

Table 1. U.S. Manufacturing Shipments¹ - Total and E-commerce Value: 2001 and 2000

[Estimates are based on data from the 2001 Annual Survey of Manufactures. Value of Shipments estimates are shown in millions of dollars, consequently industry group estimates may not be additive. Estimated measures of sampling variability for these estimates are provided in Table1A.]

NAICS Code	Description	Value of Shipments				Y/Y Percent Change		E-commerce as Percent of Total Shipments		Percent Distribution of E-commerce Shipments	
		2001		2000		Total Shipments	E-commerce Shipments	2001	2000	2001	2000
		Total	E-commerce	Revised Total	Revised E-commerce						
	Total Manufacturing	3,970,500	725,149	4,208,582	755,807	-5.7	-4.1	18.3	18.0	100.0	100.0
311	Food products	451,386	53,556	435,230	54,837	3.7	-2.3	11.9	12.6	7.4	7.3
312	Beverage and tobacco	118,786	45,665	111,692	42,862	6.4	6.5	38.4	38.4	6.3	5.7
313	Textile mills	45,681	4,435	52,112	5,214	-12.3	-14.9	9.7	10.0	0.6	0.7
314	Textile product mills	31,971	7,409	33,654	5,800	-5.0	27.7	23.2	17.2	1.0	0.8
315	Apparel	54,598	10,652	60,339	12,063	-9.5	-11.7	19.5	20.0	1.5	1.6
316	Leather and allied products	8,834	1,438	9,647	2,122	-8.4	-32.2	16.3	22.0	0.2	0.3
321	Wood products	87,250	4,919	93,669	5,957	-6.9	-17.4	5.6	6.4	0.7	0.8
322	Paper	155,846	20,208	165,297	20,617	-5.7	-2.0	13.0	12.5	2.8	2.7
323	Printing and related support activities	100,792	5,885	104,396	5,966	-3.5	-1.4	5.8	5.7	0.8	0.8
324	Petroleum and coal products	219,075	16,312	235,134	16,647	-6.8	-2.0	7.4	7.1	2.2	2.2
325	Chemicals	438,410	54,515	449,159	52,974	-2.4	2.9	12.4	11.8	7.5	7.0
326	Plastics and rubber products	170,717	27,409	178,236	28,400	-4.2	-3.5	16.1	15.9	3.8	3.8
327	Nonmetallic mineral products	94,861	7,895	97,329	8,174	-2.5	-3.4	8.3	8.4	1.1	1.1
331	Primary metals	138,245	14,274	156,598	15,403	-11.7	-7.3	10.3	9.8	2.0	2.0
332	Fabricated metal products	253,113	24,168	268,212	25,798	-5.6	-6.3	9.5	9.6	3.3	3.4
333	Machinery	266,553	35,799	291,548	40,441	-8.6	-11.5	13.4	13.9	4.9	5.4
334	Computer and electronic products	429,471	73,232	510,639	77,933	-15.9	-6.0	17.1	15.3	10.1	10.3
335	Electrical equipment, appliances, and components	114,067	28,019	125,443	30,003	-9.1	-6.6	24.6	23.9	3.9	4.0
336	Transportation equipment	602,496	264,368	639,861	281,396	-5.8	-6.1	43.9	44.0	36.5	37.2
337	Furniture and related products	72,147	9,347	75,107	8,400	-3.9	11.3	13.0	11.2	1.3	1.1
339	Miscellaneous	116,201	15,644	115,280	14,800	0.8	5.7	13.5	12.8	2.2	2.0

Note: Estimates are not adjusted for price changes. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/mestats.html.

¹Estimates include data only for businesses with paid employees and are subject to revision.

Source: U.S. Census Bureau, 2001 Annual Survey of Manufactures

Table 2. U.S. Merchant Wholesale Trade Sales¹ - Total and E-commerce: 2001 and 2000

[Estimates are based on data from the 2001 Annual Trade Survey. Sales estimates are shown in millions of dollars, consequently industry group estimates may not be additive.

Estimated measures of sampling variability for these estimates are provided in Table 2A.] [Revised data Tables 2, 2A, 3, 3A are available.](#)

