

Table 1. Statistics for All Manufacturing Establishments: 2004 and Earlier Years

[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]

Year ¹	Establishments ²		All employees ³		Production workers			Value added ⁵ (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments ⁶ (\$1,000)	Total capital expenditures ⁷ (\$1,000)
	Total	With 20 employees or more	Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
2004	N	N	13 404 292	569 413 966	9 357 120	19 277 358	331 881 342	2 031 438 811	2 247 844 770	4 265 784 041	115 112 783
2003	N	N	13 878 170	567 704 487	9 800 118	19 867 183	330 545 442	1 926 388 030	2 091 585 057	4 015 080 847	112 133 156
2002	350 735	108 650	14 664 850	575 112 493	10 319 607	20 430 601	336 397 474	1 888 050 250	2 023 312 870	3 914 623 710	125 466 651
2001	N	N	15 845 612	591 558 514	11 212 063	22 384 367	342 268 242	1 850 709 351	2 105 337 943	3 967 698 457	142 984 511
2000	N	N	16 651 904	617 211 426	11 943 646	23 954 395	363 380 819	1 973 622 421	2 245 839 293	4 208 582 047	154 478 902
1999	N	N	16 685 639	601 472 998	11 977 196	24 209 596	355 790 664	1 954 498 206	2 084 316 398	4 031 884 590	150 325 065
1998	N	N	16 944 977	586 957 735	12 189 519	24 582 584	348 953 570	1 891 265 885	2 018 054 521	3 899 809 755	152 708 100
1997	362 829	119 748	16 805 127	569 808 845	12 065 257	24 183 271	338 267 197	1 825 688 027	2 015 424 556	3 834 700 920	151 510 757
1996	N	N	17 326 300	560 518 300	12 167 800	25 010 500	324 495 800	1 749 661 900	1 975 362 100	3 715 428 200	146 467 500
1995	N	N	17 419 200	545 362 700	12 253 100	25 072 000	317 767 500	1 711 442 300	1 897 570 700	3 594 359 600	134 318 100
1994	N	N	17 059 400	522 565 700	11 947 100	24 560 100	304 663 000	1 605 980 000	1 752 735 100	3 348 019 200	118 664 700
1993	N	N	16 943 500	504 363 100	11 726 200	23 845 100	290 293 200	1 483 054 100	1 647 492 600	3 127 620 400	108 628 500
1992	370 912	118 967	16 948 900	494 108 900	11 640 900	23 563 100	281 538 200	1 424 699 700	1 571 773 500	3 004 722 800	110 643 800
1991	N	N	17 081 200	477 174 600	11 652 000	23 383 000	270 601 000	1 341 386 200	1 531 221 300	2 878 164 800	103 152 900
1990	N	N	17 796 200	480 223 500	12 232 700	24 463 300	275 208 400	1 346 970 100	1 574 617 300	2 912 228 500	106 462 800
1989	N	N	18 045 700	470 479 200	12 535 500	24 933 900	273 119 900	1 325 433 600	1 532 330 000	2 840 376 000	101 894 300
1988	N	N	17 989 600	453 309 400	12 438 700	24 815 400	265 147 100	1 269 313 000	1 444 500 900	2 695 432 300	84 706 100
1987	358 952	120 822	17 718 000	428 480 000	12 280 400	24 302 700	251 449 500	1 165 740 800	1 319 844 600	2 475 939 100	85 662 100
1986	N	N	17 086 800	402 466 700	11 765 400	23 178 200	236 599 400	1 035 437 400	1 217 608 600	2 260 314 600	80 795 100
1985	N	N	17 508 300	396 610 500	12 174 400	23 731 600	235 790 800	1 000 142 000	1 276 009 600	2 280 183 800	91 244 900
1984	N	N	17 854 900	384 921 500	12 572 800	24 637 100	231 783 900	983 227 700	1 288 413 600	2 253 429 300	80 659 900
1983	N	N	17 453 100	354 232 200	12 203 000	23 611 600	212 416 400	882 014 500	1 170 237 800	2 045 853 300	67 479 800
1982	348 385	117 959	17 818 100	341 406 200	12 400 600	23 538 300	204 787 200	824 117 700	1 130 142 700	1 960 205 800	77 045 700
1981	N	N	18 919 800	341 319 800	13 542 800	26 233 100	212 200 900	837 506 500	1 093 969 600	2 017 542 500	83 767 000
1980	N	N	19 311 400	316 494 500	13 900 100	26 745 700	198 164 000	773 831 300	1 093 567 600	1 852 668 300	74 624 600
1979	N	N	19 756 500	298 529 100	14 537 800	28 324 300	192 881 500	747 480 500	999 157 500	1 727 214 600	65 796 600
1978	N	N	19 239 400	271 540 900	14 228 700	27 676 500	176 416 800	657 412 000	877 424 700	1 522 937 300	58 346 000
1977	350 757	113 843	18 515 900	242 031 900	13 691 000	26 686 700	157 163 700	585 165 600	782 417 700	1 358 526 400	51 907 300

¹Statistics presented for years ending in 2 and 7 are census data. Interim years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM). Also, in census year 1997, collection and publication of census and subsequent ASM data changed from the Standard Industrial Classification (SIC) basis to the North American Industry Classification System (NAICS) basis. For a discussion of the impact of this change on the data, see introductory text.

²Includes establishments with payroll at any time during year. Beginning in census year 1997, auxiliary establishments associated with manufacturing companies are classified separately. For 1996 and earlier years, establishment counts for auxiliaries are included.

³Figures include employment and payroll data for employees at manufacturing establishments engaged in nonmanufacturing activities (such as distribution and construction). Beginning in census year 1997, auxiliary establishments associated with manufacturing companies are classified separately. For 1996 and earlier years, employment and payroll data for auxiliaries are included.

⁴Figures represent average number of production workers for the payroll period that includes the 12th of March, May, August, and November, plus other employees for the payroll period that includes the 12th of March.

⁵Beginning in 1982, all respondents were requested to report their inventories at cost or market prior to adjustment to LIFO cost. This is a change from prior years in which respondents were permitted to value their inventories using any generally accepted accounting method. Consequently, 1982 data for value added are not comparable to prior years.

⁶Data represent total value of shipments for most industries. For industries 311411, 311412, 311421, 311422, 311711, 311712, 311941, 311999, 312140, 312210, 312221, and 312229 value of production is shown. For industry 336611, value of work done is shown.

⁷Beginning in 1997, the data shown are for total capital expenditures (new and used). Prior to 1997, only data for new capital expenditures were shown in this table. For 1996 and earlier years, data have been adjusted to show total capital expenditures.

Note 1: Previous years' data may differ from that published in the 2003 Annual Survey of Manufactures (ASM) because of changes encountered in subsequent review of the 2004 ASM.

Note 2: The data in this table are based on the 2004 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The data in this table contain sampling errors and nonsampling errors. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Statistics for Industry Groups and Industries: 2004 and Earlier Years—Con.

[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]

NAICS and NAICS-based code ¹	Industry group and industry	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments ³ (\$1,000)	Relative standard error of estimate ⁴ (percent) for column—	
		Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				A	F
		A	B	C	D	E				F	G
334	Computer and electronic product manufacturing—Con.										
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2004.. 389 226	25 060 848	146 792	297 850	6 327 651	66 470 186	37 328 763	103 508 799	1	5
		2003.. 393 205	23 974 416	154 775	306 622	6 243 374	60 515 547	33 556 064	93 345 261	1	1
		2002.. 415 996	23 571 769	167 856	324 546	6 541 530	56 409 846	34 557 718	92 203 268	X	X
33451	Navigational, measuring, medical, and control instruments manufacturing	2004.. 389 226	25 060 848	146 792	297 850	6 327 651	66 470 186	37 328 763	103 508 799	1	5
		2003.. 393 205	23 974 416	154 775	306 622	6 243 374	60 515 547	33 556 064	93 345 261	1	1
		2002.. 415 996	23 571 769	167 856	324 546	6 541 530	56 409 846	34 557 718	92 203 268	X	X
334510	Electromedical and electrotherapeutic apparatus manufacturing	2004.. 55 012	3 508 261	24 761	53 586	1 076 816	11 580 245	6 511 310	18 179 327	2	2
		2003.. 54 955	3 214 300	25 981	55 176	1 034 228	10 696 196	5 785 782	16 587 903	1	1
		2002.. 58 354	3 108 203	27 364	55 118	974 110	9 731 759	5 852 485	15 680 811	X	X
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	2004.. 147 489	10 549 276	42 817	82 613	2 219 237	27 206 350	12 141 395	39 001 897	2	12
		2003.. 144 218	9 910 978	44 026	85 514	2 205 866	23 779 893	10 174 245	33 023 795	1	1
		2002.. 142 775	9 142 067	47 281	87 570	2 220 691	21 190 101	10 150 186	32 258 082	X	X
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	2004.. 13 608	524 815	8 517	18 078	249 588	1 749 976	957 092	2 744 971	2	2
		2003.. 15 971	583 936	10 345	21 406	286 772	1 661 148	1 120 419	2 806 732	1	2
		2002.. 17 401	636 173	11 066	21 850	308 356	1 662 199	1 216 779	2 912 971	X	X
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	2004.. 35 719	1 859 672	16 239	33 476	596 050	4 299 143	2 810 917	7 110 369	1	1
		2003.. 37 425	1 866 908	16 684	33 411	559 745	4 295 818	2 652 681	6 950 522	2	1
		2002.. 39 929	1 892 380	18 008	35 543	597 355	4 323 460	2 647 585	7 044 047	X	X
334514	Totalizing fluid meter and counting device manufacturing	2004.. 15 909	732 765	10 166	20 139	374 192	2 102 464	3 141 976	5 244 860	1	3
		2003.. 15 200	667 871	9 128	17 702	336 662	2 142 671	2 743 042	4 934 729	5	2
		2002.. 16 398	725 718	10 572	19 958	382 232	1 969 887	2 852 850	4 820 321	X	X
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	2004.. 46 636	3 197 897	14 415	28 787	622 599	7 565 012	3 542 587	11 175 166	2	2
		2003.. 46 708	3 134 294	16 164	28 529	620 361	6 612 215	3 472 652	10 130 232	2	1
		2002.. 56 153	3 415 349	18 966	37 478	805 663	6 010 197	3 680 207	9 903 743	X	X
334516	Analytical laboratory instrument manufacturing	2004.. 31 057	2 076 242	10 359	21 013	388 441	4 973 707	3 146 611	8 080 947	2	3
		2003.. 32 326	1 984 971	11 418	22 611	425 679	4 932 893	2 898 010	7 810 420	1	2
		2002.. 34 128	2 007 485	11 555	22 564	432 333	4 958 699	3 283 795	8 187 465	X	X
334517	Irradiation apparatus manufacturing	2004.. 13 008	939 251	4 951	10 290	232 990	2 711 241	2 453 305	5 149 683	5	4
		2003.. 12 816	903 922	4 705	9 756	203 741	2 391 065	2 237 524	4 631 396	1	1
		2002.. 13 470	825 993	4 586	9 352	195 003	2 516 308	2 294 012	4 736 157	X	X
334518	Watch, clock, and parts manufacturing	2004.. 2 605	102 342	1 803	3 648	56 978	397 001	243 711	630 267	2	3
		2003.. 2 686	96 964	1 778	3 634	47 396	348 600	226 684	579 079	5	4
		2002.. 3 466	120 479	2 350	4 662	61 212	408 301	276 741	677 031	X	X
334519	Other measuring and controlling device manufacturing	2004.. 28 182	1 570 327	12 763	26 219	510 759	3 885 048	2 379 859	6 191 312	2	2
		2003.. 30 901	1 610 272	14 546	28 885	522 923	3 655 048	2 245 026	5 890 452	2	2
		2002.. 33 922	1 697 922	16 108	30 451	564 575	3 638 935	2 303 078	5 982 640	X	X
3346	Manufacturing and reproducing magnetic and optical media	2004.. 34 228	1 563 799	24 000	50 626	843 969	4 200 298	3 714 315	7 943 570	2	2
		2003.. 36 537	1 414 455	27 051	55 163	893 873	4 647 792	2 970 229	7 631 093	2	3
		2002.. 37 904	1 367 077	27 727	57 863	846 463	4 656 324	2 867 369	7 549 721	X	X
33461	Manufacturing and reproducing magnetic and optical media	2004.. 34 228	1 563 799	24 000	50 626	843 969	4 200 298	3 714 315	7 943 570	2	2
		2003.. 36 537	1 414 455	27 051	55 163	893 873	4 647 792	2 970 229	7 631 093	2	3
		2002.. 37 904	1 367 077	27 727	57 863	846 463	4 656 324	2 867 369	7 549 721	X	X
334611	Software reproducing	2004.. 2 639	118 331	1 664	3 216	64 749	298 658	176 331	474 599	5	4
		2003.. 2 822	110 054	2 379	4 183	80 572	295 474	175 681	471 676	12	11
		2002.. 2 783	120 737	1 848	3 322	63 983	290 470	187 205	477 921	X	X
334612	Prerecorded compact disc (except software), tape, and record reproducing	2004.. 22 171	804 661	16 782	36 701	523 664	2 723 277	1 534 358	4 261 060	3	2
		2003.. 26 616	909 084	19 936	41 688	588 569	3 032 851	1 673 504	4 702 971	2	5
		2002.. 28 447	952 295	21 249	44 580	607 847	2 887 709	1 597 425	4 480 372	X	X
334613	Magnetic and optical recording media manufacturing	2004.. 9 419	640 807	5 555	10 709	255 556	1 178 363	2 003 626	3 207 911	1	1
		2003.. 7 099	395 317	4 736	9 291	224 732	1 319 466	1 121 044	2 456 445	2	2
		2002.. 6 674	294 045	4 630	9 961	174 633	1 478 145	1 082 739	2 591 428	X	X

