

Table 1. Value of Shipments for Product Classes: 2004 and Earlier Years—Con.

[Includes value of product shipments produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2004 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate ¹ (percent)
334418	Printed circuit assembly (electronic assembly) manufacturing—Con.		
334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components) ²	2004.. 19 237 417	2
		2003.. 21 034 285	2
		2002.. 21 279 167	X
334418W	Printed circuit assembly (electronic assembly) manufacturing, nsk, total	2004.. 1 192 987	14
		2003.. 1 182 572	7
		2002.. 1 228 010	X
334419	Other electronic component manufacturing	2004.. 9 043 982	2
		2003.. 9 422 943	2
		2002.. 10 135 639	X
3344191	Crystals, filters, piezoelectric, and other related electronic devices (except microwave filters) ²	2004.. 686 275	6
		2003.. 711 370	8
		2002.. 775 910	X
3344194	All other miscellaneous transducers, including electrical-electronic input/output transducers ²	2004.. 1 492 750	2
		2003.. 1 199 325	3
		2002.. 1 218 862	X
3344197	Switches, mechanical, for electronic circuitry ²	2004.. 775 676	3
		2003.. 804 268	2
		2002.. 861 312	X
334419A	Microwave components and devices, except antennae, tubes, and semiconductors ²	2004.. 1 312 570	4
		2003.. 1 511 072	2
		2002.. 1 574 424	X
334419E	All other miscellaneous electronic components ²	2004.. 3 958 579	3
		2003.. 4 217 384	3
		2002.. 4 526 037	X
334419W	Other electronic component manufacturing, nsk, total	2004.. 818 133	9
		2003.. 979 525	6
		2002.. 1 179 094	X
334510	Electromedical and electrotherapeutic apparatus manufacturing	2004.. 16 994 171	2
		2003.. 16 106 062	1
		2002.. 14 962 039	X
3345101	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment) ²	2004.. 15 461 972	1
		2003.. 14 582 358	1
		2002.. 13 577 423	X
3345103	Electronic hearing aids, complete units ²	2004.. 962 531	2
		2003.. 1 034 980	6
		2002.. 878 613	X
334510W	Electromedical and electrotherapeutic apparatus manufacturing, nsk, total	2004.. 569 668	33
		2003.. 488 724	2
		2002.. 506 003	X
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	2004.. 34 854 526	11
		2003.. 31 711 950	1
		2002.. 30 291 288	X
3345111	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments) ²	2004.. 2 556 110	2
		2003.. 2 166 050	4
		2002.. 2 719 439	X
3345113	Search, detection, navigation, and guidance systems and equipment ²	2004.. 30 734 426	12
		2003.. 28 559 618	1
		2002.. 26 787 072	X
334511W	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing, nsk, total	2004.. 1 563 990	6
		2003.. 986 282	12
		2002.. 784 777	X
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	2004.. 2 362 896	2
		2003.. 2 333 258	2
		2002.. 2 505 684	X
3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use ²	2004.. 2 362 896	2
		2003.. 2 333 258	2
		2002.. 2 505 684	X
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	2004.. 6 906 373	1
		2003.. 6 350 854	2
		2002.. 6 782 211	X
3345130	Process control instruments ²	2004.. 6 906 373	1
		2003.. 6 350 854	2
		2002.. 6 782 211	X
334514	Totalizing fluid meter and counting device manufacturing	2004.. 5 284 467	1
		2003.. 5 406 619	1
		2002.. 5 237 782	X
3345141	Integrating and totalizing meters for gas and liquids ²	2004.. 1 487 565	1
		2003.. 1 448 402	1
		2002.. 1 421 203	X
3345143	Counting devices, excluding motor vehicle instruments ²	2004.. 537 800	3
		2003.. 501 853	1
		2002.. 466 265	X

See footnotes at end of table.

Table 1. Value of Shipments for Product Classes: 2004 and Earlier Years—Con.

