigcup_{m=1}^N S_m = \bigcup_{m=1}^N \left(\bigcup_{p=1}^3 S_{m_p} \right),$$

where N is the number of sampling strata, $p \in \{1,2,3\}$, with $p=1$ for items selected from probability establishments, $p=2$ for items selected from probability sampling classification groups within certainty establishments, and $p=3$ for items selected from certainty sampling classification groups within certainty establishments.

Each bootstrap sampling, b , selects $n_{m_p}^b$ units within each partition of each sampling stratum as follows:

$$n_{m_p}^b = \begin{cases} n_{m_p} - 1 & n_{m_p} > 1 \\ 1 & n_{m_p} = 1 \end{cases},$$

Where n_{m_p} is the number of units originally sampled in partition p of sampling stratum m .

Bootstrap item weights are then calculated as

$$w_{m_p,j,i}^b = \begin{cases} w_{m_p,j,i} \left(\frac{n_{m_p}^b + 1}{n_{m_p}^b} \right) d_{m_p,j}^b & \text{for } n_{m_p} > 1 \\ w_{m_p,j,i} & \text{for } n_{m_p} = 1 \end{cases},$$

where

$w_{m_p,j,i}^b$ = the b^{th} replicate item weight for item i , within establishment j and sampling stratum partition m_p ;

$w_{m_p,j,i}$ = the standard item weight for item i , within establishment j and sampling stratum partition m_p ; and

$d_{m_p,j}^b$ = the number of times establishment j , within partition p of sampling stratum m , is selected in bootstrap sample b .

In the rare instances that $n_{m_p} = 1$, a simple random sample of items within that establishment is selected. If only one item exists under this establishment singleton, that item is chosen with certainty.

For each of the 150 bootstrap samples, chained indexes of the desired length are calculated at all levels of aggregation using these modified item weights, original probabilities of selection, trade dollar values, and collected price data. For variance estimates, the variance is calculated across replicate percent change values for all published indexes as $v_B = \frac{1}{150} \sum_{b=1}^{150} (\hat{\theta}_b - \hat{\theta})^2$ where $\hat{\theta}$ is the full sample estimate.

Table Contents

Tables 1 through 6 below present the absolute median percent change over the year for a given published index within the product and industry classifications used to publish official import and export price indexes, as well as the standard error of that estimate. Tables 1 and 2 present the BEA End-Use Classification System product categories, Tables 3 and 4 present the NAICS industry categories, and Tables 5 and 6 present the Harmonized Classification System product categories. The first column displays a text description of the category. The second column displays the code used to query the [MXP Database](#). The subsequent columns record the absolute median percent change and standard error of the 1-month, 3-month, 12-month price changes, and the percentage of the trade dollar value represented by non-survey selected prices.

Table 1. Variances for U.S. import price indexes for categories of goods: January 2025–December 2025⁽¹⁾

Description	End Use	1-month median absolute percent change	1-month median standard error	3-month median absolute percent change	3-month median standard error	12- month median absolute percent change	12- month median standard error	Percent Non- Sampled Trade Value ⁽²⁾
All commodities	R	0.2	0.06	0.4	0.13	0.4	0.26	36%
All imports excluding fuels	REXFUELS	0.1	0.05	0.2	0.13	0.8	0.28	30%
Other chemicals (coloring agents)	R12550	0.7	0.71	1.0	1.52	1.4	1.88	0%
Capital goods	R2	0.1	0.09	0.5	0.21	1.0	0.39	1%
Generators, transformers & access equipment	R20000	0.3	0.30	0.7	0.88	0.6	1.01	0%
Electric apparatus & parts, n.e.s.	R20005	0.5	0.34	0.5	0.66	1.5	1.63	0%
Nonelectrical machinery	R21	0.1	0.11	0.6	0.25	0.9	0.44	1%
Oil drilling, mining, and construction machinery and equipment	R210	0.4	0.31	0.9	0.75	2.1	1.26	0%
Excavating, paving & construction machinery	R21030	0.0	0.10	0.0	0.41	0.2	0.71	0%
Industrial and service machinery	R211	0.2	0.11	0.5	0.28	1.1	0.52	2%
Industrial engines, pumps, & compressors	R21100	0.3	0.29	1.1	0.63	1.4	1.03	0%
Food & tobacco processing machines	R21110	0.4	0.56	1.4	1.82	2.6	1.79	0%
Metal working machine tools and rolling mills	R21120	0.1	0.11	0.5	0.33	1.3	0.72	1%
Materials handling equipment	R21170	0.3	0.33	0.3	0.67	1.2	1.41	3%
Other industrial machines	R21180	0.2	0.24	0.2	0.45	0.7	0.72	0%
Photo & other service industry machinery	R21190	0.1	0.14	0.2	0.42	0.2	1.02	0%
Agricultural machinery and equipment	R212	0.4	0.20	1.1	0.93	3.1	1.39	0%
Agricultural machinery and equipment, 5 digit	R21200	0.4	0.20	1.1	0.93	3.1	1.39	0%
Computers, peripherals and semiconductors	R213	0.2	0.25	0.8	0.55	1.4	1.13	0%
Computer accessories, peripherals, and parts	R21301	0.4	0.62	1.2	1.11	1.5	1.55	0%
Semiconductors	R21320	0.1	0.15	1.0	0.76	3.8	2.72	0%
Telecommunications equipment	R214	0.1	0.13	0.2	0.21	0.4	0.76	0%
Telecommunications equipment, 5 digit	R21400	0.1	0.13	0.2	0.21	0.4	0.76	0%
Business machinery and equipment, except computers	R215	0.1	0.27	0.4	0.39	0.4	0.61	0%
Business machinery & equipment, except computers, 5 digit	R21500	0.1	0.27	0.4	0.39	0.4	0.61	0%
Scientific and medical machinery	R216	0.4	0.27	1.5	0.79	0.6	1.32	0%
Laboratory testing and control instruments	R21600	0.2	0.32	0.6	0.70	3.0	1.54	0%
Other scientific, medical, and hospital equipment	R21610	0.5	0.33	1.6	0.94	0.8	1.53	0%
Transportation equipment excluding motor vehicles	R22	0.1	0.06	0.5	0.15	2.9	0.60	3%
Civilian aircraft, engines, and parts	R220	0.1	0.06	0.5	0.15	3.0	0.60	0%
Civilian aircraft, complete	R22000	0.2	0.04	0.7	0.28	3.3	0.47	0%
Parts for civilian aircraft	R22010	0.1	0.09	0.3	0.23	5.3	0.83	0%
Engines for civilian aircraft	R22020	0.2	0.10	0.7	0.32	2.4	0.87	0%
Automotive vehicles, parts & engines	R3	0.1	0.12	0.3	0.21	1.2	0.37	4%
Automotive vehicles, parts and engines, 2 digit	R30	0.1	0.12	0.3	0.21	1.2	0.37	4%
Passenger cars, new and used	R300	0.4	0.15	0.8	0.42	1.7	0.56	0%
New completed assembled automobiles	R30000	0.4	0.15	0.8	0.42	1.7	0.56	0%
Parts, engines, bodies and chassis	R302	0.1	0.18	0.2	0.39	0.4	0.53	9%
Engines and engine parts for automotive vehicles	R30200	0.3	0.27	0.8	0.62	1.4	1.00	0%
Non-engine parts & accessories	R30230	0.1	0.21	0.5	0.46	0.6	0.67	0%