See footnotes at end of table.

Table 2. Statistics for Industry Groups and Industries: 2004 and Earlier Years—Con.

[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]

NAICS and NAICS-based code ¹	Industry group and industry	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments ³ (\$1,000)	Relative standard error of estimate ⁴ (percent) for column—	
		Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				A	F
336	Transportation equipment manufacturing—Con.										
3363	Motor vehicle parts manufacturing—Con.										
33636	Motor vehicle seating and interior trim manufacturing	2004.. 49 968	2 028 652	36 854	74 752	1 332 936	4 453 455	11 655 748	16 104 437	1	1
		2003.. 53 032	2 088 261	40 261	79 769	1 407 294	5 282 645	11 301 097	16 580 579	1	1
		2002.. 53 779	1 998 707	41 400	81 786	1 366 864	4 793 368	11 899 163	16 711 277	X	X
336360	Motor vehicle seating and interior trim manufacturing . . .	2004.. 49 968	2 028 652	36 854	74 752	1 332 936	4 453 455	11 655 748	16 104 437	1	1
		2003.. 53 032	2 088 261	40 261	79 769	1 407 294	5 282 645	11 301 097	16 580 579	1	1
		2002.. 53 779	1 998 707	41 400	81 786	1 366 864	4 793 368	11 899 163	16 711 277	X	X
33637	Motor vehicle metal stamping . . .	2004.. 107 521	5 930 491	88 877	183 931	4 693 022	13 014 620	13 462 420	26 450 587	2	1
		2003.. 108 926	5 897 961	89 202	190 188	4 636 617	12 761 056	13 067 873	25 856 987	2	2
		2002.. 126 040	5 802 725	104 298	191 984	4 553 668	12 508 768	13 226 171	25 670 747	X	X
336370	Motor vehicle metal stamping	2004.. 107 521	5 930 491	88 877	183 931	4 693 022	13 014 620	13 462 420	26 450 587	2	1
		2003.. 108 926	5 897 961	89 202	190 188	4 636 617	12 761 056	13 067 873	25 856 987	2	2
		2002.. 126 040	5 802 725	104 298	191 984	4 553 668	12 508 768	13 226 171	25 670 747	X	X
33639	Other motor vehicle parts manufacturing	2004.. 160 212	6 272 112	125 839	254 759	4 389 101	17 733 217	25 021 168	42 787 551	1	1
		2003.. 159 484	6 080 030	123 601	250 669	4 143 421	17 923 076	24 652 421	42 710 392	1	1
		2002.. 164 391	6 113 346	130 070	256 911	4 228 379	18 802 034	23 999 184	42 722 932	X	X
336391	Motor vehicle air-conditioning manufacturing	2004.. 19 423	954 452	15 246	29 909	674 992	2 221 215	3 804 014	6 008 113	2	3
		2003.. 19 229	947 419	15 273	30 314	665 615	2 399 862	3 951 656	6 355 330	1	1
		2002.. 18 870	932 344	15 224	30 477	679 528	2 757 617	4 063 791	6 825 527	X	X
336399	All other miscellaneous motor vehicle parts manufacturing	2004.. 140 789	5 317 659	110 593	224 850	3 714 108	15 512 002	21 217 154	36 779 438	2	1
		2003.. 140 255	5 132 611	108 328	220 355	3 477 806	15 523 215	20 700 764	36 355 062	1	1
		2002.. 145 521	5 181 002	114 846	226 434	3 548 851	16 044 417	19 935 393	35 897 405	X	X
3364	Aerospace product and parts manufacturing	2004.. 384 605	24 550 129	189 933	368 528	10 330 347	67 594 211	56 030 540	126 129 082	1	1
		2003.. 388 598	23 953 429	191 529	387 793	10 202 165	67 135 349	57 686 419	126 310 205	1	1
		2002.. 394 627	23 687 110	194 331	396 565	10 295 157	64 148 082	59 959 337	124 681 094	X	X
33641	Aerospace product and parts manufacturing	2004.. 384 605	24 550 129	189 933	368 528	10 330 347	67 594 211	56 030 540	126 129 082	1	1
		2003.. 388 598	23 953 429	191 529	387 793	10 202 165	67 135 349	57 686 419	126 310 205	1	1
		2002.. 394 627	23 687 110	194 331	396 565	10 295 157	64 148 082	59 959 337	124 681 094	X	X
336411	Aircraft manufacturing	2004.. 162 810	10 191 161	82 948	150 563	4 583 483	30 195 766	30 661 888	63 474 959	1	1
		2003.. 162 807	10 059 873	79 669	156 894	4 506 480	31 058 467	32 111 216	64 108 490	1	1
		2002.. 164 963	9 992 081	77 356	155 766	4 446 358	29 557 132	34 474 552	64 307 364	X	X
336412	Aircraft engine and engine parts manufacturing	2004.. 66 434	4 077 677	37 492	75 402	1 996 899	12 983 030	11 232 765	24 279 543	1	1
		2003.. 64 981	3 926 635	37 407	76 153	1 894 369	12 804 734	10 624 640	23 538 792	1	1
		2002.. 71 834	4 117 520	40 080	82 793	1 920 444	11 669 394	11 593 866	23 532 038	X	X
336413	Other aircraft parts and auxiliary equipment manufacturing	2004.. 88 965	5 255 054	45 931	93 773	2 320 188	14 253 149	7 526 332	21 598 050	1	1
		2003.. 95 215	5 269 410	51 393	107 188	2 449 396	12 515 031	7 751 493	20 620 579	1	1
		2002.. 98 430	5 337 642	53 954	113 547	2 666 143	13 202 499	7 278 898	20 794 352	X	X
336414	Guided missile and space vehicle manufacturing	2004.. 46 822	3 644 394	15 230	31 232	1 025 563	7 679 663	5 490 341	12 935 759	1	1
		2003.. 46 005	3 409 271	14 974	30 318	977 697	8 163 074	6 278 273	14 558 340	1	1
		2002.. 38 661	2 935 471	14 376	27 212	866 872	7 222 394	5 580 180	12 518 301	X	X
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	2004.. 13 497	1 026 401	4 765	10 631	261 575	1 859 192	711 593	2 819 545	1	1
		2003.. 13 843	979 602	5 012	10 794	260 680	2 017 113	647 821	2 653 829	2	1
		2002.. 14 512	983 405	5 530	11 080	284 206	1 848 076	725 835	2 601 373	X	X
336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	2004.. 6 077	355 441	3 568	6 926	142 639	623 412	407 622	1 021 226	1	1
		2003.. 5 747	308 639	3 074	6 447	113 543	576 930	272 976	830 174	1	1
		2002.. 6 227	320 991	3 035	6 167	111 134	648 587	306 006	927 666	X	X
3365	Railroad rolling stock manufacturing	2004.. 24 077	1 123 054	15 486	30 863	607 699	3 216 704	4 471 997	7 566 129	1	2
		2003.. 24 530	1 156 084	15 399	29 981	587 005	2 909 834	4 269 369	7 404 763	1	1
		2002.. 25 541	1 204 438	15 743	30 968	638 108	3 776 018	4 070 775	7 883 598	X	X
33651	Railroad rolling stock manufacturing	2004.. 24 077	1 123 054	15 486	30 863	607 699	3 216 704	4 471 997	7 566 129	1	2
		2003.. 24 530	1 156 084	15 399	29 981	587 005	2 909 834	4 269 369	7 404 763	1	1
		2002.. 25 541	1 204 438	15 743	30 968	638 108	3 776 018	4 070 775	7 883 598	X	X
336510	Railroad rolling stock manufacturing	2004.. 24 077	1 123 054	15 486	30 863	607 699	3 216 704	4 471 997	7 566 129	1	2
		2003.. 24 530	1 156 084	15 399	29 981	587 005	2 909 834	4 269 369	7 404 763	1	1
		2002.. 25 541	1 204 438	15 743	30 968	638 108	3 776 018	4 070 775	7 883 598	X	X

See footnotes at end of table.

Table 3. Employment and Labor Costs for Industry Groups and Industries: 2004 and Earlier Years—Con.

