

2009 Annual Wholesale Trade Survey

Summary of Changes

The following changes were made with the release of the 2009 AWTS estimates:

- AWTS estimates were revised to reflect benchmarking to final results of the 2007 Economic Census. Previously, estimates were benchmarked to preliminary results of the 2007 Economic Census. For more information, refer to the Benchmarking section of the Annual Methodology link located at:
http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html
- Detailed expense estimates for 2007 (Table 5.1), collected as part of the Business Expenses Supplement (BES) to the 2007 AWTS, and corresponding measures of sampling variability (Table 5.1A) were revised to reflect benchmarking to final results of the 2007 Economic Census.
- The span of years displayed in Tables 2 and 4 (Excel version only) has been changed to include all years of our NAICS-based time series (1992 to present). The span of years displayed in Tables 2A and 4A has also been changed, although the corresponding measures of sampling variability are unavailable for years 1992 to 1997.

Annual Methodology

Confidentiality: Title 13 of the United States Code authorizes the Census Bureau to conduct censuses and surveys. Section 9 of the same Title requires that any information collected from the public under the authority of Title 13 be maintained as confidential. Section 214 of Title 13 and Sections 3559 and 3571 of Title 18 of the United States Code provide for the imposition of penalties of up to five years in prison and up to \$250,000 in fines for wrongful disclosure of confidential census information. The Census Bureau's internal Disclosure Review Board sets the confidentiality rules for all data releases. A checklist approach is used to ensure that all potential risks to the confidentiality of the data are considered and addressed.

Disclosure Statement: A disclosure of data occurs when an individual can use published statistical information to identify either an individual or firm that has provided information under a pledge of confidentiality. Disclosure limitation is the process used to protect the confidentiality of the survey data provided by an individual or firm. Using disclosure limitation procedures, the Census Bureau modifies or removes the characteristics that put confidential information at risk for disclosure. Although it may appear that a table shows information about a specific individual or business, the Census Bureau has taken steps to disguise or suppress the original data while making sure the results are still useful. The techniques used by the Census Bureau to protect confidentiality in tabulations vary, depending on the type of data.

Sampling Frame: Companies, parts of companies (defined by Employer Identification Numbers, or EINs), and single-unit establishments (also defined by EINs) that are located in the United States, have paid employees, and are classified in wholesale trade as defined by the 2002 NAICS. This includes wholesalers that take title to the goods they sell such as jobbers, industrial

distributors, exporters, importers, and Manufacturers' Sales Branches and Offices (MSBOs), as well as companies that do not take title of the goods they sell such as agents, merchandise or commodity brokers, commission merchants, and electronic business-to-business markets. The EIN is the identifier employer businesses use to report Social Security payroll withholdings to the Federal government. Read more about the AWTs sampling frame in [Appendix A](#).

Sample Design and Size: The sample for AWTs consists of three separate samples: (1) a sample of merchant wholesalers, MSBOs, (2) a sample of MSBOs, and (3) a sample of wholesale electronic markets and agents and brokers. AWTs uses a stratified, one-stage design with primary strata defined by industry (e.g., Motor Vehicle and Motor Vehicle Parts, Furniture and Home Furnishings, Grocery, etc.). There are 59 primary strata: 40 from the merchant wholesale sample, 17 from the MSBOs sample, and 2 from the Agents and Brokers sample. The primary strata are substratified into 4, 7, 10, or 13 annual sales size strata. The largest sales size stratum within each industry stratum consists of companies, all of which are selected with certainty (sampling weight equal to one). The other strata are populated by EINs. Sample sizes are computed to meet multiple coefficient of variation constraints on estimated annual sales and end-of-year inventory totals. Constraints are specified at detailed industry levels and at broad levels up to the total wholesale level. Sampling weights range from 1 to 250. Units are selected independently between strata using simple random sampling without replacement within the size substrata. The sample consists of approximately 2,100 certainty companies and 5,900 EINs. Updates to the sample are made on a quarterly basis to account for new businesses, deaths, and other changes to the universe. Read more about how the AWTs sample is stratified, selected, and maintained in [Appendix B](#).

Data Collection: Data are collected by mail, fax, Internet, and telephone. Response is mandatory under the authority of an Act of Congress, Title 13,

United States Code, Sections 182, 224, and 225. Firms in the AWTS sample are asked to report their data for the year just ending. Two years of data are requested in the year in which a new sample is introduced.

Data Items Requested: Data items requested include annual sales, e-commerce sales, number of establishments covered by the report, value of inventories, inventory by valuation, inventory outside of the United States, total purchases of products, total operating expenses and the ending date of the report period if the data provided are for a period other than the calendar year.

Nonresponse: Data are imputed for unit nonresponse, item nonresponse, and for reported data that fail edits. Imputed data are based on responses from similar-sized units classified in the same industry. Read more about how nonresponse is handled on the AWTS in [Appendix C](#).

Estimation and Sampling Variance: Total estimates are computed using the Horvitz-Thompson estimator (i.e., as the sum of weighted data (reported or imputed) for all selected sampling units that meet the sample canvass and tabulation criteria). The weight for a given sampling unit is the reciprocal of its probability of selection into the AWTS sample. These estimates are input to a benchmarking procedure, as described below. Variances are estimated using the method of random groups and are used to determine if measured changes are statistically significant. Read more about how the AWTS arrives at its estimates and the reliability of those estimates in [Appendix D](#).

Benchmarking: Preliminary results of the 2007 Economic Census are now available and are used to benchmark the AWTS sales estimates for MSBOs and merchant wholesale excluding MSBOs. Prior to benchmarking to 2007 Economic Census results, two operations are performed:

- Historical corrections were made to current sample data back to 2004.

- Sales estimates from the current sample are linked to the published census-adjusted estimates from the prior sample. For a given detailed industry based on the 2002 North American Industry Classification System (NAICS), the linking is performed by multiplying the sample-based sales estimate by a ratio. The numerator and denominator of the ratio are as follows:
 - The numerator is the 2004 published census-adjusted sales estimate for the industry from the prior sample.
 - The denominator is the 2004 sales estimate for the industry from the current sample.

The resulting sales estimates (call these “modified” sales estimates) for 2002 through 2008 are input to the benchmarking program. Using this program, the modified sales estimates for 2002 through 2008 are revised in a manner that:

- Uses the 2002 and 2007 Economic Census sales totals as constraints.
- Minimizes the sum of squared differences between the year-to-year changes of the input and revised estimates for 2003 through 2008.

Refer to the estimates output from the benchmarking operation as “benchmarked.”

A method similar to the one for adjusting sales is used to adjust end-of-year inventories and purchases estimates for merchant wholesalers, excluding MSBOs. First, the sales ratio described above is applied to the sample-based estimates for the given detailed industry for 2004 and subsequent years, resulting in adjusted estimates for these years. Then, the published adjusted estimates for 1998 through 2004 from the prior sample are input to the benchmarking program. Using this program, the estimates for 1999 through 2004 are revised in a manner that:

- Uses the published adjusted estimate for 1998 from the prior sample as a constraint, resulting in no revision to the published 1998 estimate.

- Uses the adjusted estimate for 2004 from the current sample as a constraint.
- Minimizes the sum of squared differences between the year-to-year changes of the input and revised estimates for 1999 through 2004.

The resulting modified inventories and purchases estimates for 1997 through 2008 are input to the benchmarking program. Using this program, the modified estimates for 1997 through 2008 are revised in a manner that:

- Uses 1997, 2002, and 2007 constraints for inventories and purchases where the constraints are calculated by multiplying the modified inventories and purchases estimates just calculated by the ratio of the benchmarked-to-modified sales.
- Minimizes the sum of squared differences between the year-to-year changes of the input and revised estimates for 1998 through 2008.

Benchmarked e-commerce estimates are produced in a manner similar to that used for inventories and purchases, except 1998 is used as a constraint because e-commerce was not collected prior to 1998.

For merchant wholesalers excluding MSBOs, benchmarked total expenses estimates for 2006 and subsequent years are calculated by multiplying the Horvitz-Thompson estimates of total expenses by the ratio of the benchmarked-to-modified sales estimates for the corresponding year. Benchmark estimates of detailed expense items for 2007 are calculated by multiplying the previously published detailed-to-total expense percentages by the benchmarked total expense estimate for 2007. To compute benchmarked estimates of Electronic Data Interchange (EDI) sales for 2000 and subsequent years, first the modified EDI estimates are calculated as done for e-commerce. Then, the modified EDI estimates are multiplied by the ratio of the benchmarked-to-modified e-commerce estimates. Benchmarked foreign inventories estimates for 2005 and subsequent years are calculated by multiplying the Horvitz-Thompson estimates of foreign

inventories by the ratio of the benchmarked-to-modified total inventories estimates for the corresponding year.

For MSBOs, benchmarked total inventories, expenses, and e-commerce estimates for 2002 and subsequent years are produced using the same methodology as used for the total inventories of merchant wholesalers excluding MSBOs. Benchmarking foreign inventory estimates for 2005 and subsequent years are produced using the same methodology as used for foreign inventories of merchant wholesalers excluding MSBOs.

For Wholesale Electronic Markets and Agents and Brokers (NAICS 425), benchmarked estimates for 2004 and subsequent years are produced by multiplying the Horvitz-Thompson estimates by a ratio. The numerator and denominator of the ratio are as follows:

- The numerator is the sum of the gross selling value and sales on own account from the 2007 Economic Census.
- The denominator is the sum of the Horvitz-Thompson estimates for gross selling value and sales on own account for 2007 from the AWTS sample.

Benchmarked estimates at aggregate industry levels are computed by summing the benchmarked estimates for the appropriate detailed industries comprising the aggregate.

Table 1. Estimated Sales and Inventories of U.S. Merchant Wholesalers: 2002 through 2009

[Sales and inventory estimates are shown in millions of dollars and are based on data from the Annual Wholesale Trade Survey. Estimates have been adjusted using the final results of the 2007 Economic Census.]

2002 NAICS CODE	Data Item	Kind of Business	2002 ^r	2003 ^r	2004 ^r	2005 ^r	2006 ^r	2007 ^r	2008 ^r	2009
42	Sales	U.S. Merchant Wholesalers	4,162,169	4,373,356	4,851,241	5,262,720	5,612,133	5,888,989	6,162,159	5,165,629
423	Sales	Durable goods	2,171,268	2,221,535	2,496,732	2,659,793	2,844,705	2,898,089	2,850,202	2,322,227
4231	Sales	Motor Vehicle and Motor Vehicle Parts and Supplies	598,718	605,522	644,662	652,270	683,105	670,929	577,518	458,340
4232	Sales	Furniture and Home Furnishings	71,428	73,826	80,183	85,630	91,686	92,477	85,738	69,757
4233	Sales	Lumber & Other Construction Materials	115,507	129,249	156,902	174,850	183,367	171,360	157,316	124,660
4234	Sales	Professional and Commercial Equipment and Supplies	406,447	417,653	445,791	467,142	482,203	485,743	502,774	476,375
42343	Sales	Computer and Computer Peripheral Equipment and Software	232,521	235,915	249,205	261,268	258,190	253,909	268,065	256,815
4235	Sales	Metals and Minerals, ex. Petroleum	117,455	119,766	169,101	191,803	219,675	227,049	242,175	144,052
4236	Sales	Electrical Goods	322,376	325,554	366,638	386,122	418,165	453,031	454,009	406,041
4237	Sales	Hardware, and Plumbing and Heating Equipment and Supplies	84,579	88,776	99,970	113,898	128,986	132,257	127,773	105,809
4238	Sales	Machinery, Equipment, and Supplies	297,936	303,740	343,007	388,577	420,176	429,560	455,562	361,415
4239	Sales	Miscellaneous Durable Goods	156,822	157,449	190,478	199,501	217,342	235,683	247,337	175,778
424	Sales	Nondurable goods	1,990,901	2,151,821	2,354,509	2,602,927	2,767,428	2,990,900	3,311,957	2,843,402
4241	Sales	Paper and Paper Products	114,411	116,475	127,689	134,340	138,321	139,601	136,808	121,466
4242	Sales	Drugs and Druggists' Sundries	386,858	431,183	474,149	522,555	548,060	562,328	581,080	577,528
4243	Sales	Apparel, Piece Goods, and Notions	118,346	118,457	125,775	134,136	141,452	148,154	144,958	129,737
4244	Sales	Groceries and Related Products	511,438	542,520	554,116	579,514	610,891	667,143	690,414	677,499
4245	Sales	Farm Product Raw Materials	103,403	111,681	115,410	106,001	111,311	145,787	197,385	164,757
4246	Sales	Chemicals and Allied Products	126,126	133,604	149,226	165,579	170,149	182,177	200,744	160,200
4247	Sales	Petroleum and Petroleum Products	321,246	388,509	473,543	605,935	683,601	764,073	945,471	617,678
4248	Sales	Beer, Wine, and Distilled Alcoholic Beverages	87,559	91,153	96,092	103,820	108,808	115,571	119,167	119,268
4249	Sales	Miscellaneous Nondurable Goods	221,514	218,239	238,509	251,047	254,835	266,066	295,930	275,269
42	Inventories	U.S. Merchant Wholesalers	379,348	393,950	434,295	474,447	512,414	543,146	562,869	500,543
423	Inventories	Durable goods	216,820	226,235	257,354	281,718	307,245	315,440	331,011	275,532
4231	Inventories	Motor Vehicle and Motor Vehicle Parts and Supplies	36,875	43,498	46,190	50,874	53,166	55,899	58,757	45,601
4232	Inventories	Furniture and Home Furnishings	7,453	7,951	8,564	9,290	10,075	10,298	9,621	7,962
4233	Inventories	Lumber & Other Construction Materials	10,362	12,170	15,600	17,230	17,946	17,820	16,964	13,636
4234	Inventories	Professional and Commercial Equipment and Supplies	31,483	31,790	34,164	35,582	37,912	38,388	39,645	36,725
42343	Inventories	Computer and Computer Peripheral Equipment and Software	11,606	12,028	12,633	12,693	13,156	13,052	13,632	13,377
4235	Inventories	Metals and Minerals, ex. Petroleum	16,717	16,925	25,469	27,741	33,936	33,137	37,159	24,938
4236	Inventories	Electrical Goods	29,750	29,306	32,380	35,848	39,998	42,795	44,474	38,041
4237	Inventories	Hardware, and Plumbing and Heating Equipment and Supplies	12,391	12,940	14,826	16,963	19,047	19,941	19,258	16,910
4238	Inventories	Machinery, Equipment, and Supplies	52,855	51,436	57,800	64,271	70,630	73,196	79,880	69,945
4239	Inventories	Miscellaneous Durable Goods	18,934	20,219	22,361	23,919	24,535	23,966	25,253	21,774
424	Inventories	Nondurable goods	162,528	167,715	176,941	192,729	205,169	227,706	231,858	225,011
4241	Inventories	Paper and Paper Products	8,203	8,304	9,451	10,202	10,745	11,061	11,391	10,062
4242	Inventories	Drugs and Druggists' Sundries	44,715	46,034	47,148	46,156	48,174	48,329	55,701	48,471
4243	Inventories	Apparel, Piece Goods, and Notions	16,438	16,387	17,146	19,040	19,524	19,758	20,864	16,798
4244	Inventories	Groceries and Related Products	23,378	25,224	26,253	28,790	31,160	34,005	36,687	34,768
4245	Inventories	Farm Product Raw Materials	11,590	13,862	9,987	11,177	14,253	20,456	17,403	19,593
4246	Inventories	Chemicals and Allied Products	12,283	12,387	13,243	14,627	15,358	17,160	18,238	15,295
4247	Inventories	Petroleum and Petroleum Products	17,057	17,105	22,449	29,809	33,017	39,718	28,712	39,884
4248	Inventories	Beer, Wine, and Distilled Alcoholic Beverages	7,491	7,786	8,302	8,959	9,642	10,911	11,714	11,199
4249	Inventories	Miscellaneous Nondurable Goods	21,373	20,626	22,962	23,969	23,296	26,308	31,148	28,941

Notes:

The 2002 revision of NAICS redefined merchant wholesale to include manufacturers' sales branches and offices. Prior to the revision, manufacturers' sales branches and offices were not included in data for merchant wholesalers.

Estimates have not been adjusted for price changes. Table 1A provides estimated measures of sampling variability. Additional information on confidentiality protection, sampling error, sample design, and definitions may be found at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

Footnotes:

^r Revised data.

Table 2. Estimated Sales and Inventories of U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices: 1998 through 2009

[Sales and inventory estimates are shown in millions of dollars and are based on data from the Annual Wholesale Trade Survey. Estimates have been adjusted using the final results of the 2007 Economic Census.]

2002 NAICS CODE	Data Item	Kind of Business	1998 ^f	1999 ^f	2000 ^f	2001 ^f	2002 ^f	2003 ^f	2004 ^f	2005 ^f	2006 ^f	2007 ^f	2008 ^f	2009
42	Sales	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	2,427,120	2,599,159	2,814,554	2,785,152	2,835,528	2,973,573	3,320,014	3,615,355	3,904,006	4,174,286	4,435,208	3,706,945
423	Sales	Durable goods	1,306,545	1,406,371	1,486,673	1,422,195	1,421,503	1,462,318	1,682,073	1,815,516	1,983,719	2,074,466	2,079,442	1,679,308
4231	Sales	Motor Vehicle and Motor Vehicle Parts and Supplies	183,741	212,357	222,243	234,902	251,947	260,451	284,216	304,521	336,138	341,227	308,101	250,762
4232	Sales	Furniture and Home Furnishings	43,020	46,925	52,697	52,433	53,484	55,478	59,781	63,094	69,088	69,112	64,137	51,098
4233	Sales	Lumber & Other Construction Materials	79,784	88,505	87,179	89,730	95,091	105,052	127,243	138,653	141,590	126,543	116,123	90,203
4234	Sales	Professional and Commercial Equipment and Supplies	257,518	281,843	282,230	267,795	272,462	274,870	300,838	316,343	329,989	354,304	359,258	335,642
42343	Sales	Computer and Computer Peripheral Equipment and Software	157,836	175,779	174,848	153,845	150,618	144,132	157,184	162,497	160,877	171,303	176,162	166,788
4235	Sales	Metals and Minerals, ex. Petroleum	88,514	86,514	93,806	84,847	81,746	81,341	121,049	136,271	158,361	165,861	177,856	104,115
4236	Sales	Electrical Goods	201,145	224,125	260,041	231,864	222,957	233,071	266,066	285,082	320,204	348,960	354,160	312,648
4237	Sales	Hardware, and Plumbing and Heating Equipment and Supplies	65,540	68,505	72,056	69,047	70,431	74,369	84,031	94,689	108,541	112,204	108,329	90,039
4238	Sales	Machinery, Equipment, and Supplies	243,698	247,993	256,089	247,226	227,758	230,864	260,243	288,300	312,788	328,820	351,653	275,201
4239	Sales	Miscellaneous Durable Goods	143,585	149,604	160,332	144,351	145,627	146,822	178,606	188,563	207,020	227,435	239,825	169,600
424	Sales	Nondurable goods	1,120,575	1,192,788	1,327,881	1,362,957	1,414,025	1,511,255	1,637,941	1,799,839	1,920,287	2,099,820	2,355,766	2,027,637
4241	Sales	Paper and Paper Products	69,102	73,158	77,774	76,232	76,646	73,941	81,678	86,798	89,872	91,264	90,883	81,581
4242	Sales	Drugs and Druggists' Sundries	125,599	151,527	175,979	210,672	245,625	272,315	293,816	324,544	341,890	351,783	369,188	376,102
4243	Sales	Apparel, Piece Goods, and Notions	86,821	90,369	96,501	98,961	105,803	107,590	114,854	123,055	131,456	139,674	136,884	123,584
4244	Sales	Groceries and Related Products	341,626	356,093	374,725	377,179	385,881	401,792	402,349	418,611	434,408	475,772	488,904	475,893
4245	Sales	Farm Product Raw Materials	110,042	100,411	102,666	100,886	103,403	111,681	115,410	106,001	111,311	145,787	197,385	164,757
4246	Sales	Chemicals and Allied Products	56,300	57,713	62,259	64,183	67,721	71,238	79,495	92,068	95,799	102,257	116,127	90,290
4247	Sales	Petroleum and Petroleum Products	119,015	139,739	195,766	191,529	192,666	229,578	284,076	368,683	425,909	486,909	631,566	404,997
4248	Sales	Beer, Wine, and Distilled Alcoholic Beverages	61,759	67,330	71,337	74,854	79,189	82,819	86,868	92,305	98,452	103,825	106,947	107,842
4249	Sales	Miscellaneous Nondurable Goods	150,311	156,448	170,874	168,461	161,091	160,301	179,395	187,774	191,190	202,549	217,882	202,591
42	Inventories	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	272,575	290,433	309,806	298,660	302,773	310,066	341,290	368,761	399,292	425,031	439,740	389,160
423	Inventories	Durable goods	175,994	187,878	198,815	182,925	182,678	186,917	213,901	233,138	255,862	262,511	276,513	227,322
4231	Inventories	Motor Vehicle and Motor Vehicle Parts and Supplies	23,453	26,806	28,773	27,543	29,966	31,695	33,879	37,800	40,390	42,115	46,125	35,194
4232	Inventories	Furniture and Home Furnishings	5,268	5,694	6,387	6,010	6,343	6,774	7,177	7,818	8,433	8,496	8,129	6,361
4233	Inventories	Lumber & Other Construction Materials	7,365	8,164	8,408	8,401	8,851	10,387	13,267	14,197	14,458	13,698	12,982	10,417
4234	Inventories	Professional and Commercial Equipment and Supplies	26,698	27,949	27,543	23,893	24,269	24,381	26,394	27,306	29,516	30,236	30,602	27,854
42343	Inventories	Computer and Computer Peripheral Equipment and Software	12,985	13,520	12,070	9,275	8,953	9,432	10,106	10,123	10,576	10,428	10,540	10,206
4235	Inventories	Metals and Minerals, ex. Petroleum	12,947	12,980	13,640	12,329	12,570	12,797	20,110	21,109	26,638	25,210	28,886	18,957
4236	Inventories	Electrical Goods	24,234	27,337	31,122	26,379	25,114	25,107	28,062	30,481	34,372	37,035	38,415	32,868
4237	Inventories	Hardware, and Plumbing and Heating Equipment and Supplies	10,181	10,495	11,530	11,015	11,116	11,728	13,519	15,301	17,167	18,117	17,345	15,182
4238	Inventories	Machinery, Equipment, and Supplies	47,762	49,831	51,213	49,264	46,678	45,041	50,340	56,317	61,435	64,518	69,705	59,507
4239	Inventories	Miscellaneous Durable Goods	18,086	18,622	20,199	18,091	17,771	19,007	21,153	22,809	23,453	23,086	24,324	20,982
424	Inventories	Nondurable goods	96,581	102,555	110,991	115,735	120,095	123,149	127,389	135,623	143,430	162,520	163,227	161,838
4241	Inventories	Paper and Paper Products	5,890	5,983	6,746	5,988	5,640	5,700	6,567	7,081	7,206	7,342	7,676	6,875
4242	Inventories	Drugs and Druggists' Sundries	15,873	19,255	23,847	30,579	31,978	32,129	31,717	29,726	30,577	31,665	32,026	32,157
4243	Inventories	Apparel, Piece Goods, and Notions	14,021	13,633	14,072	14,435	14,854	14,671	15,544	17,173	17,673	18,065	19,321	15,571
4244	Inventories	Groceries and Related Products	19,037	20,354	20,470	19,219	20,328	20,109	20,531	22,440	24,078	26,605	28,582	27,133
4245	Inventories	Farm Product Raw Materials	10,912	10,607	11,457	11,299	11,590	13,862	9,987	11,177	14,253	20,456	17,403	19,593
4246	Inventories	Chemicals and Allied Products	5,783	6,074	6,036	6,142	6,587	6,686	7,408	8,376	8,580	9,691	10,492	8,850
4247	Inventories	Petroleum and Petroleum Products	3,793	4,341	5,192	5,230	6,004	6,590	9,509	12,232	13,089	17,105	13,043	19,880
4248	Inventories	Beer, Wine, and Distilled Alcoholic Beverages	5,796	6,149	6,497	6,352	6,940	7,207	7,711	8,362	9,076	10,232	10,971	10,468
4249	Inventories	Miscellaneous Nondurable Goods	15,476	16,159	16,674	16,491	16,174	16,195	18,415	19,056	18,898	21,359	23,713	21,311

Note:
Estimates have not been adjusted for price changes. Table 2A provides estimated measures of sampling variability. Additional information on confidentiality protection, sampling error, sample design, and definitions may be found at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

Footnotes:
^f Revised data.

Table 3. Estimated Sales and Inventories of U.S. Manufacturers' Sales Branches and Offices: 2002 through 2009

[Sales and inventory estimates are shown in millions of dollars and are based on data from the Annual Wholesale Trade Survey. Estimates have been adjusted using the final results of the 2007 Economic Census.]

2002 NAICS CODE	Data Item	Kind of Business	2002 ^f	2003 ^f	2004 ^f	2005 ^f	2006 ^f	2007 ^f	2008 ^f	2009
42	Sales	U.S. Manufacturers' Sales Branches and Offices	1,326,641	1,399,783	1,531,227	1,647,365	1,708,127	1,714,703	1,726,951	1,458,684
423	Sales	Durable goods	749,765	759,217	814,659	844,277	860,986	823,623	770,760	642,919
4231	Sales	Motor Vehicle and Motor Vehicle Parts and Supplies	346,771	345,071	360,446	347,749	346,967	329,702	269,417	207,578
4232	Sales	Furniture and Home Furnishings	17,944	18,348	20,402	22,536	22,598	23,365	21,601	S
4233	Sales	Lumber & Other Construction Materials	20,416	24,197	29,659	36,197	41,777	44,817	41,193	34,457
4234	Sales	Professional and Commercial Equipment and Supplies	133,985	142,783	144,953	150,799	152,214	131,439	143,516	140,733
42343	Sales	Computer and Computer Peripheral Equipment and Software	81,903	91,783	92,021	98,771	97,313	82,606	91,903	90,027
4235	Sales	Metals and Minerals, ex. Petroleum	35,709	38,425	48,052	55,532	61,314	61,188	64,319	39,937
4236	Sales	Electrical Goods	99,419	92,483	100,572	101,040	S	72,702	S	93,393
4237	Sales	Hardware, and Plumbing and Heating Equipment and Supplies	14,148	14,407	15,939	19,209	20,445	20,053	19,444	15,770
4238	Sales	Machinery, Equipment, and Supplies	70,178	72,876	82,764	100,277	107,388	100,740	103,909	86,214
4239	Sales	Miscellaneous Durable Goods	11,195	10,627	11,872	10,938	10,322	8,248	7,512	6,178
424	Sales	Nondurable goods	576,876	640,566	716,568	803,088	847,141	891,080	956,191	815,765
4241	Sales	Paper and Paper Products	41,765	42,534	S	47,542	48,449	48,337	45,925	39,885
4242	Sales	Drugs and Druggists' Sundries	141,233	158,868	180,333	198,011	206,170	210,545	211,892	201,426
4243	Sales	Apparel, Piece Goods, and Notions	12,543	10,867	10,921	11,081	9,996	8,480	8,074	6,153
4244	Sales	Groceries and Related Products	125,557	140,728	151,767	160,903	176,483	191,371	201,510	201,606
4246	Sales	Chemicals and Allied Products	58,405	62,366	69,731	73,511	74,350	79,920	84,617	69,910
4247	Sales	Petroleum and Petroleum Products	128,580	158,931	189,467	237,252	257,692	277,164	313,905	212,681
4248	Sales	Beer, Wine, and Distilled Alcoholic Beverages	8,370	8,334	9,224	11,515	S	11,746	12,220	11,426
4249	Sales	Miscellaneous Nondurable Goods	60,423	57,938	59,114	63,273	63,645	63,517	78,048	72,678
42	Inventories	U.S. Manufacturers' Sales Branches and Offices	76,575	83,884	93,005	105,686	113,122	118,115	123,129	111,383
423	Inventories	Durable goods	34,142	39,318	43,453	48,580	51,383	52,929	54,498	48,210
4231	Inventories	Motor Vehicle and Motor Vehicle Parts and Supplies	6,909	11,803	12,311	13,074	12,776	13,784	12,632	10,407
4232	Inventories	Furniture and Home Furnishings	1,110	1,177	1,387	1,472	1,642	1,802	1,492	S
4233	Inventories	Lumber & Other Construction Materials	1,511	1,783	2,333	3,033	3,488	4,122	3,982	3,219
4234	Inventories	Professional and Commercial Equipment and Supplies	7,214	7,409	7,770	8,276	8,396	8,152	9,043	8,871
42343	Inventories	Computer and Computer Peripheral Equipment and Software	2,653	2,596	2,527	2,570	2,580	2,624	3,092	3,171
4235	Inventories	Metals and Minerals, ex. Petroleum	4,147	4,128	5,359	6,632	7,298	7,927	8,273	5,981
4236	Inventories	Electrical Goods	4,636	4,199	4,318	5,367	5,626	5,760	6,059	5,173
4237	Inventories	Hardware, and Plumbing and Heating Equipment and Supplies	1,275	1,212	1,307	1,662	1,880	1,824	1,913	1,728
4238	Inventories	Machinery, Equipment, and Supplies	6,177	6,395	7,460	7,954	9,195	8,678	10,175	10,438
4239	Inventories	Miscellaneous Durable Goods	1,163	1,212	1,208	1,110	1,082	880	929	792
424	Inventories	Nondurable goods	42,433	44,566	49,552	57,106	61,739	65,186	68,631	63,173
4241	Inventories	Paper and Paper Products	2,563	2,604	S	3,121	3,539	3,719	3,715	3,187
4242	Inventories	Drugs and Druggists' Sundries	12,737	13,905	15,431	16,430	17,597	16,664	23,675	16,314
4243	Inventories	Apparel, Piece Goods, and Notions	1,584	1,716	1,602	1,867	1,851	1,693	1,543	1,227
4244	Inventories	Groceries and Related Products	3,050	5,115	5,722	6,350	7,082	7,400	8,105	7,635
4246	Inventories	Chemicals and Allied Products	5,696	5,701	5,835	6,251	6,778	7,469	7,746	6,445
4247	Inventories	Petroleum and Petroleum Products	11,053	10,515	12,940	17,577	19,928	22,613	15,669	20,004
4248	Inventories	Beer, Wine, and Distilled Alcoholic Beverages	551	579	591	597	566	679	743	731
4249	Inventories	Miscellaneous Nondurable Goods	5,199	4,431	4,547	4,913	4,398	4,949	7,435	7,630

Notes:

S - Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see <http://www.census.gov/quality/standards/standardf1.html>.