Table 1. Variances for U.S. import price indexes for categories of goods: January 2025–December 2025⁽¹⁾

Description	End Use	1-month median absolute percent change	1-month median standard error	3-month median absolute percent change	3-month median standard error	12- month median absolute percent change	12- month median standard error	Percent Non- Sampled Trade Value ⁽²⁾
Consumer goods, excluding automobiles	R4	0.2	0.12	0.5	0.23	0.8	0.49	28%
Nondurables, manufactured	R40	0.4	0.16	0.7	0.32	1.1	0.55	45%
Other consumer nondurables	R401	0.4	0.24	0.5	0.48	0.6	0.80	15%
Medicinal, dental and pharmaceutical preparatory materials	R40100	0.4	0.29	0.9	0.57	0.7	0.97	0%
Durables, manufactured	R41	0.2	0.17	0.3	0.28	0.6	0.74	4%
Household goods	R410	0.4	0.12	1.1	0.25	3.9	0.55	7%
Furniture, household items	R41000	0.2	0.18	0.5	0.42	1.5	1.30	0%
Household and kitchen appliances	R41030	0.2	0.21	0.5	0.54	1.0	0.66	0%
Other household goods, n.e.s.	R41050	0.5	0.17	1.6	0.40	6.9	0.67	0%
Recreational equipment and materials	R411	0.1	0.15	0.3	0.37	0.3	0.74	0%
Motorcycles & parts	R41100	0.0	0.12	0.5	1.16	0.7	1.39	0%
Toys, shooting & sporting goods	R41120	0.2	0.20	0.3	0.48	0.3	0.78	0%
Home entertainment equipment	R412	0.0	0.06	0.3	0.22	0.5	0.86	0%
Television and video receivers	R41200	0.1	0.07	0.5	0.35	0.6	1.11	0%
Coins, gems, jewelry, and collectibles	R413	2.1	1.29	6.2	2.67	17.1	4.48	0%

Footnotes

(1) Indexes were not published in October 2025 due to a lapse in appropriations. Data for survey based indexes was not completely collected and October 2025 index values will remain suppressed for survey based indexes. For this reason, three and twelve month percent changes and standard errors do not include October and one month percent changes and standard errors do not include October and November. For further information on affected indexes see <https://www.bls.gov/mxp/notices/2026/availability-of-oct-2025-mxpi-in-bls-database.htm>.

(2) Indexes calculated with over 50% non-sampled price data from one or more alternative data sources will not have a variance primarily due to sampling and have been excluded.

Table 2. Variances for U.S. export price indexes for categories of goods: January 2025–December 2025⁽¹⁾

Description	End Use	1-month median absolute percent change	1-month median standard error	3-month median absolute percent change	3-month median standard error	12-month median absolute percent change	12-month median standard error	Percent Non-Sampled Trade Value ⁽²⁾
All commodities	Q	0.4	0.07	0.7	0.12	2.7	0.41	45%
Nonagricultural commodities	QEXAG	0.4	0.07	0.7	0.13	2.9	0.43	39%
Other chemicals, excluding medicinals	Q12550	0.2	0.11	0.7	0.45	0.5	1.81	0%
Capital goods	Q2	0.2	0.21	0.5	0.28	1.9	0.49	1%
Electric apparatus and parts, n.e.s.	Q20005	0.7	0.78	0.7	1.51	3.0	2.32	0%
Nonelectrical machinery	Q21	0.1	0.20	0.4	0.31	1.2	0.64	0%
Oil drilling, mining & construction machinery, & equipment	Q210	0.3	0.27	0.6	0.60	3.1	3.95	0%
Excavating, paving & construction machinery	Q21030	0.4	0.36	1.0	0.79	2.1	2.09	0%
Industrial and service machinery	Q211	0.2	0.28	0.7	0.57	2.2	1.00	1%
Industrial engines, pumps, & compressors	Q21100	0.7	0.58	1.7	0.84	3.4	1.64	0%
Metal working machine tools and rolling mill machines	Q21120	0.3	0.29	0.8	0.66	2.0	1.27	1%
Materials handling equipment	Q21170	0.3	0.23	1.0	0.41	3.1	0.79	3%
Other industrial machinery	Q21180	0.3	0.56	0.7	1.01	2.1	2.05	0%
Photo & service industry machines ⁽³⁾	Q21190	0.2	0.66	.	.	.	.	0%
Agricultural machinery and equipment	Q212	0.6	0.17	2.4	0.59	2.4	1.20	0%
Agricultural machinery and equipment, 5 digit	Q21200	0.6	0.17	2.4	0.59	2.4	1.20	0%
Computers, peripherals, and semiconductors	Q213	0.2	0.22	0.4	0.51	0.6	1.83	0%
Computers	Q21300	0.9	0.86	2.3	1.45	2.9	2.12	0%
Computer peripherals, accessories and parts	Q21301	0.4	0.30	0.3	0.48	2.0	1.17	0%
Semiconductors	Q21320	0.3	0.27	0.4	0.97	2.0	2.86	0%
Telecommunications equipment	Q214	0.3	0.37	0.8	0.76	3.0	2.29	0%
Telecommunications equipment, 5 digit	Q21400	0.3	0.37	0.8	0.76	3.0	2.29	0%
Scientific and medical machinery	Q216	0.1	0.16	0.3	0.58	0.3	1.26	0%
Other scientific, medical and hospital equipment	Q21610	0.1	0.15	0.4	0.73	0.8	1.58	0%
Transportation equipment excluding motor vehicles	Q22	0.2	0.13	0.5	0.24	2.8	0.56	3%
Civilian aircraft, aircraft engines and parts	Q220	0.2	0.13	0.4	0.24	2.8	0.55	0%
Parts for civilian aircraft	Q22010	0.3	0.23	1.0	0.47	3.6	1.04	0%
Automotive vehicles, parts & engines	Q3	0.2	0.08	0.4	0.32	2.7	0.63	2%
Vehicles-passenger	Q30	0.2	0.08	0.4	0.32	2.7	0.63	2%
Passenger cars, new and used	Q300	0.1	0.04	0.4	0.13	2.8	0.63	0%
Passenger cars, new and used, 5 digit	Q30000	0.1	0.04	0.4	0.13	2.8	0.63	0%
Vehicles designed to transport goods	Q301	0.1	0.06	0.5	0.19	2.0	0.41	0%
Trucks, buses, & special purpose vehicles	Q30100	0.1	0.06	0.5	0.19	2.0	0.41	0%
Parts, engines, bodies & chassis	Q302	0.3	0.14	0.3	0.61	2.9	0.84	4%
Engines and engine parts	Q30200	0.2	0.11	5.2	0.95	4.9	1.73	0%
Nonengine parts & accessories	Q30230	0.3	0.17	1.0	0.39	1.8	1.07	0%
Consumer goods, excluding automobiles	Q4	0.3	0.09	0.6	0.30	1.9	0.61	17%
Nondurables, manufactured	Q40	0.5	0.09	0.6	0.21	2.0	1.00	17%
Other consumer nondurables	Q401	0.3	0.10	0.5	0.23	2.3	1.04	9%
Medicinal, dental and pharmaceutical prep. materials	Q40100	0.1	0.12	0.6	0.29	2.6	1.32	0%
Toiletries & cosmetics	Q40120	0.2	0.13	0.2	0.49	1.0	0.75	0%