[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]

NAICS and NAICS-based code ¹	Industry group and industry	All employees ²	Compensation (\$1,000)			Relative standard error of estimate ³ (percent) for column—
			Total	Payroll	Total fringe benefits	
			A	B	C	
334	Computer and electronic product manufacturing—Con.					
3343	Audio and video equipment manufacturing	2004.. 21 059	1 116 613	911 054	205 559	3
		2003.. 23 851	1 152 535	936 594	215 941	1
		2002.. 25 258	1 175 293	955 561	219 732	X
33431	Audio and video equipment manufacturing	2004.. 21 059	1 116 613	911 054	205 559	3
		2003.. 23 851	1 152 535	936 594	215 941	1
		2002.. 25 258	1 175 293	955 561	219 732	X
334310	Audio and video equipment manufacturing	2004.. 21 059	1 116 613	911 054	205 559	3
		2003.. 23 851	1 152 535	936 594	215 941	1
		2002.. 25 258	1 175 293	955 561	219 732	X
3344	Semiconductor and other electronic component manufacturing	2004.. 354 752	21 863 380	17 815 119	4 048 261	1
		2003.. 387 248	22 792 422	18 496 521	4 295 900	1
		2002.. 438 210	24 448 363	19 898 761	4 549 602	X
33441	Semiconductor and other electronic component manufacturing	2004.. 354 752	21 863 380	17 815 119	4 048 261	1
		2003.. 387 248	22 792 422	18 496 521	4 295 900	1
		2002.. 438 210	24 448 363	19 898 761	4 549 602	X
334411	Electron tube manufacturing	2004.. 6 382	371 561	287 293	84 268	4
		2003.. 9 155	509 153	381 211	127 941	1
		2002.. 11 332	638 686	479 824	158 862	X
334412	Bare printed circuit board manufacturing	2004.. 37 605	1 741 448	1 442 527	298 921	2
		2003.. 40 134	1 730 647	1 440 319	290 327	3
		2002.. 47 067	2 022 045	1 665 534	356 511	X
334413	Semiconductor and related device manufacturing	2004.. 136 266	10 765 537	8 738 831	2 026 706	2
		2003.. 149 810	11 290 872	9 094 480	2 196 392	1
		2002.. 169 520	12 077 785	9 811 316	2 266 469	X
334414	Electronic capacitor manufacturing	2004.. 8 069	391 313	305 482	85 831	3
		2003.. 9 016	408 780	322 991	85 789	4
		2002.. 10 937	483 961	383 510	100 451	X
334415	Electronic resistor manufacturing	2004.. 5 413	235 979	185 706	50 274	3
		2003.. 5 654	233 702	186 338	47 365	2
		2002.. 5 435	213 302	172 240	41 062	X
334416	Electronic coil, transformer, and other inductor manufacturing	2004.. 10 456	400 774	334 628	66 145	3
		2003.. 11 196	417 421	344 276	73 145	3
		2002.. 11 265	395 332	329 666	65 666	X
334417	Electronic connector manufacturing	2004.. 21 884	1 105 432	878 216	227 216	3
		2003.. 22 881	1 104 515	889 859	214 656	1
		2002.. 24 480	1 126 598	915 948	210 650	X
334418	Printed circuit assembly (electronic assembly) manufacturing	2004.. 69 427	3 844 875	3 171 176	673 699	2
		2003.. 77 616	4 116 317	3 391 532	724 785	2
		2002.. 88 341	4 294 347	3 522 350	771 997	X
334419	Other electronic component manufacturing	2004.. 59 249	3 006 460	2 471 260	535 200	2
		2003.. 61 789	2 981 016	2 445 516	535 500	1
		2002.. 69 833	3 196 307	2 618 373	577 934	X
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2004.. 389 226	31 638 338	25 060 848	6 577 490	3
		2003.. 393 205	30 239 101	23 974 416	6 264 685	1
		2002.. 415 996	29 563 765	23 571 769	5 991 996	X
33451	Navigational, measuring, medical, and control instruments manufacturing	2004.. 389 226	31 638 338	25 060 848	6 577 490	3
		2003.. 393 205	30 239 101	23 974 416	6 264 685	1
		2002.. 415 996	29 563 765	23 571 769	5 991 996	X
334510	Electromedical and electrotherapeutic apparatus manufacturing	2004.. 55 012	4 249 932	3 508 261	741 671	2
		2003.. 54 955	3 929 295	3 214 300	714 995	1
		2002.. 58 354	3 789 675	3 108 203	681 472	X
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	2004.. 147 489	13 867 748	10 549 276	3 318 471	5
		2003.. 144 218	12 997 750	9 910 978	3 086 772	1
		2002.. 142 775	11 801 869	9 142 067	2 659 802	X
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	2004.. 13 608	687 111	524 815	162 296	2
		2003.. 15 971	757 279	583 936	173 343	2
		2002.. 17 401	810 148	636 173	173 975	X
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	2004.. 35 719	2 283 053	1 859 672	423 381	1
		2003.. 37 425	2 312 371	1 866 908	445 463	1
		2002.. 39 929	2 315 021	1 892 380	422 641	X
334514	Totalizing fluid meter and counting device manufacturing	2004.. 15 909	969 319	732 765	236 554	2
		2003.. 15 200	905 443	667 871	237 572	1
		2002.. 16 398	945 743	725 718	220 025	X
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	2004.. 46 636	3 847 611	3 197 897	649 714	2
		2003.. 46 708	3 724 060	3 134 294	589 765	1
		2002.. 56 153	4 243 038	3 415 349	827 689	X
334516	Analytical laboratory instrument manufacturing	2004.. 31 057	2 520 515	2 076 242	444 273	3
		2003.. 32 326	2 413 191	1 984 971	428 220	2
		2002.. 34 128	2 466 398	2 007 485	458 913	X
334517	Irradiation apparatus manufacturing	2004.. 13 008	1 137 264	939 251	198 013	5
		2003.. 12 816	1 088 946	903 922	185 024	1
		2002.. 13 470	978 492	825 993	152 499	X

See footnotes at end of table.

Table 3. Employment and Labor Costs for Industry Groups and Industries: 2004 and Earlier Years—Con.

[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]

NAICS and NAICS-based code ¹	Industry group and industry	All employees ²	Compensation (\$1,000)			Relative standard error of estimate ³ (percent) for column—
			Total	Payroll	Total fringe benefits	
			A	B	C	
334	Computer and electronic product manufacturing—Con.					
3345	Navigational, measuring, electromedical, and control instruments manufacturing—Con.					
33451	Navigational, measuring, medical, and control instruments manufacturing—Con.					
334518	Watch, clock, and parts manufacturing	2004.. 2 605	125 668	102 342	23 326	3
		2003.. 2 686	118 994	96 964	22 030	6
		2002.. 3 466	150 556	120 479	30 077	X
334519	Other measuring and controlling device manufacturing	2004.. 28 182	1 950 118	1 570 327	379 791	2
		2003.. 30 901	1 991 774	1 610 272	381 501	3
		2002.. 33 922	2 062 825	1 697 922	364 903	X
3346	Manufacturing and reproducing magnetic and optical media	2004.. 34 228	1 961 879	1 563 799	398 080	1
		2003.. 36 537	1 738 873	1 414 455	324 418	2
		2002.. 37 904	1 684 412	1 367 077	317 335	X
33461	Manufacturing and reproducing magnetic and optical media	2004.. 34 228	1 961 879	1 563 799	398 080	1
		2003.. 36 537	1 738 873	1 414 455	324 418	2
		2002.. 37 904	1 684 412	1 367 077	317 335	X
334611	Software reproducing	2004.. 2 639	140 090	118 331	21 759	4
		2003.. 2 822	132 863	110 054	22 809	20
		2002.. 2 783	142 096	120 737	21 359	X
334612	Prerecorded compact disc (except software), tape, and record reproducing	2004.. 22 171	1 010 834	804 661	206 173	2
		2003.. 26 616	1 114 680	909 084	205 596	2
		2002.. 28 447	1 167 236	952 295	214 941	X
334613	Magnetic and optical recording media manufacturing	2004.. 9 419	810 955	640 807	170 148	1
		2003.. 7 099	491 330	395 317	96 013	4
		2002.. 6 674	375 080	294 045	81 035	X
335	Electrical equipment, appliance, and component manufacturing	2004.. 432 227	22 398 728	17 165 563	5 233 165	1
		2003.. 447 433	22 102 985	17 016 156	5 086 829	1
		2002.. 491 030	23 106 165	18 010 390	5 095 775	X
3351	Electric lighting equipment manufacturing	2004.. 58 801	2 806 855	2 244 546	562 309	2
		2003.. 59 330	2 676 798	2 128 119	548 679	1
		2002.. 66 049	2 787 854	2 252 498	535 356	X
33511	Electric lamp bulb and parts manufacturing	2004.. 10 653	698 832	521 488	177 344	2
		2003.. 11 045	662 926	492 188	170 738	2
		2002.. 11 552	646 219	489 781	156 438	X
335110	Electric lamp bulb and parts manufacturing	2004.. 10 653	698 832	521 488	177 344	2
		2003.. 11 045	662 926	492 188	170 738	2
		2002.. 11 552	646 219	489 781	156 438	X
33512	Lighting fixture manufacturing	2004.. 48 148	2 108 023	1 723 059	384 965	2
		2003.. 48 285	2 013 872	1 635 932	377 940	2
		2002.. 54 497	2 141 635	1 762 717	378 918	X
33512M	Lighting fixture manufacturing	2004.. 48 148	2 108 023	1 723 059	384 965	2
		2003.. 48 285	2 013 872	1 635 932	377 940	2
		2002.. 54 497	2 141 635	1 762 717	378 918	X
3352	Household appliance manufacturing	2004.. 82 583	4 059 347	2 855 399	1 203 948	1
		2003.. 85 345	4 016 279	2 885 135	1 131 144	1
		2002.. 88 794	4 068 257	2 993 447	1 074 810	X
33521	Small electrical appliance manufacturing	2004.. 14 913	693 152	509 143	184 009	1
		2003.. 16 752	741 026	556 821	184 205	1
		2002.. 18 781	820 279	606 186	214 093	X
33521M	Small electrical appliance manufacturing	2004.. 14 913	693 152	509 143	184 009	1
		2003.. 16 752	741 026	556 821	184 205	1
		2002.. 18 781	820 279	606 186	214 093	X
33522	Major appliance manufacturing	2004.. 67 670	3 366 195	2 346 256	1 019 939	1
		2003.. 68 593	3 275 253	2 328 314	946 939	1
		2002.. 70 013	3 247 978	2 387 261	860 717	X
335221	Household cooking appliance manufacturing	2004.. 16 700	683 928	506 770	177 158	1
		2003.. 17 275	666 269	491 283	174 986	1
		2002.. 17 977	655 392	498 003	157 389	X
335222	Household refrigerator and home freezer manufacturing	2004.. 23 362	1 186 666	812 871	373 795	1
		2003.. 22 989	1 164 216	797 316	366 900	1
		2002.. 23 487	1 147 756	814 868	332 888	X
335224	Household laundry equipment manufacturing	2004.. 15 140	827 682	552 929	274 753	1
		2003.. 15 510	807 907	572 109	235 798	1
		2002.. 15 878	830 380	617 313	213 067	X
335228	Other major household appliance manufacturing	2004.. 12 468	667 919	473 686	194 233	1
		2003.. 12 819	636 861	467 606	169 255	4
		2002.. 12 671	614 450	457 077	157 373	X
3353	Electrical equipment manufacturing	2004.. 142 692	7 469 598	5 818 206	1 651 392	1
		2003.. 146 969	7 428 923	5 795 934	1 632 988	1
		2002.. 161 646	7 835 266	6 168 286	1 666 980	X

See footnotes at end of table.