NAICS Code	Description	Value of Sales				Y/Y Percent Change		E-commerce as Percent of Total Sales		Percent Distribution of E-commerce Sales
		2001		2000		Total Sales	E-commerce Sales	2001	2000	2001
		Total	E-commerce	Revised Total	Revised E-commerce					
42	Total Merchant Wholesale Trade	2,705,212	270,251	2,740,974	241,173	-1.3	12.1	10.0	8.8	100.0
421	Durable goods	1,347,300	122,990	1,422,406	114,241	-5.3	7.7	9.1	8.0	45.5
4211	Motor vehicles and automotive equipment	203,156	44,124	199,622	40,127	1.8	10.0	21.7	20.1	16.3
4212	Furniture and home furnishings	44,385	3,910	46,710	2,830	-5.0	38.2	8.8	6.1	1.4
4213	Lumber and other construction material	73,553	2,236	70,778	2,187	3.9	2.2	3.0	3.1	0.8
4214	Professional and commercial equipment and supplies	249,981	30,904	269,129	30,832	-7.1	0.2	12.4	11.5	11.4
42143	Computer equipment and supplies	122,458	15,776	150,402	18,948	-18.6	-16.7	12.9	12.6	5.8
4215	Metals and minerals, excluding petroleum	92,734	(S)	102,627	(S)	-9.6	(S)	(S)	(S)	(S)
4216	Electrical goods	213,767	12,342	240,013	11,087	-10.9	11.3	5.8	4.6	4.6
4217	Hardware, plumbing and heating equipment	64,813	6,487	67,084	5,977	-3.4	8.5	10.0	8.9	2.4
4218	Machinery, equipment and supplies	243,327	7,948	252,365	7,592	-3.6	4.7	3.3	3.0	2.9
4219	Miscellaneous durable goods	161,584	14,124	174,078	12,901	-7.2	9.5	8.7	7.4	5.2
422	Nondurable goods	1,357,912	147,261	1,318,568	126,932	3.0	16.0	10.8	9.6	54.5
4221	Paper and paper products	75,516	3,708	80,054	3,473	-5.7	6.8	4.9	4.3	1.4
4222	Drugs, drug proprietaries and druggists' sundries	201,299	96,754	168,454	77,790	19.5	24.4	48.1	46.2	35.8
4223	Apparel, piece goods and notions	87,362	11,840	88,922	10,284	-1.8	15.1	13.6	11.6	4.4
4224	Groceries and related products	395,590	12,101	381,990	11,435	3.6	5.8	3.1	3.0	4.5
4225	Farm-products raw materials	107,389	3,356	107,121	3,228	0.3	4.0	3.1	3.0	1.2
4226	Chemicals and allied products	59,004	(D)	58,976	(D)	0.0	(D)	(D)	(D)	(D)
4227	Petroleum and petroleum products	180,471	(D)	185,911	(D)	-2.9	(D)	(D)	(D)	(D)
4228	Beer, wine, and distilled beverages	75,274	(D)	71,551	(D)	5.2	(D)	(D)	(D)	(D)
4229	Miscellaneous nondurable goods	176,007	5,116	175,589	5,033	0.2	1.6	2.9	2.9	1.9

(S) Estimate does not meet publication standards because of high sampling variability or poor response quality. 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.

(D) Estimate is withheld to avoid disclosing data of individual companies; these data are included in higher level totals.

Note: Estimates are not adjusted for price changes. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/whstats.html.

¹ Estimates include data only for businesses with paid employees and are subject to revision.

Source: U.S. Census Bureau, 2001 Annual Trade Survey

Table 3. U.S. Merchant Wholesale Trade Sales¹ - Total and EDI: 2001 and 2000

[Estimates are based on data from the 2001 Annual Trade Survey. Sales estimates are shown in millions of dollars, consequently industry group estimates may not be additive.

Estimated measures of sampling variability for these estimates are provided in Table 3A.] [Revised data Tables 2, 2A, 3, 3A are available.](#)

NAICS Code	Description	Value of Sales				Y/Y Percent Change		EDI as Percent of Total Sales		Percent Distribution of EDI Sales	EDI as Percent of E-Commerce Sales	
		2001		2000		Total Sales	EDI Sales	2001	2000	2001	2001	2000
		Total	EDI	Revised Total	Revised EDI							
42	Total Merchant Wholesale Trade	2,705,212	233,248	2,740,974	209,099	-1.3	11.5	8.6	7.6	100.0	86.3	86.7
421	Durable goods	1,347,300	105,759	1,422,406	99,047	-5.3	6.8	7.8	7.0	45.3	86.0	86.7
4211	Motor vehicles and automotive equipment	203,156	43,841	199,622	39,929	1.8	9.8	21.6	20.0	18.8	99.4	99.5
4212	Furniture and home furnishings	44,385	2,958	46,710	2,281	-5.0	29.7	6.7	4.9	1.3	75.7	80.6
4213	Lumber and other construction material	73,553	2,177	70,778	2,146	3.9	1.4	3.0	3.0	0.9	97.4	98.1
4214	Professional and commercial equipment and supplies	249,981	22,077	269,129	21,918	-7.1	0.7	8.8	8.1	9.5	71.4	71.1
42143	Computer equipment and supplies	122,458	10,257	150,402	13,028	-18.6	-21.3	8.4	8.7	4.4	65.0	68.8
4215	Metals and minerals, excluding petroleum	92,734	(S)	102,627	(S)	-9.6	(S)	(S)	(S)	(S)	(S)	(S)
4216	Electrical goods	213,767	8,754	240,013	8,599	-10.9	1.8	4.1	3.6	3.8	70.9	77.6
4217	Hardware, plumbing and heating equipment	64,813	6,302	67,084	5,836	-3.4	8.0	9.7	8.7	2.7	97.1	97.6
4218	Machinery, equipment and supplies	243,327	6,175	252,365	6,312	-3.6	-2.2	2.5	2.5	2.6	77.7	83.1
4219	Miscellaneous durable goods	161,584	12,901	174,078	11,526	-7.2	11.9	8.0	6.6	5.5	91.3	89.3
422	Nondurable goods	1,357,912	127,489	1,318,568	110,052	3.0	15.8	9.4	8.3	54.7	86.6	86.7
4221	Paper and paper products	75,516	2,819	80,054	2,336	-5.7	20.7	3.7	2.9	1.2	76.0	67.3
4222	Drugs, drug proprietaries and druggists' sundries	201,299	88,200	168,454	70,399	19.5	25.3	43.8	41.8	37.8	91.2	90.5
4223	Apparel, piece goods and notions	87,362	10,374	88,922	9,312	-1.8	11.4	11.9	10.5	4.4	87.6	90.5
4224	Groceries and related products	395,590	6,876	381,990	6,622	3.6	3.8	1.7	1.7	2.9	56.8	57.9
4225	Farm-products raw materials	107,389	3,227	107,121	3,228	0.3	0.0	3.0	3.0	1.4	96.2	100.0
4226	Chemicals and allied products	59,004	(D)	58,976	(D)	0.0	(D)	(D)	(D)	(D)	(D)	(D)
4227	Petroleum and petroleum products	180,471	(D)	185,911	(D)	-2.9	(D)	(D)	(D)	(D)	(D)	(D)
4228	Beer, wine, and distilled beverages	75,274	(D)	71,551	(D)	5.2	(D)	(D)	(D)	(D)	(D)	(D)
4229	Miscellaneous nondurable goods	176,007	4,024	175,589	4,274	0.2	-5.8	2.3	2.4	1.7	78.7	84.9

(S) Estimate does not meet publication standards because of high sampling variability or poor response quality. 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.