Table 2. Variances for U.S. export price indexes for categories of goods: January 2025–December 2025⁽¹⁾

Description	End Use	1-month median absolute percent change	1-month median standard error	3-month median absolute percent change	3-month median standard error	12-month median absolute percent change	12-month median standard error	Percent Non-Sampled Trade Value ⁽²⁾
Durables, manufactured	Q41	0.4	0.22	1.3	0.50	2.5	1.10	1%
Household goods	Q410	0.1	0.19	0.3	0.43	0.3	1.02	2%
Furniture and household items	Q41000	0.1	0.70	0.9	1.12	3.8	1.89	0%
Household and kitchen appliances	Q41030	0.2	0.27	0.3	0.76	1.1	1.18	0%
Miscellaneous household goods	Q41050	0.1	0.23	0.2	0.56	1.0	1.35	0%
Recreational equip & materials	Q411	0.7	0.51	1.2	1.15	3.4	4.36	0%
Toys, shooting and sporting goods	Q41120	0.7	0.51	1.3	0.92	6.3	5.81	0%
Coins, gems, jewelry & collectibles	Q413	1.1	0.38	4.1	0.69	9.9	1.33	0%
Jewelry	Q41310	0.9	0.40	4.0	0.73	8.4	1.44	0%

Footnotes

(1) Indexes were not published in October 2025 due to a lapse in appropriations. Data for survey based indexes was not completely collected and October 2025 index values will remain suppressed for survey based indexes. For this reason, three and twelve month percent changes and standard errors do not include October and one month percent changes and standard errors do not include October and November. For further information on affected indexes see <https://www.bls.gov/mxp/notices/2026/availability-of-oct-2025-mxpi-in-bls-database.htm>.

(2) Indexes calculated with over 50% non-sampled price data from one or more alternative data sources will not have a variance primarily due to sampling and have been excluded.

(3) Index was not published the previous year. Estimates using prior year index values are excluded.

Table 3. Variances for U.S. import price indexes for industries: January 2025–December 2025⁽¹⁾

Description	NAICS	1-month median absolute percent change	1-month median standard error	3-month median absolute percent change	3-month median standard error	12- month median absolute percent change	12- month median standard error	Percent Non- Sampled Trade Value ⁽²⁾
Manufacturing	ZMANU	0.1	0.05	0.2	0.12	0.3	0.20	31%
Chemical manufacturing	Z325	0.3	0.15	0.5	0.35	1.0	0.77	32%
Other basic inorganic chemical manufacturing	Z32518	2.3	0.42	1.3	0.64	7.0	2.17	38%
Other basic inorganic chemical manufacturing, 6 digit	Z325180	2.3	0.42	1.3	0.64	7.0	2.17	38%
Pharmaceutical and medicine manufacturing	Z3254	0.4	0.27	0.8	0.59	0.6	0.94	0%
Pharmaceutical and medicine manufacturing, 5 digit	Z32541	0.4	0.27	0.8	0.59	0.6	0.94	0%
Medicinal and botanical manufacturing	Z325411	0.2	0.18	2.1	1.54	4.1	3.26	7%
Pharmaceutical preparation manufacturing	Z325412	0.4	0.38	0.8	0.90	3.1	1.45	0%
In-vitro diagnostic substance manufacturing	Z325413	0.1	0.63	0.3	1.43	2.0	2.86	0%
Biological product (except diagnostic) manufacturing	Z325414	0.5	0.45	1.0	1.06	4.6	1.53	0%
Glass and glass product manufacturing	Z3272	0.7	0.34	0.8	0.52	0.9	0.96	44%
Glass and glass product manufacturing, 5 digit	Z32721	0.7	0.34	0.8	0.52	0.9	0.96	44%
Manufacturing, part 3	Z33	0.1	0.07	0.4	0.15	1.1	0.24	12%
Hardware manufacturing	Z3325	0.3	0.18	0.4	1.06	0.4	2.07	24%
Hardware manufacturing, 5 digit	Z33251	0.3	0.18	0.4	1.06	0.4	2.07	24%
Hardware manufacturing, 6 digit	Z332510	0.3	0.18	0.4	1.06	0.4	2.07	24%
Other fabricated metal product manufacturing	Z3329	0.6	0.20	0.8	0.61	1.6	0.79	34%
Metal valve manufacturing	Z33291	0.4	0.17	0.5	1.06	0.8	1.15	18%
Industrial valve manufacturing	Z332911	0.1	0.19	0.2	0.70	0.5	1.25	0%
Machinery manufacturing	Z333	0.2	0.13	0.4	0.24	1.2	0.38	1%
Agriculture, construction, and mining machinery manufacturing	Z3331	0.2	0.19	0.4	0.44	1.4	0.65	0%
Agricultural implement manufacturing	Z33311	0.1	0.21	0.5	0.88	1.0	1.28	0%
Farm machinery and equipment manufacturing	Z333111	0.3	0.23	1.0	0.98	1.7	1.59	0%
Construction machinery manufacturing	Z33312	0.2	0.23	0.2	0.52	1.9	0.77	0%
Construction machinery manufacturing, 6 digit	Z333120	0.2	0.23	0.2	0.52	1.9	0.77	0%
Commercial and service industry machinery manufacturing	Z3333	0.4	0.36	1.0	0.98	0.8	1.48	0%
Commercial and service industry machinery manufacturing, 5 digit	Z33331	0.4	0.36	1.0	0.98	0.8	1.48	0%
Commercial and service industry machinery manufacturing, 6 digit ⁽³⁾	Z333310	0.4	0.36	.	.	.	.	0%
Air-conditioning, heating, & industrial refrigeration equipment manufacturing	Z333415	0.2	0.13	0.4	0.33	1.4	1.30	0%
Metalworking machinery manufacturing	Z3335	0.2	0.09	0.6	0.46	1.7	0.75	15%
Metalworking machinery manufacturing, 5 digit	Z33351	0.2	0.09	0.6	0.46	1.7	0.75	15%
Machine tool manufacturing	Z333517	0.2	0.11	0.8	0.36	0.8	0.82	0%
Engine, turbine, and power transmission equipment manufacturing	Z3336	0.3	0.28	0.5	0.63	1.9	1.26	1%
Engine, turbine, and power transmission equipment manufacturing, 5 digit	Z33361	0.3	0.28	0.5	0.63	1.9	1.26	1%
Other engine equipment manufacturing	Z333618	0.1	0.22	0.3	0.47	1.3	1.02	0%
Other general purpose machinery manufacturing	Z3339	0.2	0.25	0.5	0.43	0.6	0.64	0%
Pump and compressor manufacturing	Z33391	0.5	0.55	1.0	0.90	1.3	1.33	0%