There are no manufacturers' sales branches and offices in NAICS code 4245.

Estimates have not been adjusted for price changes. Table 3A provides estimated measures of sampling variability. Additional information on confidentiality protection, sampling error, sample design, and definitions may be found at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

Footnotes:

^f Revised data.

Table 4. Estimated Annual Purchases, Gross Margins, and Gross Margins as a Percent of Sales for U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices: 1998 Through 2009

[Purchases and gross margins estimates are shown in millions of dollars and are based on data from the Annual Wholesale Trade Survey. Estimates have been adjusted using the final results of the 2007 Economic Census.]

2002 NAICS CODE	Data Item	Kind of Business	1998 ¹	1999 ¹	2000 ¹	2001 ¹	2002 ¹	2003 ¹	2004 ¹	2005 ¹	2006 ¹	2007 ¹	2008 ¹	2009
42	Purchases	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	1,942,911	2,082,646	2,268,847	2,232,474	2,279,088	2,408,843	2,713,195	2,951,748	3,187,611	3,417,705	3,653,673	3,017,785
		Durable goods	1,011,882	1,091,623	1,153,470	1,090,913	1,088,676	1,127,614	1,314,357	1,412,895	1,544,945	1,614,348	1,618,829	1,285,072
4231	Purchases	Motor Vehicle and Motor Vehicle Parts and Supplie	145,700	169,671	175,944	185,832	199,836	212,201	233,861	251,072	277,567	285,802	256,429	204,070
4232	Purchases	Furniture and Home Furnishings	31,026	33,634	37,445	36,599	36,919	38,365	42,017	44,861	48,532	48,632	45,111	35,612
4233	Purchases	Lumber & Other Construction Material	65,528	72,741	71,054	71,919	78,063	84,165	102,568	110,314	111,251	97,064	89,010	68,423
4234	Purchases	Professional and Commercial Equipment and Supplie	200,876	221,348	221,398	204,932	206,697	209,885	232,737	245,006	254,675	274,711	275,193	256,863
42343	Purchases	Computer and Computer Peripheral Equipment and Softwar	132,911	149,711	148,458	122,920	124,289	120,427	131,836	136,869	136,726	145,828	145,828	136,988
4235	Purchases	Metals and Minerals, ex. Petroleum	72,164	69,893	75,568	67,872	65,715	66,094	98,925	111,144	131,497	138,400	147,549	83,778
4236	Purchases	Electrical Goods	157,084	174,907	203,610	180,274	174,073	183,043	210,793	224,743	250,319	272,277	276,005	242,267
4237	Purchases	Hardware, and Plumbing and Heating Equipment and Supplie	49,491	51,285	53,587	48,952	49,968	52,401	60,976	68,211	78,056	80,285	77,999	64,291
4238	Purchases	Machinery, Equipment, and Supplier	179,882	183,242	189,700	182,216	166,566	168,399	192,030	211,161	231,033	239,141	259,217	197,083
4239	Purchases	Miscellaneous Durable Goods	110,051	114,902	125,164	112,317	112,839	113,461	140,450	146,383	161,615	178,036	192,316	132,685
424		Nondurable goods	931,029	991,023	1,115,377	1,141,561	1,190,412	1,281,229	1,398,838	1,538,853	1,642,666	1,803,357	2,034,844	1,732,713
4241	Purchases	Paper and Paper Products	54,108	57,621	61,926	61,353	58,689	60,420	69,639	71,678	72,220	71,967	71,967	64,130
4242	Purchases	Drugs and Druggists' Sundries	110,654	134,704	159,914	191,174	224,592	254,908	277,106	295,276	313,487	325,032	339,963	347,813
4243	Purchases	Apparel, Piece Goods, and Notion:	61,681	63,106	68,024	68,666	73,938	75,602	79,473	85,431	92,512	98,081	95,868	84,743
4244	Purchases	Groceries and Related Product:	288,827	298,731	314,660	314,579	320,549	326,443	336,782	353,631	366,028	400,887	411,841	398,063
4245	Purchases	Farm Product Raw Material	101,678	92,280	95,124	91,617	94,725	101,964	105,407	97,504	100,764	133,783	180,973	151,937
4246	Purchases	Chemicals and Allied Product	42,413	43,482	47,664	48,703	51,338	54,579	62,438	71,334	73,890	78,846	90,558	66,922
4247	Purchases	Petroleum and Petroleum Product:	106,976	126,788	179,931	177,493	180,593	218,085	262,890	346,083	397,676	456,579	591,500	378,482
4248	Purchases	Beer, Wine, and Distilled Alcoholic Beverage	46,654	50,723	53,652	56,044	59,508	62,952	64,324	68,242	73,293	77,441	79,041	79,385
4249	Purchases	Miscellaneous Nondurable Goods	118,038	123,588	134,482	131,842	126,479	126,276	143,899	151,113	153,338	160,188	173,133	161,238
42	Gross margins	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	497,884	534,371	565,080	541,532	560,553	572,023	638,043	691,078	746,926	782,320	796,244	638,580
		Durable goods	305,286	326,632	344,140	315,392	332,580	338,943	394,700	421,858	461,498	466,767	474,615	345,045
4231	Gross margins	Motor Vehicle and Motor Vehicle Parts and Supplie	39,182	46,039	48,266	47,840	54,534	49,979	52,539	57,370	61,161	57,150	55,682	35,761
4232	Gross margins	Furniture and Home Furnishings	12,378	13,717	15,945	15,457	16,898	17,544	18,874	20,771	20,543	18,659	13,718	
4233	Gross margins	Lumber & Other Construction Material	13,877	16,563	16,369	17,804	19,478	22,423	27,555	29,269	30,600	28,719	26,397	19,215
4234	Gross margins	Professional and Commercial Equipment and Supplie	53,635	61,746	60,426	59,213	62,141	65,497	70,114	72,248	77,524	80,313	84,431	76,031
42343	Gross margins	Computer and Computer Peripheral Equipment and Softwar	24,478	26,603	24,940	23,130	26,007	24,184	26,022	25,645	24,604	25,327	30,446	29,466
4235	Gross margins	Metals and Minerals, ex. Petroleum	16,959	16,654	18,898	15,664	16,272	15,474	29,437	26,126	32,393	26,033	33,983	10,408
4236	Gross margins	Electrical Goods	45,997	52,321	60,216	46,847	47,619	50,021	58,228	62,758	73,776	79,346	79,535	64,834
4237	Gross margins	Hardware, and Plumbing and Heating Equipment and Supplie	16,858	17,534	19,504	19,580	20,564	22,580	24,846	28,260	32,351	32,669	29,558	23,585
4238	Gross margins	Machinery, Equipment, and Supplier	69,715	68,820	67,771	63,061	58,606	60,828	73,512	83,116	86,873	92,762	97,523	67,520
4239	Gross margins	Miscellaneous Durable Goods	34,485	35,298	38,745	29,926	32,468	34,597	40,302	43,836	46,049	49,032	48,747	33,573
424		Nondurable goods	192,598	207,739	220,940	226,140	227,973	233,080	243,343	269,220	285,428	315,553	321,629	293,535
4241	Gross margins	Paper and Paper Products	14,942	15,630	16,611	14,121	13,609	13,581	16,027	17,673	18,319	19,180	19,250	16,650
4242	Gross margins	Drugs and Druggists' Sundries	17,147	20,205	20,657	26,230	22,432	17,558	16,298	27,277	29,254	27,839	29,586	28,420
4243	Gross margins	Apparel, Piece Goods, and Notion:	25,569	26,875	28,916	30,658	32,284	31,805	36,254	39,253	39,444	41,985	42,272	35,091
4244	Gross margins	Groceries and Related Products	52,825	58,679	60,181	61,349	66,441	75,130	65,989	66,889	70,018	77,412	79,040	76,381
4245	Gross margins	Farm Product Raw Materials	7,998	7,826	8,392	9,111	9,969	11,989	6,128	9,687	13,623	18,207	13,359	15,010
4246	Gross margins	Chemicals and Allied Products	14,237	14,522	14,557	15,496	16,827	16,758	17,778	21,102	22,113	24,522	26,370	21,726
4247	Gross margins	Petroleum and Petroleum Products	11,492	13,499	16,686	14,074	12,847	12,079	24,105	25,323	29,090	34,046	36,004	33,352
4248	Gross margins	Beer, Wine, and Distilled Alcoholic Beverages	15,423	16,960	18,033	18,665	20,269	20,134	23,048	24,714	25,873	27,540	28,645	27,954
4249	Gross margins	Miscellaneous Nondurable Goods	32,985	33,543	36,907	36,436	34,295	34,046	37,716	37,302	37,694	44,822	47,103	38,951
42	Gross margins as a percent of sales	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	20.5	20.6	20.1	19.4	19.8	19.2	19.2	19.1	19.1	18.7	18.0	17.2
		Durable goods	23.4	23.2	23.1	22.2	23.4	23.2	23.5	23.2	23.3	22.5	22.8	20.5
4231	Gross margins as a percent of sales	Motor Vehicle and Motor Vehicle Parts and Supplies	21.3	21.7	21.7	20.4	21.6	19.2	18.5	18.8	18.2	16.7	18.1	14.3
4232	Gross margins as a percent of sales	Furniture and Home Furnishings	28.8	29.2	30.3	29.5	31.6	30.4	29.9	30.1	29.7	29.1	26.8	
4233	Gross margins as a percent of sales	Lumber & Other Construction Materials	17.4	18.7	18.8	19.8	20.5	21.3	21.7	21.1	21.6	22.7	22.7	21.3
4234	Gross margins as a percent of sales	Professional and Commercial Equipment and Supplies	21.7	21.9	21.4	22.1	24.3	23.8	23.3	22.8	23.5	22.7	23.5	22.7
42343	Gross margins as a percent of sales	Computer and Computer Peripheral Equipment and Software	15.5	15.1	14.3	15.0	17.3	16.8	16.6	15.8	15.3	14.8	17.3	17.7
4235	Gross margins as a percent of sales	Metals and Minerals, ex. Petroleum	19.2	19.3	20.1	18.5	19.9	19.0	24.3	19.2	20.5	15.7	19.1	10.0
4236	Gross margins as a percent of sales	Electrical Goods	22.9	23.3	23.2	20.2	21.4	21.5	21.9	22.0	23.0	22.7	22.5	20.7
4237	Gross margins as a percent of sales	Hardware, and Plumbing and Heating Equipment and Supplies	25.7	25.6	27.1	28.4	29.2	30.4	29.6	29.8	29.8	29.3	27.3	26.2
4238	Gross margins as a percent of sales	Machinery, Equipment, and Supplier	28.6	26.9	26.5	25.5	25.7	26.3	28.2	28.8	27.8	28.2	27.8	24.7
4239	Gross margins as a percent of sales	Miscellaneous Durable Goods	24.0	23.6	22.9	20.7	22.3	23.6	22.6	23.2	22.2	21.6	20.3	19.8
424		Nondurable goods	17.2	17.4	16.6	16.6	16.1	15.4	14.9	15.0	14.9	15.0	13.7	14.5
4241	Gross margins as a percent of sales	Paper and Paper Products	21.6	21.4	21.4	18.5	18.7	18.4	19.6	20.4	20.4	21.0	21.2	20.4
4242	Gross margins as a percent of sales	Drugs and Druggists' Sundries	13.7	13.3	11.7	12.5	9.1	6.4	5.5	8.4	8.6	7.9	8.0	7.6
4243	Gross margins as a percent of sales	Apparel, Piece Goods, and Notions	29.5	29.7	30.0	31.0	30.5	29.6	31.6	31.9	30.0	30.1	30.9	28.4
4244	Gross margins as a percent of sales	Groceries and Related Products	15.5	16.5	16.1	16.3	17.2	18.7	16.4	16.0	16.1	16.3	16.2	16.1
4245	Gross margins as a percent of sales	Farm Product Raw Materials	7.3	7.8	8.2	9.0	8.7	10.7	5.3	9.1	12.2	12.5	6.8	9.1
4246	Gross margins as a percent of sales	Chemicals and Allied Products	25.3	25.2	23.4	24.1	24.8	23.5	22.4	22.9	23.1	24.0	22.7	24.1
4247	Gross margins as a percent of sales	Petroleum and Petroleum Products	9.7	9.7	8.5	7.3	6.7	5.3	8.5	8.5	6.8	7.0	5.7	8.2
4248	Gross margins as a percent of sales	Beer, Wine, and Distilled Alcoholic Beverages	25.0	25.2</										

Table 5. Estimated Annual Operating Expenses and Operating Expenses as a Percent of Sales for U.S. Merchant Wholesalers: 2002 through 2009

[Operating expenses are shown in millions of dollars and are based on data from the Annual Wholesale Trade Survey. Estimates have been adjusted using the final results of the 2007 Economic Census.]

2002 NAICS CODE	Data Item	Kind of Business	2002 ^f	2003 ^f	2004 ^f	2005 ^f	2006 ^f	2007 ^f	2008 ^f	2009
42	Operating expenses	U.S. Merchant Wholesalers	NA	NA	NA	NA	667,345	725,532	742,354	669,517
423	Operating expenses	Durable goods	NA	NA	NA	NA	399,672	429,911	438,654	384,038
4231	Operating expenses	Motor Vehicle and Motor Vehicle Parts and Supplies	NA	NA	NA	NA	52,976	56,031	55,715	48,985
4232	Operating expenses	Furniture and Home Furnishings	NA	NA	NA	NA	18,828	20,370	18,225	15,006
4233	Operating expenses	Lumber & Other Construction Materials	NA	NA	NA	NA	27,844	28,882	27,908	23,124
4234	Operating expenses	Professional and Commercial Equipment and Supplies	NA	NA	NA	NA	81,116	85,295	90,025	83,939
42343	Operating expenses	Computer and Computer Peripheral Equipment and Software	NA	NA	NA	NA	32,155	34,799	36,981	35,082
4235	Operating expenses	Metals and Minerals, ex. Petroleum	NA	NA	NA	NA	21,041	22,466	22,653	17,724
4236	Operating expenses	Electrical Goods	NA	NA	NA	NA	63,612	72,702	72,683	66,114
4237	Operating expenses	Hardware, and Plumbing and Heating Equipment and Supplies	NA	NA	NA	NA	28,005	29,695	28,538	23,708
4238	Operating expenses	Machinery, Equipment, and Supplies	NA	NA	NA	NA	71,571	77,528	84,368	74,120
4239	Operating expenses	Miscellaneous Durable Goods	NA	NA	NA	NA	34,679	36,942	38,539	31,318
424	Operating expenses	Nondurable goods	NA	NA	NA	NA	267,673	295,621	303,700	285,479
4241	Operating expenses	Paper and Paper Products	NA	NA	NA	NA	20,211	21,179	20,365	19,111
4242	Operating expenses	Drugs and Druggists' Sundries	NA	NA	NA	NA	46,267	46,760	46,631	43,761
4243	Operating expenses	Apparel, Piece Goods, and Notions	NA	NA	NA	NA	29,921	32,275	31,064	28,469
4244	Operating expenses	Groceries and Related Products	NA	NA	NA	NA	72,376	82,637	86,799	85,109
4245	Operating expenses	Farm Product Raw Materials	NA	NA	NA	NA	7,715	9,146	11,374	10,344
4246	Operating expenses	Chemicals and Allied Products	NA	NA	NA	NA	22,054	25,298	26,231	22,620
4247	Operating expenses	Petroleum and Petroleum Products	NA	NA	NA	NA	16,695	20,324	21,829	19,683
4248	Operating expenses	Beer, Wine, and Distilled Alcoholic Beverages	NA	NA	NA	NA	19,552	21,267	22,025	21,930
4249	Operating expenses	Miscellaneous Nondurable Goods	NA	NA	NA	NA	32,882	36,735	37,382	34,452
42	Operating expenses as a percent of sales	U.S. Merchant Wholesalers	NA	NA	NA	NA	11.9	12.3	12.0	13.0
423	Operating expenses as a percent of sales	Durable goods	NA	NA	NA	NA	14.0	14.8	15.4	16.5
4231	Operating expenses as a percent of sales	Motor Vehicle and Motor Vehicle Parts and Supplies	NA	NA	NA	NA	7.8	8.4	9.6	10.7
4232	Operating expenses as a percent of sales	Furniture and Home Furnishings	NA	NA	NA	NA	20.5	22.0	21.3	21.5
4233	Operating expenses as a percent of sales	Lumber & Other Construction Materials	NA	NA	NA	NA	15.2	16.9	17.7	18.5
4234	Operating expenses as a percent of sales	Professional and Commercial Equipment and Supplies	NA	NA	NA	NA	16.8	17.6	17.9	17.6
42343	Operating expenses as a percent of sales	Computer and Computer Peripheral Equipment and Software	NA	NA	NA	NA	12.5	13.7	13.8	13.7
4235	Operating expenses as a percent of sales	Metals and Minerals, ex. Petroleum	NA	NA	NA	NA	9.6	9.9	9.4	12.3
4236	Operating expenses as a percent of sales	Electrical Goods	NA	NA	NA	NA	15.2	16.0	16.0	16.3
4237	Operating expenses as a percent of sales	Hardware, and Plumbing and Heating Equipment and Supplies	NA	NA	NA	NA	21.7	22.5	22.3	22.4
4238	Operating expenses as a percent of sales	Machinery, Equipment, and Supplies	NA	NA	NA	NA	17.0	18.0	18.5	20.5
4239	Operating expenses as a percent of sales	Miscellaneous Durable Goods	NA	NA	NA	NA	16.0	15.7	15.6	17.8
424	Operating expenses as a percent of sales	Nondurable goods	NA	NA	NA	NA	9.7	9.9	9.2	10.0
4241	Operating expenses as a percent of sales	Paper and Paper Products	NA	NA	NA	NA	14.6	15.2	14.9	15.7
4242	Operating expenses as a percent of sales	Drugs and Druggists' Sundries	NA	NA	NA	NA	8.4	8.3	8.0	7.6
4243	Operating expenses as a percent of sales	Apparel, Piece Goods, and Notions	NA	NA	NA	NA	21.2	21.8	21.4	21.9
4244	Operating expenses as a percent of sales	Groceries and Related Products	NA	NA	NA	NA	11.8	12.4	12.6	12.6
4245	Operating expenses as a percent of sales	Farm Product Raw Materials	NA	NA	NA	NA	6.9	6.3	5.8	6.3
4246	Operating expenses as a percent of sales	Chemicals and Allied Products	NA	NA	NA	NA	13.0	13.9	13.1	14.1
4247	Operating expenses as a percent of sales	Petroleum and Petroleum Products	NA	NA	NA	NA	2.4	2.7	2.3	3.2
4248	Operating expenses as a percent of sales	Beer, Wine, and Distilled Alcoholic Beverages	NA	NA	NA	NA	18.0	18.4	18.5	18.4
4249	Operating expenses as a percent of sales	Miscellaneous Nondurable Goods	NA	NA	NA	NA	12.9	13.8	12.6	12.5

Table 5. Estimated Annual Operating Expenses and Operating Expenses as a Percent of Sales for U.S. Merchant Wholesalers: 2002 through 2009

[Operating expenses are shown in millions of dollars and are based on data from the Annual Wholesale Trade Survey. Estimates have been adjusted using the final results of the 2007 Economic Census.]

2002 NAICS CODE	Data Item	Kind of Business	2002 ^f	2003 ^f	2004 ^f	2005 ^f	2006 ^f	2007 ^f	2008 ^f	2009
42	Operating expenses	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	NA	NA	NA	NA	509,705	561,421	571,148	509,541
423	Operating expenses	Durable goods	NA	NA	NA	NA	320,549	348,653	354,559	306,658
4231	Operating expenses	Motor Vehicle and Motor Vehicle Parts and Supplies	NA	NA	NA	NA	39,884	42,493	41,894	36,781
4232	Operating expenses	Furniture and Home Furnishings	NA	NA	NA	NA	16,004	17,589	15,784	12,789
4233	Operating expenses	Lumber & Other Construction Materials	NA	NA	NA	NA	23,369	24,089	23,040	19,026
4234	Operating expenses	Professional and Commercial Equipment and Supplies	NA	NA	NA	NA	56,615	61,869	63,639	59,472
42343	Operating expenses	Computer and Computer Peripheral Equipment and Software	NA	NA	NA	NA	19,800	23,207	24,233	23,269
4235	Operating expenses	Metals and Minerals, ex. Petroleum	NA	NA	NA	NA	18,797	19,941	20,046	15,421
4236	Operating expenses	Electrical Goods	NA	NA	NA	NA	48,134	55,785	56,378	51,649
4237	Operating expenses	Hardware, and Plumbing and Heating Equipment and Supplies	NA	NA	NA	NA	24,935	26,576	25,345	21,297
4238	Operating expenses	Machinery, Equipment, and Supplies	NA	NA	NA	NA	59,834	64,769	71,238	60,074
4239	Operating expenses	Miscellaneous Durable Goods	NA	NA	NA	NA	32,977	35,542	37,195	30,149
424	Operating expenses	Nondurable goods	NA	NA	NA	NA	189,156	212,768	216,589	202,883
4241	Operating expenses	Paper and Paper Products	NA	NA	NA	NA	15,538	16,598	15,960	15,185
4242	Operating expenses	Drugs and Druggists' Sundries	NA	NA	NA	NA	17,411	18,311	18,425	17,611
4243	Operating expenses	Apparel, Piece Goods, and Notions	NA	NA	NA	NA	28,295	30,875	29,696	27,468
4244	Operating expenses	Groceries and Related Products	NA	NA	NA	NA	49,394	57,184	57,549	55,918
4245	Operating Expenses	Farm Product Raw Materials	NA	NA	NA	NA	7,715	9,146	11,374	10,344
4246	Operating expenses	Chemicals and Allied Products	NA	NA	NA	NA	15,204	17,221	18,101	15,364
4247	Operating expenses	Petroleum and Petroleum Products	NA	NA	NA	NA	10,871	13,329	15,336	12,897
4248	Operating expenses	Beer, Wine, and Distilled Alcoholic Beverages	NA	NA	NA	NA	17,996	19,388	20,101	20,088
4249	Operating expenses	Miscellaneous Nondurable Goods	NA	NA	NA	NA	26,732	30,716	30,047	28,008
42	Operating expenses as a percent of sales	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	NA	NA	NA	NA	13.1	13.4	12.9	13.7
423	Operating expenses as a percent of sales	Durable goods	NA	NA	NA	NA	16.2	16.8	17.1	18.3
4231	Operating expenses as a percent of sales	Motor Vehicle and Motor Vehicle Parts and Supplies	NA	NA	NA	NA	11.9	12.5	13.6	14.7
4232	Operating expenses as a percent of sales	Furniture and Home Furnishings	NA	NA	NA	NA	23.2	25.4	24.6	25.0
4233	Operating expenses as a percent of sales	Lumber & Other Construction Materials	NA	NA	NA	NA	16.5	19.0	19.8	21.1
4234	Operating expenses as a percent of sales	Professional and Commercial Equipment and Supplies	NA	NA	NA	NA	17.2	17.5	17.7	17.7
42343	Operating expenses as a percent of sales	Computer and Computer Peripheral Equipment and Software	NA	NA	NA	NA	12.3	13.5	13.8	14.0
4235	Operating expenses as a percent of sales	Metals and Minerals, ex. Petroleum	NA	NA	NA	NA	11.9	12.0	11.3	14.8
4236	Operating expenses as a percent of sales	Electrical Goods	NA	NA	NA	NA	15.0	16.0	15.9	16.5
4237	Operating expenses as a percent of sales	Hardware, and Plumbing and Heating Equipment and Supplies	NA	NA	NA	NA	23.0	23.7	23.4	23.7
4238	Operating expenses as a percent of sales	Machinery, Equipment, and Supplies	NA	NA	NA	NA	19.1	19.7	20.3	21.8
4239	Operating expenses as a percent of sales	Miscellaneous Durable Goods	NA	NA	NA	NA	15.9	15.6	15.5	17.8
424	Operating expenses as a percent of sales	Nondurable goods	NA	NA	NA	NA	9.9	10.1	9.2	10.0
4241	Operating expenses as a percent of sales	Paper and Paper Products	NA	NA	NA	NA	17.3	18.2	17.6	18.6
4242	Operating expenses as a percent of sales	Drugs and Druggists' Sundries	NA	NA	NA	NA	5.1	5.2	5.0	4.7
4243	Operating expenses as a percent of sales	Apparel, Piece Goods, and Notions	NA	NA	NA	NA	21.5	22.1	21.7	22.2
4244	Operating expenses as a percent of sales	Groceries and Related Products	NA	NA	NA	NA	11.4	12.0	11.8	11.8
4245	Operating expenses as a percent of sales	Farm Product Raw Materials	NA	NA	NA	NA	6.9	6.3	5.8	6.3
4246	Operating expenses as a percent of sales	Chemicals and Allied Products	NA	NA	NA	NA	15.9	16.8	15.6	17.0
4247	Operating expenses as a percent of sales	Petroleum and Petroleum Products	NA	NA	NA	NA	2.6	2.7	2.4	3.2
4248	Operating expenses as a percent of sales	Beer, Wine, and Distilled Alcoholic Beverages	NA	NA	NA	NA	18.3	18.7	18.8	18.6
4249	Operating expenses as a percent of sales	Miscellaneous Nondurable Goods	NA	NA	NA	NA	14.0	15.2	13.8	13.8

Table 5. Estimated Annual Operating Expenses and Operating Expenses as a Percent of Sales for U.S. Merchant Wholesalers: 2002 through 2009

[Operating expenses are shown in millions of dollars and are based on data from the Annual Wholesale Trade Survey. Estimates have been adjusted using the final results of the 2007 Economic Census.]