(D) Estimate is withheld to avoid disclosing data of individual companies; these data are included in higher level totals.

Note: Estimates are not adjusted for price changes. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/whestats.html.

¹ Estimates include data only for businesses with paid employees and are subject to revision.

Source: U.S. Census Bureau, 2001 Annual Trade Survey

Table 4. U.S. Selected Services Revenue¹ - Total and E-commerce: 2001 and 2000

[Except where indicated, estimates are based on data from the 2001 Service Annual Survey. Revenue estimates are shown in millions of dollars, consequently industry group es may not be additive. Estimated measures of sampling variability for these estimates are provided in Table 4A.] [Revised data Table 4 is available.](#)

NAICS Code	Description	Value of Revenue				Y/Y Percent Change		E-commerce as Percent of Total Revenue		Percent Distribution of E-commerce Revenue
		2001		2000		Total Revenue	E-commerce Revenue	2001	2000	2001
		Total	E-commerce	Revised Total	E-commerce					
Total for Selected Service Industries		4,759,796	37,261	4,648,977	37,312	2.4	-0.1	0.8	0.8	100.0
Selected Transportation and Warehousing²		234,436	3,930	237,251	3,691	-1.2	6.5	1.7	1.6	10.5
484	Truck transportation	167,800	1,357	171,691	1,158	-2.3	17.2	0.8	0.7	3.6
492	Couriers and messengers	53,363	2,482	52,773	2,453	1.1	1.2	4.7	4.6	6.7
493	Warehousing and storage	13,273	(S)	12,787	(S)	3.8	(S)	(S)	(S)	(S)
51 Information		870,204	10,438	845,665	9,305	2.9	12.2	1.2	1.1	28.0
511	Publishing industries	233,110	4,941	233,327	4,748	-0.1	4.1	2.1	2.0	13.3
513	Broadcasting and telecommunications	487,538	2,516	469,707	1,880	3.8	33.8	0.5	0.4	6.8
51419	Online information services	32,390	1,850	31,438	1,997	3.0	-7.4	5.7	6.4	5.0
Selected Finance³		293,981	3,754	338,071	5,976	-13.0	-37.2	1.3	1.8	10.1
5231	Securities and commodity contracts intermediation and brokerage	195,667	3,570	232,798	5,664	-15.9	-37.0	1.8	2.4	9.6
532 Rental and Leasing Services		98,508	(S)	100,847	(S)	-2.3	(S)	(S)	(S)	(S)
Selected Professional, Scientific, and Technical Services⁴		843,847	5,309	806,789	5,550	4.6	-4.4	0.6	0.7	14.2
5415	Computer systems design and related services	174,574	3,609	175,495	3,541	-0.5	1.9	2.1	2.0	9.7
Administrative and Support and Waste Management and Remediation Services⁵		411,947	9,599	411,236	9,680	0.2	-0.8	2.3	2.4	25.8
5615	Travel arrangement and reservation services	26,054	6,272	26,306	6,185	-1.0	1.4	24.1	23.5	16.8
62 Health Care and Social Assistance Services		1,109,519	(S)	1,027,439	(S)	8.0	(S)	(S)	(S)	(S)
71 Arts, Entertainment, and Recreation Services		128,904	(S)	122,117	(S)	5.6	(S)	(S)	(S)	(S)
72 Accommodation and Food Services⁶		442,274	(S)	437,186	(S)	1.2	(S)	(S)	(S)	(S)
Selected Other Services⁷		326,176	656	322,376	554	1.2	18.4	0.2	0.2	1.8
811	Repair and maintenance	130,868	214	125,032	256	4.7	-16.4	0.2	0.2	0.6
813	Religious, grantmaking, civic, professional, and similar organizations	124,457	383	128,467	267	-3.1	43.4	0.3	0.2	1.0

(S) Estimate does not meet publication standards because of high sampling variability or poor response quality. 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.

Note: Estimates are not adjusted for price changes. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/sestats.html.

¹ Estimates are subject to revision and include data only for businesses with paid employees except for Accommodation and Food Services, which also includes business without paid employees.

² Excludes NAICS 481 (air transportation), 482 (rail transportation), 483 (water transportation), 485 (transit and ground passenger transportation), 486 (pipeline transportation), 487 (scenic and sightseeing transportation), 488 (support activities for transportation), and 491 (postal service).

³ Excludes NAICS 521 (monetary authorities-central bank), 522 (credit intermediation and related activities), 5232 (securities and commodity exchanges), 52391 (miscellaneous intermediation), 52399 (all other financial investment activities), 524 (insurance carriers and related activities), and 525 (funds, trusts, and other financial vehicles).

⁴ Excludes NAICS 54112 (offices of notaries) and 54132 (landscape architectural services).