Table 3. Variances for U.S. import price indexes for industries: January 2025–December 2025⁽¹⁾

Description	NAICS	1-month median absolute percent change	1-month median standard error	3-month median absolute percent change	3-month median standard error	12- month median absolute percent change	12- month median standard error	Percent Non- Sampled Trade Value ⁽²⁾
Air and gas compressor manufacturing ⁽³⁾	Z333912	0.2	0.36	.	.	.	.	0%
Material handling equipment manufacturing ⁽³⁾	Z33392	0.1	0.37	.	.	.	.	0%
Industrial truck, tractor, trailer, and stacker machinery manufacturing ⁽³⁾	Z333924	0.0	0.07	.	.	.	.	0%
All other general purpose machinery manufacturing	Z33399	0.2	0.27	0.5	0.54	1.3	0.77	1%
All other miscellaneous general purpose machinery manufacturing ⁽³⁾	Z333998	0.3	0.51	.	.	.	.	0%
Computer and electronic product manufacturing	Z334	0.2	0.12	0.4	0.22	0.9	0.56	0%
Computer terminal and other computer peripheral equipment manufacturing	Z334118	0.1	0.13	0.3	0.28	0.7	0.81	0%
Communications equipment manufacturing	Z3342	0.5	0.12	1.6	0.29	5.9	0.61	0%
Radio and television broadcasting and wireless communications equipment ⁽³⁾	Z33422	0.5	0.12	.	.	.	.	0%
Radio and television broadcasting and wireless equipment, 6 digit ⁽³⁾	Z334220	0.5	0.12	.	.	.	.	0%
Audio and video equipment manufacturing	Z3343	0.0	0.07	0.2	0.18	1.2	1.04	0%
Audio and video equipment manufacturing, 5 digit ⁽³⁾	Z33431	0.0	0.07	.	.	.	.	0%
Audio and video equipment manufacturing, 6 digit ⁽³⁾	Z334310	0.0	0.07	.	.	.	.	0%
Semiconductor and other electronic component manufacturing	Z3344	0.2	0.46	0.7	0.83	0.4	1.28	2%
Semiconductor and other electronic component manufacturing, 5 digit ⁽³⁾	Z33441	0.2	0.46	.	.	.	.	2%
Semiconductor and related devices manufacturing ⁽³⁾	Z334413	0.1	0.06	.	.	.	.	3%
Printed circuit assembly (electronic assembly) manufacturing	Z334418	1.0	1.29	2.4	2.39	2.1	3.90	0%
Navigational, measuring, electromedical, and control instruments	Z3345	0.6	0.18	0.7	0.44	1.9	1.27	0%
Electromedical and electrotherapeutic apparatus manufacturing	Z334510	0.4	0.34	0.7	0.90	0.8	2.44	0%
Analytical laboratory instrument manufacturing	Z334516	0.4	0.31	1.7	1.21	1.8	1.85	0%
Electrical equipment, appliance, and component manufacturing	Z335	0.3	0.27	0.6	0.62	1.4	1.17	1%
Electric lighting equipment manufacturing	Z3351	0.1	0.26	0.5	0.65	3.0	4.04	1%
Electric lighting equipment manufacturing, 5 digit ⁽³⁾	Z33513	0.1	0.26	.	.	.	.	1%
Electric lamp bulb and other lighting equipment manufacturing ⁽³⁾	Z335139	0.2	0.37	.	.	.	.	1%
Household appliance manufacturing	Z3352	0.2	0.23	0.6	0.54	1.1	0.63	0%
Small electrical appliance manufacturing	Z33521	0.2	0.20	0.7	0.59	1.1	0.73	1%
Small electrical appliance manufacturing, 6 digit	Z335210	0.2	0.20	0.7	0.59	1.1	0.73	1%
Major household appliance manufacturing	Z33522	0.4	0.23	0.9	0.71	1.2	0.99	0%
Major household appliance manufacturing, 6 digit	Z335220	0.4	0.23	0.9	0.71	1.2	0.99	0%
Motor and generator manufacturing	Z335312	0.2	0.24	0.2	0.60	1.0	1.22	0%
Wiring device manufacturing	Z33593	0.4	0.90	0.7	2.57	1.2	4.61	0%
Current-carrying wiring device manufacturing	Z335931	0.4	0.90	0.7	2.57	1.3	4.62	0%
Transportation equipment manufacturing	Z336	0.1	0.12	0.2	0.21	0.9	0.35	0%
Motor vehicle manufacturing	Z3361	0.1	0.13	0.6	0.35	1.2	0.52	0%
Automobile and light duty motor vehicle manufacturing	Z33611	0.2	0.14	0.7	0.38	1.3	0.56	0%
Automobile and light duty motor vehicle manufacturing, 6 digit ⁽³⁾	Z336110	0.2	0.14	.	.	.	.	0%

Table 3. Variances for U.S. import price indexes for industries: January 2025–December 2025⁽¹⁾