[Includes value of product shipments produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2004 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Product class code	Product class		Value of product shipments (\$1,000)	Relative standard error of estimate ¹ (percent)
334514	Totalizing fluid meter and counting device manufacturing—Con.			
3345145	Motor vehicle instruments ²	2004..	2 983 602	2
		2003..	3 212 989	1
		2002..	3 106 983	X
334514W	Totalizing fluid meter and counting device manufacturing, nsk, total	2004..	275 500	1
		2003..	243 375	5
		2002..	243 331	X
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	2004..	11 692 774	4
		2003..	9 703 104	1
		2002..	9 490 633	X
3345151	Electrical integrating instruments ²	2004..	803 682	7
		2003..	675 489	2
		2002..	665 297	X
3345153	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers) ²	2004..	9 879 431	4
		2003..	8 018 677	2
		2002..	7 794 502	X
3345155	Other instruments to measure electricity ²	2004..	414 700	9
		2003..	325 526	19
		2002..	374 339	X
334515W	Instrument manufacturing for measuring and testing electricity and electrical signals, nsk, total	2004..	594 961	10
		2003..	683 412	5
		2002..	656 495	X
334516	Analytical laboratory instrument manufacturing	2004..	7 887 715	4
		2003..	7 371 715	2
		2002..	7 130 177	X
3345160	Analytical and scientific instruments, except optical ²	2004..	7 887 715	4
		2003..	7 371 715	2
		2002..	7 130 177	X
334517	Irradiation apparatus manufacturing	2004..	4 379 424	4
		2003..	4 136 759	2
		2002..	4 512 657	X
3345170	Irradiation (ionizing radiation) equipment ²	2004..	4 379 424	4
		2003..	4 136 759	2
		2002..	4 512 657	X
334518	Watch, clock, and part manufacturing	2004..	591 744	3
		2003..	554 066	4
		2002..	618 512	X
3345182	Watches, watchcases, movements, and modules (including watch parts)	2004..	82 901	4
		2003..	96 148	4
		2002..	99 646	X
3345184	Clocks, timing mechanisms, time recording and time stamp devices, time switches, clock movements, and clock cases (including parts)	2004..	493 505	3
		2003..	445 853	5
		2002..	501 975	X
334518W	Watch, clock, and part manufacturing, nsk, total	2004..	15 338	9
		2003..	12 064	10
		2002..	16 891	X
334519	Other measuring and controlling device manufacturing	2004..	5 351 676	2
		2003..	5 103 061	2
		2002..	5 224 883	X
3345192	Aircraft engine instruments, except flight ²	2004..	825 525	2
		2003..	874 131	1
		2002..	877 026	X
3345194	Physical properties testing and inspection equipment and kinematic testing and measuring equipment ²	2004..	1 802 669	2
		2003..	1 701 282	3
		2002..	1 736 386	X
3345195	Nuclear radiation detection and monitoring instruments ²	2004..	627 974	6
		2003..	522 917	8
		2002..	537 392	X
3345197	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers ²	2004..	1 400 705	5
		2003..	1 322 965	5
		2002..	1 416 410	X
3345199	Survey and drafting instruments and apparatus, including photogrammetric equipment ²	2004..	248 548	11
		2003..	213 577	2
		2002..	237 744	X
334519W	Other measuring and controlling device manufacturing, nsk, total	2004..	446 255	12
		2003..	468 188	8
		2002..	419 925	X
334611	Software reproducing.....	2004..	609 540	5
		2003..	606 457	7
		2002..	636 073	X
3346110	Software reproducing.....	2004..	609 540	5
		2003..	606 457	7
		2002..	636 073	X

See footnotes at end of table.

Table 1. Value of Shipments for Product Classes: 2004 and Earlier Years—Con.