2002 NAICS CODE	Data Item	Kind of Business	2002 ^f	2003 ^f	2004 ^f	2005 ^f	2006 ^f	2007 ^f	2008 ^f	2009
42	Operating expenses	Manufacturers' Sales Branches and Offices	124,988	132,222	143,119	152,463	157,640	164,111	171,206	159,976
423	Operating expenses	Durable goods	67,746	69,689	74,605	77,455	79,123	81,258	84,095	77,380
4231	Operating expenses	Motor Vehicle and Motor Vehicle Parts and Supplies	11,805	13,592	S	S	13,092	13,538	13,821	12,204
4232	Operating expenses	Furniture and Home Furnishings	2,389	2,537	2,990	3,137	2,824	2,781	2,441	2,217
4233	Operating expenses	Lumber & Other Construction Materials	1,959	2,312	2,797	3,475	4,475	4,793	4,868	4,098
4234	Operating expenses	Professional and Commercial Equipment and Supplies	24,033	22,553	23,136	23,732	24,501	23,426	26,386	24,467
42343	Operating expenses	Computer and Computer Peripheral Equipment and Software	14,808	12,914	11,582	12,214	12,355	11,592	12,748	11,813
4235	Operating expenses	Metals and Minerals, ex. Petroleum	1,515	1,594	1,966	2,216	2,244	2,525	2,607	2,303
4236	Operating expenses	Electrical Goods	14,730	13,111	14,696	14,720	S	S	S	14,465
4237	Operating expenses	Hardware, and Plumbing and Heating Equipment and Supplies	2,107	2,116	2,319	2,794	3,070	3,119	3,193	2,411
4238	Operating expenses	Machinery, Equipment, and Supplies	8,213	9,934	10,798	11,971	11,737	12,759	13,130	14,046
4239	Operating expenses	Miscellaneous Durable Goods	995	1,940	2,267	1,851	1,702	1,400	1,344	1,169
424	Operating expenses	Nondurable goods	57,242	62,533	68,514	75,008	78,517	82,853	87,111	82,596
4241	Operating expenses	Paper and Paper Products	4,530	4,562	4,545	4,761	4,673	4,581	4,405	3,926
4242	Operating expenses	Drugs and Druggists' Sundries	18,848	21,539	24,417	26,926	28,856	28,449	28,206	26,150
4243	Operating expenses	Apparel, Piece Goods, and Notions	1,737	1,585	1,663	1,834	1,626	1,400	1,368	1,001
4244	Operating expenses	Groceries and Related Products	16,558	18,438	20,186	21,509	22,982	25,453	29,250	29,191
4246	Operating expenses	Chemicals and Allied Products	5,930	5,977	6,532	6,738	6,850	8,077	8,130	7,256
4247	Operating expenses	Petroleum and Petroleum Products	3,439	4,020	4,336	5,835	5,824	6,995	6,493	6,786
4248	Operating expenses	Beer, Wine, and Distilled Alcoholic Beverages	1,095	1,080	1,232	1,516	1,556	1,879	1,924	1,842
4249	Operating expenses	Miscellaneous Nondurable Goods	5,105	5,332	5,603	5,889	6,150	6,019	7,335	6,444
42	Operating expenses as a percent of sales	Manufacturers' Sales Branches and Offices	9.4	9.4	9.3	9.3	9.2	9.6	9.9	11.0
423	Operating expenses as a percent of sales	Durable goods	9.0	9.2	9.2	9.2	9.2	9.9	10.9	12.0
4231	Operating expenses as a percent of sales	Motor Vehicle and Motor Vehicle Parts and Supplies	3.4	3.9	S	S	3.8	4.1	5.1	5.9
4232	Operating expenses as a percent of sales	Furniture and Home Furnishings	13.3	13.8	14.7	13.9	12.5	11.9	11.3	S
4233	Operating expenses as a percent of sales	Lumber & Other Construction Materials	9.6	9.6	9.4	9.6	10.7	10.7	11.8	11.9
4234	Operating expenses as a percent of sales	Professional and Commercial Equipment and Supplies	17.9	15.8	16.0	15.7	16.1	17.8	18.4	17.4
42343	Operating expenses as a percent of sales	Computer and Computer Peripheral Equipment and Software	18.1	14.1	12.6	12.4	12.7	14.0	13.9	13.1
4235	Operating expenses as a percent of sales	Metals and Minerals, ex. Petroleum	4.2	4.1	4.1	4.0	3.7	4.1	4.1	5.8
4236	Operating expenses as a percent of sales	Electrical Goods	14.8	14.2	14.6	14.6	S	S	S	15.5
4237	Operating expenses as a percent of sales	Hardware, and Plumbing and Heating Equipment and Supplies	14.9	14.7	14.5	14.5	15.0	15.6	16.4	15.3
4238	Operating expenses as a percent of sales	Machinery, Equipment, and Supplies	11.7	13.6	13.0	11.9	10.9	12.7	12.6	16.3
4239	Operating expenses as a percent of sales	Miscellaneous Durable Goods	8.9	18.3	19.1	16.9	16.5	17.0	17.9	18.9
424	Operating expenses as a percent of sales	Nondurable goods	9.9	9.8	9.6	9.3	9.3	9.3	9.1	10.1
4241	Operating expenses as a percent of sales	Paper and Paper Products	10.8	10.7	S	10.0	9.6	9.5	9.6	9.8
4242	Operating expenses as a percent of sales	Drugs and Druggists' Sundries	13.3	13.6	13.5	13.6	14.0	13.5	13.3	13.0
4243	Operating expenses as a percent of sales	Apparel, Piece Goods, and Notions	13.8	14.6	15.2	16.6	16.3	16.5	16.9	16.3
4244	Operating expenses as a percent of sales	Groceries and Related Products	13.2	13.1	13.3	13.4	13.0	13.3	14.5	14.5
4246	Operating expenses as a percent of sales	Chemicals and Allied Products	10.2	9.6	9.4	9.2	9.2	10.1	9.6	10.4
4247	Operating expenses as a percent of sales	Petroleum and Petroleum Products	2.7	2.5	2.3	2.5	2.3	2.5	2.1	3.2
4248	Operating expenses as a percent of sales	Beer, Wine, and Distilled Alcoholic Beverages	13.1	13.0	13.4	13.2	S	16.0	15.7	16.1
4249	Operating expenses as a percent of sales	Miscellaneous Nondurable Goods	8.4	9.2	9.5	9.3	9.7	9.5	9.4	8.9

Notes:

NA - Estimate is unavailable due to operating expenses not being collected on the Annual Wholesale Trade Survey for merchant wholesalers, except manufacturers' sales branches and offices, until 2006.

S - Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see <http://www.census.gov/quality/standards/standardf1.html>.

There are no manufacturers' sales branches and offices in NAICS code 4245.

Estimates have not been adjusted for price changes. Table 5A provides estimated measures of sampling variability. Additional information on confidentiality protection, sampling error, sample design, and definitions may be found at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

Footnotes:

^f Revised data.

Table 5.1 Revised Estimated Detailed Operating Expenses of U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices¹ by Kind of Business: 2007

[Dollar estimates are shown in millions of dollars. Estimates have been adjusted using final results of the 2007 Economic Census]

2002 NAICS code	Kind of business	Sales	Operating expenses, total	Total operating expenses as percent of sales	Annual payroll		Employer costs for fringe benefits		Contract labor costs, including temporary help		Expensed equipment	
					Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total
42	U.S. Merchant Wholesalers, except Manufacturers' Sales Branches and Offices	4,174,286	561,421	13.4	251,100	44.7	47,658	8.5	8,101	1.4	2,870	0.5
423	Durable goods	2,074,466	348,653	16.8	158,136	45.4	29,901	8.6	4,639	1.3	2,104	0.6
4231	Motor Vehicle and Motor Vehicle Parts and Supplies.....	341,227	42,493	12.5	15,724	37.0	3,164	7.4	799	1.9	159	0.4
4232	Furniture and Home Furnishings	69,112	17,589	25.4	7,345	41.8	1,195	6.8	341	1.9	81	0.5
4233	Lumber & Other Construction Materials	126,543	24,089	19.0	11,018	45.7	2,235	9.3	280	1.2	145	0.6
4234	Professional and Commercial Equipment and Supplies	354,304	61,869	17.5	29,537	47.7	5,015	8.1	673	1.1	599	1.0
42343	Computer and Computer Peripheral Equipment and Software	171,303	23,207	13.5	11,629	50.1	1,615	7.0	312	1.3	107	0.5
4235	Metals and Minerals, ex. Petroleum	165,861	19,941	12.0	8,936	44.8	1,871	9.4	305	1.5	90	0.5
4236	Electrical Goods	348,960	55,785	16.0	26,785	48.0	5,008	9.0	894	1.6	335	0.6
4237	Hardware, and Plumbing and Heating Equipment and Supplies	112,204	26,576	23.7	12,728	47.9	2,411	9.1	241	0.9	122	0.5
4238	Machinery, Equipment, and Supplies	328,820	64,769	19.7	32,871	50.8	6,638	10.2	572	0.9	329	0.5
4239	Miscellaneous Durable Goods	227,435	35,542	15.6	13,191	37.1	2,364	6.7	535	1.5	243	0.7
424	Nondurable Goods	2,099,820	212,768	10.1	92,964	43.7	17,758	8.3	3,462	1.6	766	0.4
4241	Paper and Paper Products	91,264	16,598	18.2	8,145	49.1	1,433	8.6	188	1.1	98	0.6
4242	Drugs and Druggists' Sundries	351,783	18,311	5.2	6,993	38.2	S	S	S	S	S	S
4243	Apparel, Piece Goods, and Notions	139,674	30,875	22.1	12,047	39.0	2,167	7.0	509	1.6	82	0.3
4244	Groceries and Related products	475,772	57,184	12.0	26,481	46.3	5,232	9.1	1,153	2.0	159	0.3
4245	Farm Product Raw Materials	145,787	9,146	6.3	3,282	35.9	729	8.0	109	1.2	30	0.3
4246	Chemicals and Allied Products	102,257	17,221	16.8	7,695	44.7	S	S	148	0.9	93	0.5
4247	Petroleum and Petroleum Products	486,909	13,329	2.7	5,254	39.4	747	5.6	S	S	45	0.3
4248	Beer, Wine, and Distilled Alcoholic Beverages	103,825	19,388	18.7	9,724	50.2	2,138	11.0	124	0.6	54	0.3
4249	Miscellaneous Nondurable Goods	202,549	30,716	15.2	13,343	43.4	S	S	534	1.7	130	0.4

¹ Estimates include data only for businesses with paid employees.

² Other operating expenses exclude purchase of merchandise for resale; bad debt; capitalized expenses; interest expense; and income, sales, and excise taxes.

D Estimate in table is withheld to avoid disclosing data of individual companies; data are included in higher-level totals.

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see <http://www.census.gov/quality/standards/standardf1.html>.

Z Estimate is less than 0.05

Source of expenses data: 2007 Business Expenses Supplement to the Annual Wholesale Trade Survey.

Notes:

Table 5.1A provides associated estimated measures of sampling variability.

Estimates have not been adjusted for price changes. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions can be found on the Internet at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

The 2002 revision of NAICS redefined merchant wholesale to include manufacturers' sales branches and offices.

Table 5.1 Revised Estimated Detailed Operating Expenses of U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices¹ by Kind of Business: 2007-- cont.

[Dollar estimates are shown in millions of dollars. Estimates have been adjusted using final results of the 2007 Economic Census]

2002 NAICS code	Kind of business	Purchases of packaging materials and containers		Purchases of other materials, parts, and supplies (not for resale)		Expensed purchases of software		Data processing and other purchased computer services		Commission expense	
		Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total
42	U.S. Merchant Wholesalers, except Manufacturers' Sales Branches and Offices	5,216	0.9	11,734	2.1	1,896	0.3	2,266	0.4	13,346	2.4
423	Durable goods	2,556	0.7	6,365	1.8	1,316	0.4	1,520	0.4	8,458	2.4
4231	Motor Vehicle and Motor Vehicle Parts and Supplies.....	221	0.5	596	1.4	168	0.4	324	0.8	S	S
4232	Furniture and Home Furnishings	214	1.2	308	1.7	46	0.3	69	0.4	795	4.5
4233	Lumber & Other Construction Materials	197	0.8	693	2.9	64	0.3	73	0.3	278	1.2
4234	Professional and Commercial Equipment and Supplies	S	S	833	1.3	246	0.4	257	0.4	1,825	2.9
42343	Computer and Computer Peripheral Equipment and Software	S	S	256	1.1	100	0.4	S	S	651	2.8
4235	Metals and Minerals, ex. Petroleum	247	1.2	649	3.3	55	0.3	58	0.3	292	1.5
4236	Electrical Goods	335	0.6	644	1.2	353	0.6	268	0.5	1,444	2.6
4237	Hardware, and Plumbing and Heating Equipment and Supplies	237	0.9	459	1.7	119	0.4	94	0.4	S	S
4238	Machinery, Equipment, and Supplies	390	0.6	1,321	2.0	178	0.3	275	0.4	1,213	1.9
4239	Miscellaneous Durable Goods	244	0.7	864	2.4	85	0.2	102	0.3	997	2.8
424	Nondurable Goods	2,660	1.3	5,369	2.5	581	0.3	746	0.4	4,889	2.3
4241	Paper and Paper Products	241	1.5	230	1.4	60	0.4	42	0.3	338	2.0
4242	Drugs and Druggists' Sundries	S	S	S	S	S	S	S	S	S	S
4243	Apparel, Piece Goods, and Notions	367	1.2	322	1.0	90	0.3	157	0.5	1,226	4.0
4244	Groceries and Related products	927	1.6	2,140	3.7	110	0.2	240	0.4	800	1.4
4245	Farm Product Raw Materials	86	0.9	185	2.0	15	0.2	23	0.2	178	1.9
4246	Chemicals and Allied Products	186	1.1	474	2.8	53	0.3	56	0.3	328	1.9
4247	Petroleum and Petroleum Products	49	0.4	578	4.3	S	S	31	0.2	455	3.4
4248	Beer, Wine, and Distilled Alcoholic Beverages	52	0.3	434	2.2	52	0.3	33	0.2	116	0.6
4249	Miscellaneous Nondurable Goods	543	1.8	761	2.5	95	0.3	96	0.3	676	2.2

¹ Estimates include data only for businesses with paid employees.

² Other operating expenses exclude purchase of merchandise for resale; bad debt; capitalized expenses; interest expense; and income, sales, and excise taxes.

D Estimate in table is withheld to avoid disclosing data of individual companies; data are included in higher-level totals.

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see <http://www.census.gov/quality/standards/standardf1.html>.

Z Estimate is less than 0.05

Source of expenses data: 2007 Business Expenses Supplement to the Annual Wholesale Trade Survey.

Notes:

Table 5.1A provides associated estimated measures of sampling variability.

Estimates have not been adjusted for price changes. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions can be found on the Internet at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

The 2002 revision of NAICS redefined merchant wholesale to include manufacturers' sales branches and offices.

Table 5.1 Revised Estimated Detailed Operating Expenses of U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices¹ by Kind of Business: 2007-- cont.

[Dollar estimates are shown in millions of dollars. Estimates have been adjusted using final results of the 2007 Economic Census]

2002 NAICS code	Kind of business	Purchased communication services		Purchased repairs and maintenance to machinery and equipment		Purchased repairs and maintenance to buildings, structures, and offices		Lease and rental payments for machinery and equipment		Lease and rental payments for buildings, offices, stores	
		Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total
42	U.S. Merchant Wholesalers, except Manufacturers' Sales Branches and Offices	5,913	1.1	7,091	1.3	3,213	0.6	5,679	1.0	24,121	4.3
423	Durable goods	4,100	1.2	3,767	1.1	1,992	0.6	2,822	0.8	15,617	4.5
4231	Motor Vehicle and Motor Vehicle Parts and Supplies.....	381	0.9	350	0.8	186	0.4	201	0.5	1,656	3.9
4232	Furniture and Home Furnishings	173	1.0	100	0.6	71	0.4	174	1.0	1,337	7.6
4233	Lumber & Other Construction Materials	280	1.2	505	2.1	153	0.6	399	1.7	1,419	5.9
4234	Professional and Commercial Equipment and Supplies	812	1.3	294	0.5	411	0.7	291	0.5	2,325	3.8
42343	Computer and Computer Peripheral Equipment and Software	346	1.5	76	0.3	51	0.2	79	0.3	814	3.5
4235	Metals and Minerals, ex. Petroleum	184	0.9	361	1.8	114	0.6	343	1.7	756	3.8
4236	Electrical Goods	790	1.4	407	0.7	284	0.5	347	0.6	2,164	3.9
4237	Hardware, and Plumbing and Heating Equipment and Supplies	357	1.3	278	1.0	161	0.6	298	1.1	1,479	5.6
4238	Machinery, Equipment, and Supplies	808	1.2	763	1.2	462	0.7	492	0.8	2,655	4.1
4239	Miscellaneous Durable Goods	317	0.9	709	2.0	149	0.4	277	0.8	1,827	5.1
424	Nondurable Goods	1,812	0.9	3,324	1.6	1,221	0.6	2,857	1.3	8,504	4.0
4241	Paper and Paper Products	165	1.0	142	0.9	83	0.5	272	1.6	855	5.1
4242	Drugs and Druggists' Sundries	S	S	113	0.6	S	S	S	S	627	3.4
4243	Apparel, Piece Goods, and Notions	226	0.7	116	0.4	77	0.2	106	0.3	1,530	5.0
4244	Groceries and Related products	447	0.8	1,114	1.9	432	0.8	970	1.7	2,069	3.6
4245	Farm Product Raw Materials	79	0.9	362	4.0	127	1.4	139	1.5	156	1.7
4246	Chemicals and Allied Products	189	1.1	270	1.6	S	S	241	1.4	599	3.5
4247	Petroleum and Petroleum Products	127	0.9	432	3.2	108	0.8	350	2.6	598	4.5
4248	Beer, Wine, and Distilled Alcoholic Beverages	145	0.7	353	1.8	94	0.5	258	1.3	665	3.4
4249	Miscellaneous Nondurable Goods	292	1.0	420	1.4	106	0.3	402	1.3	1,405	4.6

¹ Estimates include data only for businesses with paid employees.

² Other operating expenses exclude purchase of merchandise for resale; bad debt; capitalized expenses; interest expense; and income, sales, and excise taxes.

D Estimate in table is withheld to avoid disclosing data of individual companies; data are included in higher-level totals.

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Z Estimate is less than 0.05

Source of expenses data: 2007 Business Expenses Supplement to the Annual Wholesale Trade Survey.

Notes:

Table 5.1A provides associated estimated measures of sampling variability.

Estimates have not been adjusted for price changes. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions can be found on the Internet at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

The 2002 revision of NAICS redefined merchant wholesale to include manufacturers' sales branches and offices.

Table 5.1 Revised Estimated Detailed Operating Expenses of U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices¹ by Kind of Business: 2007-- cont.

[Dollar estimates are shown in millions of dollars. Estimates have been adjusted using final results of the 2007 Economic Census]

2002 NAICS code	Kind of business	Purchased electricity		Purchased fuels (except motor fuels)		Water, sewer, refuse removal, and other utility payments		Purchased transportation, shipping and warehousing services		Purchased advertising and promotional services	
		Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total
42	U.S. Merchant Wholesalers, except Manufacturers' Sales Branches and Offices	5,693	1.0	2,400	0.4	1,406	0.3	27,930	5.0	22,986	4.1
423	Durable goods	2,995	0.9	1,274	0.4	913	0.3	16,704	4.8	15,704	4.5
4231	Motor Vehicle and Motor Vehicle Parts and Supplies.....	319	0.8	103	0.2	75	0.2	1,604	3.8	6,083	14.3
4232	Furniture and Home Furnishings	147	0.8	49	0.3	37	0.2	777	4.4	528	3.0
4233	Lumber & Other Construction Materials	296	1.2	221	0.9	102	0.4	1,223	5.1	382	1.6
4234	Professional and Commercial Equipment and Supplies	310	0.5	121	0.2	69	0.1	2,869	4.6	2,807	4.5
42343	Computer and Computer Peripheral Equipment and Software	76	0.3	S	S	12	Z	961	4.1	1,128	4.9
4235	Metals and Minerals, ex. Petroleum	242	1.2	114	0.6	55	0.3	1,467	7.4	212	1.1
4236	Electrical Goods	445	0.8	110	0.2	73	0.1	2,486	4.5	1,890	3.4
4237	Hardware, and Plumbing and Heating Equipment and Supplies	317	1.2	123	0.5	68	0.3	1,166	4.4	656	2.5
4238	Machinery, Equipment, and Supplies	583	0.9	220	0.3	111	0.2	2,446	3.8	1,211	1.9
4239	Miscellaneous Durable Goods	335	0.9	212	0.6	322	0.9	2,667	7.5	1,934	5.4
424	Nondurable Goods	2,698	1.3	1,126	0.5	492	0.2	11,225	5.3	7,281	3.4
4241	Paper and Paper Products	133	0.8	44	0.3	27	0.2	733	4.4	369	2.2
4242	Drugs and Druggists' Sundries	S	S	S	S	S	S	1,167	6.4	S	S
4243	Apparel, Piece Goods, and Notions	199	0.6	35	0.1	39	0.1	1,600	5.2	2,423	7.8
4244	Groceries and Related products	1,003	1.8	308	0.5	199	0.3	2,952	5.2	953	1.7
4245	Farm Product Raw Materials	229	2.5	196	2.1	20	0.2	S	S	74	0.8
4246	Chemicals and Allied Products	201	1.2	146	0.8	57	0.3	1,073	6.2	224	1.3
4247	Petroleum and Petroleum Products	223	1.7	120	0.9	26	0.2	630	4.7	70	0.5
4248	Beer, Wine, and Distilled Alcoholic Beverages	180	0.9	86	0.4	25	0.1	404	2.1	1,195	6.2
4249	Miscellaneous Nondurable Goods	391	1.3	173	0.6	69	0.2	S	S	713	2.3

¹ Estimates include data only for businesses with paid employees.

² Other operating expenses exclude purchase of merchandise for resale; bad debt; capitalized expenses; interest expense; and income, sales, and excise taxes.

D Estimate in table is withheld to avoid disclosing data of individual companies; data are included in higher-level totals.

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Z Estimate is less than 0.05

Source of expenses data: 2007 Business Expenses Supplement to the Annual Wholesale Trade Survey.

Notes:

Table 5.1A provides associated estimated measures of sampling variability.

Estimates have not been adjusted for price changes. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions can be found on the Internet at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

The 2002 revision of NAICS redefined merchant wholesale to include manufacturers' sales branches and offices.

Table 5.1 Revised Estimated Detailed Operating Expenses of U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices¹ by Kind of Business: 2007-- cont.

[Dollar estimates are shown in millions of dollars. Estimates have been adjusted using final results of the 2007 Economic Census]

2002 NAICS code	Kind of business	Purchased professional and technical services		Depreciation and amortization charges		Taxes and license fees		Other operating expenses ²	
		Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total
42	U.S. Merchant Wholesalers, except Manufacturers' Sales Branches and Offices	15,425	2.7	23,158	4.1	7,921	1.4	64,433	11.5
423	Durable goods	10,044	2.9	13,268	3.8	4,748	1.4	39,778	11.4
4231	Motor Vehicle and Motor Vehicle Parts and Supplies.....	1,243	2.9	1,834	4.3	713	1.7	S	S
4232	Furniture and Home Furnishings	428	2.4	547	3.1	212	1.2	2,623	14.9
4233	Lumber & Other Construction Materials	348	1.4	895	3.7	376	1.6	2,506	10.4
4234	Professional and Commercial Equipment and Supplies	2,827	4.6	2,271	3.7	499	0.8	S	S
42343	Computer and Computer Peripheral Equipment and Software	1,405	6.1	894	3.9	152	0.7	S	S
4235	Metals and Minerals, ex. Petroleum	461	2.3	793	4.0	370	1.9	1,965	9.9
4236	Electrical Goods	1,863	3.3	2,170	3.9	707	1.3	6,004	10.8
4237	Hardware, and Plumbing and Heating Equipment and Supplies	535	2.0	755	2.8	398	1.5	2,771	10.4
4238	Machinery, Equipment, and Supplies	1,404	2.2	2,461	3.8	917	1.4	6,448	10.0
4239	Miscellaneous Durable Goods	934	2.6	1,542	4.3	556	1.6	5,146	14.5
424	Nondurable Goods	5,381	2.5	9,890	4.6	3,173	1.5	24,655	11.6
4241	Paper and Paper Products	295	1.8	569	3.4	232	1.4	1,954	11.8
4242	Drugs and Druggists' Sundries	S	S	400	2.2	S	S	S	S
4243	Apparel, Piece Goods, and Notions	1,140	3.7	1,082	3.5	324	1.0	5,010	16.2
4244	Groceries and Related products	1,019	1.8	2,630	4.6	932	1.6	4,922	8.6
4245	Farm Product Raw Materials	229	2.5	819	9.0	201	2.2	S	S
4246	Chemicals and Allied Products	428	2.5	843	4.9	262	1.5	S	S
4247	Petroleum and Petroleum Products	261	2.0	1,276	9.6	289	2.2	1,525	11.4
4248	Beer, Wine, and Distilled Alcoholic Beverages	342	1.8	751	3.9	329	1.7	1,833	9.5
4249	Miscellaneous Nondurable Goods	802	2.6	1,519	4.9	354	1.2	S	S

¹ Estimates include data only for businesses with paid employees.

² Other operating expenses exclude purchase of merchandise for resale; bad debt; capitalized expenses; interest expense; and income, sales, and excise taxes.

D Estimate in table is withheld to avoid disclosing data of individual companies; data are included in higher-level totals.

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see <http://www.census.gov/quality/standards/standardf1.html>.

Z Estimate is less than 0.05

Source of expenses data: 2007 Business Expenses Supplement to the Annual Wholesale Trade Survey.

Notes:

Table 5.1A provides associated estimated measures of sampling variability.

Estimates have not been adjusted for price changes. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions can be found on the Internet at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

The 2002 revision of NAICS redefined merchant wholesale to include manufacturers' sales branches and offices.

Table 6. Estimated Sales and Commissions of Electronic Markets, Agents, Brokers, and Commission Merchants for the United States: 2004 through 2009

[Estimates are shown in millions of dollars and are based on data from the Annual Wholesale Trade Survey. Estimates have been adjusted using the final results of the 2007 Economic Census.]

2002 NAICS CODE	Data Item	2004^r	2005^r	2006^r	2007^r	2008^r	2009
4251	Total sales	521,757	531,955	596,616	626,717	654,669	581,016
4251	Sales on own account	6,787	7,462	8,616	10,785	9,237	8,909
4251	Sales made on the account of others	514,970	524,493	588,000	615,932	645,432	572,107
4251	Commissions received for sales made on the account of others						
4251	Amount	19,229	20,539	22,509	24,667	25,800	23,109
4251	As a percent of sales on the account of others	3.7	3.9	3.8	4.0	4.0	4.0
4251	Operating Expenses						
4251	Amount	15,090	15,726	18,542	20,098	20,492	18,910
4251	As a percent of total sales	2.9	3.0	3.1	3.2	3.1	3.3

Notes:

Estimates have not been adjusted for price changes. Table 6A provides estimated measures of sampling variability. Additional information on confidentiality protection, sampling error, sample design, and definitions may be found at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

Footnotes:

^r Revised data.

Table 7. Estimated Inventories of U.S. Merchant Wholesalers Held Inside and Outside the United States: 2005 through 2009

[Estimates are shown in millions of dollars and are based on data from the Annual Wholesale Trade Survey. Estimates have been adjusted using the final results of the 2007 Economic Census.]

2002 NAICS CODE	Kind of Business	2009				
		Total Inventories	Inventories Held Inside the United States		Inventories Held Outside the United States	
			Value	As Percent of Total Inventories	Value	As Percent of Total Inventories
42	U.S. Merchant Wholesalers	500,543	481,074	96.1	19,469	3.9
423	Durable goods	275,532	266,424	96.7	9,108	3.3
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	45,601	43,236	94.8	2,365	5.2
4232	Furniture and Home Furnishings	7,962	7,634	95.9	328	4.1
4233	Lumber & Other Construction Materials	13,636	13,398	98.3	238	1.7
4234	Professional and Commercial Equipment and Supplies	36,725	35,173	95.8	1,552	4.2
42343	Computer and Computer Peripheral Equipment and Software	13,377	D	D	D	D
4235	Metals and Minerals, ex. Petroleum	24,938	24,055	96.5	883	3.5
4236	Electrical Goods	38,041	36,320	95.5	1,721	4.5
4237	Hardware, and Plumbing and Heating Equipment and Supplies	16,910	16,620	98.3	290	1.7
4238	Machinery, Equipment, and Supplies	69,945	68,924	98.5	1,021	1.5
4239	Miscellaneous Durable Goods	21,774	21,064	96.7	710	3.3
424	Nondurable goods	225,011	214,650	95.4	10,361	4.6
4241	Paper and Paper Products	10,062	9,965	99.0	97	1.0
4242	Drugs and Druggists' Sundries	48,471	47,080	97.1	1,391	2.9
4243	Apparel, Piece Goods, and Notions	16,798	15,456	92.0	1,342	8.0
4244	Groceries and Related Products	34,768	33,944	97.6	S	S
4245	Farm Product Raw Materials	19,593	19,352	98.8	S	S
4246	Chemicals and Allied Products	15,295	14,990	98.0	305	2.0
4247	Petroleum and Petroleum Products	39,884	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	11,199	D	D	D	D
4249	Miscellaneous Nondurable Goods	28,941	28,653	99.0	288	1.0
42	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	389,160	374,867	96.3	14,293	3.7
423	Durable goods	227,322	219,600	96.6	7,722	3.4
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	35,194	33,160	94.2	2,034	5.8
4232	Furniture and Home Furnishings	6,361	6,088	95.7	273	4.3
4233	Lumber & Other Construction Materials	10,417	10,189	97.8	S	S
4234	Professional and Commercial Equipment and Supplies	27,854	26,615	95.6	1,239	4.4
42343	Computer and Computer Peripheral Equipment and Software	10,206	9,630	94.4	576	5.6
4235	Metals and Minerals, ex. Petroleum	18,957	18,210	96.1	747	3.9
4236	Electrical Goods	32,868	31,407	95.6	1,461	4.4
4237	Hardware, and Plumbing and Heating Equipment and Supplies	15,182	14,912	98.2	270	1.8
4238	Machinery, Equipment, and Supplies	59,507	58,698	98.6	809	1.4
4239	Miscellaneous Durable Goods	20,982	20,321	96.8	661	3.2
424	Nondurable goods	161,838	155,267	95.9	6,571	4.1
4241	Paper and Paper Products	6,875	6,803	99.0	72	1.0
4242	Drugs and Druggists' Sundries	32,157	31,901	99.2	256	0.8
4243	Apparel, Piece Goods, and Notions	15,571	14,397	92.5	1,174	7.5
4244	Groceries and Related Products	27,133	26,374	97.2	S	S
4245	Farm Product Raw Materials	19,593	19,352	98.8	S	S
4246	Chemicals and Allied Products	8,850	8,610	97.3	240	2.7
4247	Petroleum and Petroleum Products	19,880	16,484	82.9	3,396	17.1
4248	Beer, Wine, and Distilled Alcoholic Beverages	10,468	10,316	98.5	152	1.5
4249	Miscellaneous Nondurable Goods	21,311	21,030	98.7	281	1.3
42	U.S. Manufacturers' Sales Branches and Offices	111,383	106,207	95.4	5,176	4.6
423	Durable goods	48,210	46,824	97.1	1,386	2.9
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	10,407	10,076	96.8	331	3.2
4232	Furniture and Home Furnishings	S	1,546	S	55	S
4233	Lumber & Other Construction Materials	3,219	3,209	99.7	10	0.3
4234	Professional and Commercial Equipment and Supplies	8,871	8,558	96.5	313	3.5
42343	Computer and Computer Peripheral Equipment and Software	3,171	D	D	D	D
4235	Metals and Minerals, ex. Petroleum	5,981	5,845	97.7	S	S
4236	Electrical Goods	5,173	4,913	95.0	S	S
4237	Hardware, and Plumbing and Heating Equipment and Supplies	1,728	1,708	98.8	20	1.2
4238	Machinery, Equipment, and Supplies	10,438	S	S	S	S
4239	Miscellaneous Durable Goods	792	S	S	S	S
424	Nondurable goods	63,173	59,383	94.0	3,790	6.0
4241	Paper and Paper Products	3,187	3,162	99.2	25	0.8
4242	Drugs and Druggists' Sundries	16,314	15,179	93.0	1,135	7.0
4243	Apparel, Piece Goods, and Notions	1,227	1,059	86.3	168	13.7
4244	Groceries and Related Products	7,635	S	S	S	S
4246	Chemicals and Allied Products	6,445	6,380	99.0	S	S
4247	Petroleum and Petroleum Products	20,004	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	731	D	D	D	D
4249	Miscellaneous Nondurable Goods	7,630	7,623	99.9	7	0.1

Table 7. Estimated Inventories of U.S. Merchant Wholesalers Held Inside and Outside the United States: 2005 through 2009

[Estimates are shown in millions of dollars and are based on data from the Annual Wholesale Trade Survey. Estimates have been adjusted using the final results of the 2007 Economic Census.]