Description	NAICS	1-month median absolute percent change	1-month median standard error	3-month median absolute percent change	3-month median standard error	12- month median absolute percent change	12- month median standard error	Percent Non- Sampled Trade Value ⁽²⁾
Motor vehicle parts manufacturing	Z3363	0.1	0.22	0.3	0.45	0.8	0.58	0%
Motor vehicle gasoline engine and engine parts manufacturing	Z33631	0.4	0.39	1.2	0.94	1.4	1.37	0%
Motor vehicle gasoline engine and engine parts manufacturing, 6 digit	Z336310	0.4	0.39	1.2	0.94	1.4	1.37	0%
Motor vehicle electrical and electronic equipment manufacturing	Z33632	0.2	0.29	0.5	0.83	4.8	1.90	0%
Motor vehicle electrical and electronic equipment manufacturing, 6 digit ⁽³⁾	Z336320	0.2	0.29	.	.	.	.	0%
Motor vehicle steering and suspension components manufacturing	Z33633	0.1	0.26	1.4	1.70	1.8	2.22	0%
Motor vehicle steering and suspension components manufacturing, 6 digit	Z336330	0.1	0.26	1.4	1.70	1.8	2.22	0%
Motor vehicle brake system manufacturing	Z33634	0.5	0.40	1.7	1.37	3.6	2.32	0%
Motor vehicle brake system manufacturing, 6 digit	Z336340	0.5	0.40	1.7	1.37	3.6	2.32	0%
Motor vehicle transmission and power train parts manufacturing	Z33635	0.2	0.21	0.6	0.84	1.2	1.44	0%
Motor vehicle transmission and power train parts manufacturing, 6 digit	Z336350	0.2	0.21	0.6	0.84	1.2	1.44	0%
Motor vehicle seating and interior trim manufacturing	Z33636	0.1	0.08	0.7	0.30	0.6	1.15	0%
Motor vehicle seating and interior trim manufacturing, 6 digit	Z336360	0.1	0.08	0.7	0.30	0.6	1.15	0%
Other motor vehicle parts manufacturing	Z33639	0.2	0.30	0.5	0.66	0.4	1.09	0%
Other motor vehicle parts manufacturing, 6 digit	Z336390	0.2	0.30	0.5	0.66	0.4	1.09	0%
Aerospace product and parts manufacturing	Z3364	0.1	0.06	0.5	0.17	2.8	0.57	0%
Aerospace product and parts manufacturing, 5 digit	Z33641	0.1	0.06	0.5	0.17	2.8	0.57	0%
Aircraft manufacturing	Z336411	0.2	0.04	0.7	0.28	3.3	0.47	0%
Aircraft engine and engine parts manufacturing	Z336412	0.2	0.10	0.7	0.32	2.4	0.87	0%
Other transportation equipment manufacturing	Z3369	0.2	0.23	0.2	0.81	0.4	1.12	0%
Other transportation equipment manufacturing, 5 digit	Z33699	0.2	0.23	0.2	0.81	0.4	1.12	0%
Motorcycle, bicycle, and parts manufacturing	Z336991	0.1	0.19	0.4	0.88	0.5	1.23	0%
Furniture and related product manufacturing	Z337	0.2	0.17	0.4	0.40	1.5	1.25	3%
Household and institutional furniture manufacturing	Z33712	0.2	0.19	0.6	0.35	1.2	1.47	0%
Institutional furniture manufacturing	Z337127	0.2	0.20	0.2	0.37	0.3	1.65	0%
Miscellaneous manufacturing	Z339	0.3	0.34	0.9	0.59	1.4	1.06	21%
Medical equipment and supplies manufacturing	Z3391	0.2	0.21	0.6	0.74	1.0	1.21	7%
Medical equipment and supplies manufacturing, 5 digit	Z33911	0.2	0.21	0.6	0.74	1.0	1.21	7%
Surgical and medical instrument manufacturing	Z339112	0.4	0.34	1.3	1.12	3.0	2.27	1%
Surgical appliance and supplies manufacturing	Z339113	0.3	0.27	1.1	1.01	0.7	1.78	16%
Other miscellaneous manufacturing	Z3399	0.3	0.43	0.9	0.88	2.7	1.71	28%
Jewelry and silverware manufacturing	Z33991	1.1	0.81	3.2	1.64	7.5	2.82	42%
Jewelry and silverware manufacturing, 6 digit	Z339910	1.1	0.81	3.2	1.64	7.5	2.82	42%
Sporting and athletic goods manufacturing	Z33992	0.9	0.35	1.9	1.47	0.9	3.18	9%
Sporting and athletic goods manufacturing, 6 digit	Z339920	0.9	0.35	1.9	1.47	0.9	3.18	9%
Doll, toy, and game manufacturing	Z33993	0.3	0.21	0.5	0.59	0.5	0.72	2%
Doll, toy, and game manufacturing, 6 digit	Z339930	0.3	0.21	0.5	0.59	0.5	0.72	2%

Table 3. Variances for U.S. import price indexes for industries: January 2025–December 2025⁽¹⁾

Description	NAICS	1-month median absolute percent change	1-month median standard error	3-month median absolute percent change	3-month median standard error	12- month median absolute percent change	12- month median standard error	Percent Non- Sampled Trade Value ⁽²⁾
All other miscellaneous manufacturing ⁽³⁾	Z33999	0.5	1.05	.	.	.	.	42%
All other miscellaneous manufacturing, 6 digit	Z339999	0.6	0.12	1.2	0.37	1.5	0.90	38%
Footnotes (1) Indexes were not published in October 2025 due to a lapse in appropriations. Data for survey based indexes was not completely collected and October 2025 index values will remain suppressed for survey based indexes. For this reason, three and twelve month percent changes and standard errors do not include October and one month percent changes and standard errors do not include October and November. For further information on affected indexes see https://www.bls.gov/mxp/notices/2026/availability-of-oct-2025-mxpi-in-bls-database.htm . (2) Indexes calculated with over 50% non-sampled price data from one or more alternative data sources will not have a variance primarily due to sampling and have been excluded. (3) Index was not published the previous year. Estimates using prior year index values are excluded.								

Table 4. Variances for U.S. export price indexes for industries: January 2025–December 2025⁽¹⁾

Description	NAICS	1-month median absolute percent change	1-month median standard error	3-month median absolute percent change	3-month median standard error	12- month median absolute percent change	12- month median standard error	Percent Non- Sampled Trade Value ⁽²⁾
Manufacturing	YMANU	0.3	0.10	0.9	0.15	2.6	0.32	34%
Chemical manufacturing	Y325	0.4	0.07	0.8	0.14	2.8	0.87	45%
Pharmaceutical and medicine manufacturing	Y3254	0.1	0.13	0.4	0.31	1.9	1.21	0%
Pharmaceutical and medicine manufacturing, 5 digit	Y32541	0.1	0.13	0.4	0.31	1.9	1.21	0%
Pharmaceutical preparation manufacturing	Y325412	0.1	0.24	0.4	0.64	1.2	2.36	0%
In-vitro diagnostic substance manufacturing	Y325413	0.1	0.07	1.1	0.98	2.0	3.32	0%
Biological product (except diagnostic) manufacturing	Y325414	0.1	0.07	0.2	0.28	4.1	1.82	0%
Other chemical product and preparation manufacturing ⁽³⁾	Y3259	2.0	0.42	.	.	.	.	50%
Nonmetallic mineral product manufacturing	Y327	2.0	0.17	1.3	0.23	2.9	1.04	49%
Glass and glass product manufacturing	Y3272	1.2	0.38	1.6	0.42	1.5	0.79	24%
Glass and glass product manufacturing, 5 digit	Y32721	1.2	0.38	1.6	0.42	1.5	0.79	24%
Manufacturing, part 3	Y33	0.4	0.16	1.3	0.23	3.9	0.39	10%
Machine shops; turned product; and screw nut & bolt manufacturing ⁽³⁾	Y3327	1.5	0.86	.	.	.	.	39%
Turned product and screw, nut, and bolt manufacturing, 5 digit ⁽³⁾	Y33272	1.5	0.86	.	.	.	.	39%
Bolt, nut, screw, rivet, and washer manufacturing, 6 digit ⁽³⁾	Y332722	1.5	0.86	.	.	.	.	39%
Machinery manufacturing	Y333	0.5	0.28	0.4	0.60	2.0	1.05	1%
Agriculture, construction, and mining machinery manufacturing	Y3331	0.3	0.23	1.1	0.52	1.2	3.17	0%
Agricultural implement manufacturing	Y33311	0.6	0.48	2.7	0.97	6.6	7.84	0%
Construction machinery manufacturing	Y33312	0.2	0.24	0.4	0.61	1.0	1.66	0%
Construction machinery manufacturing, 6 digit	Y333120	0.2	0.24	0.4	0.61	1.0	1.66	0%
Industrial machinery manufacturing	Y3332	0.2	0.82	0.5	1.62	1.2	3.64	0%
Industrial machinery manufacturing, 5 digit	Y33324	0.2	0.82	0.5	1.62	1.2	3.64	0%
All other industrial machinery manufacturing ⁽³⁾	Y333248	0.1	0.27	.	.	.	.	0%
Commercial and service industry machinery manufacturing	Y3333	0.1	0.05	0.2	0.14	1.0	0.55	0%
Commercial and service industry machinery manufacturing, 5 digit	Y33331	0.1	0.05	0.2	0.14	1.0	0.55	0%
Commercial and service industry machinery manufacturing, 6 digit ⁽³⁾	Y333310	0.1	0.05	.	.	.	.	0%
Ventilation, heating, air-conditioning, and refrigeration manufacturing ⁽³⁾	Y3334	0.5	0.76	.	.	.	.	0%
Ventilation, heating, air-conditioning, and refrigeration manu., 5 digit ⁽³⁾	Y33341	0.5	0.76	.	.	.	.	0%
Air-conditioning and warm air heating equipment manufacturing ⁽³⁾	Y333415	0.8	1.12	.	.	.	.	0%
Metalworking machinery manufacturing	Y3335	0.3	0.28	0.8	0.68	2.9	1.12	13%
Metalworking machinery manufacturing, 5 digit	Y33351	0.3	0.28	0.8	0.68	2.9	1.12	13%
Engine, turbine, and power transmission equipment manufacturing	Y3336	0.8	0.50	1.6	0.80	2.5	1.92	0%
Engine, turbine, and power transmission equipment manufacturing, 5 digit	Y33361	0.8	0.50	1.6	0.80	2.5	1.92	0%
Turbine and turbine generator set units manufacturing ⁽³⁾	Y333611	1.6	1.42	.	.	.	.	0%
Other engine equipment manufacturing	Y333618	0.1	0.08	0.2	0.34	0.9	0.85	0%
Other general purpose machinery manufacturing	Y3339	0.5	0.27	1.6	0.60	4.4	0.75	0%
Material handling equipment manufacturing	Y33392	0.4	0.37	1.0	0.81	3.8	1.38	0%