[Includes value of product shipments produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2004 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Product class code	Product class	Year	Value of product shipments (\$1,000)	Relative standard error of estimate ¹ (percent)
336350	Motor vehicle transmission and power train parts manufacturing—Con.	2004..	419 805	1
336350W	Motor vehicle transmission and power train parts manufacturing, nsk, total	2003..	386 973	5
		2002..	381 743	X
336360	Motor vehicle seating and interior trim manufacturing	2004..	15 957 511	1
		2003..	16 286 417	1
		2002..	16 316 496	X
3363601	Automobile trimmings	2004..	3 893 807	1
		2003..	4 119 301	3
		2002..	4 026 002	X
3363602	Fabricated seat and safety belts, including shoulder harnesses (except leather)	2004..	590 896	2
		2003..	609 553	1
		2002..	624 883	X
3363603	Seats, public conveyance and aircraft	2004..	9 213 522	1
		2003..	9 376 506	1
		2002..	9 486 352	X
3363605	Fabricated automobile covers, seat and tire	2004..	703 152	2
		2003..	570 358	4
		2002..	614 987	X
3363607	Motor vehicle seat frames, metal	2004..	1 138 208	7
		2003..	1 211 601	3
		2002..	1 210 746	X
336360W	Motor vehicle seating and interior trim manufacturing, nsk, total	2004..	417 927	9
		2003..	399 098	2
		2002..	353 526	X
336370	Motor vehicle metal stamping	2004..	24 922 676	1
		2003..	24 869 147	2
		2002..	24 788 841	X
3363700	Automotive job stampings (truck, bus, and passenger car)	2004..	24 922 676	1
		2003..	24 869 147	2
		2002..	24 788 841	X
336391	Motor vehicle air-conditioning manufacturing	2004..	4 384 884	3
		2003..	4 694 445	1
		2002..	4 931 096	X
3363917	Motor vehicle air-conditioning systems, mechanical ²	2004..	2 704 208	1
		2003..	2 977 685	1
		2002..	3 153 303	X
336391B	Automotive air-conditioning compressors (open-type, with or without motor) ²	2004..	1 657 573	7
		2003..	1 700 034	1
		2002..	1 760 804	X
336391W	Motor vehicle air-conditioning manufacturing, nsk, total	2004..	23 103	1
		2003..	16 726	29
		2002..	16 989	X
336399	All other motor vehicle parts manufacturing	2004..	38 018 887	1
		2003..	37 222 231	1
		2002..	37 519 098	X
3363991	Filters, new, internal combustion engines and motor vehicles	2004..	2 847 177	5
		2003..	2 873 100	2
		2002..	2 918 741	X
3363993	Exhaust system parts, new	2004..	6 884 111	1
		2003..	6 962 099	2
		2002..	7 230 999	X
3363995	Motor vehicle wheels, new	2004..	2 753 630	2
		2003..	2 543 942	2
		2002..	2 674 942	X
3363996	Trailer hitches (including travel, automobile, and light duty truck)	2004..	366 521	7
		2003..	355 998	4
		2002..	366 636	X
3363998	All other motor vehicle parts and accessories, new and rebuilt	2004..	22 484 799	2
		2003..	22 029 290	2
		2002..	21 519 009	X
336399W	All other motor vehicle parts manufacturing, nsk, total	2004..	2 682 649	13
		2003..	2 457 803	6
		2002..	2 808 771	X
336411	Aircraft manufacturing	2004..	60 745 182	1
		2003..	60 597 597	1
		2002..	61 184 222	X
3364112	Aircraft, military (including U.S. military and aircraft built to military specifications)	2004..	15 638 750	1
		2003..	14 827 130	1
		2002..	14 395 959	X
3364113	Aircraft, civilian ²	2004..	31 550 890	1
		2003..	32 469 302	1
		2002..	35 432 149	X
3364115	Modification, conversion, and overhaul of previously accepted aircraft	2004..	6 427 100	9
		2003..	5 961 750	2
		2002..	6 162 278	X
3364117	All other aeronautical services on complete aircraft	2004..	6 957 970	1
		2003..	7 172 845	1
		2002..	4 853 434	X
336411W	Aircraft manufacturing, nsk, total	2004..	170 471	32
		2003..	166 570	36
		2002..	340 402	X

See footnotes at end of table.