Table 3. Employment and Labor Costs for Industry Groups and Industries: 2004 and Earlier Years—Con.

[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]

NAICS and NAICS-based code ¹	Industry group and industry	All employees ²	Compensation (\$1,000)			Relative standard error of estimate ³ (percent) for column—
			Total	Payroll	Total fringe benefits	
			A	B	C	
336	Transportation equipment manufacturing—Con.					
3364	Aerospace product and parts manufacturing	2004.. 384 605	32 422 208	24 550 129	7 872 079	1
		2003.. 388 598	31 875 573	23 953 429	7 922 143	1
		2002.. 394 627	31 063 561	23 687 110	7 376 451	X
33641	Aerospace product and parts manufacturing	2004.. 384 605	32 422 208	24 550 129	7 872 079	1
		2003.. 388 598	31 875 573	23 953 429	7 922 143	1
		2002.. 394 627	31 063 561	23 687 110	7 376 451	X
336411	Aircraft manufacturing	2004.. 162 810	13 152 163	10 191 161	2 961 002	1
		2003.. 162 807	13 138 144	10 059 873	3 078 271	1
		2002.. 164 963	13 122 361	9 992 081	3 130 280	X
336412	Aircraft engine and engine parts manufacturing	2004.. 66 434	5 360 027	4 077 677	1 282 349	1
		2003.. 64 981	5 197 084	3 926 635	1 270 449	1
		2002.. 71 834	5 398 147	4 117 520	1 280 627	X
336413	Other aircraft parts and auxiliary equipment manufacturing	2004.. 88 965	7 145 478	5 255 054	1 890 424	1
		2003.. 95 215	7 204 026	5 269 410	1 934 617	1
		2002.. 98 430	7 063 557	5 337 642	1 725 915	X
336414	Guided missile and space vehicle manufacturing	2004.. 46 822	4 970 964	3 644 394	1 326 570	1
		2003.. 46 005	4 683 562	3 409 271	1 274 291	1
		2002.. 38 661	3 783 090	2 935 471	847 619	X
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	2004.. 13 497	1 316 050	1 026 401	289 648	1
		2003.. 13 843	1 255 974	979 602	276 372	1
		2002.. 14 512	1 280 651	983 405	297 246	X
336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	2004.. 6 077	477 527	355 441	122 086	1
		2003.. 5 747	396 783	308 639	88 144	1
		2002.. 6 227	415 755	320 991	94 764	X
3365	Railroad rolling stock manufacturing	2004.. 24 077	1 488 631	1 123 054	365 577	1
		2003.. 24 530	1 523 600	1 156 084	367 516	1
		2002.. 25 541	1 581 220	1 204 438	376 782	X
33651	Railroad rolling stock manufacturing	2004.. 24 077	1 488 631	1 123 054	365 577	1
		2003.. 24 530	1 523 600	1 156 084	367 516	1
		2002.. 25 541	1 581 220	1 204 438	376 782	X
336510	Railroad rolling stock manufacturing	2004.. 24 077	1 488 631	1 123 054	365 577	1
		2003.. 24 530	1 523 600	1 156 084	367 516	1
		2002.. 25 541	1 581 220	1 204 438	376 782	X
3366	Ship and boat building	2004.. 142 208	7 136 835	5 506 343	1 630 492	1
		2003.. 135 174	6 760 856	5 224 821	1 536 035	1
		2002.. 137 079	6 534 662	5 085 079	1 449 583	X
33661	Ship and boat building	2004.. 142 208	7 136 835	5 506 343	1 630 492	1
		2003.. 135 174	6 760 856	5 224 821	1 536 035	1
		2002.. 137 079	6 534 662	5 085 079	1 449 583	X
336611	Ship building and repairing	2004.. 87 111	4 997 687	3 772 590	1 225 097	1
		2003.. 86 155	4 863 030	3 692 026	1 171 004	1
		2002.. 87 152	4 726 543	3 611 324	1 115 219	X
336612	Boat building	2004.. 55 096	2 139 148	1 733 753	405 395	1
		2003.. 49 019	1 897 826	1 532 796	365 030	2
		2002.. 49 927	1 808 119	1 473 755	334 364	X
3369	Other transportation equipment manufacturing	2004.. 37 581	2 071 692	1 545 292	526 400	1
		2003.. 39 429	2 109 915	1 595 024	514 891	2
		2002.. 39 767	2 000 613	1 539 193	461 420	X
33699	Other transportation equipment manufacturing	2004.. 37 581	2 071 692	1 545 292	526 400	1
		2003.. 39 429	2 109 915	1 595 024	514 891	2
		2002.. 39 767	2 000 613	1 539 193	461 420	X
336991	Motorcycle, bicycle, and parts manufacturing	2004.. 14 167	881 484	626 290	255 194	2
		2003.. 15 443	921 163	666 928	254 235	3
		2002.. 15 348	871 715	641 936	229 779	X
336992	Military armored vehicle, tank, and tank component manufacturing	2004.. 4 182	323 282	253 845	69 437	1
		2003.. 4 177	317 600	247 699	69 901	1
		2002.. 4 521	307 288	245 167	62 121	X
336999	All other transportation equipment manufacturing	2004.. 19 232	866 926	665 158	201 768	2
		2003.. 19 808	871 152	680 397	190 754	4
		2002.. 19 898	821 610	652 090	169 520	X
337	Furniture and related product manufacturing	2004.. 560 584	21 389 242	17 498 882	3 890 360	1
		2003.. 557 440	20 659 048	16 845 350	3 813 698	1
		2002.. 596 135	21 176 545	17 421 657	3 754 888	X
3371	Household and institutional furniture and kitchen cabinet manufacturing	2004.. 367 582	12 932 112	10 653 128	2 278 984	1
		2003.. 358 296	12 277 504	10 084 972	2 192 532	1
		2002.. 386 986	12 660 116	10 501 183	2 158 933	X
33711	Wood kitchen cabinet and counter top manufacturing	2004.. 136 790	5 054 502	4 198 422	856 080	1
		2003.. 127 981	4 530 918	3 773 362	757 556	1
		2002.. 126 262	4 315 573	3 621 359	694 214	X
337110	Wood kitchen cabinet and counter top manufacturing	2004.. 136 790	5 054 502	4 198 422	856 080	1
		2003.. 127 981	4 530 918	3 773 362	757 556	1
		2002.. 126 262	4 315 573	3 621 359	694 214	X

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Groups and Industries: 2004 and Earlier Years—Con.

[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]

NAICS and NAICS-based code ¹	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy				Cost of purchased fuels (\$1,000)	Relative standard error of estimate ² (percent) for column—	
			Purchased		Generated (1,000 kWh)	Sold or transferred (1,000 kWh)		C	F
			Quantity (1,000 kWh)	Cost (\$1,000)					
			A	B	C	D		E	F
334	Computer and electronic product manufacturing—Con.								
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2004.. 641 798	8 765 379	557 983	11 417	17 779	83 815	3	2
		2003.. 569 137	7 494 384	488 998	N	N	80 139	1	1
		2002.. 548 737	6 807 423	463 972	N	N	84 765	X	X
33451	Navigational, measuring, medical, and control instruments manufacturing	2004.. 641 798	8 765 379	557 983	11 417	17 779	83 815	3	2
		2003.. 569 137	7 494 384	488 998	N	N	80 139	1	1
		2002.. 548 737	6 807 423	463 972	N	N	84 765	X	X
334510	Electromedical and electrotherapeutic apparatus manufacturing	2004.. 76 454	1 039 956	65 103	—	S	11 351	1	1
		2003.. 63 649	880 864	53 264	N	N	10 384	1	1
		2002.. 55 425	744 116	46 338	N	N	9 087	X	X
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	2004.. 269 445	3 619 703	236 712	D	D	32 733	6	6
		2003.. 240 504	3 241 396	208 049	N	N	32 455	1	1
		2002.. 255 448	3 157 987	215 893	N	N	39 555	X	X
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use ..	2004.. 19 214	260 633	15 827	A	—	3 388	1	5
		2003.. 18 845	255 308	15 692	N	N	3 153	3	3
		2002.. 21 446	292 816	17 803	N	N	3 643	X	X
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	2004.. 47 347	618 776	39 271	S	S	8 076	2	4
		2003.. 46 720	564 320	39 495	N	N	7 225	1	3
		2002.. 44 606	545 502	37 905	N	N	6 701	X	X
334514	Totalizing fluid meter and counting device manufacturing ..	2004.. 26 755	396 147	20 178	D	—	6 577	1	1
		2003.. 21 692	314 894	15 693	N	N	5 999	1	1
		2002.. 22 226	320 639	17 144	N	N	5 082	X	X
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	2004.. 98 413	1 420 525	93 694	D	D	4 718	4	5
		2003.. 75 002	1 000 054	69 670	N	N	5 332	3	6
		2002.. 58 851	700 309	53 286	N	N	5 565	X	X
334516	Analytical laboratory instrument manufacturing	2004.. 38 341	476 447	30 595	—	—	7 746	4	3
		2003.. 45 771	543 922	38 695	N	N	7 076	6	4
		2002.. 36 171	373 697	28 655	N	N	7 516	X	X
334517	Irradiation apparatus manufacturing	2004.. 22 097	330 583	18 983	—	—	3 114	10	6
		2003.. 17 748	200 905	14 782	N	N	2 966	3	2
		2002.. 14 982	169 346	12 817	N	N	2 165	X	X
334518	Watch, clock, and parts manufacturing	2004.. 3 479	45 083	2 795	D	88	684	3	6
		2003.. 3 637	45 725	3 054	N	N	583	8	21
		2002.. 4 097	50 351	3 335	N	N	762	X	X
334519	Other measuring and controlling device manufacturing.....	2004.. 40 254	557 525	34 825	D	S	5 428	4	5
		2003.. 35 570	446 997	30 604	N	N	4 966	3	2
		2002.. 35 485	452 660	30 796	N	N	4 689	X	X
3346	Manufacturing and reproducing magnetic and optical media	2004.. 127 548	1 632 356	88 053	D	—	39 495	1	1
		2003.. 99 982	1 290 230	84 362	N	N	15 619	2	14
		2002.. 98 489	1 228 479	81 780	N	N	16 709	X	X
33461	Manufacturing and reproducing magnetic and optical media	2004.. 127 548	1 632 356	88 053	D	—	39 495	1	1
		2003.. 99 982	1 290 230	84 362	N	N	15 619	2	14
		2002.. 98 489	1 228 479	81 780	N	N	16 709	X	X
334611	Software reproducing.....	2004.. 6 010	92 291	5 219	—	—	790	4	5
		2003.. 7 247	76 420	5 274	N	N	1 973	5	10
		2002.. 6 170	68 668	4 877	N	N	1 293	X	X
334612	Prerecorded compact disc (except software), tape, and record reproducing.....	2004.. 58 047	940 581	52 868	—	—	5 179	2	3
		2003.. 63 877	843 275	58 109	N	N	5 768	3	38
		2002.. 62 963	838 472	55 528	N	N	7 435	X	X
334613	Magnetic and optical recording media manufacturing	2004.. 63 491	599 484	29 966	D	—	33 525	1	1
		2003.. 28 858	370 535	20 980	N	N	7 878	3	1
		2002.. 29 356	321 339	21 375	N	N	7 981	X	X

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Groups and Industries: 2004 and Earlier Years—Con.