Table 4. Variances for U.S. export price indexes for industries: January 2025–December 2025⁽¹⁾

Description	NAICS	1-month median absolute percent change	1-month median standard error	3-month median absolute percent change	3-month median standard error	12- month median absolute percent change	12- month median standard error	Percent Non- Sampled Trade Value ⁽²⁾
All other general purpose machinery manufacturing	Y33399	0.4	0.33	1.6	0.88	4.6	1.06	0%
All other miscellaneous general purpose machinery manufacturing ⁽³⁾	Y333998	0.3	0.39	.	.	.	.	0%
Computer and electronic product manufacturing	Y334	0.1	0.21	0.3	0.40	0.5	1.05	1%
Computer and peripheral equipment manufacturing	Y3341	0.4	0.37	0.8	0.68	2.4	1.26	0%
Computer and peripheral equipment manufacturing, 5 digit	Y33411	0.4	0.37	0.8	0.68	2.4	1.26	0%
Electronic computer manufacturing	Y334111	1.0	0.96	2.6	1.60	3.2	2.43	0%
Computer terminal and other computer peripheral equipment manufacturing ⁽³⁾	Y334118	0.4	0.27	.	.	.	.	0%
Communications equipment manufacturing	Y3342	0.2	0.32	0.8	0.57	1.2	2.09	0%
Radio and TV broadcasting and wireless equipment	Y33422	0.2	0.33	0.8	0.57	1.2	2.17	0%
Radio and television broadcasting and wireless communications equipment	Y334220	0.2	0.33	0.8	0.57	1.2	2.17	0%
Semiconductor and other electronic component manufacturing	Y3344	0.1	0.13	0.3	0.34	0.5	0.95	3%
Semiconductor and other electronic component manufacturing, 5 digit ⁽³⁾	Y33441	0.1	0.13	.	.	.	.	3%
Semiconductor and related device manufacturing ⁽³⁾	Y334413	0.1	0.16	.	.	.	.	3%
Electromedical and electrotherapeutic apparatus manufacturing	Y334510	0.2	0.10	0.5	0.60	0.9	1.99	0%
Household appliance manufacturing	Y3352	0.2	0.29	0.4	0.85	1.2	1.30	0%
Transportation equipment manufacturing	Y336	0.2	0.10	0.6	0.22	2.6	0.38	1%
Motor vehicle manufacturing	Y3361	0.1	0.05	0.5	0.12	2.6	0.51	0%
Automobile and light duty motor vehicle manufacturing	Y33611	0.1	0.03	0.5	0.12	2.6	0.50	0%
Automobile and light duty motor vehicle manufacturing, 6 digit ⁽³⁾	Y336110	0.1	0.03	.	.	.	.	0%
Motor vehicle body and trailer manufacturing	Y3362	0.1	0.11	1.1	0.55	3.1	1.47	0%
Motor vehicle body manufacturing	Y336211	0.0	0.14	0.3	0.36	5.2	3.18	0%
Motor vehicle parts manufacturing	Y3363	0.4	0.18	1.5	0.74	2.7	0.99	0%
Motor vehicle gasoline engine and engine parts manufacturing	Y33631	0.3	0.10	9.7	1.57	10.0	3.61	0%
Motor vehicle electrical and electronic equipment manufacturing	Y33632	0.1	0.17	0.3	0.48	0.7	0.86	0%
Motor vehicle transmission and power train parts manufacturing	Y33635	0.2	0.18	0.8	0.32	0.1	0.79	0%
Motor vehicle transmission and power train parts manufacturing, 6 digit	Y336350	0.2	0.18	0.8	0.32	0.1	0.79	0%
Other motor vehicle parts manufacturing ⁽³⁾	Y33639	0.1	0.18	.	.	.	.	0%
Other motor vehicle parts manufacturing, 6 digit ⁽³⁾	Y336390	0.1	0.18	.	.	.	.	0%
Aerospace product and parts manufacturing	Y3364	0.2	0.14	0.4	0.27	2.8	0.58	0%
Aerospace product and parts manufacturing, 5 digit	Y33641	0.2	0.14	0.4	0.27	2.8	0.58	0%
Other aircraft parts and auxiliary equipment manufacturing	Y336413	0.3	0.22	0.9	0.38	3.5	1.19	0%
Furniture and related product manufacturing	Y337	0.3	0.86	1.1	1.45	3.0	1.87	0%
Miscellaneous manufacturing	Y339	0.6	0.72	1.1	0.71	1.2	1.15	22%
Medical equipment and supplies manufacturing	Y3391	0.2	1.07	0.2	1.12	0.7	1.92	2%
Medical equipment and supplies manufacturing, 5 digit	Y33911	0.2	1.07	0.2	1.12	0.7	1.92	2%
Surgical and medical instrument manufacturing	Y339112	0.1	0.29	0.2	0.96	2.2	2.21	1%
Surgical appliance and supplies manufacturing	Y339113	0.4	0.16	0.3	0.43	1.7	1.29	4%

Table 4. Variances for U.S. export price indexes for industries: January 2025–December 2025⁽¹⁾

Description	NAICS	1-month median absolute percent change	1-month median standard error	3-month median absolute percent change	3-month median standard error	12- month median absolute percent change	12- month median standard error	Percent Non- Sampled Trade Value ⁽²⁾
Other miscellaneous manufacturing	Y3399	1.1	0.48	1.8	0.90	2.4	1.74	40%
Jewelry and silverware manufacturing	Y33991	1.1	0.19	2.2	0.36	3.5	1.49	49%
Jewelry and silverware manufacturing, 6 digit	Y339910	1.1	0.19	2.2	0.36	3.5	1.49	49%
All other miscellaneous manufacturing ⁽³⁾	Y33999	1.7	1.43	.	.	.	.	28%

Footnotes

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(3) Index was not published the previous year. Estimates using prior year index values are excluded.