⁵ Excludes NAICS 56173 (landscaping services).

⁶ Estimates are based on data from the 2001 Annual Retail Trade Survey.

⁷ Excludes NAICS 81311 (religious organizations), 81393 (labor and similar organizations), 81394 (political organizations), and 814 (private households).

Table 5. U.S. Retail Trade Sales¹ - Total and E-commerce: 2001 and 2000

[Estimates are based on data from the 2001 Annual Retail Trade Survey. Sales estimates are shown in millions of dollars, consequently industry group estimates may not be additive. Estimated measures of sampling variability for these estimates are provided in Table 5A.] [Revised data Table 5 is available.](#)

NAICS Code	Description	Value of Sales				Y/Y Percent Change		E-commerce as Percent of Total Sales		Percent Distribution of E-commerce Sales
		2001		2000		Total Sales	E-commerce Sales	2001	2000	2001
		Total	E-commerce	Revised Total	Revised E-commerce					
	Total Retail Trade	3,141,400	34,382	3,059,173	28,152	2.7	22.1	1.1	0.9	100.0
441	Motor vehicles and parts dealers	839,971	5,372	816,902	4,296	2.8	25.0	0.6	0.5	15.6
442	Furniture and home furnishings stores	90,403	(S)	91,496	(S)	-1.2	(S)	(S)	(S)	(S)
443	Electronics and appliance stores	84,729	601	86,542	506	-2.1	18.8	0.7	0.6	1.7
444	Building materials and garden equipment and supplies stores	288,972	525	276,533	447	4.5	17.4	0.2	0.2	1.5
445	Food and beverage stores	481,409	(S)	460,074	(S)	4.6	(S)	(S)	(S)	(S)
446	Health and personal care stores	167,964	(S)	157,461	(S)	6.7	(S)	(S)	(S)	(S)
447	Gasoline stations	244,664	(Z)	246,038	(Z)	-0.6	(Z)	(Z)	(Z)	(Z)
448	Clothing and clothing accessories stores	166,798	400	167,797	254	-0.6	57.5	0.2	0.2	1.2
451	Sporting goods, hobby, book, and music stores	79,007	505	77,673	400	1.7	26.3	0.6	0.5	1.5
452	General merchandise stores	429,812	(S)	405,978	(S)	5.9	(S)	(S)	(S)	(S)
453	Miscellaneous store retailers	107,142	512	108,586	383	-1.3	33.7	0.5	0.4	1.5
454	Nonstore retailers	160,529	25,865	164,093	21,428	-2.2	20.7	16.1	13.1	75.2
454110	Electronic shopping and mail-order houses	109,238	25,680	110,211	21,209	-0.9	21.1	23.5	19.2	74.7

(S) Estimate does not meet publication standards because of high sampling variability or poor response quality. 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.

(Z) Sales estimate is less than \$500,000 or percent estimate is less than 0.05%.

Note: Estimates are not adjusted for price changes. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/restats.html.

¹ Estimates include data for businesses with or without paid employees and are subject to revision.

Source: U.S. Census Bureau, 2001 Annual Retail Trade Survey

Table 6. U.S. Electronic Shopping and Mail-Order Houses (NAICS 454110) - Total and E-Commerce Sales by Merchandise Line¹: 2001 and 2000

[Estimates are based on data from the 2001 Annual Retail Trade Survey. Sales estimates are shown in millions of dollars, consequently industry group estimates may not be additive. Estimated measures of sampling variability for these estimates are provided in Table 6A.] [Revised data Table 6 is available.](#)

Merchandise Lines	Value of Sales				Y/Y Percent Change		E-commerce as Percent of Total Sales	Percent Distribution	
	2001		2000					Total Sales	E-commerce Sales
	Total	E-commerce	Revised Total	Revised E-commerce	Total Sales	E-commerce Sales	2001	2001	2001
Total Electronic Shopping and Mail-Order Houses (NAICS 454110)	109,238	25,680	110,211	21,209	-0.9	21.1	23.5	100.0	100.0
Books and magazines	3,864	1,748	4,115	1,833	-6.1	-4.6	45.2	3.5	6.8
Clothing and clothing accessories (includes footwear)	15,252	3,219	14,829	2,059	2.9	56.3	21.1	14.0	12.5
Computer hardware	22,134	5,678	26,462	6,128	-16.4	-7.3	25.7	20.3	22.1
Computer software	3,994	1,208	3,568	1,107	11.9	9.1	30.2	3.7	4.7
Drugs, health aids, and beauty aids	16,448	952	14,454	673	13.8	41.5	5.8	15.1	3.7
Electronics and appliances	3,718	1,448	3,338	1,080	11.4	34.1	38.9	3.4	5.6
Food, beer, and wine	1,847	447	1,902	566	-2.9	-21.0	24.2	1.7	1.7
Furniture and home furnishings	6,556	1,659	6,412	979	2.2	69.5	25.3	6.0	6.5
Music and videos	3,980	1,318	4,393	1,186	-9.4	11.1	33.1	3.6	5.1
Office equipment and supplies	6,454	1,987	6,936	1,439	-6.9	38.1	30.8	5.9	7.7
Sporting goods	1,655	466	1,514	377	9.3	23.6	28.2	1.5	1.8
Toys, hobby goods, and games	3,035	929	3,146	842	-3.5	10.3	30.6	2.8	3.6
Other merchandise ²	16,142	3,062	15,933	1,863	1.3	64.4	19.0	14.8	11.9
Nonmerchandise receipts ³	4,159	1,559	3,209	1,077	29.6	44.8	37.5	3.8	6.1

Note: Estimates are not adjusted for price changes. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/restats.html.