2002 NAICS CODE	Kind of Business	2008 ¹				
		Total Inventories	Inventories Held Inside the United States		Inventories Held Outside the United States	
			Value	As Percent of Total Inventories	Value	As Percent of Total Inventories
42	U.S. Merchant Wholesalers	562,869	542,432	96.4	20,437	3.6
423	Durable goods	331,011	320,156	96.7	10,855	3.3
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	58,757	55,671	94.7	3,086	5.3
4232	Furniture and Home Furnishings	9,621	9,314	96.8	307	3.2
4233	Lumber & Other Construction Materials	16,964	16,767	98.8	197	1.2
4234	Professional and Commercial Equipment and Supplies	39,645	38,251	96.5	1,394	3.5
42343	Computer and Computer Peripheral Equipment and Software	13,632	D	D	D	D
4235	Metals and Minerals, ex. Petroleum	37,159	35,937	96.7	1,222	3.3
4236	Electrical Goods	44,474	42,248	95.0	2,226	5.0
4237	Hardware, and Plumbing and Heating Equipment and Supplies	19,258	18,910	98.2	348	1.8
4238	Machinery, Equipment, and Supplies	79,880	78,685	98.5	1,195	1.5
4239	Miscellaneous Durable Goods	25,253	24,373	96.5	880	3.5
424	Nondurable goods	231,858	222,276	95.9	9,582	4.1
4241	Paper and Paper Products	11,391	11,325	99.4	66	0.6
4242	Drugs and Druggists' Sundries	55,701	54,612	98.0	1,089	2.0
4243	Apparel, Piece Goods, and Notions	20,864	18,773	90.0	2,091	10.0
4244	Groceries and Related Products	36,687	35,710	97.3	S	S
4245	Farm Product Raw Materials	17,403	17,222	99.0	S	S
4246	Chemicals and Allied Products	18,238	17,905	98.2	333	1.8
4247	Petroleum and Petroleum Products	28,712	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	11,714	D	D	D	D
4249	Miscellaneous Nondurable Goods	31,148	30,815	98.9	333	1.1
42	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	439,740	424,030	96.4	15,710	3.6
423	Durable goods	276,513	267,035	96.6	9,478	3.4
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	46,125	43,309	93.9	2,816	6.1
4232	Furniture and Home Furnishings	8,129	7,870	96.8	259	3.2
4233	Lumber & Other Construction Materials	12,982	12,798	98.6	S	S
4234	Professional and Commercial Equipment and Supplies	30,602	29,456	96.3	1,146	3.7
42343	Computer and Computer Peripheral Equipment and Software	10,540	9,951	94.4	589	5.6
4235	Metals and Minerals, ex. Petroleum	28,886	27,896	96.6	990	3.4
4236	Electrical Goods	38,415	36,431	94.8	1,984	5.2
4237	Hardware, and Plumbing and Heating Equipment and Supplies	17,345	17,013	98.1	332	1.9
4238	Machinery, Equipment, and Supplies	69,705	68,751	98.6	954	1.4
4239	Miscellaneous Durable Goods	24,324	23,511	96.7	813	3.3
424	Nondurable goods	163,227	156,995	96.2	6,232	3.8
4241	Paper and Paper Products	7,676	7,611	99.2	65	0.8
4242	Drugs and Druggists' Sundries	32,026	31,848	99.4	178	0.6
4243	Apparel, Piece Goods, and Notions	19,321	17,471	90.4	1,850	9.6
4244	Groceries and Related Products	28,582	27,680	96.8	S	S
4245	Farm Product Raw Materials	17,403	17,222	99.0	S	S
4246	Chemicals and Allied Products	10,492	10,219	97.4	273	2.6
4247	Petroleum and Petroleum Products	13,043	10,685	81.9	2,358	18.1
4248	Beer, Wine, and Distilled Alcoholic Beverages	10,971	10,866	99.0	S	S
4249	Miscellaneous Nondurable Goods	23,713	23,393	98.7	320	1.3
42	U.S. Manufacturers' Sales Branches and Offices	123,129	118,402	96.2	4,727	3.8
423	Durable goods	54,498	53,121	97.5	1,377	2.5
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	12,632	12,362	97.9	270	2.1
4232	Furniture and Home Furnishings	1,492	1,444	96.8	48	3.2
4233	Lumber & Other Construction Materials	3,982	3,969	99.7	13	0.3
4234	Professional and Commercial Equipment and Supplies	9,043	8,795	97.3	248	2.7
42343	Computer and Computer Peripheral Equipment and Software	3,092	D	D	D	D
4235	Metals and Minerals, ex. Petroleum	8,273	8,041	97.2	S	S
4236	Electrical Goods	6,059	5,817	96.0	S	S
4237	Hardware, and Plumbing and Heating Equipment and Supplies	1,913	1,897	99.2	16	0.8
4238	Machinery, Equipment, and Supplies	10,175	S	S	S	S
4239	Miscellaneous Durable Goods	929	862	92.8	67	7.2
424	Nondurable goods	68,631	65,281	95.1	3,350	4.9
4241	Paper and Paper Products	3,715	S	S	S	S
4242	Drugs and Druggists' Sundries	23,675	22,764	96.2	911	3.8
4243	Apparel, Piece Goods, and Notions	1,543	1,302	84.4	241	15.6
4244	Groceries and Related Products	8,105	8,030	99.1	75	0.9
4246	Chemicals and Allied Products	7,746	7,686	99.2	60	0.8
4247	Petroleum and Petroleum Products	15,669	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	743	D	D	D	D
4249	Miscellaneous Nondurable Goods	7,435	7,422	99.8	13	0.2

Table 7. Estimated Inventories of U.S. Merchant Wholesalers Held Inside and Outside the United States: 2005 through 2009

[Estimates are shown in millions of dollars and are based on data from the Annual Wholesale Trade Survey. Estimates have been adjusted using the final results of the 2007 Economic Census.]

2002 NAICS CODE	Kind of Business	2007 ^r				
		Total Inventories	Inventories Held Inside the United States		Inventories Held Outside the United States	
			Value	As Percent of Total Inventories	Value	As Percent of Total Inventories
42	U.S. Merchant Wholesalers	543,146	522,046	96.1	21,100	3.9
423	Durable goods	315,440	303,873	96.3	11,567	3.7
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	55,899	52,400	93.7	3,499	6.3
4232	Furniture and Home Furnishings	10,298	9,965	96.8	333	3.2
4233	Lumber & Other Construction Materials	17,820	17,603	98.8	217	1.2
4234	Professional and Commercial Equipment and Supplies	38,388	36,804	95.9	1,584	4.1
42343	Computer and Computer Peripheral Equipment and Software	13,052	12,258	93.9	794	6.1
4235	Metals and Minerals, ex. Petroleum	33,137	31,937	96.4	1,200	3.6
4236	Electrical Goods	42,795	40,487	94.6	2,308	5.4
4237	Hardware, and Plumbing and Heating Equipment and Supplies	19,941	19,675	98.7	266	1.3
4238	Machinery, Equipment, and Supplies	73,196	72,025	98.4	1,171	1.6
4239	Miscellaneous Durable Goods	23,966	22,977	95.9	989	4.1
424	Nondurable goods	227,706	218,173	95.8	9,533	4.2
4241	Paper and Paper Products	11,061	10,979	99.3	S	S
4242	Drugs and Druggists' Sundries	48,329	47,302	97.9	1,027	2.1
4243	Apparel, Piece Goods, and Notions	19,758	17,790	90.0	1,968	10.0
4244	Groceries and Related Products	34,005	32,954	96.9	S	S
4245	Farm Product Raw Materials	20,456	20,311	99.3	S	S
4246	Chemicals and Allied Products	17,160	16,914	98.6	246	1.4
4247	Petroleum and Petroleum Products	39,718	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	10,911	D	D	D	D
4249	Miscellaneous Nondurable Goods	26,308	S	S	S	S
42	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	425,031	409,372	96.3	15,659	3.7
423	Durable goods	262,511	252,344	96.1	10,167	3.9
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	42,115	38,975	92.5	3,140	7.5
4232	Furniture and Home Furnishings	8,496	8,217	96.7	279	3.3
4233	Lumber & Other Construction Materials	13,698	13,513	98.6	185	1.4
4234	Professional and Commercial Equipment and Supplies	30,236	28,925	95.7	1,311	4.3
42343	Computer and Computer Peripheral Equipment and Software	10,428	9,762	93.6	666	6.4
4235	Metals and Minerals, ex. Petroleum	25,210	24,252	96.2	958	3.8
4236	Electrical Goods	37,035	34,893	94.2	2,142	5.8
4237	Hardware, and Plumbing and Heating Equipment and Supplies	18,117	17,866	98.6	251	1.4
4238	Machinery, Equipment, and Supplies	64,518	63,536	98.5	982	1.5
4239	Miscellaneous Durable Goods	23,086	22,167	96.0	919	4.0
424	Nondurable goods	162,520	157,028	96.6	5,492	3.4
4241	Paper and Paper Products	7,342	7,269	99.0	S	S
4242	Drugs and Druggists' Sundries	31,665	31,483	99.4	182	0.6
4243	Apparel, Piece Goods, and Notions	18,065	16,326	90.4	1,739	9.6
4244	Groceries and Related Products	26,605	25,655	96.4	S	S
4245	Farm Product Raw Materials	20,456	20,311	99.3	S	S
4246	Chemicals and Allied Products	9,691	9,489	97.9	202	2.1
4247	Petroleum and Petroleum Products	17,105	15,306	89.5	1,799	10.5
4248	Beer, Wine, and Distilled Alcoholic Beverages	10,232	10,117	98.9	S	S
4249	Miscellaneous Nondurable Goods	21,359	S	S	S	S
42	U.S. Manufacturers' Sales Branches and Offices	118,115	112,674	95.4	5,441	4.6
423	Durable goods	52,929	51,529	97.4	1,400	2.6
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	13,784	13,425	97.4	359	2.6
4232	Furniture and Home Furnishings	1,802	1,748	97.0	54	3.0
4233	Lumber & Other Construction Materials	4,122	4,090	99.2	32	0.8
4234	Professional and Commercial Equipment and Supplies	8,152	7,879	96.7	273	3.3
42343	Computer and Computer Peripheral Equipment and Software	2,624	2,496	95.1	128	4.9
4235	Metals and Minerals, ex. Petroleum	7,927	7,685	96.9	S	S
4236	Electrical Goods	5,760	5,594	97.1	S	S
4237	Hardware, and Plumbing and Heating Equipment and Supplies	1,824	1,809	99.2	15	0.8
4238	Machinery, Equipment, and Supplies	8,678	S	S	S	S
4239	Miscellaneous Durable Goods	880	810	92.0	70	8.0
424	Nondurable goods	65,186	61,145	93.8	4,041	6.2
4241	Paper and Paper Products	3,719	3,710	99.8	9	0.2
4242	Drugs and Druggists' Sundries	16,664	15,819	94.9	845	5.1
4243	Apparel, Piece Goods, and Notions	1,693	1,464	86.5	229	13.5
4244	Groceries and Related Products	7,400	7,299	98.6	101	1.4
4246	Chemicals and Allied Products	7,469	7,425	99.4	44	0.6
4247	Petroleum and Petroleum Products	22,613	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	679	D	D	D	D
4249	Miscellaneous Nondurable Goods	4,949	4,884	98.7	65	1.3

Table 7. Estimated Inventories of U.S. Merchant Wholesalers Held Inside and Outside the United States: 2005 through 2009

[Estimates are shown in millions of dollars and are based on data from the Annual Wholesale Trade Survey. Estimates have been adjusted using the final results of the 2007 Economic Census.]

2002 NAICS CODE	Kind of Business	2006 ^r				
		Total Inventories	Inventories Held Inside the United States		Inventories Held Outside the United States	
			Value	As Percent of Total Inventories	Value	As Percent of Total Inventories
42	U.S. Merchant Wholesalers	512,414	493,275	96.3	19,139	3.7
423	Durable goods	307,245	296,030	96.3	11,215	3.7
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	53,166	49,616	93.3	3,550	6.7
4232	Furniture and Home Furnishings	10,075	9,760	96.9	315	3.1
4233	Lumber & Other Construction Materials	17,946	17,698	98.6	248	1.4
4234	Professional and Commercial Equipment and Supplies	37,912	36,223	95.5	1,689	4.5
42343	Computer and Computer Peripheral Equipment and Software	13,156	12,422	94.4	734	5.6
4235	Metals and Minerals, ex. Petroleum	33,936	32,969	97.2	967	2.8
4236	Electrical Goods	39,998	37,885	94.7	2,113	5.3
4237	Hardware, and Plumbing and Heating Equipment and Supplies	19,047	18,804	98.7	243	1.3
4238	Machinery, Equipment, and Supplies	70,630	69,417	98.3	1,213	1.7
4239	Miscellaneous Durable Goods	24,535	23,658	96.4	877	3.6
424	Nondurable goods	205,169	197,245	96.1	7,924	3.9
4241	Paper and Paper Products	10,745	S	S	S	S
4242	Drugs and Druggists' Sundries	48,174	47,120	97.8	1,054	2.2
4243	Apparel, Piece Goods, and Notions	19,524	17,745	90.9	1,779	9.1
4244	Groceries and Related Products	31,160	30,447	97.7	S	S
4245	Farm Product Raw Materials	14,253	14,086	98.8	S	S
4246	Chemicals and Allied Products	15,358	15,100	98.3	258	1.7
4247	Petroleum and Petroleum Products	33,017	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	9,642	9,540	98.9	S	S
4249	Miscellaneous Nondurable Goods	23,296	D	D	D	D
42	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	399,292	384,652	96.3	14,640	3.7
423	Durable goods	255,862	245,827	96.1	10,035	3.9
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	40,390	37,234	92.2	3,156	7.8
4232	Furniture and Home Furnishings	8,433	8,146	96.6	287	3.4
4233	Lumber & Other Construction Materials	14,458	14,223	98.4	235	1.6
4234	Professional and Commercial Equipment and Supplies	29,516	28,065	95.1	1,451	4.9
42343	Computer and Computer Peripheral Equipment and Software	10,576	9,967	94.2	S	S
4235	Metals and Minerals, ex. Petroleum	26,638	25,798	96.8	840	3.2
4236	Electrical Goods	34,372	32,363	94.2	2,009	5.8
4237	Hardware, and Plumbing and Heating Equipment and Supplies	17,167	16,939	98.7	228	1.3
4238	Machinery, Equipment, and Supplies	61,435	60,405	98.3	1,030	1.7
4239	Miscellaneous Durable Goods	23,453	22,654	96.6	799	3.4
424	Nondurable goods	143,430	138,825	96.8	4,605	3.2
4241	Paper and Paper Products	7,206	S	S	S	S
4242	Drugs and Druggists' Sundries	30,577	30,484	99.7	93	0.3
4243	Apparel, Piece Goods, and Notions	17,673	16,068	90.9	1,605	9.1
4244	Groceries and Related Products	24,078	23,506	97.6	S	S
4245	Farm Product Raw Materials	14,253	14,086	98.8	S	S
4246	Chemicals and Allied Products	8,580	8,364	97.5	216	2.5
4247	Petroleum and Petroleum Products	13,089	11,648	89.0	1,441	11.0
4248	Beer, Wine, and Distilled Alcoholic Beverages	9,076	8,974	98.9	S	S
4249	Miscellaneous Nondurable Goods	18,898	S	S	S	S
42	U.S. Manufacturers' Sales Branches and Offices	113,122	108,623	96.0	4,499	4.0
423	Durable goods	51,383	50,203	97.7	1,180	2.3
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	12,776	12,382	96.9	394	3.1
4232	Furniture and Home Furnishings	1,642	1,614	98.3	S	S
4233	Lumber & Other Construction Materials	3,488	3,475	99.6	13	0.4
4234	Professional and Commercial Equipment and Supplies	8,396	8,158	97.2	238	2.8
42343	Computer and Computer Peripheral Equipment and Software	2,580	2,455	95.2	125	4.8
4235	Metals and Minerals, ex. Petroleum	7,298	7,171	98.3	S	S
4236	Electrical Goods	5,626	5,522	98.2	104	1.8
4237	Hardware, and Plumbing and Heating Equipment and Supplies	1,880	1,865	99.2	15	0.8
4238	Machinery, Equipment, and Supplies	9,195	S	S	S	S
4239	Miscellaneous Durable Goods	1,082	S	S	S	S
424	Nondurable goods	61,739	58,420	94.6	3,319	5.4
4241	Paper and Paper Products	3,539	3,524	99.6	15	0.4
4242	Drugs and Druggists' Sundries	17,597	16,636	94.5	961	5.5
4243	Apparel, Piece Goods, and Notions	1,851	1,677	90.6	S	S
4244	Groceries and Related Products	7,082	6,941	98.0	S	S
4246	Chemicals and Allied Products	6,778	6,736	99.4	S	S
4247	Petroleum and Petroleum Products	19,928	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	566	566	100.0	Z	Z
4249	Miscellaneous Nondurable Goods	4,398	D	D	D	D

Table 7. Estimated Inventories of U.S. Merchant Wholesalers Held Inside and Outside the United States: 2005 through 2009

[Estimates are shown in millions of dollars and are based on data from the Annual Wholesale Trade Survey. Estimates have been adjusted using the final results of the 2007 Economic Census.]

2002 NAICS CODE	Kind of Business	2005 ¹				
		Total Inventories	Inventories Held Inside the United States		Inventories Held Outside the United States	
			Value	As Percent of Total Inventories	Value	As Percent of Total Inventories
42	U.S. Merchant Wholesalers	474,447	457,643	96.5	16,804	3.5
423	Durable goods	281,718	272,081	96.6	9,637	3.4
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	50,874	47,986	94.3	2,888	5.7
4232	Furniture and Home Furnishings	9,290	9,038	97.3	252	2.7
4233	Lumber & Other Construction Materials	17,230	16,908	98.1	S	S
4234	Professional and Commercial Equipment and Supplies	35,582	33,774	94.9	1,808	5.1
42343	Computer and Computer Peripheral Equipment and Software	12,693	11,919	93.9	774	6.1
4235	Metals and Minerals, ex. Petroleum	27,741	27,071	97.6	670	2.4
4236	Electrical Goods	35,848	34,045	95.0	1,803	5.0
4237	Hardware, and Plumbing and Heating Equipment and Supplies	16,963	16,807	99.1	S	S
4238	Machinery, Equipment, and Supplies	64,271	63,410	98.7	861	1.3
4239	Miscellaneous Durable Goods	23,919	23,042	96.3	877	3.7
424	Nondurable goods	192,729	185,562	96.3	7,167	3.7
4241	Paper and Paper Products	10,202	10,042	98.4	160	1.6
4242	Drugs and Druggists' Sundries	46,156	45,189	97.9	967	2.1
4243	Apparel, Piece Goods, and Notions	19,040	17,778	93.4	1,262	6.6
4244	Groceries and Related Products	28,790	28,072	97.5	S	S
4245	Farm Product Raw Materials	11,177	11,045	98.8	S	S
4246	Chemicals and Allied Products	14,627	14,408	98.5	219	1.5
4247	Petroleum and Petroleum Products	29,809	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	8,959	D	D	D	D
4249	Miscellaneous Nondurable Goods	23,969	23,647	98.7	322	1.3
42	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	368,761	356,290	96.6	12,471	3.4
423	Durable goods	233,138	224,622	96.3	8,516	3.7
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	37,800	35,275	93.3	2,525	6.7
4232	Furniture and Home Furnishings	7,818	7,593	97.1	225	2.9
4233	Lumber & Other Construction Materials	14,197	13,901	97.9	S	S
4234	Professional and Commercial Equipment and Supplies	27,306	25,759	94.3	1,547	5.7
42343	Computer and Computer Peripheral Equipment and Software	10,123	9,489	93.7	S	S
4235	Metals and Minerals, ex. Petroleum	21,109	20,521	97.2	588	2.8
4236	Electrical Goods	30,481	28,768	94.4	1,713	5.6
4237	Hardware, and Plumbing and Heating Equipment and Supplies	15,301	15,149	99.0	S	S
4238	Machinery, Equipment, and Supplies	56,317	55,644	98.8	673	1.2
4239	Miscellaneous Durable Goods	22,809	22,012	96.5	797	3.5
424	Nondurable goods	135,623	131,668	97.1	3,955	2.9
4241	Paper and Paper Products	7,081	6,929	97.9	S	S
4242	Drugs and Druggists' Sundries	29,726	29,616	99.6	110	0.4
4243	Apparel, Piece Goods, and Notions	17,173	16,034	93.4	1,139	6.6
4244	Groceries and Related Products	22,440	21,816	97.2	S	S
4245	Farm Product Raw Materials	11,177	11,045	98.8	S	S
4246	Chemicals and Allied Products	8,376	8,187	97.7	189	2.3
4247	Petroleum and Petroleum Products	12,232	11,022	90.1	1,210	9.9
4248	Beer, Wine, and Distilled Alcoholic Beverages	8,362	8,246	98.6	S	S
4249	Miscellaneous Nondurable Goods	19,056	18,773	98.5	283	1.5
42	U.S. Manufacturers' Sales Branches and Offices	105,686	101,353	95.9	4,333	4.1
423	Durable goods	48,580	47,459	97.7	1,121	2.3
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	13,074	12,711	97.2	363	2.8
4232	Furniture and Home Furnishings	1,472	1,445	98.2	27	1.8
4233	Lumber & Other Construction Materials	3,033	3,007	99.1	26	0.9
4234	Professional and Commercial Equipment and Supplies	8,276	8,015	96.8	261	3.2
42343	Computer and Computer Peripheral Equipment and Software	2,570	S	S	S	S
4235	Metals and Minerals, ex. Petroleum	6,632	6,550	98.8	S	S
4236	Electrical Goods	5,367	S	S	S	S
4237	Hardware, and Plumbing and Heating Equipment and Supplies	1,662	1,658	99.8	S	S
4238	Machinery, Equipment, and Supplies	7,954	7,766	97.6	188	2.4
4239	Miscellaneous Durable Goods	1,110	S	S	S	S
424	Nondurable goods	57,106	53,894	94.4	3,212	5.6
4241	Paper and Paper Products	3,121	3,113	99.7	8	0.3
4242	Drugs and Druggists' Sundries	16,430	15,573	94.8	857	5.2
4243	Apparel, Piece Goods, and Notions	1,867	1,744	93.4	S	S
4244	Groceries and Related Products	6,350	6,256	98.5	94	1.5
4246	Chemicals and Allied Products	6,251	6,221	99.5	S	S
4247	Petroleum and Petroleum Products	17,577	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	597	D	D	D	D
4249	Miscellaneous Nondurable Goods	4,913	4,874	99.2	39	0.8

Table 7. Estimated Inventories of U.S. Merchant Wholesalers Held Inside and Outside the United States: 2005 through 2009

[Estimates are shown in millions of dollars and are based on data from the Annual Wholesale Trade Survey. Estimates have been adjusted using the final results of the 2007 Economic Census.]

Notes:

Z - Estimate is less than five hundred thousand dollars or 0.05%

D - Denotes an estimate withheld to avoid disclosing data of individual companies; data are included in higher level totals.

S - Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see <http://www.census.gov/quality/standards/standardf1.html>.

There are no manufacturers' sales branches and offices in NAICS code 4245.

Estimates have not been adjusted for price changes. Table 7A provides estimated measures of sampling variability. Additional information on confidentiality protection, sampling error, sample design, and definitions may be found at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

Footnote:

^r Revised data.

Table 1A. Estimated Measures of Sampling Variability¹ for Sales and Inventories of U.S. Merchant Wholesalers: 2002 through 2009

[Estimates are shown as percents and are based on data from the Annual Wholesale Trade Survey.]

2002 NAICS CODE	Data Item	Kind of Business	Estimated Measures of Sampling Variability ¹							
			2002	2003	2004 ^r	2005 ^r	2006 ^r	2007 ^r	2008 ^r	2009
42	Sales	U.S. Merchant Wholesalers	0.0	0.4	0.5	0.5	0.6	0.0	0.3	0.3
423	Sales	Durable goods	0.0	0.6	0.7	0.6	0.7	0.0	0.4	0.4
4231	Sales	Motor Vehicle and Motor Vehicle Parts and Supplies	0.0	0.3	0.5	0.8	0.8	0.0	0.8	1.1
4232	Sales	Furniture and Home Furnishings	0.0	1.0	2.6	2.9	3.3	0.0	1.8	2.5
4233	Sales	Lumber & Other Construction Materials	0.0	2.4	2.7	2.8	3.4	0.0	2.1	3.0
4234	Sales	Professional and Commercial Equipment and Supplies	0.0	1.2	1.7	1.8	2.2	0.0	0.6	1.0
42343	Sales	Computer and Computer Peripheral Equipment and Software	0.0	1.6	2.4	2.6	2.7	0.0	0.8	1.2
4235	Sales	Metals and Minerals, ex. Petroleum	0.0	0.9	1.8	2.1	2.4	0.0	1.6	1.1
4236	Sales	Electrical Goods	0.0	1.5	2.3	2.3	2.5	0.0	0.7	1.2
4237	Sales	Hardware, and Plumbing and Heating Equipment and Supplies	0.0	0.7	1.3	1.8	2.2	0.0	0.7	1.3
4238	Sales	Machinery, Equipment, and Supplies	0.0	0.9	1.9	1.9	1.9	0.0	1.8	1.7
4239	Sales	Miscellaneous Durable Goods	0.0	2.2	3.7	3.3	3.6	0.0	1.6	2.2
424	Sales	Nondurable goods	0.0	0.6	0.7	0.8	1.0	0.0	0.4	0.5
4241	Sales	Paper and Paper Products	0.0	1.1	2.3	2.6	2.9	0.0	0.8	1.4
4242	Sales	Drugs and Druggists' Sundries	0.0	1.0	1.4	1.5	1.5	0.0	1.2	1.1
4243	Sales	Apparel, Piece Goods, and Notions	0.0	1.3	2.5	2.8	2.7	0.0	1.6	2.2
4244	Sales	Groceries and Related Products	0.0	1.8	2.0	2.0	2.3	0.0	1.2	1.5
4245	Sales	Farm Product Raw Materials	0.0	2.8	3.5	3.9	4.0	0.0	1.0	1.4
4246	Sales	Chemicals and Allied Products	0.0	0.9	4.2	3.8	4.0	0.0	1.0	1.4
4247	Sales	Petroleum and Petroleum Products	0.0	0.9	1.6	1.8	2.7	0.0	0.8	1.5
4248	Sales	Beer, Wine, and Distilled Alcoholic Beverages	0.0	1.0	1.7	1.9	2.0	0.0	1.3	3.7
4249	Sales	Miscellaneous Nondurable Goods	0.0	2.3	3.1	3.0	2.8	0.0	1.1	1.5
42	Inventories	U.S. Merchant Wholesalers	0.8	0.9	1.0	1.0	1.0	0.8	0.9	0.8
423	Inventories	Durable goods	1.1	1.3	1.6	1.4	1.2	1.2	1.4	1.4
4231	Inventories	Motor Vehicle and Motor Vehicle Parts and Supplies	1.7	1.8	1.5	1.8	1.3	1.4	1.8	2.0
4232	Inventories	Furniture and Home Furnishings	3.7	3.7	3.0	3.7	3.8	1.8	1.4	2.7
4233	Inventories	Lumber & Other Construction Materials	3.0	3.8	4.1	4.2	4.5	3.3	3.6	4.1
4234	Inventories	Professional and Commercial Equipment and Supplies	5.2	5.5	2.6	2.8	3.0	2.5	2.7	3.4
42343	Inventories	Computer and Computer Peripheral Equipment and Software	4.8	7.6	4.6	3.9	3.8	3.0	3.5	5.1
4235	Inventories	Metals and Minerals, ex. Petroleum	3.1	3.6	3.0	3.4	3.5	2.4	2.4	2.1
4236	Inventories	Electrical Goods	3.5	4.4	3.6	3.1	3.5	2.0	2.3	3.1
4237	Inventories	Hardware, and Plumbing and Heating Equipment and Supplies	3.0	3.4	3.0	3.1	3.7	2.2	2.5	3.0
4238	Inventories	Machinery, Equipment, and Supplies	1.5	2.4	3.5	3.3	2.9	3.0	3.3	3.8
4239	Inventories	Miscellaneous Durable Goods	3.1	5.2	8.0	7.2	6.0	3.8	3.8	3.9
424	Inventories	Nondurable goods	1.0	1.0	1.0	1.1	1.3	1.1	1.2	1.3
4241	Inventories	Paper and Paper Products	2.2	2.6	3.4	3.7	3.5	2.1	2.8	2.9
4242	Inventories	Drugs and Druggists' Sundries	2.1	2.0	2.1	2.3	2.5	2.3	1.9	1.7
4243	Inventories	Apparel, Piece Goods, and Notions	3.2	3.9	4.5	5.1	4.9	4.2	4.0	4.3
4244	Inventories	Groceries and Related Products	2.9	4.1	4.7	4.7	5.2	4.7	6.6	6.7
4245	Inventories	Farm Product Raw Materials	6.3	9.0	4.1	6.0	5.5	4.1	5.3	4.1
4246	Inventories	Chemicals and Allied Products	3.3	3.9	6.0	6.2	7.4	3.5	4.6	4.7
4247	Inventories	Petroleum and Petroleum Products	1.3	1.7	1.9	1.8	1.9	2.4	2.1	2.5
4248	Inventories	Beer, Wine, and Distilled Alcoholic Beverages	2.1	2.5	4.3	3.9	2.8	3.0	4.3	4.7
4249	Inventories	Miscellaneous Nondurable Goods	4.6	5.0	4.5	4.6	4.6	2.9	3.0	3.2

Notes:

Estimates of 2002 and 2007 sales have coefficients of variation equal to zero because the survey estimates are benchmarked to 2002 and 2007 Economic Census totals, which have no sampling variability.