Table 5. Variances for U.S. import price indexes for categories of goods: January 2025–December 2025⁽¹⁾

Description	Harmonized system	1-month median absolute percent change	1-month median standard error	3-month median absolute percent change	3-month median standard error	12-month median absolute percent change	12-month median standard error	Percent Non-Sampled Trade Value ⁽²⁾
Products of the chemical or allied industries	PVI	0.4	0.18	0.5	0.38	1.2	0.70	29%
Inorganic chemicals ⁽³⁾	P28	2.2	0.55	.	.	.	.	45%
Nucleic acids and their salts, other heterocyclic compounds	P2934	1.0	0.23	2.4	1.37	2.2	3.33	32%
Pharmaceutical products	P30	0.4	0.32	1.0	0.63	0.9	1.07	1%
Human and animal blood, prep; antisera & other blood fractions	P3002	0.3	0.50	0.9	0.99	3.8	1.66	0%
Medicaments products for therapeutic uses in doses or retail sales form	P3004	0.5	0.48	1.0	1.13	3.1	1.76	0%
Miscellaneous chemical products	P38	1.3	0.60	1.5	1.23	3.2	1.66	31%
Tools, implements, cutlery, spoons and forks, of base metal; parts thereof	P82	0.9	0.26	0.6	0.73	1.6	2.19	28%
Miscellaneous articles of base metal	P83	0.5	0.21	0.4	0.76	0.5	1.63	30%
Mountings and other hardware for furniture, doors, and windows	P8302	0.7	0.30	1.0	0.77	0.8	0.97	19%
Machinery, electrical equipment, TV image and sound recorders, parts, etc.	PXVI	0.1	0.10	0.3	0.20	0.2	0.40	0%
Machinery and mechanical appliances; parts thereof	P84	0.1	0.13	0.3	0.22	0.7	0.51	1%
Spark-ignition internal combustion piston engines	P8407	0.2	0.15	0.5	0.43	1.5	0.77	0%
Parts for spark-ignition and diesel internal combustion piston engines	P8409	0.6	0.49	2.0	1.54	5.4	2.19	0%
Turbojets, turbopropellers and other gas turbines, and parts thereof	P8411	0.2	0.13	0.8	0.34	2.7	0.81	0%
Engines & motors, nesoi, & parts thereof	P8412	0.2	0.16	0.9	1.90	1.3	2.39	0%
Pumps for liquids; liquid elevators; parts thereof	P8413	0.4	0.53	1.6	2.50	2.5	3.08	0%
Air or vacuum pumps, compressors and fans; vent & recycling hoods; parts	P8414	0.1	0.25	0.6	0.65	0.5	1.01	0%
Air conditioning machines and parts thereof	P8415	0.1	0.13	0.6	0.38	1.5	1.74	0%
Refrigerators, freezers, heat pumps; and parts	P8418	0.4	0.17	1.0	0.95	0.9	1.47	0%
Nonelectric water heaters and parts	P8419	0.5	0.40	1.3	1.03	1.7	0.81	0%
Centrifuges & filtering/purifying machinery and parts	P8421	0.3	0.37	0.2	0.91	0.8	1.31	0%
Fork-lift trucks; other work trucks fitted w/lifting or handling equipment ⁽³⁾	P8427	0.0	0.00	.	.	.	.	0%
Self-propelled earth-moving, tamping, & road roller machines	P8429	0.0	0.02	0.1	0.88	0.4	1.09	0%
Parts for materials handling & construction machines	P8431	0.5	0.17	0.7	0.37	2.0	1.60	0%
Printing machinery, machines ancillary to printing; & parts	P8443	0.1	0.15	0.3	0.33	1.2	0.79	0%
Parts and accessories, n.e.s.o.i., for computers and other office machines	P8473	0.9	1.15	2.1	2.11	2.0	3.48	0%
Machines & appliances having functions n.e.s.; parts thereof	P8479	0.3	0.43	0.3	0.82	1.2	1.20	0%
Taps, cocks, valves & similar appliances; parts thereof	P8481	0.1	0.21	0.2	0.88	0.6	1.21	0%
Electrical machinery and equip, sound and TV recorders & reproducers, parts	P85	0.3	0.14	0.8	0.31	1.0	0.64	0%
Electric motors and generators (excludes generating sets)	P8501	0.2	0.20	0.6	0.61	0.4	1.26	0%
Vehicular electric lighting equipment, and defrosters ⁽³⁾	P8512	0.3	0.31	.	.	.	.	0%
Electrothermic domestic appliances; water & space heaters; resistors	P8516	0.1	0.20	0.4	0.52	1.9	2.30	0%
Electrical apparatus for line telephony or line telegraphy; videophones; parts	P8517	0.5	0.12	1.6	0.30	6.3	0.63	0%

Table 5. Variances for U.S. import price indexes for categories of goods: January 2025–December 2025⁽¹⁾

Description	Harmonized system	1-month median absolute percent change	1-month median standard error	3-month median absolute percent change	3-month median standard error	12-month median absolute percent change	12-month median standard error	Percent Non-Sampled Trade Value ⁽²⁾
TV reception apparatus; video monitors & video projectors	P8528	0.2	0.08	0.5	0.29	1.2	0.75	0%
Electrical circuit switching, protecting or connection app. of 1000 volts or less	P8536	0.4	0.52	0.6	1.40	1.7	2.56	0%
Vehicles, aircraft, vessels and associated transport equipment	PXVII	0.1	0.13	0.2	0.22	1.1	0.42	1%
Motor vehicles and their parts	P87	0.1	0.14	0.3	0.24	0.9	0.45	0%
Tractors (other than work trucks of heading 8709)	P8701	0.0	0.04	0.2	0.10	0.3	0.23	0%
Motor vehicles designed to transport people	P8703	0.4	0.15	0.8	0.42	1.7	0.55	0%
Parts of tractors, buses, automobiles, trucks, spec. vehicles	P8708	0.1	0.30	0.5	0.55	0.3	0.93	0%
Trailers and semi-trailers and parts thereof ⁽³⁾	P8716	0.0	0.01	.	.	.	.	0%
Aircraft, spacecraft, and parts thereof	P88	0.1	0.03	0.4	0.19	4.3	0.53	0%
Other aircraft, nesoi; spacecraft & launch vehicles	P8802	0.1	0.04	0.7	0.28	3.2	0.47	0%
Optical, photo, measuring, medical & musical instruments; & timepieces	PXVIII	0.4	0.17	1.4	0.56	0.7	0.86	0%
Optical, photographic, measuring and medical instruments	P90	0.3	0.18	1.2	0.61	0.5	0.90	0%
Instruments used in medical, surgical, dental, and veterinarian sciences	P9018	0.4	0.35	1.7	0.94	1.4	1.95	0%
Orthopedic appliances; artificial body parts; hearing aids, etc	P9021	0.2	0.14	0.7	0.50	0.8	1.51	0%
Instruments and apparatus for physical or chemical analysis	P9027	0.4	0.31	1.8	1.21	1.8	1.89	0%
Miscellaneous manufactured articles	PXX	0.1	0.12	0.4	0.43	0.8	0.91	7%
Furniture & stuffed furnishings; lamps & lighting fittings, nesoi; prefab bldgs	P94	0.3	0.14	0.9	0.36	1.9	1.17	3%
Lamps, lighting fixtures, & illuminated signs and parts thereof ⁽³⁾	P9405	0.1	0.13	.	.	.	.	0%
Toys, games and sports equipment; parts and accessories thereof	P95	0.2	0.22	0.4	0.54	0.2	1.02	0%
Toys nesoi; models; puzzles; parts and accessories thereof	P9503	0.4	0.32	0.6	0.91	1.8	0.89	0%
Articles for arcade, table or games parts thereof	P9504	0.2	0.18	0.6	0.49	3.4	1.00	0%
Articles & equipment for sports nesoi; parts & accessories thereof	P9506	0.3	0.34	2.1	1.54	1.4	3.92	0%