¹ Estimates include data for businesses with or without paid employees, are grouped according to merchandise categories used in the Annual Retail Trade Survey, and are subject to revision.

² Includes other merchandise such as collectibles, souvenirs, auto parts and accessories, hardware, lawn and garden equipment and supplies, and jewelry.

³ Includes nonmerchandise receipts such as auction commissions, customer training, customer support, advertising, and shipping and handling.

Source: U.S. Census Bureau, 2001 Annual Retail Trade Survey

Table 1A. Measures of Sampling Variability - U.S. Manufacturing Shipments - Total and E-commerce Value: 2001 and 2000

[Estimates are based on data from the 2001 Annual Survey of Manufactures, are shown as percents, and are associated with the estimates in Table 1.]

NAICS Code	Description	Coefficient of Variation for Value of Shipments				Standard Error for Estimate of:			
		2001		2000		E-commerce as Percent of Total Shipments		Percent Distribution of E-commerce Shipments	
		Total	E-commerce	Revised Total	Revised E-commerce	2001	2000	2001	
		Total Manufacturing	0.2	0.5	0.2	0.9	0.1	0.1	NA
311	Food products	0.5	1.1	0.4	2.8	0.1	0.1	0.1	
312	Beverage and tobacco	0.7	1.2	0.6	2.1	0.5	0.6	0.1	
313	Textile mills	1.6	2.1	1.3	8.4	0.3	0.3	(Z)	
314	Textile product mills	1.2	1.9	1.1	6.7	0.6	0.6	(Z)	
315	Apparel	1.5	4.1	1.2	7.6	0.6	0.6	0.1	
316	Leather and allied products	3.1	7.0	3.1	3.5	0.2	1.1	(Z)	
321	Wood products	0.9	6.0	0.8	9.4	0.3	0.3	(Z)	
322	Paper	0.5	1.0	0.4	2.3	0.1	0.1	(Z)	
323	Printing and related support activities	1.0	4.0	1.0	14.4	0.2	0.2	(Z)	
324	Petroleum and coal products	0.6	0.8	0.6	0.7	0.1	0.1	(Z)	
325	Chemicals	1.1	2.6	0.8	4.4	0.3	0.2	0.2	
326	Plastics and rubber products	0.8	3.1	0.8	7.0	0.4	0.4	0.1	
327	Nonmetallic mineral products	0.7	1.6	0.6	5.1	0.1	0.2	(Z)	
331	Primary metals	0.5	1.6	0.4	2.9	0.1	0.2	(Z)	
332	Fabricated metal products	0.5	1.7	0.4	6.0	0.2	0.2	0.1	
333	Machinery	0.5	2.1	0.4	3.4	0.2	0.2	0.1	
334	Computer and electronic products	1.0	1.0	0.6	3.3	0.2	0.2	0.1	
335	Electrical equipment, appliances, and components	0.9	1.4	0.7	6.7	0.3	0.5	(Z)	
336	Transportation equipment	0.4	0.9	0.4	1.4	0.3	0.2	0.2	
337	Furniture and related products	1.4	2.7	1.3	4.6	0.2	0.3	(Z)	
339	Miscellaneous	1.1	3.6	0.8	4.5	0.4	0.3	0.1	

NA Not applicable

(Z) Estimate is less than 0.05%.

Note: Standard errors for year to year change in total shipments and e-commerce shipments were not calculated. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/mestats.html.

Source: U.S. Census Bureau, 2001 Annual Survey of Manufactures

Table 2A. Measures of Sampling Variability - U.S. Merchant Wholesale Trade Sales - Total and E-commerce: 2001 and 2000

[Estimates are based on data from the 2001 Annual Trade Survey, are shown as percents, and are associated with the estimates in Table 2.] [Revised data Tables 2, 2A, 3, 3A are available.](#)

NAICS Code	Description	Coefficient of Variation for Value of Sales				Standard Error for Estimate of:				
		2001		2000		Y/Y Percent Change		E-commerce as Percent of Total Sales		Percent Distribution of E-commerce Sales
		Total	E-commerce	Revised Total	Revised E-commerce	Total Sales	E-commerce Sales	2001	2000	2001
42	Total Merchant Wholesale Trade	1.0	2.3	0.9	2.0	0.6	0.8	0.2	0.1	NA
421	Durable goods	1.5	3.6	1.2	3.0	0.7	1.3	0.2	0.2	0.9
4211	Motor vehicles and automotive equipment	3.1	4.1	2.8	4.0	0.8	0.3	0.6	0.6	0.5
4212	Furniture and home furnishings	3.2	18.4	2.3	16.3	1.5	13.2	1.7	1.0	0.2
4213	Lumber and other construction material	7.2	17.3	3.4	16.7	6.9	4.6	0.5	0.5	0.1
4214	Professional and commercial equipment and supplies	4.3	7.2	3.6	6.0	1.7	2.5	0.5	0.4	0.6
42143	Computer equipment and supplies	7.0	11.2	5.9	7.4	2.3	2.0	0.8	0.7	0.5
4215	Metals and minerals, excluding petroleum	3.4	(S)	3.2	(S)	1.0	(S)	(S)	(S)	(S)
4216	Electrical goods	3.6	6.6	2.4	9.2	1.9	8.4	0.4	0.4	0.3
4217	Hardware, plumbing and heating equipment	2.2	7.0	1.7	7.3	1.2	0.7	0.7	0.6	0.2
4218	Machinery, equipment and supplies	3.4	12.5	2.8	14.4	1.0	8.0	0.5	0.5	0.4
4219	Miscellaneous durable goods	4.1	13.6	3.0	11.4	1.4	2.9	1.0	0.8	0.7
422	Nondurable goods	1.1	2.3	1.4	2.4	0.8	0.7	0.3	0.3	0.9
4221	Paper and paper products	2.5	8.9	2.5	8.3	0.9	1.6	0.3	0.3	0.1
4222	Drugs, drug proprietaries and druggists' sundries	2.8	2.6	2.5	2.6	1.9	0.8	1.5	1.3	1.0
4223	Apparel, piece goods and notions	4.6	12.2	3.8	12.2	1.7	5.1	1.9	1.7	0.4
4224	Groceries and related products	2.2	12.6	1.7	12.9	1.7	1.6	0.4	0.4	0.5
4225	Farm-products raw materials	4.4	7.3	3.8	7.8	1.6	2.5	0.3	0.2	0.1
4226	Chemicals and allied products	4.1	(D)	3.4	(D)	1.8	(D)	(D)	(D)	(D)
4227	Petroleum and petroleum products	4.2	(D)	4.6	(D)	1.7	(D)	(D)	(D)	(D)
4228	Beer, wine, and distilled beverages	2.6	(D)	1.9	(D)	1.5	(D)	(D)	(D)	(D)
4229	Miscellaneous nondurable goods	5.4	13.3	4.5	12.3	2.5	3.3	0.5	0.4	0.2