[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]

NAICS and NAICS-based code ¹	Industry group and industry	Cost of purchased fuels and electric energy (\$1,000)	Electric energy				Cost of purchased fuels (\$1,000)	Relative standard error of estimate ² (percent) for column—	
			Purchased		Generated (1,000 kWh)	Sold or transferred (1,000 kWh)		C	F
			Quantity (1,000 kWh)	Cost (\$1,000)					
		A	B	C	D	E	F	C	F
336	Transportation equipment manufacturing—Con.								
3363	Motor vehicle parts manufacturing—Con.								
33639	Other motor vehicle parts manufacturing	2004.. 460 536	6 549 956	305 638	—	D	154 898	2	3
		2003.. 439 626	5 604 319	296 172	N	N	143 453	1	4
		2002.. 442 308	6 416 108	314 807	N	N	127 501	X	X
336391	Motor vehicle air-conditioning manufacturing	2004.. 40 565	742 999	30 520	—	—	10 046	2	1
		2003.. 43 434	750 307	31 647	N	N	11 787	1	3
		2002.. 70 595	1 691 925	60 549	N	N	10 046	X	X
336399	All other miscellaneous motor vehicle parts manufacturing	2004.. 419 971	5 806 957	275 118	—	D	144 852	2	3
		2003.. 396 191	4 854 012	264 525	N	N	131 666	1	4
		2002.. 371 713	4 724 183	254 258	N	N	117 455	X	X
3364	Aerospace product and parts manufacturing	2004.. 812 176	11 606 362	628 505	325 246	D	183 671	1	1
		2003.. 810 156	10 393 077	630 876	N	N	179 280	1	1
		2002.. 858 616	10 286 745	654 151	N	N	204 465	X	X
33641	Aerospace product and parts manufacturing	2004.. 812 176	11 606 362	628 505	325 246	D	183 671	1	1
		2003.. 810 156	10 393 077	630 876	N	N	179 280	1	1
		2002.. 858 616	10 286 745	654 151	N	N	204 465	X	X
336411	Aircraft manufacturing	2004.. 178 340	2 558 109	134 793	D	90	43 547	4	1
		2003.. 211 408	2 974 386	165 024	N	N	46 384	1	1
		2002.. 239 718	3 175 125	190 451	N	N	49 267	X	X
336412	Aircraft engine and engine parts manufacturing	2004.. 186 106	2 427 809	131 682	D	D	54 424	1	2
		2003.. 185 164	2 159 136	132 223	N	N	52 941	1	1
		2002.. 183 438	2 172 919	130 356	N	N	53 082	X	X
336413	Other aircraft parts and auxiliary equipment manufacturing	2004.. 284 657	4 596 759	230 812	D	S	53 845	1	3
		2003.. 273 253	3 587 439	221 817	N	N	51 437	1	4
		2002.. 291 742	3 222 502	218 250	N	N	73 492	X	X
336414	Guided missile and space vehicle manufacturing	2004.. 90 946	1 180 891	78 678	—	—	12 268	1	1
		2003.. 77 894	834 251	63 094	N	N	14 800	1	1
		2002.. 78 282	799 689	63 694	N	N	14 588	X	X
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	2004.. 46 330	554 324	32 942	—	D	13 388	1	1
		2003.. 41 847	539 394	32 450	N	N	9 397	1	1
		2002.. 43 847	605 267	35 035	N	N	8 812	X	X
336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	2004.. 25 797	288 470	19 598	—	—	6 198	3	1
		2003.. 20 590	298 471	16 268	N	N	4 322	1	1
		2002.. 21 589	311 243	16 365	N	N	5 224	X	X
3365	Railroad rolling stock manufacturing ..	2004.. 51 421	559 093	28 368	D	D	23 053	1	2
		2003.. 46 623	438 112	27 339	N	N	19 285	1	2
		2002.. 44 422	395 561	26 726	N	N	17 696	X	X
33651	Railroad rolling stock manufacturing	2004.. 51 421	559 093	28 368	D	D	23 053	1	2
		2003.. 46 623	438 112	27 339	N	N	19 285	1	2
		2002.. 44 422	395 561	26 726	N	N	17 696	X	X
336510	Railroad rolling stock manufacturing	2004.. 51 421	559 093	28 368	D	D	23 053	1	2
		2003.. 46 623	438 112	27 339	N	N	19 285	1	2
		2002.. 44 422	395 561	26 726	N	N	17 696	X	X
3366	Ship and boat building	2004.. 175 909	2 587 715	129 755	D	350	46 153	5	4
		2003.. 159 318	2 136 657	121 620	N	N	37 698	1	2
		2002.. 151 200	1 967 019	117 980	N	N	33 220	X	X
33661	Ship and boat building	2004.. 175 909	2 587 715	129 755	D	350	46 153	5	4
		2003.. 159 318	2 136 657	121 620	N	N	37 698	1	2
		2002.. 151 200	1 967 019	117 980	N	N	33 220	X	X
336611	Ship building and repairing	2004.. 116 943	1 838 309	90 585	—	51	26 358	7	3
		2003.. 110 185	1 632 537	88 666	N	N	21 518	1	1
		2002.. 103 413	1 487 673	85 461	N	N	17 952	X	X
336612	Boat building	2004.. 58 966	749 406	39 170	D	299	19 795	2	7
		2003.. 49 133	504 120	32 954	N	N	16 180	3	5
		2002.. 47 787	479 346	32 519	N	N	15 268	X	X
3369	Other transportation equipment manufacturing	2004.. 76 103	949 639	47 825	D	21	28 278	1	1
		2003.. 58 002	756 024	42 421	N	N	15 581	4	48
		2002.. 64 663	784 480	42 125	N	N	22 538	X	X

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment by Industry Groups and Industries: 2004 and Earlier Years—Con.

[Thousand dollars. 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.]

NAICS and NAICS-based code ¹	Industry group and industry	Total (new and used)	Buildings and other structures	Machinery and equipment				Relative standard error of estimate ² (percent) for column—	
				Total	Automobiles, trucks, etc., for highway use	Computers and peripheral data processing equipment	All other expenditures		
									A
334	Computer and electronic product manufacturing—Con.								
3344	Semiconductor and other electronic component manufacturing—Con.								
33441	Semiconductor and other electronic component manufacturing—Con.								
334416	Electronic coil, transformer, and other inductor manufacturing	2004.. 32 296	2 990	29 306	662	1 728	26 916	44	
		2003.. 8 792	765	8 027	463	1 186	6 377	11	
		2002.. 26 489	1 770	24 719	704	1 573	22 442	X	
334417	Electronic connector manufacturing	2004.. 105 073	5 170	99 902	648	6 984	92 270	5	
		2003.. 134 823	3 277	131 546	5 665	8 613	117 268	9	
		2002.. 143 333	7 111	136 222	2 136	8 796	125 290	X	
334418	Printed circuit assembly (electronic assembly) manufacturing	2004.. 352 126	25 177	326 949	3 716	102 389	220 845	7	
		2003.. 411 213	71 875	339 338	3 115	116 943	219 281	5	
		2002.. 601 956	73 565	528 391	10 996	176 765	340 630	X	
334419	Other electronic component manufacturing	2004.. 228 688	18 154	210 534	5 393	44 435	160 706	4	
		2003.. 389 368	53 556	335 812	11 634	58 494	265 685	11	
		2002.. 410 711	94 515	316 196	11 342	45 054	259 800	X	
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2004.. 2 758 029	775 061	1 982 968	36 379	313 136	1 633 452	2	
		2003.. 3 093 525	723 660	2 369 866	27 597	445 948	1 896 321	5	
		2002.. 2 652 632	527 650	2 124 982	54 493	322 185	1 748 304	X	
33451	Navigational, measuring, medical, and control instruments manufacturing	2004.. 2 758 029	775 061	1 982 968	36 379	313 136	1 633 452	2	
		2003.. 3 093 525	723 660	2 369 866	27 597	445 948	1 896 321	5	
		2002.. 2 652 632	527 650	2 124 982	54 493	322 185	1 748 304	X	
334510	Electromedical and electrotherapeutic apparatus manufacturing	2004.. 450 517	145 647	304 870	2 533	40 972	261 365	4	
		2003.. 460 337	170 498	289 838	3 327	42 365	244 146	2	
		2002.. 467 416	79 462	387 954	7 199	79 249	301 506	X	
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	2004.. 1 073 016	359 624	713 392	10 937	93 042	609 413	2	
		2003.. 1 389 663	393 345	996 317	4 366	247 221	744 731	2	
		2002.. 932 020	171 209	760 811	18 223	99 729	642 859	X	
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	2004.. 55 477	5 799	49 678	559	2 608	46 510	15	
		2003.. 49 642	3 414	46 228	237	3 425	42 565	5	
		2002.. 71 682	5 108	66 574	2 128	7 026	57 420	X	
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	2004.. 132 804	31 991	100 813	3 457	19 471	77 884	7	
		2003.. 110 286	11 933	98 353	3 110	21 104	74 138	8	
		2002.. 176 590	33 393	143 197	6 130	30 856	106 211	X	
334514	Totalizing fluid meter and counting device manufacturing	2004.. 69 607	6 619	62 987	603	5 449	56 935	5	
		2003.. 70 339	7 964	62 376	429	7 506	54 441	7	
		2002.. 90 420	7 228	83 192	2 526	6 437	74 229	X	
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	2004.. 406 195	36 075	370 120	8 703	76 801	284 616	6	
		2003.. 502 953	39 441	463 512	7 770	52 361	403 380	3	
		2002.. 458 567	137 741	320 826	6 321	29 786	284 719	X	
334516	Analytical laboratory instrument manufacturing	2004.. 339 305	138 252	201 054	6 011	39 332	155 710	9	
		2003.. 342 003	64 966	277 037	4 516	42 305	230 217	44	
		2002.. 238 041	54 345	183 696	4 495	29 498	149 703	X	
334517	Irradiation apparatus manufacturing	2004.. 113 604	27 950	85 653	334	18 182	67 137	9	
		2003.. 58 935	15 694	43 240	214	12 663	30 363	3	
		2002.. 84 737	15 157	69 580	1 611	14 962	53 007	X	
334518	Watch, clock, and parts manufacturing	2004.. 4 973	846	4 126	98	1 088	2 941	12	
		2003.. 4 364	666	3 698	357	573	2 768	16	
		2002.. 9 303	1 181	8 122	600	1 537	5 985	X	
334519	Other measuring and controlling device manufacturing	2004.. 112 533	22 258	90 275	3 144	16 191	70 940	5	
		2003.. 105 005	15 738	89 267	3 270	16 425	69 572	10	
		2002.. 123 856	22 826	101 030	5 260	23 105	72 665	X	
3346	Manufacturing and reproducing magnetic and optical media	2004.. 437 432	49 378	388 054	2 903	31 199	353 952	2	
		2003.. 395 840	21 629	374 211	4 325	26 262	343 624	9	
		2002.. 410 703	34 983	375 720	5 035	20 236	350 449	X	
33461	Manufacturing and reproducing magnetic and optical media	2004.. 437 432	49 378	388 054	2 903	31 199	353 952	2	
		2003.. 395 840	21 629	374 211	4 325	26 262	343 624	9	
		2002.. 410 703	34 983	375 720	5 035	20 236	350 449	X	
334611	Software reproducing	2004.. 25 979	2 940	23 039	263	3 414	19 362	4	
		2003.. 15 485	1 168	14 317	497	4 598	9 222	25	
		2002.. 19 060	3 078	15 982	1 071	3 041	11 870	X	
334612	Prerecorded compact disc (except software), tape, and record reproducing	2004.. 185 129	15 840	169 289	1 791	16 293	151 205	2	
		2003.. 277 518	5 871	271 647	3 680	17 467	250 500	13	
		2002.. 254 428	14 395	240 033	3 324	13 319	223 390	X	

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment by Industry Groups and Industries: 2004 and Earlier Years—Con.