Footnotes

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Table 6. Variances for U.S. export price indexes for categories of goods: January 2025–December 2025⁽¹⁾

Description	Harmonized system	1-month median absolute percent change	1-month median standard error	3-month median absolute percent change	3-month median standard error	12-month median absolute percent change	12-month median standard error	Percent Non-Sampled Trade Value ⁽²⁾
Products of the chemical or allied industries	DVI	0.4	0.14	0.6	0.19	5.5	1.35	34%
Pharmaceutical products	D30	0.1	0.13	0.7	0.31	2.7	1.37	0%
Human and animal blood, prep; antisera & other blood fractions	D3002	0.1	0.07	0.2	0.28	4.1	1.82	0%
Medicaments	D3004	0.2	0.31	0.8	0.77	0.8	2.59	0%
Tanning or dyeing extracts, dyes, paints varnish, putty, & inks ⁽³⁾	D32	0.6	0.39	.	.	.	.	18%
Essential oils and resinoids; perfumery cosmetic or toilet preparations	D33	0.1	0.17	0.5	0.27	0.7	1.21	16%
Miscellaneous chemical products	D38	0.4	0.51	0.9	0.74	0.7	3.25	25%
Composite diagnostic or laboratory reagents	D3822	0.1	0.07	1.1	0.98	2.0	3.32	0%
Rubber and articles thereof	D40	0.9	1.33	1.1	1.61	3.7	1.86	48%
Glass and glassware	D70	0.8	0.27	1.0	0.58	2.7	0.97	39%
Jewelry of precious metals	D7113	0.9	0.40	4.0	0.73	8.4	1.44	0%
Miscellaneous articles of base metal	D83	0.2	0.13	0.7	1.22	2.7	2.23	0%
Machinery, electrical equipment, TV image and sound recorders, parts, etc.	DXVI	0.1	0.23	0.4	0.33	2.1	0.61	0%
Machinery and mechanical appliances; parts thereof	D84	0.2	0.25	0.3	0.44	2.4	0.63	0%
Diesel & semi-diesel internal combustion piston engines	D8408	0.0	0.02	0.1	0.18	0.4	0.57	0%
Air or vacuum pumps, compressors and fans; vent & recycling hoods; parts	D8414	0.3	0.39	0.8	0.51	2.3	1.00	0%
Centrifuges & filtering/purifying machinery and parts	D8421	0.3	0.18	0.8	0.41	3.0	1.15	0%
Parts for materials handling & construction machines	D8431	0.7	0.57	1.7	1.23	4.7	2.76	0%
Computer equipment	D8471	0.5	0.60	1.5	1.16	2.5	2.06	0%
Parts and accessories, n.e.s.o.i., for computers and other office machines	D8473	0.2	0.28	0.7	0.44	2.9	1.11	0%
Machines & appliances having individual functions, n.e.s.o.i.; parts thereof ⁽³⁾	D8479	0.3	0.32	.	.	.	.	0%
Electrical machinery and equipment and parts and accessories thereof	D85	0.3	0.27	0.7	0.55	1.3	1.40	0%
Electric storage batteries, including separators therefor; parts thereof ⁽³⁾	D8507	0.3	0.66	.	.	.	.	0%
Electrical apparatus for line telephony or line telegraphy; videophones; parts	D8517	0.2	0.34	0.4	0.59	0.8	2.18	0%
Electrical circuit switching, protecting or connection app of 1000 volts or less ⁽³⁾	D8536	0.5	0.45	.	.	.	.	0%
Semiconductors; L.E.D.s; mounted crystals; parts thereof	D8541	0.2	0.19	0.5	2.03	0.7	8.59	0%
Electronic integrated circuits and micro assemblies; parts thereof	D8542	0.2	0.09	0.4	0.23	0.5	0.69	0%
Electrical machines having individual functions, nesoi; parts ⁽³⁾	D8543	0.3	0.44	.	.	.	.	0%
Vehicles, aircraft, vessels and associated transport equipment	DXVII	0.2	0.06	0.8	0.27	2.5	0.43	2%
Motor vehicles and their parts	D87	0.2	0.08	0.4	0.36	2.3	0.58	0%
Tractors other than work trucks	D8701	0.3	0.11	1.3	0.45	1.6	0.99	0%
Automobiles and other motor vehicles inc minivans, 4-dr specialty vehicles	D8703	0.1	0.04	0.4	0.12	2.8	0.61	0%
Motor vehicles for the transport of goods	D8704	0.0	0.04	0.5	0.23	2.1	0.35	0%
Parts and access of tractors, buses automobiles, trucks, spec. vehicles	D8708	0.3	0.18	1.3	0.96	1.6	1.34	0%
Parts of goods of heading 8801, 8802 or 8806 ⁽³⁾	D8807	0.3	0.22	.	.	.	.	0%

Table 6. Variances for U.S. export price indexes for categories of goods: January 2025–December 2025⁽¹⁾

Description	Harmonized system	1-month median absolute percent change	1-month median standard error	3-month median absolute percent change	3-month median standard error	12-month median absolute percent change	12-month median standard error	Percent Non-Sampled Trade Value ⁽²⁾
Optical, photo, measuring, medical & musical instruments; & timepieces	DXVIII	0.1	0.18	0.4	0.42	0.3	0.86	0%
Optical, photographic, measuring and medical instruments	D90	0.1	0.18	0.2	0.42	0.5	0.89	0%
Instruments used in medical, surgical, dental, and veterinarian sciences	D9018	0.2	0.12	0.1	0.73	1.0	1.75	0%
Hearing aids; artificial body parts; and orthopedic apparatus	D9021	0.1	0.31	0.3	1.13	1.2	2.46	0%
Miscellaneous manufactured articles	DXX	0.8	0.48	1.3	1.51	4.7	3.44	12%
Furniture; stuffed furnishings; lamps and lighting fittings	D94	0.4	0.56	1.2	0.91	2.2	1.59	5%
Toys, games and sports equipment; parts and accessories thereof	D95	0.7	0.65	1.6	1.43	9.2	9.20	0%

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