(S) Corresponding estimate does not meet publication standards because of high sampling variability or poor response quality.

(D) Corresponding estimate is withheld to avoid disclosing data on individual companies; these data are included in higher level totals.

NA Not applicable

Note: For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/whestats.html.

Source: U.S. Census Bureau, 2001 Annual Trade Survey

Table 3A. Measures of Sampling Variability - U.S. Merchant Wholesale Trade Sales - Total and EDI: 2001 and 2000

[Estimates are based on data from the 2001 Annual Trade Survey, are shown as percents, and are associated with the estimates in Table 3.] [Revised data Tables 2, 2A, 3, 3A are available.](#)

NAICS Code	Description	Coefficient of Variation for Value of Sales				Standard Error for Estimate of:						
		2001		2000		Y/Y Percent Change		EDI as Percent of Total Sales		Percent Distribution of EDI Sales	EDI as Percent of E-Commerce Sales	
		Total	EDI	Revised Total	Revised EDI	Total Sales	EDI Sales	2001	2000	2001	2001	2000
		42	Total Merchant Wholesale Trade	1.0	2.5	0.9	2.2	0.6	0.6	0.2	0.2	NA
421	Durable goods	1.5	3.6	1.2	3.2	0.7	1.1	0.2	0.2	0.8	0.8	0.9
4211	Motor vehicles and automotive equipment	3.1	4.1	2.8	4.0	0.8	0.3	0.6	0.6	0.6	0.1	0.1
4212	Furniture and home furnishings	3.2	19.3	2.3	17.0	1.5	6.8	1.2	0.8	0.2	4.3	3.0
4213	Lumber and other construction material	7.2	18.0	3.4	17.0	6.9	4.4	0.5	0.5	0.1	1.9	1.2
4214	Professional and commercial equipment and supplies	4.3	7.6	3.6	6.4	1.7	3.0	0.5	0.4	0.5	1.6	1.8
42143	Computer equipment and supplies	7.0	12.2	5.9	9.3	2.3	1.7	0.7	0.7	0.4	1.6	1.8
4215	Metals and minerals, excluding petroleum	3.4	(S)	3.2	(S)	1.0	(S)	(S)	(S)	(S)	(S)	(S)
4216	Electrical goods	3.6	9.7	2.4	12.0	1.9	4.8	0.4	0.4	0.4	3.7	4.2
4217	Hardware, plumbing and heating equipment	2.2	7.1	1.7	7.4	1.2	1.2	0.7	0.6	0.2	0.2	0.8
4218	Machinery, equipment and supplies	3.4	15.9	2.8	17.6	1.0	3.4	0.5	0.5	0.5	5.2	4.1
4219	Miscellaneous durable goods	4.1	14.5	3.0	12.4	1.4	3.1	1.0	0.8	0.7	1.3	1.4
422	Nondurable goods	1.1	2.5	1.4	2.3	0.8	0.7	0.3	0.2	0.8	1.3	1.1
4221	Paper and paper products	2.5	11.4	2.5	12.2	0.9	1.7	0.3	0.3	0.1	1.5	2.0
4222	Drugs, drug proprietaries and druggists' sundries	2.8	2.6	2.5	2.5	1.9	0.6	1.3	1.2	0.9	0.3	0.4
4223	Apparel, piece goods and notions	4.6	13.9	3.8	13.5	1.7	4.7	1.8	1.6	0.5	2.2	2.2
4224	Groceries and related products	2.2	20.7	1.7	20.5	1.7	0.9	0.3	0.3	0.5	4.3	4.3
4225	Farm-products raw materials	4.4	7.4	3.8	7.8	1.6	0.2	0.2	0.2	0.1	1.7	(Z)
4226	Chemicals and allied products	4.1	(D)	3.4	(D)	1.8	(D)	(D)	(D)	(D)	(D)	(D)
4227	Petroleum and petroleum products	4.2	(D)	4.6	(D)	1.7	(D)	(D)	(D)	(D)	(D)	(D)
4228	Beer, wine, and distilled beverages	2.6	(D)	1.9	(D)	1.5	(D)	(D)	(D)	(D)	(D)	(D)
4229	Miscellaneous nondurable goods	5.4	14.6	4.5	13.3	2.5	3.3	0.3	0.3	0.2	4.4	3.7

(S) Corresponding estimate does not meet publication standards because of high sampling variability or poor response quality.