[Thousand dollars. 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.]

NAICS and NAICS-based code ¹	Industry group and industry	Total (new and used)	Buildings and other structures	Machinery and equipment				Relative standard error of estimate ² (percent) for column—	
				Total	Automobiles, trucks, etc., for highway use	Computers and peripheral data processing equipment	All other expenditures		
									A
336	Transportation equipment manufacturing—Con.								
3363	Motor vehicle parts manufacturing	2004.. 6 271 372	515 502	5 755 869	62 491	292 028	5 401 350	1	
		2003.. 7 418 652	672 814	6 745 838	103 059	459 335	6 183 443	3	
		2002.. 7 555 622	838 060	6 717 562	84 391	245 519	6 387 652	X	
33631	Motor vehicle gasoline engine and engine parts manufacturing	2004.. 1 003 489	111 052	892 437	10 386	18 867	863 184	4	
		2003.. 1 150 310	169 027	981 283	15 503	23 183	942 597	3	
		2002.. 1 285 841	109 023	1 176 818	9 905	27 954	1 138 959	X	
33631M	Motor vehicle gasoline engine and engine parts manufacturing	2004.. 1 003 489	111 052	892 437	10 386	18 867	863 184	4	
		2003.. 1 150 310	169 027	981 283	15 503	23 183	942 597	3	
		2002.. 1 285 841	109 023	1 176 818	9 905	27 954	1 138 959	X	
33632	Motor vehicle electrical and electronic equipment manufacturing	2004.. 535 748	37 045	498 703	5 967	21 974	470 762	2	
		2003.. 690 867	56 424	634 443	7 033	51 098	576 313	8	
		2002.. 709 763	71 837	637 926	11 682	34 434	591 810	X	
33632M	Motor vehicle electrical and electronic equipment manufacturing	2004.. 535 748	37 045	498 703	5 967	21 974	470 762	2	
		2003.. 690 867	56 424	634 443	7 033	51 098	576 313	8	
		2002.. 709 763	71 837	637 926	11 682	34 434	591 810	X	
33633	Motor vehicle steering and suspension component (except spring) manufacturing	2004.. 317 186	18 592	298 594	1 469	11 031	286 094	6	
		2003.. 364 245	38 710	325 535	2 274	7 971	315 290	6	
		2002.. 400 763	38 738	362 025	2 452	8 797	350 776	X	
336330	Motor vehicle steering and suspension component (except spring) manufacturing	2004.. 317 186	18 592	298 594	1 469	11 031	286 094	6	
		2003.. 364 245	38 710	325 535	2 274	7 971	315 290	6	
		2002.. 400 763	38 738	362 025	2 452	8 797	350 776	X	
33634	Motor vehicle brake system manufacturing	2004.. 461 167	21 074	440 093	4 063	16 872	419 159	2	
		2003.. 423 296	14 172	409 123	2 146	12 162	394 815	4	
		2002.. 568 244	46 331	521 913	6 836	17 907	497 170	X	
336340	Motor vehicle brake system manufacturing	2004.. 461 167	21 074	440 093	4 063	16 872	419 159	2	
		2003.. 423 296	14 172	409 123	2 146	12 162	394 815	4	
		2002.. 568 244	46 331	521 913	6 836	17 907	497 170	X	
33635	Motor vehicle transmission and power train parts manufacturing	2004.. 1 327 217	55 406	1 271 811	4 169	60 948	1 206 694	2	
		2003.. 1 192 810	136 575	1 056 235	12 120	44 520	999 596	8	
		2002.. 1 620 123	179 091	1 441 032	8 758	35 689	1 396 585	X	
336350	Motor vehicle transmission and power train parts manufacturing	2004.. 1 327 217	55 406	1 271 811	4 169	60 948	1 206 694	2	
		2003.. 1 192 810	136 575	1 056 235	12 120	44 520	999 596	8	
		2002.. 1 620 123	179 091	1 441 032	8 758	35 689	1 396 585	X	
33636	Motor vehicle seating and interior trim manufacturing	2004.. 286 085	30 274	255 811	3 834	11 501	240 475	4	
		2003.. 295 383	28 602	266 781	2 195	12 009	252 577	4	
		2002.. 331 290	73 477	257 813	6 339	15 426	236 048	X	
336360	Motor vehicle seating and interior trim manufacturing	2004.. 286 085	30 274	255 811	3 834	11 501	240 475	4	
		2003.. 295 383	28 602	266 781	2 195	12 009	252 577	4	
		2002.. 331 290	73 477	257 813	6 339	15 426	236 048	X	
33637	Motor vehicle metal stamping	2004.. 1 016 346	114 544	901 802	14 067	94 810	792 925	3	
		2003.. 1 938 932	146 443	1 792 489	42 279	238 437	1 511 773	11	
		2002.. 1 027 707	156 389	871 318	12 932	43 306	815 080	X	
336370	Motor vehicle metal stamping	2004.. 1 016 346	114 544	901 802	14 067	94 810	792 925	3	
		2003.. 1 938 932	146 443	1 792 489	42 279	238 437	1 511 773	11	
		2002.. 1 027 707	156 389	871 318	12 932	43 306	815 080	X	
33639	Other motor vehicle parts manufacturing	2004.. 1 324 134	127 514	1 196 619	18 537	56 026	1 122 057	3	
		2003.. 1 362 809	82 862	1 279 948	19 510	69 955	1 190 483	6	
		2002.. 1 611 891	163 174	1 448 717	25 487	62 006	1 361 224	X	
336391	Motor vehicle air-conditioning manufacturing	2004.. 115 231	9 835	105 395	2 604	7 378	95 413	2	
		2003.. 135 460	5 989	129 471	1 691	6 690	121 090	3	
		2002.. 214 058	14 892	199 166	4 113	8 689	186 364	X	
336399	All other miscellaneous motor vehicle parts manufacturing	2004.. 1 208 903	117 679	1 091 224	15 933	48 648	1 026 644	3	
		2003.. 1 227 349	76 872	1 150 477	17 820	63 265	1 069 393	7	
		2002.. 1 397 833	148 282	1 249 551	21 374	53 317	1 174 860	X	
3364	Aerospace product and parts manufacturing	2004.. 2 292 934	693 297	1 599 637	23 917	183 538	1 392 183	2	
		2003.. 2 388 963	625 281	1 763 682	49 725	210 668	1 503 288	1	
		2002.. 2 842 294	583 527	2 258 767	44 826	277 421	1 936 520	X	
33641	Aerospace product and parts manufacturing	2004.. 2 292 934	693 297	1 599 637	23 917	183 538	1 392 183	2	
		2003.. 2 388 963	625 281	1 763 682	49 725	210 668	1 503 288	1	
		2002.. 2 842 294	583 527	2 258 767	44 826	277 421	1 936 520	X	
336411	Aircraft manufacturing	2004.. 891 639	411 964	479 675	6 769	72 198	400 709	5	
		2003.. 694 895	368 174	326 721	2 966	44 406	279 349	1	
		2002.. 905 987	244 110	661 877	6 330	58 458	597 089	X	
336412	Aircraft engine and engine parts manufacturing	2004.. 435 596	59 510	376 086	4 184	22 229	349 673	2	
		2003.. 672 246	11 772	660 474	18 856	55 957	585 661	3	
		2002.. 795 972	85 181	710 791	4 786	67 521	638 484	X	

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment by Industry Groups and Industries: 2004 and Earlier Years—Con.

[Thousand dollars. 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.]