Additional information on confidentiality protection, sampling error, sample design, and definitions may be found at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

Footnote:

¹ Estimates of sampling variability for sales and inventories are measured using coefficients of variation.

^r Revised data.

Table 2A. Estimated Measures of Sampling Variability¹ for Sales and Inventories of U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices: 1998 through 2009

[Estimates are shown as percents and are based on data from the Annual Wholesale Trade Survey.]

2002 NAICS CODE	Data Item	Kind of Business												
			1998 ^r	1999 ^r	2000 ^r	2001 ^r	2002 ^r	2003 ^r	2004 ^r	2005 ^r	2006 ^r	2007 ^r	2008 ^r	2009
42	Sales	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	0.7	0.8	0.9	1.0	0.0	0.5	0.7	0.8	0.9	0.0	0.4	0.3
423	Sales	Durable goods	1.0	1.0	1.1	1.5	0.0	0.8	1.0	1.0	1.1	0.0	0.4	0.5
4231	Sales	Motor Vehicle and Motor Vehicle Parts and Supplies	2.6	2.6	2.8	3.1	0.0	0.8	1.2	1.6	1.7	0.0	0.9	1.3
4232	Sales	Furniture and Home Furnishings	2.4	2.5	2.3	3.2	0.0	1.4	3.0	3.4	4.0	0.0	1.9	2.8
4233	Sales	Lumber & Other Construction Materials	2.5	2.5	3.5	7.3	0.0	2.9	3.2	3.3	3.7	0.0	1.3	1.5
4234	Sales	Professional and Commercial Equipment and Supplies	2.6	2.8	3.4	4.0	0.0	1.9	2.3	2.6	3.2	0.0	0.8	1.3
42343	Sales	Computer and Computer Peripheral Equipment and Software	3.8	4.5	5.8	6.8	0.0	1.9	2.8	3.2	3.6	0.0	1.2	1.8
4235	Sales	Metals and Minerals, ex. Petroleum	2.0	2.5	3.2	3.3	0.0	1.4	2.4	2.8	3.1	0.0	2.1	1.4
4236	Sales	Electrical Goods	2.3	2.3	2.3	3.6	0.0	2.0	3.1	3.2	3.6	0.0	0.8	1.5
4237	Sales	Hardware, and Plumbing and Heating Equipment and Supplies	1.2	1.2	1.7	2.2	0.0	0.9	1.6	2.3	2.6	0.0	0.8	1.6
4238	Sales	Machinery, Equipment, and Supplies	2.0	2.3	2.8	3.3	0.0	1.0	1.6	1.6	1.7	0.0	1.5	1.7
4239	Sales	Miscellaneous Durable Goods	2.9	2.8	3.1	4.0	0.0	2.4	3.7	3.3	3.1	0.0	1.5	2.4
424	Sales	Nondurable goods	0.8	1.1	1.3	1.1	0.0	0.7	0.9	1.1	1.3	0.0	0.6	0.6
4241	Sales	Paper and Paper Products	1.4	1.9	2.4	2.3	0.0	1.7	3.6	3.9	4.6	0.0	1.1	2.1
4242	Sales	Drugs and Druggists' Sundries	2.0	2.0	2.5	2.8	0.0	1.5	1.9	2.2	2.3	0.0	1.8	1.6
4243	Sales	Apparel, Piece Goods, and Notions	2.4	2.8	3.4	4.3	0.0	1.4	2.0	2.1	2.0	0.0	1.4	2.1
4244	Sales	Groceries and Related Products	1.3	1.7	1.7	2.3	0.0	1.4	1.7	1.9	2.4	0.0	1.4	2.0
4245	Sales	Farm Product Raw Materials	3.3	3.5	3.8	4.4	0.0	2.8	3.5	3.9	4.0	0.0	1.0	1.4
4246	Sales	Chemicals and Allied Products	2.4	3.0	3.4	4.1	0.0	1.4	2.5	2.5	3.6	0.0	1.1	1.6
4247	Sales	Petroleum and Petroleum Products	4.4	4.7	4.5	4.1	0.0	1.4	2.6	2.9	4.2	0.0	1.2	2.2
4248	Sales	Beer, Wine, and Distilled Alcoholic Beverages	1.0	1.4	1.9	2.6	0.0	1.1	1.9	2.1	2.2	0.0	1.4	4.1
4249	Sales	Miscellaneous Nondurable Goods	3.2	4.7	4.5	5.3	0.0	3.2	4.1	3.9	3.6	0.0	1.3	1.8
42	Inventories	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	1.2	1.1	1.2	1.4	0.9	1.0	1.2	1.2	1.2	0.8	0.9	1.0
423	Inventories	Durable goods	1.5	1.4	1.6	1.9	1.2	1.4	1.9	1.8	1.5	1.3	1.4	1.5
4231	Inventories	Motor Vehicle and Motor Vehicle Parts and Supplies	2.7	3.2	2.8	2.2	1.9	2.4	2.4	2.8	2.0	1.8	2.2	2.5
4232	Inventories	Furniture and Home Furnishings	4.0	3.9	4.3	5.2	4.0	4.0	3.7	4.2	4.4	2.3	1.4	3.2
4233	Inventories	Lumber & Other Construction Materials	4.0	3.9	4.2	4.1	3.5	4.3	4.3	4.4	4.6	3.0	3.0	3.7
4234	Inventories	Professional and Commercial Equipment and Supplies	4.0	4.0	5.2	6.5	5.9	6.3	3.5	3.7	4.0	3.1	3.4	4.4
42343	Inventories	Computer and Computer Peripheral Equipment and Software	5.0	4.5	6.6	10.9	4.8	8.0	5.8	4.9	4.6	3.6	4.3	6.6
4235	Inventories	Metals and Minerals, ex. Petroleum	4.1	4.2	4.3	4.5	3.0	3.5	3.6	4.4	4.1	3.3	3.4	3.0
4236	Inventories	Electrical Goods	2.9	2.8	2.6	3.3	3.0	4.2	4.3	4.0	4.4	2.1	2.5	3.4
4237	Inventories	Hardware, and Plumbing and Heating Equipment and Supplies	2.5	3.1	3.7	5.2	3.2	3.7	3.5	3.7	4.0	2.1	2.4	2.6
4238	Inventories	Machinery, Equipment, and Supplies	2.8	3.3	3.7	3.7	1.4	2.0	3.8	3.6	3.1	3.3	3.6	4.2
4239	Inventories	Miscellaneous Durable Goods	3.9	3.7	3.8	4.1	3.1	5.2	8.6	7.7	6.3	4.1	3.8	4.1
424	Inventories	Nondurable goods	1.4	1.5	1.4	1.6	1.1	1.3	1.2	1.3	1.6	1.3	1.5	1.6
4241	Inventories	Paper and Paper Products	3.1	3.4	3.8	3.4	2.5	3.0	4.4	4.8	5.1	2.8	3.6	3.8
4242	Inventories	Drugs and Druggists' Sundries	2.5	3.1	3.3	3.3	2.2	2.1	2.5	2.7	3.1	3.3	3.0	2.6
4243	Inventories	Apparel, Piece Goods, and Notions	3.3	3.2	3.6	3.8	3.4	3.9	3.2	3.6	3.6	3.8	3.7	3.9
4244	Inventories	Groceries and Related Products	2.8	2.7	2.8	3.7	3.0	3.5	5.7	5.8	6.4	5.4	7.6	7.7
4245	Inventories	Farm Product Raw Materials	4.3	5.8	8.1	9.3	6.3	9.0	4.1	6.0	5.5	4.1	5.3	4.1
4246	Inventories	Chemicals and Allied Products	4.3	4.0	4.4	4.6	3.8	4.5	4.1	4.3	5.6	3.8	5.7	5.4
4247	Inventories	Petroleum and Petroleum Products	4.3	4.4	4.0	4.3	2.2	2.9	4.2	3.9	4.2	4.5	3.7	4.1
4248	Inventories	Beer, Wine, and Distilled Alcoholic Beverages	1.9	2.1	2.5	3.2	2.3	2.7	4.6	4.2	3.0	3.2	4.6	5.0
4249	Inventories	Miscellaneous Nondurable Goods	5.4	6.1	6.2	5.5	5.3	5.6	5.5	5.3	4.9	3.0	3.2	4.1

Note:

Estimates of 2002 and 2007 sales have coefficients of variation equal to zero because the survey estimates are benchmarked to 2002 and 2007 Economic Census totals, which have no sampling variability.

Additional information on confidentiality protection, sampling error, sample design, and definitions may be found at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

Footnote:

¹ Estimates of sampling variability for sales and inventories are measured using coefficients of variation.

^r Revised data.

Table 3A. Estimated Measures of Sampling Variability¹ for Sales and Inventories of Manufacturers' Sales Branches and Offices: 2002 through 2009

[Estimates are shown as percents and are based on data from the Annual Wholesale Trade Survey.]

2002 NAICS CODE	Data Item	Kind of Business	Estimated Measures of Sampling Variability ¹							
			2002 [†]	2003 [†]	2004 [†]	2005 [†]	2006 [†]	2007 [†]	2008 [†]	2009
42	Sales	U.S. Manufacturers' Sales Branches and Offices	0.0	0.4	0.5	0.6	0.7	0.0	0.6	0.6
423	Sales	Durable goods	0.0	0.3	0.6	0.8	1.0	0.0	1.2	1.2
4231	Sales	Motor Vehicle and Motor Vehicle Parts and Supplies	0.0	0.1	0.6	0.9	1.0	0.0	1.4	1.5
4232	Sales	Furniture and Home Furnishings	0.0	0.1	2.7	2.7	3.3	0.0	2.5	S
4233	Sales	Lumber & Other Construction Materials	0.0	0.6	6.3	6.6	7.9	0.0	8.9	10.4
4234	Sales	Professional and Commercial Equipment and Supplies	0.0	0.3	1.7	1.8	1.8	0.0	0.1	0.2
42343	Sales	Computer and Computer Peripheral Equipment and Software	0.0	3.3	2.5	2.6	2.5	0.0	0.1	0.3
4235	Sales	Metals and Minerals, ex. Petroleum	0.0	0.7	1.3	1.4	1.8	0.0	0.6	0.9
4236	Sales	Electrical Goods	0.0	1.4	2.0	2.3	S	0.0	S	0.9
4237	Sales	Hardware, and Plumbing and Heating Equipment and Supplies	0.0	0.3	0.7	1.0	1.9	0.0	0.6	1.2
4238	Sales	Machinery, Equipment, and Supplies	0.0	1.6	3.5	3.5	4.1	0.0	6.2	5.2
4239	Sales	Miscellaneous Durable Goods	0.0	S	19.6	20.2	19.9	0.0	21.3	17.3
424	Sales	Nondurable goods	0.0	0.9	1.0	1.0	1.1	0.0	0.5	0.6
4241	Sales	Paper and Paper Products	0.0	0.5	S	0.4	0.7	0.0	0.4	0.7
4242	Sales	Drugs and Druggists' Sundries	0.0	0.2	0.8	0.8	0.9	0.0	0.4	1.2
4243	Sales	Apparel, Piece Goods, and Notions	0.0	3.0	15.7	17.0	17.7	0.0	18.3	21.0
4244	Sales	Groceries and Related Products	0.0	3.7	3.6	3.4	3.3	0.0	1.7	1.4
4246	Sales	Chemicals and Allied Products	0.0	0.5	8.7	8.1	8.1	0.0	1.7	1.6
4247	Sales	Petroleum and Petroleum Products	0.0	Z	0.2	0.4	0.3	0.0	0.3	0.5
4248	Sales	Beer, Wine, and Distilled Alcoholic Beverages	0.0	Z	0.1	0.2	S	0.0	0.1	0.1
4249	Sales	Miscellaneous Nondurable Goods	0.0	0.5	0.5	0.9	1.0	0.0	1.6	1.8
42	Inventories	U.S. Manufacturers' Sales Branches and Offices	2.4	2.6	1.5	1.4	1.6	1.3	1.2	1.3
423	Inventories	Durable goods	2.8	2.1	1.6	1.5	2.1	1.4	1.7	1.7
4231	Inventories	Motor Vehicle and Motor Vehicle Parts and Supplies	2.2	1.3	2.4	2.3	2.3	1.6	1.6	1.7
4232	Inventories	Furniture and Home Furnishings	2.4	2.7	6.6	3.8	4.4	2.4	3.2	S
4233	Inventories	Lumber & Other Construction Materials	2.9	2.7	7.8	7.5	7.5	7.7	10.4	10.4
4234	Inventories	Professional and Commercial Equipment and Supplies	5.5	5.1	2.3	2.4	2.4	1.8	1.7	1.5
42343	Inventories	Computer and Computer Peripheral Equipment and Software	14.0	11.4	4.5	5.2	4.9	3.9	3.5	2.9
4235	Inventories	Metals and Minerals, ex. Petroleum	7.4	7.1	3.1	3.0	3.4	3.8	4.0	3.2
4236	Inventories	Electrical Goods	13.1	12.5	6.5	5.0	6.7	3.8	4.1	3.4
4237	Inventories	Hardware, and Plumbing and Heating Equipment and Supplies	5.8	4.5	7.0	6.1	7.7	7.8	8.2	10.1
4238	Inventories	Machinery, Equipment, and Supplies	14.4	13.7	5.8	5.4	5.7	4.8	5.5	4.8
4239	Inventories	Miscellaneous Durable Goods	S	S	14.8	14.1	13.6	13.9	16.4	17.9
424	Inventories	Nondurable goods	2.7	4.2	2.4	2.3	2.7	1.7	1.6	1.6
4241	Inventories	Paper and Paper Products	5.1	5.3	S	2.1	2.0	2.1	2.2	2.2
4242	Inventories	Drugs and Druggists' Sundries	14.0	14.3	2.3	2.3	2.3	1.9	2.2	2.2
4243	Inventories	Apparel, Piece Goods, and Notions	10.1	9.7	22.5	22.6	21.1	22.6	22.8	28.8
4244	Inventories	Groceries and Related Products	7.9	18.0	7.7	7.3	8.1	6.2	8.9	9.3
4246	Inventories	Chemicals and Allied Products	5.3	5.8	13.1	13.3	14.8	5.2	6.0	7.0
4247	Inventories	Petroleum and Petroleum Products	1.0	1.0	1.4	1.6	1.7	1.7	1.5	1.6
4248	Inventories	Beer, Wine, and Distilled Alcoholic Beverages	Z	Z	1.9	1.8	1.8	2.0	2.1	2.1
4249	Inventories	Miscellaneous Nondurable Goods	5.1	6.1	6.8	7.4	7.2	7.2	5.6	5.6

Notes:

Z - Estimate is less than 0.05%.

S - Corresponding estimate in Table 3 does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see <http://www.census.gov/quality/standards/standardf1.html>.

There are no manufacturers' sales branches and offices in NAICS code 4245.

Estimates of 2002 and 2007 sales have coefficients of variation equal to zero because the survey estimates are benchmarked to 2002 and 2007 Economic Census totals, which have no sampling variability.

Additional information on confidentiality protection, sampling error, sample design, and definitions may be found at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

Footnote:

¹ Estimates of sampling variability for sales and inventories are measured using coefficients of variation.

[†] Revised data.

Table 4A. Estimated Measures of Sampling Variability¹ for Annual Purchases, Gross Margins, and Gross Margins as a Percent of Sales for U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices: 1998 Through 2009

[Estimates are shown as percentages and are based on data from the Annual Wholesale Trade Survey.]

2002 NAICS CODE	Data Item	Kind of Business	1998 ¹	1999 ¹	2000 ¹	2001 ¹	2002 ¹	2003 ¹	2004 ¹	2005 ¹	2006 ¹	2007 ¹	2008 ¹	2009
42	Purchases	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	0.6	0.8	0.9	1.0	0.4	0.6	0.7	0.7	0.9	0.2	0.4	0.4
423	Purchases	Durable goods	1.0	1.1	1.3	1.5	0.6	1.0	1.1	1.0	1.0	0.2	0.5	0.6
4231	Purchases	Motor Vehicle and Motor Vehicle Parts and Supplies	3.0	3.0	3.1	3.6	0.7	0.9	1.2	1.7	1.8	0.3	0.9	1.4
4232	Purchases	Furniture and Home Furnishings:	2.3	2.1	2.1	3.2	0.7	1.6	3.2	3.6	4.2	0.9	2.2	3.0
4233	Purchases	Lumber & Other Construction Materials:	2.3	2.4	3.7	8.6	2.3	3.4	3.1	3.1	3.6	0.7	1.4	1.5
4234	Purchases	Professional and Commercial Equipment and Supplies	2.5	2.7	3.5	4.2	2.5	2.5	2.5	2.7	3.3	0.5	0.8	1.4
42343	Purchases	Computer and Computer Peripheral Equipment and Software	3.6	4.4	5.8	6.8	1.5	2.1	3.0	3.3	3.4	0.5	1.5	2.4
4235	Purchases	Metals and Minerals, ex. Petroleum	2.2	2.9	3.5	3.7	1.0	1.8	2.5	2.7	3.0	0.9	2.4	1.5
4236	Purchases	Electrical Goods	2.3	2.4	2.4	3.7	0.5	1.9	3.3	3.3	3.7	0.4	0.9	1.5
4237	Purchases	Hardware, and Plumbing and Heating Equipment and Supplies	1.3	1.2	2.0	2.4	1.0	1.2	1.8	2.4	2.8	0.8	1.3	2.2
4238	Purchases	Machinery, Equipment, and Supplies:	2.2	2.4	3.0	3.5	1.2	1.3	2.0	2.3	2.0	0.9	2.2	2.1
4239	Purchases	Miscellaneous Durable Goods	2.5	2.6	3.3	4.5	1.7	3.2	3.8	3.3	2.8	1.5	1.9	3.2
424	Purchases	Nondurable goods	0.7	1.0	1.2	1.0	0.4	0.7	1.0	1.2	1.4	0.3	0.6	0.7
4241	Purchases	Paper and Paper Products	1.6	2.2	2.7	2.5	0.7	2.0	3.6	3.8	4.5	1.0	1.5	2.2
4242	Purchases	Drugs and Druggists' Sundries	2.1	2.0	2.3	2.6	0.6	1.7	3.6	2.1	2.2	0.7	1.9	1.6
4243	Purchases	Apparel, Piece Goods, and Notions	2.5	2.8	3.5	4.5	1.2	1.6	2.3	2.4	2.2	0.8	2.0	2.7
4244	Purchases	Groceries and Related Products	1.1	1.6	1.5	2.0	0.7	1.1	2.3	2.4	2.7	0.7	1.8	2.2
4245	Purchases	Farm Product Raw Materials	3.3	3.6	3.8	4.4	2.1	2.7	3.7	3.9	4.0	0.3	1.1	1.2
4246	Purchases	Chemicals and Allied Products:	2.1	2.8	3.4	4.1	1.4	2.1	3.0	2.6	3.6	1.0	1.8	2.2
4247	Purchases	Petroleum and Petroleum Products	4.3	4.5	4.5	4.0	0.4	1.4	2.6	2.9	4.2	0.3	1.2	2.2
4248	Purchases	Beer, Wine, and Distilled Alcoholic Beverages	1.2	1.5	1.7	2.5	0.5	1.3	1.8	2.0	2.2	0.5	1.6	4.1
4249	Purchases	Miscellaneous Nondurable Goods	3.3	5.0	4.8	5.7	2.7	3.3	4.0	4.0	3.7	1.3	2.1	2.5
42	Gross margins	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	x	1.2	1.2	1.5	0.8	1.0	1.5	1.4	1.5	0.8	1.0	1.0
423	Gross margins	Durable goods	x	1.2	1.4	2.0	1.0	1.4	1.8	1.6	1.6	1.1	1.1	1.2
4231	Gross margins	Motor Vehicle and Motor Vehicle Parts and Supplies	x	2.4	2.5	2.0	2.2	3.8	4.3	2.8	2.4	1.9	2.3	2.9
4232	Gross margins	Furniture and Home Furnishings:	x	4.1	3.6	4.6	2.2	2.8	4.4	4.3	4.5	2.5	3.5	5.1
4233	Gross margins	Lumber & Other Construction Materials:	x	3.8	4.0	3.7	4.2	4.3	4.7	4.5	5.1	2.6	3.5	4.1
4234	Gross margins	Professional and Commercial Equipment and Supplies	x	3.6	4.6	5.3	3.6	3.9	5.0	3.4	4.0	2.3	2.6	3.2
42343	Gross margins	Computer and Computer Peripheral Equipment and Software	x	6.3	8.4	10.1	6.2	7.9	9.6	4.4	5.7	3.2	4.5	4.8
4235	Gross margins	Metals and Minerals, ex. Petroleum	x	5.5	4.4	5.3	3.4	4.4	4.3	4.1	4.7	6.1	3.4	5.6
4236	Gross margins	Electrical Goods	x	3.3	3.4	4.3	2.4	4.2	4.8	3.2	3.8	2.2	1.8	2.8
4237	Gross margins	Hardware, and Plumbing and Heating Equipment and Supplies	x	2.7	2.3	3.5	2.3	3.0	7.7	3.2	3.5	1.9	2.5	2.4
4238	Gross margins	Machinery, Equipment, and Supplies:	x	3.0	3.5	3.7	2.2	2.3	3.1	3.6	2.2	2.6	2.5	5.2
4239	Gross margins	Miscellaneous Durable Goods	x	4.2	3.9	4.6	3.8	5.3	4.0	5.0	7.3	5.2	5.2	4.9
424	Gross margins	Nondurable goods	x	2.0	2.1	2.3	1.5	1.7	2.3	1.7	1.9	1.5	1.9	2.0
4241	Gross margins	Paper and Paper Products	x	2.1	2.5	2.7	2.5	3.7	4.2	6.4	7.2	3.9	3.7	4.4
4242	Gross margins	Drugs and Druggists' Sundries	x	7.4	7.6	4.6	4.9	4.8	6.0	10.2	9.7	9.5	9.5	11.8
4243	Gross margins	Apparel, Piece Goods, and Notions	x	3.9	4.6	4.8	2.5	4.3	3.5	3.0	2.5	2.5	2.4	2.7
4244	Gross margins	Groceries and Related Products	x	3.8	4.3	5.9	4.0	4.2	4.2	4.4	3.9	4.3	4.7	5.0
4245	Gross margins	Farm Product Raw Materials	x	5.2	8.0	8.4	9.8	13.3	15.2	13.2	5.3	5.7	6.2	3.4
4246	Gross margins	Chemicals and Allied Products	x	5.9	5.2	7.0	4.1	4.7	3.9	4.1	6.4	3.4	2.9	2.9
4247	Gross margins	Petroleum and Petroleum Products	x	6.8	6.2	7.0	4.5	4.5	8.9	4.4	5.6	4.8	3.9	5.5
4248	Gross margins	Beer, Wine, and Distilled Alcoholic Beverages	x	2.1	3.1	3.4	1.5	1.6	1.9	2.7	3.1	1.7	3.1	5.0
4249	Gross margins	Miscellaneous Nondurable Goods	x	5.1	4.5	4.4	3.8	6.0	5.7	5.7	5.9	4.9	4.4	5.1
42	Gross margins as a percent of sales	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	x	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
423	Gross margins as a percent of sales	Durable goods	x	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.2	0.2	0.2
4231	Gross margins as a percent of sales	Motor Vehicle and Motor Vehicle Parts and Supplies	x	0.6	0.4	0.5	0.5	0.7	0.7	0.3	0.4	0.3	0.3	0.3
4232	Gross margins as a percent of sales	Furniture and Home Furnishings	x	0.6	0.5	0.7	0.7	0.8	0.9	0.7	0.7	0.8	0.8	1.0
4233	Gross margins as a percent of sales	Lumber & Other Construction Materials	x	0.5	0.5	0.9	0.8	0.8	0.8	0.5	0.5	0.6	0.7	0.7
4234	Gross margins as a percent of sales	Professional and Commercial Equipment and Supplies	x	0.4	0.6	0.7	0.9	0.9	1.0	0.5	0.5	0.5	0.5	0.5
42343	Gross margins as a percent of sales	Computer and Computer Peripheral Equipment and Software	x	0.5	0.6	0.9	1.2	1.3	1.5	0.5	0.4	0.5	0.7	0.8
4235	Gross margins as a percent of sales	Metals and Minerals, ex. Petroleum	x	1.0	0.8	0.9	0.7	0.9	0.8	0.4	0.6	1.0	0.6	0.6
4236	Gross margins as a percent of sales	Electrical Goods	x	0.5	0.5	0.5	0.5	0.7	0.6	0.3	0.3	0.5	0.3	0.4
4237	Gross margins as a percent of sales	Hardware, and Plumbing and Heating Equipment and Supplies	x	0.5	0.6	0.6	0.6	0.8	2.0	0.6	0.6	0.6	0.6	0.6
4238	Gross margins as a percent of sales	Machinery, Equipment, and Supplies	x	0.5	0.5	0.5	0.6	0.5	0.8	1.0	0.6	0.7	0.7	1.2
4239	Gross margins as a percent of sales	Miscellaneous Durable Goods	x	0.5	0.6	0.7	1.1	1.3	1.0	0.9	1.1	1.1	0.9	1.1
424	Gross margins as a percent of sales	Nondurable goods	x	0.2	0.2	0.3	0.2	0.2	0.4	0.2	0.2	0.2	0.2	0.3
4241	Gross margins as a percent of sales	Paper and Paper Products	x	0.4	0.4	0.5	0.6	0.8	1.0	0.9	0.9	0.8	0.8	0.7
4242	Gross margins as a percent of sales	Drugs and Druggists' Sundries	x	0.9	0.7	0.4	0.6	0.5	0.7	0.7	0.7	0.7	0.7	0.8
4243	Gross margins as a percent of sales	Apparel, Piece Goods, and Notions	x	0.6	0.7	0.6	0.8	1.1	0.9	0.7	0.5	0.8	0.7	0.6
4244	Gross margins as a percent of sales	Groceries and Related Products	x	0.5	0.6	0.7	0.6	0.6	0.6	0.8	0.6	0.7	0.8	0.8
4245	Gross margins as a percent of sales	Farm Product Raw Materials	x	0.3	0.5	0.6	0.7	1.1	0.7	1.1	0.3	0.6	0.4	0.3
4246	Gross margins as a percent of sales	Chemicals and Allied Products	x	1.0	0.8	1.1	1.1	1.2	1.0	0.7	1.0	0.8	0.7	0.8
4247	Gross margins as a percent of sales	Petroleum and Petroleum Products	x	0.3	0.3	0.4	0.4	0.3	1.0	0.2	0.2	0.3	0.2	0.4
4248	Gross margins as a percent of sales	Beer, Wine, and Distilled Alcoholic Beverages	x	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.6	0.5	0.6	0.6
4249	Gross margins as a percent of sales	Miscellaneous Nondurable Goods	x	0.6	0.7	0.8	0.7	1.0	0.9	0.9	1.1	1.0	1.1	1.1

Notes:

x - Denotes an estimated measure of sampling variability that is not available due to the lack of prior year inventories from the same sample.