(D) Corresponding estimate is withheld to avoid disclosing data of individual companies; these data are included in higher level totals.

NA Not applicable

(Z) Estimate is less than 0.05%.

Note: For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/whestats.html.

Source: U.S. Census Bureau, 2001 Annual Trade Survey

Table 4A. Measures of Sampling Variability - U.S. Selected Services Revenue - Total and E-commerce: 2001 and 2000

[Except where indicated, estimates are based on data from the 2001 Service Annual Survey. Estimates are shown as percents and are associated with the estimates in Table 4.]

NAICS Code	Description	Coefficient of Variation for Value of Revenue				Standard Error for Estimate of:					
		2001		2000		Y/Y Percent Change		E-Commerce as Percent of Total Revenue		Percent Distribution of E-commerce Revenue	
		Total	E-Commerce	Revised Total	E-commerce	Total Revenue	E-commerce Revenue	2001	2000	2001	
	Total for Selected Service Industries	0.4	1.4	0.4	1.5	0.2	1.2	(Z)	(Z)	NA	
	Selected Transportation and Warehousing¹	1.8	3.9	1.2	5.1	1.0	3.8	0.1	0.1	0.4	
484	Truck transportation	2.4	10.1	1.6	13.3	1.4	11.9	0.1	0.1	0.3	
492	Couriers and messengers	1.8	2.2	1.5	2.3	0.7	0.3	0.1	0.1	0.2	
493	Warehousing and storage	4.6	(S)	3.2	(S)	3.4	(S)	(S)	(S)	(S)	
51	Information	0.8	3.0	0.7	3.1	0.2	2.2	(Z)	(Z)	0.7	
511	Publishing industries	1.7	4.4	1.6	5.7	0.7	2.9	0.1	0.1	0.5	
513	Broadcasting and telecommunications	1.1	0.9	0.9	0.8	0.4	0.7	(Z)	(Z)	0.1	
51419	Online information services	2.5	10.4	2.0	9.0	1.1	4.5	0.6	0.6	0.5	
	Selected Finance²	1.0	1.1	0.9	0.2	0.8	0.7	(Z)	(Z)	0.2	
5231	Securities and commodity contracts intermediation and brokerage	1.1	1.1	1.1	0.2	0.9	0.7	(Z)	(Z)	0.2	
532	Rental and Leasing Services	1.6	(S)	1.7	(S)	0.5	(S)	(S)	(S)	(S)	
	Selected Professional, Scientific, and Technical Services³	1.4	3.5	1.3	6.1	0.9	4.7	(Z)	(Z)	0.5	
5415	Computer systems design and related services	3.6	4.7	3.7	6.9	1.1	4.1	0.1	0.1	0.4	
	Administrative and Support and Waste Management and Remediation Services⁴	2.2	2.5	1.6	3.3	1.3	1.6	0.1	0.1	0.7	
5615	Travel arrangement and reservation services	3.6	3.4	3.1	3.3	2.1	0.3	0.9	1.0	0.6	
62	Health Care and Social Assistance Services	0.8	(S)	0.7	(S)	0.2	(S)	(S)	(S)	(S)	
71	Arts, Entertainment, and Recreation Services	1.7	(S)	1.2	(S)	1.0	(S)	(S)	(S)	(S)	
72	Accommodation and Food Services⁵	1.3	(S)	1.0	(S)	0.6	(S)	(S)	(S)	(S)	
	Selected Other Services⁶	1.4	9.1	1.9	7.8	1.3	11.7	(Z)	(Z)	0.1	
811	Repair and maintenance	2.7	8.6	2.4	9.8	0.7	5.9	(Z)	(Z)	(Z)	
813	Religious, grantmaking, civic, professional, and similar organizations	2.0	15.5	4.0	12.4	2.6	25.2	(Z)	(Z)	0.1	

(S) Corresponding estimate does not meet publication standards because of high sampling variability or poor response quality.

NA Not applicable

(Z) Estimate is less than 0.05%.

Note: For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/sestats.html.

¹ Excludes NAICS 481 (air transportation), 482 (rail transportation), 483 (water transportation), 485 (transit and ground passenger transportation), 486 (pipeline transportation), 487 (scenic and sightseeing transportation), 488 (support activities for transportation), and 491 (postal service).

² Excludes NAICS 521 (monetary authorities-central bank), 522 (credit intermediation and related activities), 5232 (securities and commodity exchanges), 52391 (miscellaneous intermediation), 52399 (all other financial investment activities), 524 (insurance carriers and related activities), and 525 (funds, trusts, and other financial vehicles).

³ Excludes NAICS 54112 (offices of notaries) and 54132 (landscape architectural services).

⁴ Excludes NAICS 56173 (landscaping services).

⁵ Estimates are based on data from the 2001 Annual Retail Trade Survey.

⁶ Excludes NAICS 81311 (religious organizations), NAICS 81393 (labor and similar organizations), NAICS 81394 (political organizations), and NAICS 814 (private households).