Table 1. Value of Shipments for Product Classes: 2004 and Earlier Years—Con.

[Includes value of product shipments produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2004 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Product class code	Product class		Value of product shipments (\$1,000)	Relative standard error of estimate ¹ (percent)
336412	Aircraft engine and engine parts manufacturing	2004..	21 333 651	1
		2003..	20 604 727	1
		2002..	20 630 937	X
3364121	Aircraft engines, military (including engines built to military specifications)	2004..	1 982 347	1
		2003..	1 849 466	1
		2002..	1 796 734	X
3364123	Aircraft engines, civilian ²	2004..	5 760 182	1
		2003..	5 832 206	1
		2002..	5 878 030	X
3364125	Aeronautical services on aircraft engines	2004..	3 645 343	1
		2003..	3 605 208	1
		2002..	3 412 413	X
3364127	Aircraft engine parts and accessories	2004..	9 479 245	1
		2003..	8 931 960	1
		2002..	9 122 479	X
336412W	Aircraft engine and engine parts manufacturing, nsk, total	2004..	466 535	4
		2003..	385 888	2
		2002..	421 281	X
336413	Other aircraft parts and auxiliary equipment manufacturing	2004..	21 729 146	1
		2003..	21 066 712	1
		2002..	21 110 014	X
3364131	Aircraft propellers and helicopter rotors	2004..	1 691 767	1
		2003..	1 605 761	3
		2002..	1 492 067	X
3364133	Research and development on aircraft parts, except engines	2004..	734 620	3
		2003..	700 983	2
		2002..	603 960	X
3364136	Aircraft parts and auxiliary equipment, except hydraulic and pneumatic subassemblies and engines	2004..	18 365 084	1
		2003..	17 922 854	1
		2002..	17 910 316	X
336413W	Other aircraft parts and auxiliary equipment manufacturing, nsk, total	2004..	937 676	10
		2003..	837 114	15
		2002..	1 103 671	X
336414	Guided missile and space vehicle manufacturing	2004..	10 963 802	1
		2003..	11 584 568	3
		2002..	10 346 707	X
3364141	Complete guided missiles	2004..	4 010 112	1
		2003..	3 644 476	1
		2002..	3 796 806	X
3364143	Research and development on complete guided missiles	2004..	1 316 441	1
		2003..	D	S
		2002..	785 535	X
3364145	Other services on complete guided missiles	2004..	D	S
		2003..	D	S
		2002..	55 445	X
3364147	Complete space vehicles, except propulsion systems	2004..	4 177 899	1
		2003..	5 291 811	3
		2002..	4 473 244	X
3364149	Research and development on complete space vehicles	2004..	197 764	1
		2003..	D	S
		2002..	D	X
336414A	All other services on complete space vehicles	2004..	D	S
		2003..	1 116 226	24
		2002..	D	X
336414W	Guided missile and space vehicle manufacturing, nsk, total	2004..	1 937	1
		2003..	2 133	1
		2002..	2 340	X
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	2004..	3 816 938	1
		2003..	3 930 749	1
		2002..	3 139 844	X
3364151	Complete missiles, space vehicle engines, and propulsion units	2004..	2 507 582	1
		2003..	2 296 347	1
		2002..	2 041 604	X
3364153	Research and development on complete missiles, space vehicle engines, and propulsion units	2004..	761 384	1
		2003..	819 240	1
		2002..	583 875	X
3364155	Other services on complete missiles, space vehicle engines, and propulsion units	2004..	277 287	1
		2003..	288 792	1
		2002..	286 978	X
3364157	Missile and space vehicle engine and propulsion parts and accessories	2004..	263 124	1
		2003..	519 878	1
		2002..	221 516	X
336415W	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing, nsk, total	2004..	7 561	2
		2003..	6 492	9
		2002..	5 871	X

See footnotes at end of table.

Table 1. Value of Shipments for Product Classes: 2004 and Earlier Years—Con.