Additional information on confidentiality protection, sampling error, sample design, and definitions may be found at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

Footnotes:

¹ Estimates of sampling variability for purchases and gross margins are measured using coefficients of variation. Estimates of sampling variability for gross margins as a percent of sales are measured using standard errors.

² Revised data

Table 5A. Estimated Measures of Sampling Variability¹ for Annual Operating Expenses and Operating Expenses as a Percent of Sales for U.S. Merchant Wholesalers: 2002 through 2009

[Estimates are shown as a percentage and are based on data from the Annual Wholesale Trade Survey.]

2002 NAICS CODE	Data Item	Kind of Business	Estimated Measures of Sampling Variability ¹							
			2002 ^r	2003 ^r	2004 ^r	2005 ^r	2006 ^r	2007 ^r	2008 ^r	2009
42	Operating expenses	U.S. Merchant Wholesalers	NA	NA	NA	NA	1.1	0.7	0.7	0.5
423	Operating expenses	Durable goods	NA	NA	NA	NA	1.2	0.7	0.7	0.5
4231	Operating expenses	Motor Vehicle and Motor Vehicle Parts and Supplies	NA	NA	NA	NA	1.5	0.8	1.4	1.5
4232	Operating expenses	Furniture and Home Furnishings	NA	NA	NA	NA	3.8	1.6	2.5	2.9
4233	Operating expenses	Lumber & Other Construction Materials	NA	NA	NA	NA	3.9	2.3	2.1	2.7
4234	Operating expenses	Professional and Commercial Equipment and Supplies	NA	NA	NA	NA	2.4	1.6	1.8	2.5
42343	Operating expenses	Computer and Computer Peripheral Equipment and Software	NA	NA	NA	NA	3.8	2.4	3.2	3.7
4235	Operating expenses	Metals and Minerals, ex. Petroleum	NA	NA	NA	NA	5.0	2.8	2.8	2.3
4236	Operating expenses	Electrical Goods	NA	NA	NA	NA	3.2	1.8	2.0	2.5
4237	Operating expenses	Hardware, and Plumbing and Heating Equipment and Supplies	NA	NA	NA	NA	2.8	1.8	1.7	1.6
4238	Operating expenses	Machinery, Equipment, and Supplies	NA	NA	NA	NA	2.0	2.2	1.5	2.5
4239	Operating expenses	Miscellaneous Durable Goods	NA	NA	NA	NA	7.5	5.6	5.8	4.7
424	Operating expenses	Nondurable goods	NA	NA	NA	NA	1.4	1.0	0.9	0.9
4241	Operating expenses	Paper and Paper Products	NA	NA	NA	NA	6.3	3.6	3.5	3.5
4242	Operating expenses	Drugs and Druggists' Sundries	NA	NA	NA	NA	4.5	3.9	4.0	3.9
4243	Operating expenses	Apparel, Piece Goods, and Notions	NA	NA	NA	NA	2.3	2.0	2.2	2.0
4244	Operating expenses	Groceries and Related Products	NA	NA	NA	NA	4.1	2.3	1.7	2.1
4245	Operating Expenses	Farm Product Raw Materials	NA	NA	NA	NA	5.7	2.3	3.5	4.1
4246	Operating expenses	Chemicals and Allied Products	NA	NA	NA	NA	4.6	3.1	2.6	2.7
4247	Operating expenses	Petroleum and Petroleum Products	NA	NA	NA	NA	4.7	4.3	4.3	3.7
4248	Operating expenses	Beer, Wine, and Distilled Alcoholic Beverages	NA	NA	NA	NA	2.3	1.2	1.7	4.3
4249	Operating expenses	Miscellaneous Nondurable Goods	NA	NA	NA	NA	4.4	2.9	2.7	2.2
42	Operating expenses as a percent of sales	U.S. Merchant Wholesalers	NA	NA	NA	NA	0.1	0.1	0.1	0.1
423	Operating expenses as a percent of sales	Durable goods	NA	NA	NA	NA	0.1	0.1	0.1	0.1
4231	Operating expenses as a percent of sales	Motor Vehicle and Motor Vehicle Parts and Supplies	NA	NA	NA	NA	0.1	0.1	0.1	0.1
4232	Operating expenses as a percent of sales	Furniture and Home Furnishings	NA	NA	NA	NA	0.3	0.4	0.5	0.6
4233	Operating expenses as a percent of sales	Lumber & Other Construction Materials	NA	NA	NA	NA	0.3	0.4	0.4	0.5
4234	Operating expenses as a percent of sales	Professional and Commercial Equipment and Supplies	NA	NA	NA	NA	0.2	0.3	0.3	0.4
42343	Operating expenses as a percent of sales	Computer and Computer Peripheral Equipment and Software	NA	NA	NA	NA	0.2	0.3	0.4	0.5
4235	Operating expenses as a percent of sales	Metals and Minerals, ex. Petroleum	NA	NA	NA	NA	0.3	0.3	0.3	0.3
4236	Operating expenses as a percent of sales	Electrical Goods	NA	NA	NA	NA	0.3	0.3	0.3	0.3
4237	Operating expenses as a percent of sales	Hardware, and Plumbing and Heating Equipment and Supplies	NA	NA	NA	NA	0.3	0.4	0.4	0.3
4238	Operating expenses as a percent of sales	Machinery, Equipment, and Supplies	NA	NA	NA	NA	0.3	0.4	0.3	0.4
4239	Operating expenses as a percent of sales	Miscellaneous Durable Goods	NA	NA	NA	NA	0.8	0.8	0.8	0.9
424	Operating expenses as a percent of sales	Nondurable goods	NA	NA	NA	NA	0.1	0.1	0.1	0.1
4241	Operating expenses as a percent of sales	Paper and Paper Products	NA	NA	NA	NA	0.6	0.5	0.5	0.5
4242	Operating expenses as a percent of sales	Drugs and Druggists' Sundries	NA	NA	NA	NA	0.3	0.3	0.3	0.3
4243	Operating expenses as a percent of sales	Apparel, Piece Goods, and Notions	NA	NA	NA	NA	0.4	0.4	0.5	0.5
4244	Operating expenses as a percent of sales	Groceries and Related Products	NA	NA	NA	NA	0.4	0.3	0.3	0.2
4245	Operating expenses as a percent of sales	Farm Product Raw Materials	NA	NA	NA	NA	0.2	0.1	0.2	0.2
4246	Operating expenses as a percent of sales	Chemicals and Allied Products	NA	NA	NA	NA	0.4	0.4	0.4	0.4
4247	Operating expenses as a percent of sales	Petroleum and Petroleum Products	NA	NA	NA	NA	0.1	0.1	0.1	0.1
4248	Operating expenses as a percent of sales	Beer, Wine, and Distilled Alcoholic Beverages	NA	NA	NA	NA	0.3	0.2	0.2	0.3
4249	Operating expenses as a percent of sales	Miscellaneous Nondurable Goods	NA	NA	NA	NA	0.5	0.4	0.4	0.3

Table 5A. Estimated Measures of Sampling Variability¹ for Annual Operating Expenses and Operating Expenses as a Percent of Sales for U.S. Merchant Wholesalers: 2002 through 2009

[Estimates are shown as a percentage and are based on data from the Annual Wholesale Trade Survey.]

2002 NAICS CODE	Data Item	Kind of Business	Estimated Measures of Sampling Variability ¹							
			2002 ^r	2003 ^r	2004 ^r	2005 ^r	2006 ^r	2007 ^r	2008 ^r	2009
42	Operating expenses	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	NA	NA	NA	NA	1.5	0.8	0.7	0.5
423	Operating expenses	Durable goods	NA	NA	NA	NA	1.6	0.8	1.0	0.7
4231	Operating expenses	Motor Vehicle and Motor Vehicle Parts and Supplies	NA	NA	NA	NA	2.1	1.0	1.7	1.7
4232	Operating expenses	Furniture and Home Furnishings	NA	NA	NA	NA	4.3	1.9	2.9	3.4
4233	Operating expenses	Lumber & Other Construction Materials	NA	NA	NA	NA	4.1	1.9	2.2	2.8
4234	Operating expenses	Professional and Commercial Equipment and Supplies	NA	NA	NA	NA	3.6	2.2	2.5	3.4
42343	Operating expenses	Computer and Computer Peripheral Equipment and Software	NA	NA	NA	NA	5.7	3.6	4.9	5.6
4235	Operating expenses	Metals and Minerals, ex. Petroleum	NA	NA	NA	NA	5.3	3.3	3.3	2.6
4236	Operating expenses	Electrical Goods	NA	NA	NA	NA	3.4	1.7	2.3	2.8
4237	Operating expenses	Hardware, and Plumbing and Heating Equipment and Supplies	NA	NA	NA	NA	3.0	2.0	2.0	1.9
4238	Operating expenses	Machinery, Equipment, and Supplies	NA	NA	NA	NA	1.8	2.0	1.4	2.5
4239	Operating expenses	Miscellaneous Durable Goods	NA	NA	NA	NA	8.1	5.8	6.0	4.9
424	Operating expenses	Nondurable goods	NA	NA	NA	NA	1.8	1.1	1.3	1.4
4241	Operating expenses	Paper and Paper Products	NA	NA	NA	NA	6.8	3.7	3.4	3.6
4242	Operating expenses	Drugs and Druggists' Sundries	NA	NA	NA	NA	10.0	8.6	8.5	9.2
4243	Operating expenses	Apparel, Piece Goods, and Notions	NA	NA	NA	NA	1.6	2.1	2.1	2.1
4244	Operating expenses	Groceries and Related Products	NA	NA	NA	NA	5.1	3.4	2.7	3.6
4245	Operating Expenses	Farm Product Raw Materials	NA	NA	NA	NA	5.7	2.3	3.5	4.1
4246	Operating expenses	Chemicals and Allied Products	NA	NA	NA	NA	4.5	3.6	3.2	3.4
4247	Operating expenses	Petroleum and Petroleum Products	NA	NA	NA	NA	6.4	6.9	5.2	5.6
4248	Operating expenses	Beer, Wine, and Distilled Alcoholic Beverages	NA	NA	NA	NA	2.5	1.3	1.8	4.7
4249	Operating expenses	Miscellaneous Nondurable Goods	NA	NA	NA	NA	5.1	3.1	3.4	2.6
42	Operating expenses as a percent of sales	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	NA	NA	NA	NA	0.1	0.1	0.1	0.1
423	Operating expenses as a percent of sales	Durable goods	NA	NA	NA	NA	0.2	0.1	0.2	0.1
4231	Operating expenses as a percent of sales	Motor Vehicle and Motor Vehicle Parts and Supplies	NA	NA	NA	NA	0.1	0.1	0.2	0.2
4232	Operating expenses as a percent of sales	Furniture and Home Furnishings	NA	NA	NA	NA	0.4	0.5	0.6	0.8
4233	Operating expenses as a percent of sales	Lumber & Other Construction Materials	NA	NA	NA	NA	0.3	0.4	0.4	0.5
4234	Operating expenses as a percent of sales	Professional and Commercial Equipment and Supplies	NA	NA	NA	NA	0.3	0.4	0.4	0.5
42343	Operating expenses as a percent of sales	Computer and Computer Peripheral Equipment and Software	NA	NA	NA	NA	0.4	0.5	0.6	0.8
4235	Operating expenses as a percent of sales	Metals and Minerals, ex. Petroleum	NA	NA	NA	NA	0.5	0.4	0.4	0.4
4236	Operating expenses as a percent of sales	Electrical Goods	NA	NA	NA	NA	0.2	0.3	0.3	0.3
4237	Operating expenses as a percent of sales	Hardware, and Plumbing and Heating Equipment and Supplies	NA	NA	NA	NA	0.3	0.5	0.5	0.4
4238	Operating expenses as a percent of sales	Machinery, Equipment, and Supplies	NA	NA	NA	NA	0.3	0.4	0.4	0.4
4239	Operating expenses as a percent of sales	Miscellaneous Durable Goods	NA	NA	NA	NA	1.0	0.9	0.9	0.9
424	Operating expenses as a percent of sales	Nondurable goods	NA	NA	NA	NA	0.1	0.1	0.1	0.1
4241	Operating expenses as a percent of sales	Paper and Paper Products	NA	NA	NA	NA	0.8	0.7	0.6	0.6
4242	Operating expenses as a percent of sales	Drugs and Druggists' Sundries	NA	NA	NA	NA	0.5	0.4	0.4	0.4
4243	Operating expenses as a percent of sales	Apparel, Piece Goods, and Notions	NA	NA	NA	NA	0.4	0.5	0.6	0.6
4244	Operating expenses as a percent of sales	Groceries and Related Products	NA	NA	NA	NA	0.5	0.4	0.3	0.3
4245	Operating expenses as a percent of sales	Farm Product Raw Materials	NA	NA	NA	NA	0.2	0.1	0.2	0.2
4246	Operating expenses as a percent of sales	Chemicals and Allied Products	NA	NA	NA	NA	0.6	0.6	0.5	0.6
4247	Operating expenses as a percent of sales	Petroleum and Petroleum Products	NA	NA	NA	NA	0.1	0.2	0.1	0.2
4248	Operating expenses as a percent of sales	Beer, Wine, and Distilled Alcoholic Beverages	NA	NA	NA	NA	0.3	0.2	0.2	0.3
4249	Operating expenses as a percent of sales	Miscellaneous Nondurable Goods	NA	NA	NA	NA	0.5	0.5	0.5	0.4

Table 5A. Estimated Measures of Sampling Variability¹ for Annual Operating Expenses and Operating Expenses as a Percent of Sales for U.S. Merchant Wholesalers: 2002 through 2009

[Estimates are shown as a percentage and are based on data from the Annual Wholesale Trade Survey.]

2002 NAICS CODE	Data Item	Kind of Business	Estimated Measures of Sampling Variability ¹							
			2002 [†]	2003 [†]	2004 [†]	2005 [†]	2006 [†]	2007 [†]	2008 [†]	2009
42	Operating expenses	Manufacturers' Sales Branches and Offices	3.1	2.7	0.9	1.0	1.2	0.8	0.8	0.8
423	Operating expenses	Durable goods	4.2	3.6	1.4	1.4	2.1	1.4	1.2	1.3
4231	Operating expenses	Motor Vehicle and Motor Vehicle Parts and Supplies	2.0	1.6	S	S	1.6	1.0	1.6	1.7
4232	Operating expenses	Furniture and Home Furnishings	7.4	7.8	5.9	2.8	3.6	1.7	2.6	2.6
4233	Operating expenses	Lumber & Other Construction Materials	3.7	4.0	6.7	6.6	5.9	7.3	7.8	9.0
4234	Operating expenses	Professional and Commercial Equipment and Supplies	2.4	2.8	2.1	2.2	1.9	1.1	0.9	1.0
42343	Operating expenses	Computer and Computer Peripheral Equipment and Software	5.6	7.5	3.3	3.3	2.6	1.3	1.1	0.3
4235	Operating expenses	Metals and Minerals, ex. Petroleum	11.1	11.0	2.8	2.7	3.9	2.8	3.3	3.4
4236	Operating expenses	Electrical Goods	12.7	10.4	4.9	4.6	S	S	S	3.2
4237	Operating expenses	Hardware, and Plumbing and Heating Equipment and Supplies	3.4	3.4	2.0	2.0	2.7	2.4	2.7	3.7
4238	Operating expenses	Machinery, Equipment, and Supplies	5.2	15.2	6.5	6.0	6.2	6.8	6.8	5.6
4239	Operating expenses	Miscellaneous Durable Goods	S	S	7.9	8.6	8.8	9.1	9.8	10.3
424	Operating expenses	Nondurable goods	2.2	1.9	2.0	2.3	2.4	1.6	1.5	1.4
4241	Operating expenses	Paper and Paper Products	4.3	4.3	10.0	9.9	9.6	8.7	7.7	5.7
4242	Operating expenses	Drugs and Druggists' Sundries	3.6	3.7	2.4	2.6	2.6	2.2	3.0	1.2
4243	Operating expenses	Apparel, Piece Goods, and Notions	7.2	8.7	22.0	22.4	23.9	22.5	25.3	28.1
4244	Operating expenses	Groceries and Related Products	5.8	4.8	5.8	5.5	5.8	2.7	2.9	3.0
4246	Operating expenses	Chemicals and Allied Products	3.1	2.6	8.6	9.3	8.6	4.2	4.0	3.6
4247	Operating expenses	Petroleum and Petroleum Products	4.8	4.0	7.2	6.5	2.7	2.9	3.2	2.8
4248	Operating expenses	Beer, Wine, and Distilled Alcoholic Beverages	Z	Z	7.0	6.1	5.6	4.5	4.9	4.7
4249	Operating expenses	Miscellaneous Nondurable Goods	4.4	4.8	10.3	9.8	9.3	8.4	5.2	5.8
42	Operating expenses as a percent of sales	Manufacturers' Sales Branches and Offices	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
423	Operating expenses as a percent of sales	Durable goods	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1
4231	Operating expenses as a percent of sales	Motor Vehicle and Motor Vehicle Parts and Supplies	Z	Z	S	S	Z	Z	Z	Z
4232	Operating expenses as a percent of sales	Furniture and Home Furnishings	0.7	0.8	0.9	0.1	0.2	0.2	0.1	S
4233	Operating expenses as a percent of sales	Lumber & Other Construction Materials	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.7
4234	Operating expenses as a percent of sales	Professional and Commercial Equipment and Supplies	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.1
42343	Operating expenses as a percent of sales	Computer and Computer Peripheral Equipment and Software	0.6	0.7	0.2	0.2	0.1	0.2	0.2	Z
4235	Operating expenses as a percent of sales	Metals and Minerals, ex. Petroleum	0.5	0.4	0.1	0.1	0.1	0.1	0.1	0.2
4236	Operating expenses as a percent of sales	Electrical Goods	1.9	1.7	0.6	0.5	S	S	S	0.4
4237	Operating expenses as a percent of sales	Hardware, and Plumbing and Heating Equipment and Supplies	0.6	0.5	0.3	0.3	0.3	0.4	0.4	0.6
4238	Operating expenses as a percent of sales	Machinery, Equipment, and Supplies	0.4	1.1	0.7	0.6	0.6	0.6	0.6	0.6
4239	Operating expenses as a percent of sales	Miscellaneous Durable Goods	S	S	1.5	1.5	1.4	1.6	1.5	1.2
424	Operating expenses as a percent of sales	Nondurable goods	0.2	0.1	0.2	0.2	0.2	0.1	0.2	0.1
4241	Operating expenses as a percent of sales	Paper and Paper Products	0.3	0.3	S	1.0	0.9	0.8	0.7	0.6
4242	Operating expenses as a percent of sales	Drugs and Druggists' Sundries	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2
4243	Operating expenses as a percent of sales	Apparel, Piece Goods, and Notions	0.7	0.8	0.8	0.7	0.9	1.1	1.1	1.1
4244	Operating expenses as a percent of sales	Groceries and Related Products	0.6	0.5	0.4	0.4	0.3	0.4	0.5	0.4
4246	Operating expenses as a percent of sales	Chemicals and Allied Products	0.2	0.2	0.3	0.3	0.3	0.4	0.3	0.3
4247	Operating expenses as a percent of sales	Petroleum and Petroleum Products	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1
4248	Operating expenses as a percent of sales	Beer, Wine, and Distilled Alcoholic Beverages	Z	Z	0.9	0.8	S	0.7	0.8	0.7
4249	Operating expenses as a percent of sales	Miscellaneous Nondurable Goods	0.3	0.4	1.0	0.9	0.9	0.8	0.7	0.7

Notes:

NA - Corresponding estimate from table 5 is unavailable due to operating expenses not being collected on the Annual Wholesale Trade Survey for merchant wholesalers, except manufacturers' sales branches and offices, until 2006.

Z - Estimate is less than 0.05%.

S - Corresponding estimate in Table 5 does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see <http://www.census.gov/quality/standards/standardf1.html>.

Additional information on confidentiality protection, sampling error, sample design, and definitions may be found at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

Footnote:

¹Estimates of sampling variability for operating expenses are measured using coefficients of variation. Estimates of sampling variability for operating expenses as a percent of sales are measured using standard errors.

[†]Revised data.

Table 5.1A. Revised Estimated Measures of Sampling Variability for Detailed Operating Expenses of U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices¹ by Kind of Business: 2007

[Coefficients of variation (cv) and standard errors (se) shown in percent. Associated estimates have been adjusted using final results of the 2007 Economic Census.]

2002 NAICS code	Kind of business	Sales	Operating expenses, total	Total operating expenses as percent of sales	Annual payroll		Employer costs for fringe benefits		Contract labor costs, including temporary help		Expensed equipment		Purchases of packaging materials and containers	
					Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total
					cv	cv	se	cv	se	cv	se	cv	se	cv
42	U.S. Merchant Wholesalers, except Manufacturers' Sales Branches and Offices	0.0	0.8	0.1	0.8	0.2	1.1	0.1	2.3	Z	4.4	Z	2.7	Z
423	Durable goods	0.0	0.8	0.1	0.9	0.3	1.1	0.1	2.8	Z	4.4	Z	1.9	Z
4231	Motor Vehicle and Motor Vehicle Parts and Supplies.....	0.0	1.0	0.1	1.7	0.5	2.4	0.2	9.6	0.2	6.9	Z	5.1	Z
4232	Furniture and Home Furnishings	0.0	1.9	0.5	2.5	0.5	3.1	0.1	12.6	0.2	13.0	0.1	9.2	0.1
4233	Lumber & Other Construction Materials	0.0	1.9	0.4	2.6	0.7	2.6	0.2	9.7	0.1	8.5	Z	9.1	0.1
4234	Professional and Commercial Equipment and Supplies	0.0	2.2	0.4	2.3	0.6	2.7	0.2	4.8	0.1	11.0	0.1	S	S
42343	Computer and Computer Peripheral Equipment and Software	0.0	3.6	0.5	3.7	0.8	4.3	0.2	10.9	0.1	20.5	0.1	S	S
4235	Metals and Minerals, ex. Petroleum	0.0	3.3	0.4	3.6	0.6	3.9	0.2	14.2	0.2	11.0	Z	4.1	0.1
4236	Electrical Goods	0.0	1.7	0.3	2.4	0.5	2.0	0.2	10.8	0.2	6.4	Z	4.7	Z
4237	Hardware, and Plumbing and Heating Equipment and Supplies	0.0	2.0	0.5	2.1	0.7	3.0	0.3	12.1	0.1	7.8	Z	6.4	0.1
4238	Machinery, Equipment, and Supplies	0.0	2.0	0.4	2.4	0.6	2.9	0.1	11.5	0.1	7.2	Z	7.4	Z
4239	Miscellaneous Durable Goods	0.0	5.8	0.9	4.2	1.0	4.6	0.1	11.8	0.2	26.3	0.1	10.4	0.1
424	Nondurable Goods	0.0	1.1	0.1	1.1	0.3	1.6	0.1	5.8	0.1	5.9	Z	5.5	0.1
4241	Paper and Paper Products	0.0	3.7	0.7	5.3	0.8	7.0	0.3	18.5	0.2	18.5	0.1	9.4	0.1
4242	Drugs and Druggists' Sundries	0.0	8.6	0.4	8.7	1.2	S	S	S	S	S	S	S	S
4243	Apparel, Piece Goods, and Notions	0.0	2.1	0.5	2.7	0.8	2.9	0.1	5.3	0.1	10.8	Z	8.2	0.1
4244	Groceries and Related products	0.0	3.4	0.4	3.3	0.8	3.0	0.2	8.5	0.1	9.0	Z	14.1	0.2
4245	Farm Product Raw Materials	0.0	2.3	0.1	3.5	0.5	4.2	0.2	12.3	0.1	10.6	Z	12.2	0.1
4246	Chemicals and Allied Products	0.0	3.6	0.6	3.4	0.7	S	S	12.0	0.1	10.3	Z	10.6	0.1
4247	Petroleum and Petroleum Products	0.0	6.9	0.2	11.7	0.9	11.3	0.2	S	S	16.6	Z	26.7	0.1
4248	Beer, Wine, and Distilled Alcoholic Beverages	0.0	1.3	0.2	2.5	0.7	2.4	0.3	10.0	0.1	14.7	Z	12.8	Z
4249	Miscellaneous Nondurable Goods	0.0	3.1	0.5	2.5	0.7	S	S	15.6	0.2	15.4	0.1	7.1	0.1

¹ Estimates include data only for businesses with paid employees.

² Other operating expenses exclude purchase of merchandise for resale; bad debt; capitalized expenses; interest expense; and income, sales, and excise taxes.

D Estimate in table is withheld to avoid disclosing data of individual companies; data are included in higher-level totals.

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see <http://www.census.gov/quality/standards/standardf1.html>.

Z Estimate is less than 0.05

Source of expenses data: 2007 Business Expenses Supplement to the Annual Wholesale Trade Survey.

Notes: Associated data estimates can be found in Table 5.1.

Estimates have not been adjusted for price changes. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions can be found on the Internet at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

The 2002 revision of NAICS redefined merchant wholesale to include manufacturers' sales branches and offices.

Table 5.1A. Revised Estimated Measures of Sampling Variability for Detailed Operating Expenses of U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices¹ by Kind of Business: 2007 -- cont.

Table

[Coefficients of variation (cv) and standard errors (se) shown in percent. Associated estimates have been adjusted using final results of the 2007 Economic Census.]

2002 NAICS code	Kind of business	Purchases of other materials, parts, and supplies (not for resale)		Expensed purchases of software		Data processing and other purchased computer services		Commission expense		Purchased communication services		Purchased repairs and maintenance to machinery and equipment		Purchased maintenance structures,
		Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount
		cv	se	cv	se	cv	se	cv	se	cv	se	cv	se	cv
42	U.S. Merchant Wholesalers, except Manufacturers' Sales Branches and Offices	3.2	0.1	2.0	Z	2.8	Z	3.5	0.1	1.3	Z	2.4	Z	1.4
423	Durable goods	3.8	0.1	2.4	Z	3.5	Z	5.6	0.1	1.5	Z	3.1	Z	1.6
4231	Motor Vehicle and Motor Vehicle Parts and Supplies.....	5.0	0.1	7.2	Z	4.0	Z	S	S	3.7	Z	5.6	Z	6.4
4232	Furniture and Home Furnishings	13.3	0.2	9.1	Z	8.9	Z	4.4	0.3	3.4	Z	7.8	Z	7.2
4233	Lumber & Other Construction Materials	4.5	0.1	8.6	Z	11.0	Z	9.5	0.1	2.1	Z	5.7	0.1	10.8
4234	Professional and Commercial Equipment and Supplies	7.0	0.1	9.2	Z	13.2	0.1	14.3	0.4	3.2	Z	10.8	Z	4.0
42343	Computer and Computer Peripheral Equipment and Software	18.6	0.2	10.7	Z	S	S	15.7	0.4	5.7	0.1	8.5	Z	3.4
4235	Metals and Minerals, ex. Petroleum	6.4	0.2	9.4	Z	8.8	Z	13.0	0.2	3.4	Z	5.3	0.1	6.7
4236	Electrical Goods	5.7	0.1	3.9	Z	2.4	Z	8.4	0.2	3.6	Z	5.9	Z	4.3
4237	Hardware, and Plumbing and Heating Equipment and Supplies	5.2	0.1	9.7	Z	7.2	Z	S	S	5.0	0.1	6.1	0.1	6.2
4238	Machinery, Equipment, and Supplies	6.4	0.1	6.1	Z	5.5	Z	9.9	0.2	3.4	Z	8.9	0.1	4.3
4239	Miscellaneous Durable Goods	18.7	0.4	7.3	Z	13.3	Z	16.4	0.4	5.2	Z	13.0	0.2	15.1
424	Nondurable Goods	5.0	0.1	4.0	Z	5.0	Z	4.0	0.1	2.6	Z	3.4	0.1	2.4
4241	Paper and Paper Products	13.4	0.2	9.6	Z	12.9	Z	7.6	0.1	6.2	Z	14.5	0.1	6.4
4242	Drugs and Druggists' Sundries	S	S	S	S	S	S	S	S	S	S	8.2	0.1	S
4243	Apparel, Piece Goods, and Notions	10.1	0.1	5.0	Z	14.1	0.1	8.6	0.3	2.6	Z	5.3	Z	9.4
4244	Groceries and Related products	7.0	0.3	8.2	Z	13.3	Z	16.1	0.2	5.1	Z	6.1	0.1	4.8
4245	Farm Product Raw Materials	6.0	0.1	12.3	Z	7.3	Z	21.2	0.4	4.8	Z	6.8	0.3	5.1
4246	Chemicals and Allied Products	9.7	0.2	14.8	Z	9.6	Z	11.1	0.3	5.8	Z	4.7	0.1	S
4247	Petroleum and Petroleum Products	24.4	0.4	S	S	9.1	Z	10.7	0.5	20.5	0.1	17.0	0.2	14.3
4248	Beer, Wine, and Distilled Alcoholic Beverages	8.5	0.2	7.6	Z	13.4	Z	18.7	0.1	2.2	Z	13.0	0.2	12.6
4249	Miscellaneous Nondurable Goods	4.9	0.2	8.9	Z	9.7	Z	12.8	0.3	5.8	Z	6.7	0.1	7.4

¹ Estimates include data only for businesses with paid employees.