NAICS and NAICS-based code ¹	Industry group and industry	Total (new and used)	Buildings and other structures	Machinery and equipment				Relative standard error of estimate ² (percent) for column—	
				Total	Automobiles, trucks, etc., for highway use	Computers and peripheral data processing equipment	All other expenditures		
									A
336	Transportation equipment manufacturing—Con.								
3364	Aerospace product and parts manufacturing—Con.								
33641	Aerospace product and parts manufacturing—Con.								
336413	Other aircraft parts and auxiliary equipment manufacturing	2004.. 557 949	89 825	468 124	10 484	65 488	392 153	3	
		2003.. 491 965	90 370	401 595	13 274	55 470	332 852	5	
		2002.. 652 469	146 038	506 431	15 628	108 386	382 417	X	
336414	Guided missile and space vehicle manufacturing	2004.. 318 279	110 567	207 712	1 060	16 484	190 168	1	
		2003.. 438 055	140 652	297 403	D	D	242 511	1	
		2002.. 364 009	73 463	290 546	D	D	243 302	X	
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	2004.. 64 469	15 779	48 690	1 061	5 327	42 302	1	
		2003.. 79 818	13 792	66 026	D	D	52 971	4	
		2002.. 105 889	29 716	76 173	D	D	63 914	X	
336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	2004.. 25 002	5 651	19 350	360	1 813	17 178	41	
		2003.. 11 984	521	11 463	89	1 429	9 944	3	
		2002.. 17 968	5 019	12 949	496	1 139	11 314	X	
3365	Railroad rolling stock manufacturing	2004.. 111 339	15 313	96 026	2 980	7 753	85 293	2	
		2003.. 96 180	10 860	85 319	2 332	6 600	76 388	6	
		2002.. 124 503	31 715	92 788	D	9 598	D	X	
33651	Railroad rolling stock manufacturing	2004.. 111 339	15 313	96 026	2 980	7 753	85 293	2	
		2003.. 96 180	10 860	85 319	2 332	6 600	76 388	6	
		2002.. 124 503	31 715	92 788	D	9 598	D	X	
336510	Railroad rolling stock manufacturing	2004.. 111 339	15 313	96 026	2 980	7 753	85 293	2	
		2003.. 96 180	10 860	85 319	2 332	6 600	76 388	6	
		2002.. 124 503	31 715	92 788	D	9 598	D	X	
3366	Ship and boat building	2004.. 358 367	84 219	274 148	19 263	26 118	228 767	4	
		2003.. 375 347	77 285	298 062	22 022	39 174	236 866	4	
		2002.. 439 948	106 907	333 041	16 537	42 041	274 463	X	
33661	Ship and boat building	2004.. 358 367	84 219	274 148	19 263	26 118	228 767	4	
		2003.. 375 347	77 285	298 062	22 022	39 174	236 866	4	
		2002.. 439 948	106 907	333 041	16 537	42 041	274 463	X	
336611	Ship building and repairing	2004.. 176 623	49 398	127 225	6 954	11 988	108 283	2	
		2003.. 238 329	52 311	186 018	12 206	29 210	144 602	4	
		2002.. 276 310	73 640	202 670	5 666	28 559	168 445	X	
336612	Boat building	2004.. 181 744	34 821	146 923	12 308	14 131	120 484	8	
		2003.. 137 018	24 974	112 044	9 817	9 963	92 264	8	
		2002.. 163 638	33 267	130 371	10 871	13 482	106 018	X	
3369	Other transportation equipment manufacturing	2004.. 302 435	39 026	263 409	5 485	29 432	228 492	2	
		2003.. 369 029	42 094	326 935	6 355	22 033	298 547	10	
		2002.. 521 960	105 335	416 625	D	29 055	D	X	
33699	Other transportation equipment manufacturing	2004.. 302 435	39 026	263 409	5 485	29 432	228 492	2	
		2003.. 369 029	42 094	326 935	6 355	22 033	298 547	10	
		2002.. 521 960	105 335	416 625	D	29 055	D	X	
336991	Motorcycle, bicycle, and parts manufacturing	2004.. 100 004	16 727	83 277	2 505	16 165	64 606	2	
		2003.. 152 239	3 294	148 945	2 829	9 886	136 230	12	
		2002.. 310 942	53 926	257 016	D	17 126	D	X	
336992	Military armored vehicle, tank, and tank component manufacturing	2004.. 18 376	2 967	15 408	190	5 247	9 971	13	
		2003.. 21 980	2 644	19 336	1 702	4 241	13 394	1	
		2002.. 15 477	2 813	12 664	D	2 910	D	X	
336999	All other transportation equipment manufacturing	2004.. 184 056	19 332	164 724	2 790	8 020	153 914	4	
		2003.. 194 811	36 156	158 654	1 825	7 906	148 923	17	
		2002.. 195 541	48 596	146 945	D	9 019	D	X	
337	Furniture and related product manufacturing	2004.. 1 300 439	272 160	1 028 279	68 171	122 182	837 926	3	
		2003.. 1 387 720	228 720	1 159 000	146 058	187 980	824 962	7	
		2002.. 1 731 821	327 336	1 404 485	97 490	177 629	1 129 366	X	
3371	Household and institutional furniture and kitchen cabinet manufacturing	2004.. 829 024	187 463	641 562	45 709	73 678	522 174	5	
		2003.. 854 600	142 953	711 648	110 485	128 043	473 119	11	
		2002.. 1 023 139	230 096	793 043	65 484	92 730	634 829	X	
33711	Wood kitchen cabinet and counter top manufacturing	2004.. 412 936	92 748	320 188	28 638	34 322	257 229	9	
		2003.. 476 772	57 943	418 829	89 307	81 458	248 063	18	
		2002.. 443 371	107 480	335 891	29 926	32 015	273 950	X	
337110	Wood kitchen cabinet and counter top manufacturing	2004.. 412 936	92 748	320 188	28 638	34 322	257 229	9	
		2003.. 476 772	57 943	418 829	89 307	81 458	248 063	18	
		2002.. 443 371	107 480	335 891	29 926	32 015	273 950	X	
33712	Household and institutional furniture manufacturing	2004.. 416 089	94 715	321 374	17 072	39 356	264 946	4	
		2003.. 377 828	85 009	292 819	21 178	46 586	225 056	8	
		2002.. 579 768	122 616	457 152	35 558	60 715	360 879	X	
337121	Upholstered household furniture manufacturing	2004.. 108 473	33 369	75 105	7 259	9 568	58 278	2	
		2003.. 91 429	19 863	71 566	9 317	12 681	49 569	5	
		2002.. 172 006	47 689	124 317	12 188	13 299	98 830	X	
337122	Nonupholstered wood household furniture manufacturing	2004.. 155 152	40 335	114 817	4 582	11 819	98 416	6	
		2003.. 137 411	14 404	123 007	6 061	15 855	101 091	6	
		2002.. 217 853	41 598	176 255	13 689	22 447	140 119	X	

See footnotes at end of table.

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.

[Thousand dollars. 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]

NAICS and NAICS-based code ¹	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate ² (percent) for column—																											
		Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.																												
		A	B	C	D	E	F	G	H	A	B	C	D																								
334	Computer and electronic product manufacturing—Con.																																				
3344	Semiconductor and other electronic component manufacturing—Con.																																				
33441	Semiconductor and other electronic component manufacturing	2004.. 11 005 929	1 899 540	4 848 570	4 257 819	10 632 711	1 779 647	4 719 336	4 133 728	1	3	1	2	2003.. 11 766 405	2 173 833	5 109 569	4 483 003	12 144 981	2 302 130	4 886 779	4 956 073	1	1	1	1	2002.. 12 463 585	2 425 998	5 018 483	5 019 104	13 682 799	2 763 879	5 284 880	5 634 040	X	X	X	X
334411	Electron tube manufacturing	2004.. 215 173	49 689	85 025	80 459	228 289	72 193	89 023	67 073	2	1	1	4	2003.. 292 988	127 127	90 454	75 407	301 437	134 008	82 152	85 276	1	1	1	1	2002.. 305 517	134 050	87 303	84 164	353 207	158 923	88 988	105 296	X	X	X	X
334412	Bare printed circuit board manufacturing ...	2004.. 549 775	90 559	194 232	264 984	514 430	94 571	168 865	250 994	2	4	2	4	2003.. 520 867	105 261	135 901	279 705	540 726	102 542	154 779	283 405	3	4	14	4	2002.. 663 056	120 754	212 120	330 182	716 558	107 934	230 357	378 267	X	X	X	X
334413	Semiconductor and related device manufacturing	2004.. 5 009 399	848 645	3 352 748	808 007	4 817 391	789 281	3 309 453	718 657	3	6	2	7	2003.. 5 384 740	986 295	3 563 530	834 914	5 413 158	1 046 179	3 328 461	1 038 518	1	1	1	3	2002.. 5 519 170	1 106 545	3 362 753	1 049 872	5 585 645	1 176 174	3 401 600	1 007 871	X	X	X	X
334414	Electronic capacitor manufacturing	2004.. 309 421	60 354	63 956	185 111	307 245	59 649	59 470	188 126	4	6	5	4	2003.. 315 840	60 687	60 165	194 988	374 187	74 169	70 812	229 205	4	5	3	5	2002.. 403 525	83 703	84 066	235 756	524 117	141 599	93 051	289 467	X	X	X	X
334415	Electronic resistor manufacturing	2004.. 131 140	44 327	42 304	44 509	122 563	40 106	42 008	40 449	1	3	3	1	2003.. 127 645	41 937	43 682	42 025	141 317	51 899	44 724	44 694	1	2	2	1	2002.. 120 744	43 333	36 424	40 987	144 815	55 678	42 681	46 456	X	X	X	X
334416	Electronic coil, transformer, and other inductor manufacturing	2004.. 191 915	67 383	31 661	92 870	164 945	46 476	30 678	87 791	9	19	4	6	2003.. 169 009	49 709	32 814	86 486	166 676	49 278	31 033	86 365	2	3	1	2	2002.. 155 388	48 824	27 672	78 892	178 869	57 968	26 788	94 113	X	X	X	X
334417	Electronic connector manufacturing	2004.. 538 690	115 383	112 256	311 051	548 760	111 775	134 188	302 798	3	11	3	2	2003.. 551 762	135 840	135 183	280 739	607 011	148 896	146 015	312 100	1	1	2	2	2002.. 599 140	147 146	143 770	308 224	658 483	176 097	165 419	316 967	X	X	X	X
334418	Printed circuit assembly (electronic assembly) manufacturing	2004.. 2 671 557	332 985	624 084	1 714 487	2 606 503	315 068	563 294	1 728 142	2	3	2	2	2003.. 2 927 457	373 803	673 402	1 880 252	3 028 357	398 099	625 335	2 004 923	2	6	5	3	2002.. 3 054 339	421 947	622 616	2 009 776	3 716 914	529 865	751 160	2 435 889	X	X	X	X
334419	Other electronic component manufacturing	2004.. 1 388 859	290 215	342 303	756 341	1 322 584	250 529	322 356	749 698	2	4	3	2	2003.. 1 476 098	293 174	374 438	808 486	1 572 113	297 060	403 467	871 586	2	3	3	2	2002.. 1 642 706	319 696	441 759	881 251	1 804 191	359 641	484 836	959 714	X	X	X	X
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2004.. 14 319 812	3 002 174	5 820 630	5 497 008	13 875 035	2 981 302	5 570 315	5 323 418	1	3	2	2	2003.. 14 586 610	2 919 045	6 279 963	5 387 602	14 139 429	3 007 814	5 491 869	5 639 745	1	1	1	1	2002.. 14 394 184	3 107 879	5 574 562	5 711 743	15 935 266	3 335 167	6 582 828	6 017 271	X	X	X	X
33451	Navigational, measuring, medical, and control instruments manufacturing	2004.. 14 319 812	3 002 174	5 820 630	5 497 008	13 875 035	2 981 302	5 570 315	5 323 418	1	3	2	2	2003.. 14 586 610	2 919 045	6 279 963	5 387 602	14 139 429	3 007 814	5 491 869	5 639 745	1	1	1	1	2002.. 14 394 184	3 107 879	5 574 562	5 711 743	15 935 266	3 335 167	6 582 828	6 017 271	X	X	X	X
334510	Electromedical and electrotherapeutic apparatus manufacturing	2004.. 1 801 502	654 715	325 382	821 404	2 040 144	690 415	371 181	978 548	2	1	3	4	2003.. 2 006 976	702 697	375 994	928 286	2 092 362	710 001	464 101	918 259	1	1	1	1	2002.. 2 127 223	723 309	481 051	922 863	2 213 941	806 892	494 000	913 049	X	X	X	X
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	2004.. 5 140 830	346 544	3 987 258	807 027	4 738 042	325 930	3 698 304	713 808	2	8	2	5	2003.. 5 449 686	275 349	4 349 036	825 301	4 537 843	320 000	3 360 041	857 802	1	3	1	2	2002.. 4 674 658	368 985	3 428 565	877 108	5 774 929	430 430	4 284 896	1 059 603	X	X	X	X

See footnotes at end of table.

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.