[Includes value of product shipments produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2004 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A]

Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate ¹ (percent)
336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	2004.. 2 615 349 2003.. 3 204 937 2002.. 2 864 900	4 3 X
3364191	Missile and space vehicle components, parts, and subassemblies	2004.. 2 173 148 2003.. D 2002.. 2 607 751	4 S X
3364193	Research and development on missile and space vehicle parts and components	2004.. 392 736 2003.. D 2002.. 205 509	1 S X
336419W	Other guided missile and space vehicle parts and auxiliary equipment manufacturing, nsk, total	2004.. 49 466 2003.. 50 546 2002.. 51 640	1 1 X
336510	Railroad rolling stock manufacturing	2004.. 6 358 714 2003.. 6 031 372 2002.. 6 413 312	2 1 X
3365101	Locomotives, new and rebuilt, including parts	2004.. 2 802 043 2003.. 2 457 815 2002.. 2 618 077	3 1 X
3365103	Train and train cars, freight and passenger, new, except parts	2004.. 1 075 847 2003.. 1 143 784 2002.. 1 111 439	2 1 X
3365105	Cars (street, subway, trolley, and rapid transit), rebuilt (including parts) and railway maintenance of equipment and parts (including parts and other work and service)	2004.. 2 213 298 2003.. 2 205 182 2002.. 2 463 368	1 2 X
336510W	Railroad rolling stock manufacturing, nsk, total	2004.. 267 526 2003.. 224 591 2002.. 220 428	25 1 X
336611	Ship building and repairing	2004.. 13 373 893 2003.. 13 144 185 2002.. 12 310 845	1 1 X
3366111	Ships, barges, and platforms, nonpropelled, new construction	2004.. 725 157 2003.. 693 046 2002.. 755 895	5 4 X
3366113	Ships (including combat ships, troop transport vessels, fleet auxiliaries, and service craft), self-propelled, military, new construction	2004.. D 2003.. D 2002.. D	S S X
3366116	Ships, self-propelled, nonmilitary, new construction	2004.. 1 622 858 2003.. 1 502 000 2002.. 1 494 878	4 3 X
3366118	Ship repair, military	2004.. 2 957 883 2003.. 2 835 650 2002.. 2 347 899	1 1 X
336611A	Ship repair, nonmilitary	2004.. D 2003.. D 2002.. D	S S X
336611W	Ship building and repairing, nsk, total	2004.. 681 392 2003.. 574 515 2002.. 585 294	1 X 5
336612	Boat building	2004.. 9 325 280 2003.. 7 926 279 2002.. 7 844 696	2 2 X
3366121	Motorboats, outboard, including commercial and military (except sailboats and lifeboats)	2004.. 2 943 628 2003.. 2 399 967 2002.. 2 604 144	3 5 X
3366123	Motorboats, inboard, including commercial and military (except sailboats and lifeboats)	2004.. 2 898 001 2003.. 2 449 417 2002.. 2 366 467	2 2 X
3366125	Inboard-outdrive boats, including commercial and military (except sailboats and lifeboats)	2004.. 2 151 468 2003.. 1 773 309 2002.. 1 589 964	2 3 X
3366128	Boats, all other types, except military and commercial	2004.. 596 301 2003.. 518 617 2002.. 504 368	6 3 X
336612W	Boat building, nsk, total	2004.. 735 882 2003.. 784 970 2002.. 779 753	12 5 X
336991	Motorcycle, bicycle, and parts manufacturing	2004.. 4 803 336 2003.. 4 400 583 2002.. 4 265 922	1 2 X
3369912	Bicycles, including parts (except children's two-wheel sidewalk cycles with solid or semipneumatic tires)	2004.. 896 596 2003.. 850 263 2002.. 820 662	1 4 X
3369913	Motorcycles, including three-wheel, motorbikes, motor scooters, mopeds, and parts (including sidecars)	2004.. 3 581 982 2003.. 3 361 725 2002.. 3 232 726	1 1 X

See footnotes at end of table.