² Other operating expenses exclude purchase of merchandise for resale; bad debt; capitalized expenses; interest expense; and income, sales, and excise taxes.

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Z Estimate is less than 0.05

Source of expenses data: 2007 Business Expenses Supplement to the Annual Wholesale Trade Survey.

Notes: Associated data estimates can be found in Table 5.1.

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The 2002 revision of NAICS redefined merchant wholesale to include manufacturers' sales branches and offices.

5.1A. Revised Estimated Measures of Sampling Variability for Detailed Operating Expenses of U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices¹ by Kind of Business: 2007 -- cont.

[Coefficients of variation (cv) and standard errors (se) shown in percent. Associated estimates have been adjusted using final results of the 2007 Economic Census.]

2002 NAICS code	Kind of business	repairs and to buildings, and offices	Lease and rental payments for machinery and equipment		Lease and rental payments for buildings, offices, stores		Purchased electricity		Purchased fuels (except motor fuels)		Water, sewer, refuse removal, and other utility payments	
		Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total
		se	cv	se	cv	se	cv	se	cv	se	cv	se
42	U.S. Merchant Wholesalers, except Manufacturers' Sales Branches and Offices	Z	2.2	Z	1.4	Z	1.4	Z	4.0	Z	6.0	Z
423	Durable goods	Z	4.6	Z	1.8	0.1	1.7	Z	5.3	Z	8.2	Z
4231	Motor Vehicle and Motor Vehicle Parts and Supplies.....	Z	4.7	Z	3.8	0.1	2.4	Z	6.5	Z	21.0	Z
4232	Furniture and Home Furnishings	Z	9.6	0.1	5.1	0.4	4.5	Z	9.1	Z	6.0	Z
4233	Lumber & Other Construction Materials	0.1	4.5	0.1	6.2	0.3	6.7	0.1	23.1	0.2	4.6	Z
4234	Professional and Commercial Equipment and Supplies	Z	4.6	Z	3.5	0.1	3.0	Z	9.4	Z	9.8	Z
42343	Computer and Computer Peripheral Equipment and Software	Z	6.6	Z	4.8	0.2	5.3	Z	S	S	9.4	Z
4235	Metals and Minerals, ex. Petroleum	Z	8.2	0.1	6.3	0.2	4.8	Z	12.1	0.1	4.3	Z
4236	Electrical Goods	Z	7.0	Z	3.3	0.1	5.4	Z	10.6	Z	5.0	Z
4237	Hardware, and Plumbing and Heating Equipment and Supplies	Z	6.2	0.1	5.0	0.3	4.1	Z	10.8	0.1	4.9	Z
4238	Machinery, Equipment, and Supplies	Z	15.0	0.1	3.7	0.1	4.0	Z	6.2	Z	4.9	Z
4239	Miscellaneous Durable Goods	0.1	11.0	0.1	8.3	0.3	8.0	Z	13.2	0.1	22.4	0.1
424	Nondurable Goods	Z	2.7	Z	1.9	0.1	2.0	Z	5.5	Z	6.4	Z
4241	Paper and Paper Products	Z	15.1	0.2	6.7	0.2	8.3	Z	16.4	Z	18.5	Z
4242	Drugs and Druggists' Sundries	S	S	S	9.7	0.2	S	S	S	S	S	S
4243	Apparel, Piece Goods, and Notions	Z	12.8	Z	4.3	0.2	4.9	Z	9.2	Z	7.3	Z
4244	Groceries and Related products	Z	5.8	0.1	6.5	0.2	4.7	0.1	17.8	0.1	13.9	0.1
4245	Farm Product Raw Materials	0.1	5.1	0.1	6.1	0.1	3.8	0.1	4.4	0.1	2.4	Z
4246	Chemicals and Allied Products	S	8.5	0.1	8.9	0.3	6.6	0.1	8.1	0.1	11.4	Z
4247	Petroleum and Petroleum Products	0.1	12.6	0.4	13.1	0.4	21.9	0.1	25.8	0.1	21.3	0.1
4248	Beer, Wine, and Distilled Alcoholic Beverages	0.1	5.8	0.1	9.0	0.3	5.0	Z	26.2	0.1	12.8	Z
4249	Miscellaneous Nondurable Goods	Z	5.7	0.1	5.7	0.2	5.2	0.1	9.8	0.1	14.9	Z

¹ Estimates include data only for businesses with paid employees.

² Other operating expenses exclude purchase of merchandise for resale; bad debt; capitalized expenses; interest expense; and income, sales, and excise taxes.

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Z Estimate is less than 0.05

Source of expenses data: 2007 Business Expenses Supplement to the Annual Wholesale Trade Survey.

Notes: Associated data estimates can be found in Table 5.1.

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[Coefficients of variation (cv) and standard errors (se) shown in percent. Associated estimates have been adjusted using final results of the 2007 Economic Census.]

2002 NAICS code	Kind of business	Purchased transportation, shipping and warehousing services		Purchased advertising and promotional services		Purchased professional and technical services		Depreciation and amortization charges		Taxes and license fees		Other operating expenses ²	
		Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total
		cv	se	cv	se	cv	se	cv	se	cv	se	cv	se
42	U.S. Merchant Wholesalers, except Manufacturers' Sales Branches and Offices	2.1	0.1	2.6	0.1	2.0	0.1	2.6	0.1	1.8	Z	1.7	0.1
423	Durable goods	2.1	0.1	2.3	0.1	2.9	0.1	2.1	0.1	1.7	Z	2.3	0.2
4231	Motor Vehicle and Motor Vehicle Parts and Supplies.....	6.4	0.2	2.1	0.3	2.5	0.1	5.8	0.3	4.0	0.1	S	S
4232	Furniture and Home Furnishings	4.7	0.2	5.1	0.2	4.8	0.1	5.9	0.2	7.0	0.1	4.9	0.5
4233	Lumber & Other Construction Materials	9.2	0.4	12.1	0.2	4.4	0.1	3.1	0.1	3.9	0.1	5.1	0.5
4234	Professional and Commercial Equipment and Supplies	3.5	0.2	6.7	0.3	7.4	0.3	4.8	0.1	6.8	0.1	S	S
42343	Computer and Computer Peripheral Equipment and Software	8.1	0.3	5.3	0.2	14.1	0.6	7.9	0.2	9.0	0.1	S	S
4235	Metals and Minerals, ex. Petroleum	4.5	0.3	13.7	0.1	4.8	0.1	5.4	0.1	7.1	0.1	4.1	0.4
4236	Electrical Goods	3.4	0.1	4.9	0.2	4.5	0.1	3.8	0.1	5.8	0.1	2.7	0.3
4237	Hardware, and Plumbing and Heating Equipment and Supplies	6.1	0.3	8.6	0.2	5.0	0.1	5.6	0.1	7.7	0.1	5.2	0.4
4238	Machinery, Equipment, and Supplies	7.4	0.2	4.4	0.1	9.7	0.2	4.3	0.1	5.8	0.1	4.1	0.3
4239	Miscellaneous Durable Goods	9.3	0.6	9.9	0.5	7.5	0.1	11.9	0.3	9.3	0.1	12.0	0.8
424	Nondurable Goods	2.9	0.1	6.4	0.2	2.8	0.1	5.6	0.2	2.8	Z	2.1	0.2
4241	Paper and Paper Products	9.1	0.3	15.4	0.3	7.1	0.1	9.0	0.2	13.0	0.1	7.0	0.6
4242	Drugs and Druggists' Sundries	9.7	0.4	S	S	S	S	7.4	0.1	S	S	S	S
4243	Apparel, Piece Goods, and Notions	4.3	0.2	6.4	0.4	5.8	0.2	5.3	0.1	9.1	0.1	6.6	0.8
4244	Groceries and Related products	10.6	0.5	18.3	0.3	8.1	0.1	6.0	0.3	5.5	0.1	5.0	0.4
4245	Farm Product Raw Materials	S	S	10.0	0.1	7.3	0.2	3.9	0.3	5.0	0.1	S	S
4246	Chemicals and Allied Products	6.7	0.4	11.3	0.1	7.2	0.1	6.5	0.3	9.5	0.1	S	S
4247	Petroleum and Petroleum Products	10.7	0.7	12.9	0.1	7.9	0.2	26.6	0.9	15.0	0.1	8.9	0.7
4248	Beer, Wine, and Distilled Alcoholic Beverages	15.1	0.4	9.6	0.6	6.0	0.1	4.9	0.2	17.0	0.3	6.6	0.5
4249	Miscellaneous Nondurable Goods	S	S	9.7	0.2	6.3	0.1	5.3	0.2	6.5	0.1	S	S

¹ Estimates include data only for businesses with paid employees.

² Other operating expenses exclude purchase of merchandise for resale; bad debt; capitalized expenses; interest expense; and income, sales, and excise taxes.

D Estimate in table is withheld to avoid disclosing data of individual companies; data are included in higher-level totals.

S Estimate does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see <http://www.census.gov/quality/standards/standardf1.html>.

Z Estimate is less than 0.05

Source of expenses data: 2007 Business Expenses Supplement to the Annual Wholesale Trade Survey.

Notes: Associated data estimates can be found in Table 5.1.

Estimates have not been adjusted for price changes. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions can be found on the Internet at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

The 2002 revision of NAICS redefined merchant wholesale to include manufacturers' sales branches and offices.

Table 6a. Estimated Measures of Sampling Variability¹ for Sales and Commissions of Electronic Markets, Agents, Brokers, and Commission Merchants for the United States: 2004 through 2009

[Estimates are shown as a percentage and are based on data from the Annual Wholesale Trade Survey.]

2002 NAICS CODE	Data Item	Estimated Measures of Sampling Variability ¹					
		2004 ^r	2005 ^r	2006 ^r	2007 ^r	2008 ^r	2009
4251	Total sales	4.5	4.9	4.4	4.8	7.7	6.6
4251	.Sales on own account	19.2	19.1	18.6	20.4	14.2	16.2
4251	.Sales made on the account of others	4.5	5.0	4.5	5.0	7.7	6.6
4251	Commissions received for sales made on the account of others						
4251	.Amount	4.5	4.7	5.2	4.9	6.8	6.2
4251	.As a percent of sales on the account of others	0.1	0.1	0.1	0.1	0.2	0.1
4251	Operating Expenses						
4251	.Amount	5.6	5.3	6.8	6.5	8.8	9.4
4251	.As a percent of total sales	0.1	0.1	0.1	0.1	0.1	0.2

Notes:

Additional information on confidentiality protection, sampling error, sample design, and definitions may be found at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

Footnote:

¹ Estimates of sampling variability for total sales, sales on own account, sales made on the account of others, commissions and operating expenses are measured using coefficients of variation. Estimates of sampling variability for commissions as a percent of sales made on the account of others and operating expenses as a percent of total sales are measured using standard errors.

^r Revised data.

Table 7a. Estimated Measures of Sampling Variability¹ for Inventories of Merchant Wholesalers Held Inside and Outside the United States: 2005 through 2009

[Estimates are shown as percents and are based on data from the Annual Wholesale Trade Survey.]

2002 NAICS CODE	Kind of Business	2009				
		Estimated Measures of Sampling Variability ¹				
		Total Inventories	Inventories Held Inside the United States		Inventories Held Outside the United States	
			Value	As Percent of Total Inventories	Value	As Percent of Total Inventories
42	U.S. Merchant Wholesalers	0.8	0.9	0.1	2.6	0.1
423	Durable goods	1.4	1.5	0.1	3.7	0.1
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	2.0	2.2	0.2	2.8	0.2
4232	Furniture and Home Furnishings	2.7	2.6	0.4	11.7	0.4
4233	Lumber & Other Construction Materials	4.1	4.2	0.5	29.7	0.5
4234	Professional and Commercial Equipment and Supplies	3.4	3.2	0.4	12.2	0.4
42343	Computer and Computer Peripheral Equipment and Software	5.1	D	D	D	D
4235	Metals and Minerals, ex. Petroleum	2.1	2.2	0.6	16.8	0.6
4236	Electrical Goods	3.1	3.3	0.6	13.3	0.6
4237	Hardware, and Plumbing and Heating Equipment and Supplies	3.0	3.0	0.3	19.8	0.3
4238	Machinery, Equipment, and Supplies	3.8	3.7	0.2	19.9	0.2
4239	Miscellaneous Durable Goods	3.9	3.8	0.5	17.6	0.5
424	Nondurable goods	1.3	1.3	0.2	3.3	0.2
4241	Paper and Paper Products	2.9	3.0	0.2	17.2	0.2
4242	Drugs and Druggists' Sundries	1.7	1.7	0.1	3.5	0.1
4243	Apparel, Piece Goods, and Notions	4.3	4.4	0.9	12.0	0.9
4244	Groceries and Related Products	6.7	6.7	0.8	S	S
4245	Farm Product Raw Materials	4.1	3.7	0.4	S	S
4246	Chemicals and Allied Products	4.7	4.7	0.3	15.7	0.3
4247	Petroleum and Petroleum Products	2.5	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	4.7	D	D	D	D
4249	Miscellaneous Nondurable Goods	3.2	3.2	0.3	29.2	0.3
42	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	1.0	1.0	0.1	3.6	0.1
423	Durable goods	1.5	1.5	0.2	4.5	0.2
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	2.5	2.7	0.3	3.2	0.3
4232	Furniture and Home Furnishings	3.2	3.1	0.5	13.4	0.5
4233	Lumber & Other Construction Materials	3.7	3.5	0.6	S	S
4234	Professional and Commercial Equipment and Supplies	4.4	4.2	0.5	15.2	0.5
42343	Computer and Computer Peripheral Equipment and Software	6.6	6.8	0.4	8.8	0.4
4235	Metals and Minerals, ex. Petroleum	3.0	3.0	0.7	20.1	0.7
4236	Electrical Goods	3.4	3.7	0.7	15.0	0.7
4237	Hardware, and Plumbing and Heating Equipment and Supplies	2.6	2.6	0.4	21.4	0.4
4238	Machinery, Equipment, and Supplies	4.2	4.0	0.3	25.2	0.3
4239	Miscellaneous Durable Goods	4.1	4.1	0.6	18.9	0.6
424	Nondurable goods	1.6	1.7	0.2	5.0	0.2
4241	Paper and Paper Products	3.8	3.9	0.3	23.3	0.3
4242	Drugs and Druggists' Sundries	2.6	2.6	0.1	15.0	0.1
4243	Apparel, Piece Goods, and Notions	3.9	4.3	1.0	12.3	1.0
4244	Groceries and Related Products	7.7	7.5	0.9	S	S
4245	Farm Product Raw Materials	4.1	3.7	0.4	S	S
4246	Chemicals and Allied Products	5.4	5.6	0.3	10.6	0.3
4247	Petroleum and Petroleum Products	4.1	4.6	0.5	3.4	0.5
4248	Beer, Wine, and Distilled Alcoholic Beverages	5.0	5.0	0.2	18.9	0.2
4249	Miscellaneous Nondurable Goods	4.1	4.1	0.4	29.7	0.4
42	U.S. Manufacturers' Sales Branches and Offices	1.3	1.3	0.2	3.6	0.2
423	Durable goods	1.7	1.9	0.3	11.1	0.3
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	1.7	1.7	Z	1.4	Z
4232	Furniture and Home Furnishings	S	2.8	S	17.1	S
4233	Lumber & Other Construction Materials	10.4	10.5	Z	6.2	Z
4234	Professional and Commercial Equipment and Supplies	1.5	1.6	Z	1.4	Z
42343	Computer and Computer Peripheral Equipment and Software	2.9	D	D	D	D
4235	Metals and Minerals, ex. Petroleum	3.2	2.6	0.5	S	S
4236	Electrical Goods	3.4	4.2	2.2	S	S
4237	Hardware, and Plumbing and Heating Equipment and Supplies	10.1	10.3	0.2	9.4	0.2
4238	Machinery, Equipment, and Supplies	4.8	S	S	S	S
4239	Miscellaneous Durable Goods	17.9	S	S	S	S
424	Nondurable goods	1.6	1.7	0.2	2.4	0.2
4241	Paper and Paper Products	2.2	2.2	Z	3.3	Z
4242	Drugs and Druggists' Sundries	2.2	2.2	0.1	2.9	0.1
4243	Apparel, Piece Goods, and Notions	28.8	29.4	1.6	26.7	1.6
4244	Groceries and Related Products	9.3	S	S	S	S
4246	Chemicals and Allied Products	7.0	7.0	0.5	S	S
4247	Petroleum and Petroleum Products	1.6	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	2.1	D	D	D	D
4249	Miscellaneous Nondurable Goods	5.6	5.6	Z	7.6	Z

Table 7a. Estimated Measures of Sampling Variability¹ for Inventories of Merchant Wholesalers Held Inside and Outside the United States: 2005 through 2009

[Estimates are shown as percents and are based on data from the Annual Wholesale Trade Survey.]

2002 NAICS CODE	Kind of Business	2008 [†]				
		Estimated Measures of Sampling Variability ¹				
		Total Inventories	Inventories Held Inside the United States		Inventories Held Outside the United States	
			Value	As Percent of Total Inventories	Value	As Percent of Total Inventories
42	U.S. Merchant Wholesalers	0.9	0.9	0.1	3.1	0.1
423	Durable goods	1.4	1.5	0.2	5.1	0.2
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	1.8	1.9	0.2	2.9	0.2
4232	Furniture and Home Furnishings	1.4	1.4	0.3	9.6	0.3
4233	Lumber & Other Construction Materials	3.6	3.7	0.3	28.8	0.3
4234	Professional and Commercial Equipment and Supplies	2.7	2.7	0.2	8.3	0.2
42343	Computer and Computer Peripheral Equipment and Software	3.5	D	D	D	D
4235	Metals and Minerals, ex. Petroleum	2.4	2.6	0.4	10.9	0.4
4236	Electrical Goods	2.3	2.6	0.9	18.2	0.9
4237	Hardware, and Plumbing and Heating Equipment and Supplies	2.5	2.5	0.5	25.1	0.5
4238	Machinery, Equipment, and Supplies	3.3	3.3	0.3	19.4	0.3
4239	Miscellaneous Durable Goods	3.8	3.9	0.7	18.8	0.7
424	Nondurable goods	1.2	1.2	0.2	4.8	0.2
4241	Paper and Paper Products	2.8	2.8	0.1	20.2	0.1
4242	Drugs and Druggists' Sundries	1.9	1.9	0.1	3.2	0.1
4243	Apparel, Piece Goods, and Notions	4.0	4.3	1.1	10.2	1.1
4244	Groceries and Related Products	6.6	6.7	1.1	S	S
4245	Farm Product Raw Materials	5.3	5.1	0.2	S	S
4246	Chemicals and Allied Products	4.6	4.5	0.2	13.8	0.2
4247	Petroleum and Petroleum Products	2.1	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	4.3	D	D	D	D
4249	Miscellaneous Nondurable Goods	3.0	3.0	0.3	28.2	0.3
42	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	0.9	1.0	0.2	4.4	0.2
423	Durable goods	1.4	1.5	0.2	6.4	0.2
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	2.2	2.4	0.2	3.2	0.2
4232	Furniture and Home Furnishings	1.4	1.5	0.3	10.0	0.3
4233	Lumber & Other Construction Materials	3.0	3.0	0.4	S	S
4234	Professional and Commercial Equipment and Supplies	3.4	3.4	0.3	9.8	0.3
42343	Computer and Computer Peripheral Equipment and Software	4.3	4.3	0.3	6.7	0.3
4235	Metals and Minerals, ex. Petroleum	3.4	3.5	0.5	12.9	0.5
4236	Electrical Goods	2.5	2.9	1.1	21.1	1.1
4237	Hardware, and Plumbing and Heating Equipment and Supplies	2.4	2.4	0.5	26.5	0.5
4238	Machinery, Equipment, and Supplies	3.6	3.7	0.3	23.6	0.3
4239	Miscellaneous Durable Goods	3.8	3.9	0.7	19.1	0.7
424	Nondurable goods	1.5	1.4	0.3	7.5	0.3
4241	Paper and Paper Products	3.6	3.6	0.2	20.6	0.2
4242	Drugs and Druggists' Sundries	3.0	3.0	0.1	17.7	0.1
4243	Apparel, Piece Goods, and Notions	3.7	4.1	1.1	11.2	1.1
4244	Groceries and Related Products	7.6	7.5	1.3	S	S
4245	Farm Product Raw Materials	5.3	5.1	0.2	S	S
4246	Chemicals and Allied Products	5.7	5.7	0.3	13.4	0.3
4247	Petroleum and Petroleum Products	3.7	4.3	0.6	3.4	0.6
4248	Beer, Wine, and Distilled Alcoholic Beverages	4.6	4.6	0.3	S	S
4249	Miscellaneous Nondurable Goods	3.2	3.2	0.4	29.5	0.4
42	U.S. Manufacturers' Sales Branches and Offices	1.2	1.2	0.1	3.8	0.1
423	Durable goods	1.7	1.8	0.3	11.1	0.3
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	1.6	1.6	Z	1.4	Z
4232	Furniture and Home Furnishings	3.2	3.2	0.7	24.4	0.7
4233	Lumber & Other Construction Materials	10.4	10.5	Z	6.2	Z
4234	Professional and Commercial Equipment and Supplies	1.7	1.7	Z	1.8	Z
42343	Computer and Computer Peripheral Equipment and Software	3.5	D	D	D	D
4235	Metals and Minerals, ex. Petroleum	4.0	3.4	1.0	S	S
4236	Electrical Goods	4.1	4.2	1.4	S	S
4237	Hardware, and Plumbing and Heating Equipment and Supplies	8.2	8.3	0.1	12.6	0.1
4238	Machinery, Equipment, and Supplies	5.5	S	S	S	S
4239	Miscellaneous Durable Goods	16.4	17.2	1.5	27.3	1.5
424	Nondurable goods	1.6	1.6	0.1	2.6	0.1
4241	Paper and Paper Products	2.2	S	S	S	S
4242	Drugs and Druggists' Sundries	2.2	2.2	0.1	2.8	0.1
4243	Apparel, Piece Goods, and Notions	22.8	23.4	1.5	20.6	1.5
4244	Groceries and Related Products	8.9	9.0	0.1	8.9	0.1
4246	Chemicals and Allied Products	6.0	6.0	0.2	29.8	0.2
4247	Petroleum and Petroleum Products	1.5	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	2.1	D	D	D	D
4249	Miscellaneous Nondurable Goods	5.6	5.6	Z	7.6	Z

Table 7a. Estimated Measures of Sampling Variability¹ for Inventories of Merchant Wholesalers Held Inside and Outside the United States: 2005 through 2009

[Estimates are shown as percents and are based on data from the Annual Wholesale Trade Survey.]

2002 NAICS CODE	Kind of Business	2007 [†]				
		Estimated Measures of Sampling Variability ¹				
		Total Inventories	Inventories Held Inside the United States		Inventories Held Outside the United States	
Value	As Percent of Total Inventories		Value	As Percent of Total Inventories		
42	U.S. Merchant Wholesalers	0.8	0.9	0.1	2.9	0.1
423	Durable goods	1.2	1.2	0.2	3.9	0.2
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	1.4	1.5	0.3	3.5	0.3
4232	Furniture and Home Furnishings	1.8	1.9	0.3	10.2	0.3
4233	Lumber & Other Construction Materials	3.3	3.4	0.3	21.6	0.3
4234	Professional and Commercial Equipment and Supplies	2.5	2.4	0.4	11.4	0.4
42343	Computer and Computer Peripheral Equipment and Software	3.0	3.0	1.1	19.7	1.1
4235	Metals and Minerals, ex. Petroleum	2.4	2.7	0.6	13.6	0.6
4236	Electrical Goods	2.0	2.4	0.9	14.8	0.9
4237	Hardware, and Plumbing and Heating Equipment and Supplies	2.2	2.0	0.3	28.1	0.3
4238	Machinery, Equipment, and Supplies	3.0	2.9	0.3	19.3	0.3
4239	Miscellaneous Durable Goods	3.8	4.2	0.9	19.4	0.9
424	Nondurable goods	1.1	1.1	0.2	5.6	0.2
4241	Paper and Paper Products	2.1	2.1	0.2	S	S
4242	Drugs and Druggists' Sundries	2.3	2.2	0.3	17.8	0.3
4243	Apparel, Piece Goods, and Notions	4.2	4.5	0.9	9.2	0.9
4244	Groceries and Related Products	4.7	4.5	1.3	S	S
4245	Farm Product Raw Materials	4.1	4.1	0.2	S	S
4246	Chemicals and Allied Products	3.5	3.6	0.2	14.4	0.2
4247	Petroleum and Petroleum Products	2.4	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	3.0	D	D	D	D
4249	Miscellaneous Nondurable Goods	2.9	S	S	S	S
42	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	0.8	0.9	0.2	4.5	0.2
423	Durable goods	1.3	1.4	0.2	4.9	0.2
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	1.8	2.0	0.4	3.9	0.4
4232	Furniture and Home Furnishings	2.3	2.5	0.4	10.7	0.4
4233	Lumber & Other Construction Materials	3.0	3.1	0.3	25.5	0.3
4234	Professional and Commercial Equipment and Supplies	3.1	2.9	0.5	13.0	0.5
42343	Computer and Computer Peripheral Equipment and Software	3.6	3.5	1.4	23.5	1.4
4235	Metals and Minerals, ex. Petroleum	3.3	3.6	0.8	17.3	0.8
4236	Electrical Goods	2.1	2.6	1.0	16.4	1.0
4237	Hardware, and Plumbing and Heating Equipment and Supplies	2.1	1.9	0.4	29.7	0.4
4238	Machinery, Equipment, and Supplies	3.3	3.3	0.3	23.3	0.3
4239	Miscellaneous Durable Goods	4.1	4.4	0.9	20.1	0.9
424	Nondurable goods	1.3	1.3	0.3	10.4	0.3
4241	Paper and Paper Products	2.8	2.8	0.4	S	S
4242	Drugs and Druggists' Sundries	3.3	3.4	0.1	17.4	0.1
4243	Apparel, Piece Goods, and Notions	3.8	4.2	1.0	10.2	1.0
4244	Groceries and Related Products	5.4	4.8	1.5	S	S
4245	Farm Product Raw Materials	4.1	4.1	0.2	S	S
4246	Chemicals and Allied Products	3.8	4.0	0.4	17.8	0.4
4247	Petroleum and Petroleum Products	4.5	4.9	0.4	3.2	0.4
4248	Beer, Wine, and Distilled Alcoholic Beverages	3.2	3.2	0.3	S	S
4249	Miscellaneous Nondurable Goods	3.0	S	S	S	S
42	U.S. Manufacturers' Sales Branches and Offices	1.3	1.3	0.2	4.5	0.2
423	Durable goods	1.4	1.5	0.3	10.3	0.3
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	1.6	1.6	Z	1.5	Z
4232	Furniture and Home Furnishings	2.4	2.4	0.6	21.8	0.6
4233	Lumber & Other Construction Materials	7.7	7.8	0.1	6.2	0.1
4234	Professional and Commercial Equipment and Supplies	1.8	1.5	0.3	11.8	0.3
42343	Computer and Computer Peripheral Equipment and Software	3.9	4.2	0.2	1.0	0.2
4235	Metals and Minerals, ex. Petroleum	3.8	3.2	0.9	S	S
4236	Electrical Goods	3.8	3.9	1.0	S	S
4237	Hardware, and Plumbing and Heating Equipment and Supplies	7.8	7.9	0.1	13.0	0.1
4238	Machinery, Equipment, and Supplies	4.8	S	S	S	S
4239	Miscellaneous Durable Goods	13.9	14.8	1.5	26.2	1.5
424	Nondurable goods	1.7	1.8	0.3	5.1	0.3
4241	Paper and Paper Products	2.1	2.1	Z	3.1	Z
4242	Drugs and Druggists' Sundries	1.9	2.5	1.2	21.2	1.2
4243	Apparel, Piece Goods, and Notions	22.6	24.2	1.4	15.4	1.4
4244	Groceries and Related Products	6.2	6.3	0.1	8.6	0.1
4246	Chemicals and Allied Products	5.2	5.2	0.1	24.0	0.1
4247	Petroleum and Petroleum Products	1.7	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	2.0	D	D	D	D
4249	Miscellaneous Nondurable Goods	7.2	7.3	0.3	15.8	0.3

Table 7a. Estimated Measures of Sampling Variability¹ for Inventories of Merchant Wholesalers Held Inside and Outside the United States: 2005 through 2009

[Estimates are shown as percents and are based on data from the Annual Wholesale Trade Survey.]