[Thousand dollars. 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]

NAICS and NAICS-based code ¹	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate ² (percent) for column—				
		Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.					
		A	B	C	D	E	F	G	H	A	B	C	D	
334	Computer and electronic product manufacturing—Con.													
3345	Navigational, measuring, electromedical, and control instruments manufacturing—Con.													
33451	Navigational, measuring, medical, and control instruments manufacturing—Con.													
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	2004.. 219 189	65 070	47 114	107 005	268 366	71 344	78 655	118 368	3	3	8	2	
		2003.. 281 663	72 278	80 798	128 587	295 661	76 334	112 630	106 697	2	1	5	1	
		2002.. 315 055	91 445	115 796	107 814	371 956	114 464	126 764	130 728	X	X	X	X	
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	2004.. 1 062 955	251 073	186 586	625 296	1 048 435	249 203	181 522	617 710	3	3	4	4	
		2003.. 1 123 793	292 359	228 458	602 976	1 171 180	271 232	251 712	648 235	2	2	3	2	
		2002.. 1 143 440	253 553	215 112	674 775	1 193 309	276 849	264 783	651 677	X	X	X	X	
334514	Totalizing fluid meter and counting device manufacturing	2004.. 320 720	53 907	94 581	172 232	306 571	52 090	94 046	160 435	1	10	2	2	
		2003.. 263 192	35 574	89 530	138 087	338 162	64 800	101 924	171 438	9	45	8	11	
		2002.. 335 882	62 164	103 456	170 262	347 874	72 512	90 692	184 670	X	X	X	X	
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	2004.. 2 395 906	465 221	454 326	1 476 359	2 344 344	502 805	476 712	1 364 828	4	1	2	6	
		2003.. 2 351 498	511 146	479 012	1 361 340	2 543 934	526 873	530 492	1 486 569	1	2	1	2	
		2002.. 2 463 986	514 893	522 635	1 426 458	2 661 158	620 208	630 628	1 410 322	X	X	X	X	
334516	Analytical laboratory instrument manufacturing	2004.. 1 373 945	518 224	221 514	634 208	1 277 946	495 052	196 864	586 030	8	14	17	2	
		2003.. 1 195 857	404 331	165 264	626 262	1 155 372	392 154	147 716	615 502	2	4	4	3	
		2002.. 1 178 518	406 463	156 284	615 771	1 236 042	341 816	165 901	728 325	X	X	X	X	
334517	Irradiation apparatus manufacturing	2004.. 729 856	239 766	148 394	341 695	669 778	231 322	142 180	296 277	3	2	3	5	
		2003.. 677 590	237 865	140 316	299 409	753 812	249 332	154 116	350 364	1	2	2	1	
		2002.. 820 723	245 881	179 857	394 985	724 880	201 497	150 078	373 305	X	X	X	X	
334518	Watch, clock, and parts manufacturing	2004.. 93 129	42 190	25 452	25 487	87 345	38 366	26 642	22 337	4	2	23	6	
		2003.. 94 647	50 050	18 295	26 302	96 462	48 465	20 434	27 563	5	5	7	5	
		2002.. 110 172	58 744	21 696	29 732	98 981	43 209	29 217	26 555	X	X	X	X	
334519	Other measuring and controlling device manufacturing	2004.. 1 181 781	365 464	330 022	486 295	1 094 063	324 776	304 210	465 076	2	2	3	2	
		2003.. 1 141 706	337 396	353 258	451 052	1 154 642	348 622	348 703	457 316	2	3	4	3	
		2002.. 1 224 527	382 442	350 110	491 975	1 312 196	427 290	345 869	539 037	X	X	X	X	
3346	Manufacturing and reproducing magnetic and optical media	2004.. 425 457	147 433	76 392	201 632	461 452	160 625	87 621	213 206	2	2	2	3	
		2003.. 401 073	85 520	72 021	243 533	402 312	90 080	72 100	240 133	2	6	5	3	
		2002.. 392 923	95 759	69 399	227 765	442 384	121 315	69 861	251 208	X	X	X	X	
33461	Manufacturing and reproducing magnetic and optical media	2004.. 425 457	147 433	76 392	201 632	461 452	160 625	87 621	213 206	2	2	2	3	
		2003.. 401 073	85 520	72 021	243 533	402 312	90 080	72 100	240 133	2	6	5	3	
		2002.. 392 923	95 759	69 399	227 765	442 384	121 315	69 861	251 208	X	X	X	X	
334611	Software reproducing	2004.. 24 148	6 767	5 336	12 045	23 705	6 993	4 713	11 999	13	10	14	15	
		2003.. 24 579	8 037	4 192	12 350	24 250	7 180	5 168	11 902	8	16	17	13	
		2002.. 26 168	7 120	4 100	14 948	25 581	7 216	4 250	14 115	X	X	X	X	
334612	Prerecorded compact disc (except software), tape, and record reproducing	2004.. 165 529	56 246	20 760	88 522	175 522	56 940	23 570	95 013	3	3	5	3	
		2003.. 194 249	55 001	28 358	110 890	182 467	50 096	27 724	104 648	4	8	5	4	
		2002.. 189 088	60 609	26 351	102 128	192 461	59 072	23 126	110 263	X	X	X	X	
334613	Magnetic and optical recording media manufacturing	2004.. 235 780	84 420	50 296	101 064	262 224	96 693	59 337	106 194	3	2	2	5	
		2003.. 182 245	22 482	39 471	120 292	195 595	32 805	39 208	123 583	2	10	8	4	
		2002.. 177 667	28 030	38 948	110 689	224 342	55 027	42 485	126 830	X	X	X	X	

See footnotes at end of table.

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of Year—Con.

[Thousand dollars. 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]

NAICS and NAICS-based code ¹	Industry group and industry	End of year				Beginning of year				Relative standard error of estimate ² (percent) for column—									
		Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total	Finished products	Work-in-process	Materials, supplies, fuels, etc.										
		A	B	C	D	E	F	G	H	A	B	C	D						
336	Transportation equipment manufacturing—Con.																		
3364	Aerospace product and parts manufacturing—Con.																		
33641	Aerospace product and parts manufacturing—Con.																		
336412	Aircraft engine and engine parts manufacturing	2 907 002	914 264	1 388 514	604 224	2 935 769	946 890	1 369 779	619 100	4	1	7	3						
	2003..	2 887 431	910 937	1 325 054	651 441	3 043 425	1 021 435	1 371 509	650 481	1	3	1	2						
	2002..	3 058 176	1 019 015	1 392 002	647 159	3 191 745	1 166 707	1 513 076	511 962	X	X	X	X						
336413	Other aircraft parts and auxiliary equipment manufacturing	5 966 760	1 609 601	2 416 913	1 940 245	4 792 561	826 673	3 045 281	920 608	1	1	1	3						
	2003..	4 705 550	787 390	3 089 669	828 490	5 175 986	765 244	3 439 871	970 871	1	3	1	4						
	2002..	5 187 029	753 146	3 459 112	974 771	5 624 910	769 696	3 755 474	1 099 740	X	X	X	X						
336414	Guided missile and space vehicle manufacturing	1 335 787	3 006	1 293 170	39 611	1 095 911	1 964	1 059 967	33 980	1	1	1	1						
	2003..	1 100 438	2 170	1 063 144	35 124	1 233 568	2 275	1 180 278	51 015	1	1	1	1						
	2002..	1 232 324	1 969	1 180 103	50 252	980 740	1 301	896 498	82 941	X	X	X	X						
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	364 666	18 707	308 655	37 304	617 948	9 783	569 257	38 908	1	2	1	3						
	2003..	611 154	9 301	565 642	36 211	600 042	9 535	560 142	30 364	2	4	1	11						
	2002..	580 977	9 658	540 095	31 224	624 352	10 072	567 143	47 137	X	X	X	X						
336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	140 617	16 777	98 776	25 064	123 952	10 757	94 623	18 572	1	4	1	1						
	2003..	119 362	10 037	91 183	18 143	97 384	10 255	70 667	16 462	1	2	1	2						
	2002..	111 024	10 254	84 573	16 197	80 842	13 309	54 591	12 942	X	X	X	X						
3365	Railroad rolling stock manufacturing	1 514 720	484 924	604 026	425 770	1 368 993	415 789	551 983	401 221	1	6	2	5						
	2003..	1 405 649	398 768	581 784	425 097	1 448 052	475 950	607 980	364 122	1	1	1	1						
	2002..	1 374 648	445 779	602 086	326 783	1 428 702	474 755	609 903	344 044	X	X	X	X						
33651	Railroad rolling stock manufacturing	1 514 720	484 924	604 026	425 770	1 368 993	415 789	551 983	401 221	1	6	2	5						
	2003..	1 405 649	398 768	581 784	425 097	1 448 052	475 950	607 980	364 122	1	1	1	1						
	2002..	1 374 648	445 779	602 086	326 783	1 428 702	474 755	609 903	344 044	X	X	X	X						
336510	Railroad rolling stock manufacturing	1 514 720	484 924	604 026	425 770	1 368 993	415 789	551 983	401 221	1	6	2	5						
	2003..	1 405 649	398 768	581 784	425 097	1 448 052	475 950	607 980	364 122	1	1	1	1						
	2002..	1 374 648	445 779	602 086	326 783	1 428 702	474 755	609 903	344 044	X	X	X	X						
3366	Ship and boat building	2 575 654	420 343	1 459 399	695 912	2 404 182	400 492	1 371 136	632 555	2	4	3	3						
	2003..	2 319 351	440 986	1 254 396	623 969	2 267 426	392 111	1 245 723	629 592	2	4	3	3						
	2002..	2 256 793	399 206	1 226 293	631 294	2 219 961	384 662	1 185 946	649 353	X	X	X	X						
33661	Ship and boat building	2 575 654	420 343	1 459 399	695 912	2 404 182	400 492	1 371 136	632 555	2	4	3	3						
	2003..	2 319 351	440 986	1 254 396	623 969	2 267 426	392 111	1 245 723	629 592	2	4	3	3						
	2002..	2 256 793	399 206	1 226 293	631 294	2 219 961	384 662	1 185 946	649 353	X	X	X	X						
336611	Ship building and repairing	1 142 489	61 008	919 226	162 255	1 168 017	63 818	933 565	170 633	2	5	1	7						
	2003..	1 225 555	79 222	967 363	178 971	1 180 921	73 537	914 775	192 609	3	14	3	3						
	2002..	1 142 691	63 973	894 746	183 972	1 147 273	42 137	885 440	219 696	X	X	X	X						
336612	Boat building	1 433 165	359 335	540 173	533 657	1 236 166	336 674	437 570	461 921	4	4	7	3						
	2003..	1 093 796	361 765	287 033	444 998	1 086 505	318 574	330 948	436 983	2	5	8	4						
	2002..	1 114 102	335 233	331 547	447 322	1 072 688	342 525	300 506	429 657	X	X	X	X						
3369	Other transportation equipment manufacturing	1 402 238	341 487	376 901	683 850	1 403 185	364 219	387 696	651 270	1	2	1	1						
	2003..	1 444 967	370 499	393 897	680 571	1 450 330	367 662	419 650	663 017	2	2	3	3						
	2002..	1 472 453	367 819	438 733	665 901	1 530 069	472 868	411 116	646 085	X	X	X	X						
33699	Other transportation equipment manufacturing	1 402 238	341 487	376 901	683 850	1 403 185	364 219	387 696	651 270	1	2	1	1						
	2003..	1 444 967	370 499	393 897	680 571	1 450 330	367 662	419 650	663 017	2	2	3	3						
	2002..	1 472 453	367 819	438 733	665 901	1 530 069	472 868	411 116	646 085	X	X	X	X						
336991	Motorcycle, bicycle, and parts manufacturing	397 939	141 793	92 044	164 102	370 134	131 004	98 537	140 594	2	4	5	4						
	2003..	393 671	128 928	107 887	156 855	409 766	134 905	100 943	173 919	2	3	3	2						
	2002..	403 838	133 418	100 541	169 879	445 507	214 363	93 760	137 384	X	X	X	X						
336992	Military armored vehicle, tank, and tank component manufacturing	414 304	4 513	248 170	161 621	470 309	4 165	250 261	215 883	1	1	1	1						
	2003..	483 325	7 128	258 201	217 996	483 142	6 016	276 264	200 862	2	36	1	1						
	2002..	485 806	4 729	275 391	205 686	432 527	3 857	244 991	183 679	X	X	X	X						

See footnotes at end of table.