Table 5A. Measures of Sampling Variability - U.S. Retail Trade Sales - Total and E-commerce: 2001 and 2000

[Estimates are based on data from the 2001 Annual Retail Trade Survey, are shown as percents, and are associated with the estimates in Table 5.] [Revised data Table 5A is available.](#)

NAICS Code	Description	Coefficient of Variation for Value of Sales				Standard Error for Estimate of:				
		2001		2000		Y/Y Percent Change		E-commerce as Percent of Total Sales		Percent Distribution of E-commerce Sales
		Total	E-commerce	Revised Total	Revised E-commerce	Total Sales	E-commerce Sales	2001	2000	2001
			Total Retail Trade	0.5	3.4	0.4	2.9	0.2	1.7	(Z)
441	Motor vehicles and parts dealers	1.2	5.4	1.0	5.5	0.7	5.9	(Z)	(Z)	0.6
442	Furniture and home furnishings stores	1.4	(S)	1.4	(S)	0.8	(S)	(S)	(S)	(S)
443	Electronics and appliance stores	1.0	14.7	0.8	15.3	0.6	7.7	0.1	0.1	0.2
444	Building materials and garden equipment and supplies stores	1.5	7.0	1.5	7.3	0.7	8.0	(Z)	(Z)	0.1
445	Food and beverage stores	0.6	(S)	0.6	(S)	0.3	(S)	(S)	(S)	(S)
446	Health and personal care stores	2.1	(S)	1.3	(S)	1.0	(S)	(S)	(S)	(S)
447	Gasoline stations	3.2	(Z)	2.0	(Z)	1.3	(Z)	(Z)	(Z)	(Z)
448	Clothing and clothing accessories stores	0.7	11.1	0.6	8.7	0.4	12.2	(Z)	(Z)	0.1
451	Sporting goods, hobby, book, and music stores	1.1	12.2	1.0	16.4	0.4	20.5	0.1	0.1	0.2
452	General merchandise stores	0.2	(S)	0.2	(S)	0.1	(S)	(S)	(S)	(S)
453	Miscellaneous store retailers	1.8	21.1	1.5	18.7	0.8	33.8	0.1	0.1	0.3
454	Nonstore retailers	2.7	4.0	2.0	3.3	0.8	1.4	0.3	0.3	1.0
454110	Electronic shopping and mail-order houses	3.4	4.0	2.4	3.3	1.0	1.3	0.3	0.3	0.9

(S) Corresponding estimate does not meet publication standards because of high sampling variability or poor response quality.

NA Not applicable

(Z) Estimate is less than 0.05%.

Note: For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/restats.html.

Source: U.S. Census Bureau, 2001 Annual Retail Trade Survey

Table 6A. Measures of Sampling Variability - U.S. Electronic Shopping and Mail-Order Houses (NAICS 454110) - Total and E-commerce Sales by Merchandise Line: 2001 and 2000

[Estimates are based on data from the 2001 Annual Retail Trade Survey, are shown as percents, and are associated with the estimates in Table 6.] [Revised data Table 6A is available.](#)

Merchandise Lines	Coefficient of Variation for Value of Sales				Standard Error for Estimate of:					
	2001		2000		Y/Y Percent Change		E-commerce as Percent of Total Sales	Percent Distribution		
	Total	E-commerce	Revised Total	Revised E-commerce	Total Sales	E-commerce Sales		Total Sales	E-Commerce Sales	
							2001	2001	2001	
Total Electronic Shopping and Mail-Order Houses (NAICS 454110)	3.4	4.0	2.4	3.3	1.0	1.3	0.3	NA	NA	
Books and magazines	9.7	4.0	9.5	3.5	1.7	2.0	1.6	0.2	0.1	
Clothing and clothing accessories (includes footwear)	4.7	4.7	3.3	4.0	1.8	2.9	0.5	0.4	0.3	
Computer hardware	3.4	3.8	2.6	3.0	1.0	1.4	0.5	0.3	0.6	
Computer software	10.2	10.9	8.6	4.8	1.8	5.6	1.4	0.2	0.3	
Drugs, health aids, and beauty aids	4.9	21.2	4.8	23.5	1.2	10.4	0.7	0.8	0.8	
Electronics and appliances	4.7	6.2	4.1	7.5	1.5	4.5	1.5	0.1	0.2	
Food, beer, and wine	7.5	10.3	10.3	6.0	4.9	3.2	1.2	0.1	0.2	
Furniture and home furnishings	6.8	13.4	5.6	16.1	2.6	8.9	1.4	0.3	0.6	
Music and videos	5.0	5.3	4.2	4.5	1.2	2.0	1.2	0.1	0.2	
Office equipment and supplies	3.3	5.7	2.6	5.2	1.1	1.4	0.9	0.2	0.4	
Sporting goods	19.2	19.8	19.6	23.1	9.0	10.6	3.1	0.3	0.3	
Toys, hobby goods, and games	7.9	7.1	5.8	5.8	4.2	4.0	1.9	0.2	0.2	
Other merchandise ¹	3.8	7.1	3.0	8.8	2.9	9.0	0.8	0.4	0.6	
Nonmerchandise receipts ²	4.1	3.0	3.9	2.7	2.3	3.7	0.9	0.1	0.2	

NA Not applicable

Note: Estimates are not adjusted for price changes. For information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions, visit www.census.gov/eos/www/restats.html.

¹ Includes other merchandise such as collectibles, souvenirs, auto parts and accessories, hardware, lawn and garden equipment and supplies, and jewelry.

² Includes nonmerchandise receipts such as auction commissions, customer training, customer support, advertising, and shipping and handling.

Source: U.S. Census Bureau, 2001 Annual Retail Trade Survey