2002 NAICS CODE	Kind of Business	2006 ^r				
		Estimated Measures of Sampling Variability ¹				
		Total Inventories	Inventories Held Inside the United States		Inventories Held Outside the United States	
			Value	As Percent of Total Inventories	Value	As Percent of Total Inventories
42	U.S. Merchant Wholesalers	1.0	1.0	0.1	2.3	0.1
423	Durable goods	1.2	1.3	0.1	3.3	0.1
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	1.3	1.4	0.2	3.2	0.2
4232	Furniture and Home Furnishings	3.8	4.0	0.3	8.1	0.3
4233	Lumber & Other Construction Materials	4.5	4.5	0.4	27.7	0.4
4234	Professional and Commercial Equipment and Supplies	3.0	3.1	0.5	12.7	0.5
42343	Computer and Computer Peripheral Equipment and Software	3.8	3.4	1.1	27.6	1.1
4235	Metals and Minerals, ex. Petroleum	3.5	3.6	0.4	13.2	0.4
4236	Electrical Goods	3.5	3.9	0.7	11.7	0.7
4237	Hardware, and Plumbing and Heating Equipment and Supplies	3.7	3.5	0.3	26.2	0.3
4238	Machinery, Equipment, and Supplies	2.9	2.8	0.2	14.9	0.2
4239	Miscellaneous Durable Goods	6.0	6.0	0.6	19.9	0.6
424	Nondurable goods	1.3	1.3	0.1	4.8	0.1
4241	Paper and Paper Products	3.5	S	S	S	S
4242	Drugs and Druggists' Sundries	2.5	2.5	0.2	8.8	0.2
4243	Apparel, Piece Goods, and Notions	4.9	5.0	0.6	8.6	0.6
4244	Groceries and Related Products	5.2	5.0	0.7	S	S
4245	Farm Product Raw Materials	5.5	5.6	0.7	S	S
4246	Chemicals and Allied Products	7.4	7.5	0.3	16.8	0.3
4247	Petroleum and Petroleum Products	1.9	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	2.8	2.9	0.4	S	S
4249	Miscellaneous Nondurable Goods	4.6	D	D	D	D
42	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	1.2	1.2	0.1	3.1	0.1
423	Durable goods	1.5	1.6	0.2	3.7	0.2
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	2.0	2.2	0.3	3.7	0.3
4232	Furniture and Home Furnishings	4.4	4.6	0.4	9.4	0.4
4233	Lumber & Other Construction Materials	4.6	4.6	0.4	28.7	0.4
4234	Professional and Commercial Equipment and Supplies	4.0	4.1	0.7	15.4	0.7
42343	Computer and Computer Peripheral Equipment and Software	4.6	3.9	1.4	S	S
4235	Metals and Minerals, ex. Petroleum	4.1	4.4	0.5	13.8	0.5
4236	Electrical Goods	4.4	5.0	0.9	12.3	0.9
4237	Hardware, and Plumbing and Heating Equipment and Supplies	4.0	3.7	0.3	28.1	0.3
4238	Machinery, Equipment, and Supplies	3.1	3.1	0.3	17.5	0.3
4239	Miscellaneous Durable Goods	6.3	6.2	0.6	22.8	0.6
424	Nondurable goods	1.6	1.5	0.2	8.3	0.2
4241	Paper and Paper Products	5.1	S	S	S	S
4242	Drugs and Druggists' Sundries	3.1	3.1	0.1	26.3	0.1
4243	Apparel, Piece Goods, and Notions	3.6	3.8	0.6	7.2	0.6
4244	Groceries and Related Products	6.4	5.9	0.8	S	S
4245	Farm Product Raw Materials	5.5	5.6	0.7	S	S
4246	Chemicals and Allied Products	5.6	5.7	0.4	17.1	0.4
4247	Petroleum and Petroleum Products	4.2	4.5	0.4	3.6	0.4
4248	Beer, Wine, and Distilled Alcoholic Beverages	3.0	3.1	0.4	S	S
4249	Miscellaneous Nondurable Goods	4.9	S	S	S	S
42	U.S. Manufacturers' Sales Branches and Offices	1.6	1.7	0.1	3.3	0.1
423	Durable goods	2.1	2.1	0.1	5.7	0.1
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	2.3	2.3	Z	2.2	Z
4232	Furniture and Home Furnishings	4.4	4.4	0.7	S	S
4233	Lumber & Other Construction Materials	7.5	7.5	Z	5.4	Z
4234	Professional and Commercial Equipment and Supplies	2.4	2.4	0.2	7.1	0.2
42343	Computer and Computer Peripheral Equipment and Software	4.9	5.0	0.5	12.6	0.5
4235	Metals and Minerals, ex. Petroleum	3.4	2.8	0.5	S	S
4236	Electrical Goods	6.7	6.8	0.3	13.2	0.3
4237	Hardware, and Plumbing and Heating Equipment and Supplies	7.7	7.7	0.1	12.3	0.1
4238	Machinery, Equipment, and Supplies	5.7	S	S	S	S
4239	Miscellaneous Durable Goods	13.6	S	S	S	S
424	Nondurable goods	2.7	2.7	0.2	4.7	0.2
4241	Paper and Paper Products	2.0	2.0	Z	2.8	Z
4242	Drugs and Druggists' Sundries	2.3	2.5	0.6	9.5	0.6
4243	Apparel, Piece Goods, and Notions	21.1	20.1	0.9	S	S
4244	Groceries and Related Products	8.1	8.4	0.8	S	S
4246	Chemicals and Allied Products	14.8	14.9	0.2	S	S
4247	Petroleum and Petroleum Products	1.7	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	1.8	1.8	0.0	ZZ	ZZ
4249	Miscellaneous Nondurable Goods	7.2	D	D	D	D

Table 7a. Estimated Measures of Sampling Variability¹ for Inventories of Merchant Wholesalers Held Inside and Outside the United States: 2005 through 2009

[Estimates are shown as percents and are based on data from the Annual Wholesale Trade Survey.]

2002 NAICS CODE	Kind of Business	2005 ^r				
		Estimated Measures of Sampling Variability ¹				
		Total Inventories	Inventories Held Inside the United States		Inventories Held Outside the United States	
			Value	As Percent of Total Inventories	Value	As Percent of Total Inventories
42	U.S. Merchant Wholesalers	1.0	1.1	0.1	3.6	0.1
423	Durable goods	1.4	1.5	0.2	5.0	0.2
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	1.8	1.9	0.2	2.4	0.2
4232	Furniture and Home Furnishings	3.7	3.7	0.4	15.6	0.4
4233	Lumber & Other Construction Materials	4.2	4.1	0.5	S	S
4234	Professional and Commercial Equipment and Supplies	2.8	2.7	0.6	13.4	0.6
42343	Computer and Computer Peripheral Equipment and Software	3.9	3.4	1.1	25.7	1.1
4235	Metals and Minerals, ex. Petroleum	3.4	3.5	0.3	12.8	0.3
4236	Electrical Goods	3.1	3.5	0.8	14.7	0.8
4237	Hardware, and Plumbing and Heating Equipment and Supplies	3.1	3.0	0.2	S	S
4238	Machinery, Equipment, and Supplies	3.3	3.3	0.3	22.2	0.3
4239	Miscellaneous Durable Goods	7.2	7.4	0.6	14.2	0.6
424	Nondurable goods	1.1	1.1	0.2	5.6	0.2
4241	Paper and Paper Products	3.7	3.6	0.5	29.6	0.5
4242	Drugs and Druggists' Sundries	2.3	2.4	0.2	7.1	0.2
4243	Apparel, Piece Goods, and Notions	5.1	4.9	0.5	10.9	0.5
4244	Groceries and Related Products	4.7	4.5	1.0	S	S
4245	Farm Product Raw Materials	6.0	5.8	0.3	S	S
4246	Chemicals and Allied Products	6.2	6.3	0.2	15.7	0.2
4247	Petroleum and Petroleum Products	1.8	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	3.9	D	D	D	D
4249	Miscellaneous Nondurable Goods	4.6	4.6	0.2	18.6	0.2
42	U.S. Merchant Wholesalers, Except Manufacturers' Sales Branches and Offices	1.2	1.2	0.2	4.7	0.2
423	Durable goods	1.8	1.9	0.2	5.5	0.2
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	2.8	2.9	0.3	2.9	0.3
4232	Furniture and Home Furnishings	4.2	4.2	0.4	16.7	0.4
4233	Lumber & Other Construction Materials	4.4	4.2	0.6	S	S
4234	Professional and Commercial Equipment and Supplies	3.7	3.6	0.7	15.4	0.7
42343	Computer and Computer Peripheral Equipment and Software	4.9	4.2	1.4	S	S
4235	Metals and Minerals, ex. Petroleum	4.4	4.6	0.4	14.3	0.4
4236	Electrical Goods	4.0	4.6	1.0	15.6	1.0
4237	Hardware, and Plumbing and Heating Equipment and Supplies	3.7	3.5	0.2	S	S
4238	Machinery, Equipment, and Supplies	3.6	3.6	0.3	26.6	0.3
4239	Miscellaneous Durable Goods	7.7	7.9	0.6	16.8	0.6
424	Nondurable goods	1.3	1.3	0.3	10.5	0.3
4241	Paper and Paper Products	4.8	4.8	0.7	S	S
4242	Drugs and Druggists' Sundries	2.7	2.7	Z	14.4	Z
4243	Apparel, Piece Goods, and Notions	3.6	3.6	0.5	8.8	0.5
4244	Groceries and Related Products	5.8	5.3	1.1	S	S
4245	Farm Product Raw Materials	6.0	5.8	0.3	S	S
4246	Chemicals and Allied Products	4.3	4.4	0.4	14.6	0.4
4247	Petroleum and Petroleum Products	3.9	4.1	0.4	3.6	0.4
4248	Beer, Wine, and Distilled Alcoholic Beverages	4.2	4.3	0.5	S	S
4249	Miscellaneous Nondurable Goods	5.3	5.3	0.3	20.8	0.3
42	U.S. Manufacturers' Sales Branches and Offices	1.4	1.4	0.1	2.8	0.1
423	Durable goods	1.5	1.6	0.1	4.3	0.1
4231	Motor Vehicle and Motor Vehicle Parts and Supplies	2.3	2.3	Z	2.2	Z
4232	Furniture and Home Furnishings	3.8	3.8	0.3	16.3	0.3
4233	Lumber & Other Construction Materials	7.5	7.5	0.1	5.4	0.1
4234	Professional and Commercial Equipment and Supplies	2.4	2.3	0.2	6.7	0.2
42343	Computer and Computer Peripheral Equipment and Software	5.2	S	S	S	S
4235	Metals and Minerals, ex. Petroleum	3.0	2.5	0.4	S	S
4236	Electrical Goods	5.0	S	S	S	S
4237	Hardware, and Plumbing and Heating Equipment and Supplies	6.1	6.1	0.1	S	S
4238	Machinery, Equipment, and Supplies	5.4	5.3	0.3	15.8	0.3
4239	Miscellaneous Durable Goods	14.1	S	S	S	S
424	Nondurable goods	2.3	2.3	0.2	4.0	0.2
4241	Paper and Paper Products	2.1	2.1	Z	2.7	Z
4242	Drugs and Druggists' Sundries	2.3	2.5	0.5	8.2	0.5
4243	Apparel, Piece Goods, and Notions	22.6	21.0	0.8	S	S
4244	Groceries and Related Products	7.3	7.5	0.2	9.6	0.2
4246	Chemicals and Allied Products	13.3	13.2	0.2	S	S
4247	Petroleum and Petroleum Products	1.6	D	D	D	D
4248	Beer, Wine, and Distilled Alcoholic Beverages	1.8	D	D	D	D
4249	Miscellaneous Nondurable Goods	7.4	7.4	0.1	8.1	0.1

Table 7a. **Estimated Measures of Sampling Variability¹ for Inventories of Merchant Wholesalers Held Inside and Outside the United States: 2005 through 2009**

[Estimates are shown as percents and are based on data from the Annual Wholesale Trade Survey.]

Note:

Z - Estimate is less than 0.05%.

ZZ - Indicates that the corresponding estimate in Table 7 is less than five hundred thousand dollars or 0.05%.

D - Indicates that the corresponding estimate in Table 7 is withheld to avoid disclosing data of individual companies; data are included in higher level totals.

S - Corresponding estimate in Table 7 does not meet publication standards because of high sampling variability (coefficient of variation is greater than 30%) or poor response quality (total quantity response rate is less than 50%). For a description of publication standards and the total quantity response rate, see <http://www.census.gov/quality/standards/standardf1.html>.

There are no manufacturers' sales branches and offices in NAICS code 4245.

Additional information on confidentiality protection, sampling error, sample design, and definitions may be found at http://www.census.gov/wholesale/www/how_surveys_are_collected/annual_methodology.html.

Footnotes:

¹ Estimates of sampling variability for total inventories, the value of inventories held inside the United States and the value of inventories held outside the United States are measured as coefficients of variation. Estimates of sampling variability for inventories held inside the United States as a percent of total inventories and inventories held outside the United States as a percent of total inventories are measured as standard errors.

[†] Revised data.

APPENDIX A

Annual Wholesale Trade Survey – Sampling Frame

The sampling frame used for the Annual Wholesale Trade Survey has two types of sampling units: Employer Identification Numbers and large, multiple-establishment firms. Both sampling units represent clusters of one or more establishments owned or controlled by the same firm. The information used to create these sampling units was extracted from data collected as part of the 2002 Economic Census and from establishment records contained on the Census Bureau's Business Register as updated to December 2004. The next few paragraphs give details about the Business Register; the distinction between firms, Employer Identification Numbers, and establishments; and the construction of the sampling units. Though important, they are not essential to understanding the basic sample design and readers may continue to the Stratification, Sampling Rates, and Allocation section.

The Business Register is a multi-relational database that contains a record for each known establishment that is located in the United States or one of its territories and has paid employees. An establishment is a single physical location where business transactions take place and for which payroll and employment records are kept. Groups of one or more establishments under common ownership or control are firms. A single-unit firm owns or operates only one establishment. A multiunit firm owns or operates two or more establishments. The treatment of establishments on the Business Register differs according to whether the establishment is part of a single-unit or multiunit firm. In particular, the structure of an establishment's primary identifier on the Business Register differs depending on whether it is owned by a single-unit firm or by a multiunit firm.

A single-unit firm's primary identifier is its Employer Identification Number. The Internal Revenue Service (IRS) issues the Employer Identification Number, and the firm uses it as an identifier to report social security payments for its employees under the Federal Insurance Contributions Act (FICA). The same act requires all employer firms to use Employer Identification Numbers. Each employer firm is associated with at least one Employer Identification Number and only one firm can use a given Employer Identification Number. Because a single-unit firm has only one establishment, there is a one-to-one relationship between the firm and the Employer Identification Number. Thus the firm, the Employer Identification Number, and the establishment all reference the same physical location and all three terms can be used interchangeably and unambiguously when referring to a single-unit firm.

For multiunit firms however, a different structure connects the firm with its establishments via the Employer Identification Number. Essentially a multiunit firm is associated with a cluster of one or more Employer Identification Numbers and Employer Identification Numbers are associated with one or more establishments. A multiunit firm consists of at least two establishments. Each firm is associated with at least one Employer Identification Number and only one firm can use a given Employer Identification Number. However, one multiunit firm may have several Employer Identification Numbers. Similarly, there is a one-to-many relationship between Employer Identification Numbers and establishments. Each Employer

Identification Number can be associated with many establishments but each establishment is associated with only one Employer Identification Number. Because of the possibility of one-to-many relationships, we must distinguish between the firm, its Employer Identification Numbers, and its establishments. The multiunit firm that owns or controls a particular establishment is identified on the Business Register by way of the establishment's primary identifier.

The primary identifier of an establishment owned by a multiunit firm consists of a unique combination of an alpha number and a plant number. The alpha number identifies the multiunit firm, and the plant number identifies a particular establishment within that firm. All establishments owned or controlled by the same multiunit firm have the same alpha number. Different multiunit firms have different alpha numbers, and different establishments within the same multiunit firm have different plant numbers. The Census Bureau assigns both the alpha number to the multiunit firm and plant numbers to the corresponding establishments based on the results of the quinquennial economic census and the annual Company Organization Survey.

To create the sampling frame, we extract the records for all employer establishments located in the United States and classified in the Wholesale Trade sector as defined by the 2002 North American Industry Classification System. For these establishments we extract sales, payroll, employment, name and address information, wholesale type of operation code (TOC), as well as primary identifiers and, for establishments owned by multiunit firms, associated Employer Identification Numbers. We use the Type of Operation Code to distinguish between different types of wholesale establishments. To create the sampling units for multiunit firms, we aggregate the economic data of the establishments owned by these firms to an Employer Identification Number level by tabulating the establishment data for all wholesale establishments associated with the same Employer Identification Number. Similarly, we aggregate the data to a multiunit firm level by tabulating the establishment data for all wholesale establishments associated with the same alpha number. In some cases, a multiunit firm has establishments active in more than one wholesale type of operation (merchant wholesalers excluding Manufacturer's Sales Branches and Offices, Manufacturer's Sales Branches and Offices, or agents and brokers). In these situations, separate Employer Identification Number level and firm level sampling units are created for each type of operation. No aggregation is necessary to put single-unit establishment information on an Employer Identification Number basis or a firm basis. Thus, the sampling units created for single-unit firms simultaneously represent establishment, Employer Identification Number, and firm information. In summary, the sampling frame is a complex amalgam of establishments, Employer Identification Numbers, and firms.

APPENDIX B

Annual Wholesale Trade Survey – Sample Stratification, Selection and Maintenance

Stratification

The primary stratification of the sampling frame is by industry group based on the detail required for publication. We further stratify the sampling units within industry group by a measure of size (substratify) related to their annual sales. Sampling units expected to have a large effect on the precision of the estimates are selected "with certainty." This means they are sure to be selected and will represent only themselves (i.e., have a selection probability of 1 and a sampling weight of 1). Within each industry stratum, we determine a substratum boundary (or cutoff) that divides the certainty units from the noncertainty units. We base these cutoffs on a statistical analysis of data from the 2002 Economic Census. Accordingly, these values are on a 2002 sales basis. We also used this analysis to determine the number of size substrata for each industry stratum and to set preliminary sampling rates needed to achieve specified sampling variability constraints on sales estimates for different industry groups. The size substrata and sampling rates are later updated through analysis of the sampling frame.

Sample Selection

The first step in the sample selection identified firms selected with certainty. If a firm's annual sales or end-of-year inventories were greater than the corresponding certainty cutoff, that firm was selected into the Annual Wholesale Trade Survey sample with certainty.

All firms not selected with certainty were subjected to sampling on an Employer Identification Number basis. If a firm had more than one Employer Identification Number, we treated each of its Employer Identification Numbers as a separate sampling unit. To be eligible for the initial sampling, an Employer Identification Number had to have nonzero payroll in 2003. The Employer Identification Numbers were stratified according to their major industry and their estimated sales (on a 2002 basis). Within each noncertainty stratum, a simple random sample of Employer Identification Numbers was selected without replacement. This process was done separately for each wholesale type of operation. The selected noncertainty Employer Identification Numbers were divided into two approximately equal groups. For wholesale merchants excluding Manufacturer's Sales Branches and Offices, one group is canvassed for both the monthly and the annual survey, the other group is canvassed for only the annual survey. The Manufacturer's Sales Branch and Office and Agents and Brokers samples are only canvassed in the annual survey. However, Employer Identification Numbers selected into the Manufacturer's Sales Branch and Office or Agent and Broker sample are included in the monthly sample if that Employer Identification Number had activity inscope to the monthly survey.

Sample Maintenance

Periodically, we update the samples to represent new Employer Identification Numbers appearing on the Business Register. These new Employer Identification Numbers, called births, are Employer Identification Numbers recently assigned by the IRS on the latest available IRS mailing list for FICA taxpayers and assigned an industry classification (if possible) by the Social Security Administration (SSA).

Employer Identification Number births are sampled on a quarterly basis using a two-phase selection procedure. To be eligible for selection, a birth must either have no industry classification or be classified in an industry within the scope of the Annual Wholesale Trade Survey, the Annual Retail Trade Survey (ARTS), or the Service Annual Survey (SAS), and it must meet certain criteria regarding its number of paid employees or quarterly payroll. In the first phase, births are stratified by broad industry groups and a measure of size based on quarterly payroll. A relatively large sample is selected using equal probability systematic sampling. The selected births are canvassed to obtain a more reliable measure of size, consisting of sales in two recent months, company affiliation information, and a new or more detailed industry classification code. Births that have not returned their questionnaire after 30 days are contacted by telephone.

Using this more reliable information, the selected births from the first phase are subjected to probability proportional-to-size sampling with overall probabilities equivalent to those used in drawing the initial Annual Wholesale Trade Survey sample from the December 2004 Business Register. Because of the time it takes for a new employer firm to acquire an Employer Identification Number from the IRS, and because of the time needed to accomplish the two-phase birth-selection procedure, births are added to the samples approximately nine months after they begin operation.

If a firm was selected with certainty and had more than one establishment at the time of sampling, any new establishments that the firm acquires, even if under new or different Employer Identification Numbers, are included in the sample with certainty. However, if a single-unit firm was selected with certainty, only future establishments associated with that firm's originally-selected Employer Identification Number are included in the sample with certainty; any new Employer Identification Numbers that might later be associated with that firm are subjected to sampling through the quarterly birth-selection procedure.

Single-unit Employer Identification Numbers selected into the sample with certainty are not dropped from canvass and tabulation if they are no longer on the IRS mailing list. Rather, the firm that used the Employer Identification Number is contacted, and if a successor Employer Identification Number is found, it is added to the survey. For both inactive and reactivated Employer Identification Numbers, data are tabulated for only the portion of the reference year that these Employer Identification Numbers reported payroll to the IRS.

Births that are selected in the quarterly birth-selection procedure in November of the annual survey reference year are included in the initial mailing of the annual survey questionnaires in January of the following year. To better represent all Employer Identification Number births in the reference year, and specifically to account for the lag between the time a business starts operation and the time it takes to acquire an Employer Identification Number and identify and select the Employer Identification Number into one of our surveys, we add births to the annual survey sample that are selected in February, May, and August of the year following the annual survey reference year. We mail annual survey forms to these births in June and August to supplement the initial annual survey mailings.

APPENDIX C

Annual Wholesale Trade Survey – Imputation

A potential source of bias in the estimates is nonresponse. Nonresponse is defined as the inability to obtain all the intended measurements or responses about all selected units. Two types of nonresponse are often distinguished. *Unit nonresponse* is used to describe the inability to obtain any of the substantive measurements about a sampled unit. In most cases of unit nonresponse, the questionnaire was never returned to the Census Bureau after several attempts to elicit a response. *Item nonresponse* occurs either when a question is unanswered or the response to the question fails computer or analyst edits. For both unit and item nonresponse, a missing value is replaced by a predicted value obtained from an appropriate model for nonresponse. This procedure is called imputation and uses survey data and administrative data as input. In any given year, the dollar volume of imputed data amounts to:

- Approximately 6-11 percent of the total sales estimate for merchant wholesale (excluding MSBOs).
- Approximately 5-10 percent of the total end-of-year inventory estimate for merchant wholesale (excluding MSBOs).
- Approximately 13-19 percent of the total purchases estimate for merchant wholesale (excluding MSBOs).
- Approximately 18-23 percent of the total operating expenses estimate for merchant wholesale (excluding MSBOs).
- Approximately 25-30 percent of the total sales estimate for MSBOs.
- Approximately 18-25 percent of the total end-of-year inventory estimate for MSBOs.
- Approximately 22-28 percent of the total operating expenses estimate for MSBOs.
- Approximately 17-20 percent of the sales estimate for agents and brokers.
- Approximately 21-26 percent of the total operating expenses estimate for agents and brokers.
- Approximately 33-35 percent of the total commissions estimate for agents and brokers.
- Approximately 32-38 percent of the gross selling value estimate for agents and brokers.
- Approximately 17-32 percent of the sales on own account estimate for agents and brokers.

APPENIX D

Annual Wholesale Trade Survey – Estimation Procedures

Estimates of annual sales and end-of-year inventories are derived from data collected in the AWTS. Firms in the AWTS sample are asked to report their sales and inventory data for the year just ending. Two years of data are requested in the year in which a new sample is introduced. Annual totals are computed as the sum of weighted data (reported and imputed) for all selected sampling units that meet the sample canvass and tabulation criteria given above. The weight for a given sampling unit is the reciprocal of its probability of selection into the AWTS sample. The annual estimates are adjusted using results of the 2002 Economic Census. Annual total estimates for broad industry groups (e.g., 2-, 3-, and 4-digit NAICS levels) are computed by summing the census-adjusted annual totals for the appropriate detailed industries comprising the broader industry group. Year-to-year change estimates are computed using the Census-adjusted annual totals. To be eligible for the sample canvass and tabulation, an EIN selected in the noncertainty sampling operations must meet both of the following requirements:

- It must be on the latest available IRS mailing list for FICA taxpayers from the previous quarter.
- It must have been selected from the Business Register in either the initial sampling or during the quarterly birth-selection procedure.

Variances are estimated using the method of random groups.

Reliability of the Estimates

Estimates in published tables are based on data from the Monthly Wholesale Trade Survey, Annual Wholesale Trade Survey, and administrative records. To maintain confidentiality, no estimates are published that would disclose the operations of an individual firm. The total error of a published estimate may be considered to be comprised of sampling error and nonsampling error. Individuals who use Monthly Wholesale Trade Survey estimates to create new estimates should cite the Census Bureau as the source of only the original estimates.

The published estimates may differ from the actual, but unknown, population values. For a particular estimate, statisticians define this difference as the total error of the estimate. When describing the accuracy of survey results, it is convenient to discuss total error as the sum of sampling error and nonsampling error. Sampling error is the error arising from the use of a sample, rather than a census, to estimate population values. Nonsampling error encompasses all other factors that contribute to the total error of a sample survey estimate. The sampling error of an estimate can usually be estimated from the sample; whereas, the nonsampling error of an estimate is difficult to measure and can rarely be estimated. Consequently, the actual error in an estimate exceeds the error that can be estimated. Further descriptions of sampling error and nonsampling error are provided

upon request. Data users should take into account the estimates of sampling error and the potential effects of nonsampling error when using the published estimates.

Sampling Error

Because the estimates are based on a sample, exact agreement with results that would be obtained from a complete enumeration of firms on the sampling frame using the same enumeration procedures is not expected. However, because each firm on the sampling frame has a known probability of being selected into the sample, it is possible to estimate the sampling variability of the survey estimates.

The particular sample used in this survey is one of a large number of samples of the same size that could have been selected using the same design. If all possible samples had been surveyed under the same conditions, an estimate of a population parameter of interest could have been obtained from each sample. For the parameter of interest, estimates derived from the different samples would, in general, differ from each other. Common measures of the variability among these estimates are the sampling variance, the standard error, and the coefficient of variation (CV). The sampling variance is defined as the squared difference, averaged over all possible samples of the same size and design, between the estimator and its average value. The standard error is the square root of the sampling variance. The CV expresses the standard error as a percentage of the estimate to which it refers. For example, an estimate of 200 units that has an estimated standard error of 10 units has an estimated CV of 5 percent. The sampling variance, standard error, and CV of an estimate can be estimated from the selected sample because the sample was selected using probability sampling. Note that measures of sampling variability, such as the standard error and CV, are estimated from the sample and are also subject to sampling variability. (Technically, we should refer to the estimated standard error or the estimated CV of an estimator. However, for the sake of brevity we have omitted this detail.) It is important to note that the standard error and CV only measure sampling variability. They do not measure any systematic biases in the estimates.

The Census Bureau recommends that individuals using published estimates incorporate this information into their analyses, as sampling error could affect the conclusions drawn from these estimates.

The estimate from a particular sample and its associated standard error can be used to construct a confidence interval. A confidence interval is a range about a given estimator that has a specified probability of containing the average of the estimates for the parameter derived from all possible samples of the same size and design. Associated with each interval is a percentage of confidence, which is interpreted as follows. If, for each possible sample, an estimate of a population parameter and its approximate standard error were obtained, then:

- For approximately 90 percent of the possible samples, the interval from 1.65 standard errors below to 1.65 standard errors above the estimate would include the average of the estimates derived from all possible samples of the same size and design.
- For approximately 95 percent of the possible samples, the interval from 1.96 standard errors below to 1.96 standard errors above the estimate would include the average of the estimates derived from all possible samples of the same size and design.

To illustrate the computation of a confidence interval for an estimate of total sales, assume that an estimate of total sales is \$10,750 million and the CV for this estimate is 1.8 percent, or 0.018. First obtain the standard error of the estimate by multiplying the total sales estimate by its CV. For this example, multiply \$10,750 million by 0.018. This yields a standard error of \$193.5 million. The upper and lower bounds of the 90-percent confidence interval are computed as \$10,750 million plus or minus 1.65 times \$193.5 million. Consequently, the 90-percent confidence interval is \$10,431 million to \$11,069 million. If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 9 out of 10 (90 percent) of these intervals would contain the average of the estimates derived from all possible samples.

Nonsampling Error

Nonsampling error encompasses all other factors, other than sampling error, that contribute to the total error of a sample survey estimate and may also occur in censuses. It is often helpful to think of nonsampling error as arising from deficiencies or mistakes in the survey process. Nonsampling errors are difficult to measure and can be attributed to many sources: the inclusion of erroneous units in the survey (overcoverage), the exclusion of eligible units from the survey (undercoverage), nonresponse, misreporting, mistakes in recording and coding responses, misinterpretation of questions, and other errors of collection, response, coverage, or processing. Although nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error.