

All Other Miscellaneous Chemical Product and Preparation Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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U.S. Department of Commerce
Economics and Statistics Administration
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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com-panies ²	All estab-lish-ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
325998, All other miscellaneous chemical product and preparation manufacturing . . .	2002..	1 014	1 179	36 054	1 635 653	22 131	43 036	843 294	7 140 574	5 912 317	13 014 617	'589 123
	2001..	N	N	36 283	1 527 970	21 795	44 960	738 235	6 508 719	6 368 680	12 935 483	455 842
	2000..	N	N	37 441	1 593 274	22 504	46 846	768 175	6 895 439	6 796 617	13 689 803	483 258
	1999..	N	N	37 822	1 500 835	23 063	46 975	773 646	7 030 657	6 029 911	12 989 792	731 089
	1998..	N	N	37 160	1 500 515	23 169	46 328	748 287	7 066 375	6 173 477	13 167 457	655 477
	1997..	985	1 146	35 896	1 419 833	21 523	43 392	688 718	6 795 864	6 052 398	12 818 303	611 299

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

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

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
325998, All other miscellaneous chemical product and preparation manufacturing												
United States	1	1 179	394	36 054	1 635 653	22 131	43 036	843 294	7 140 574	5 912 317	13 014 617	'589 123
California	2	131	31	2 692	116 382	1 619	3 278	61 128	491 357	365 322	857 811	'65 170
Florida	4	46	8	607	26 268	421	844	16 600	101 844	62 923	164 482	'4 079
Georgia	-	51	20	2 077	92 485	1 280	2 235	46 972	463 078	515 532	974 612	'33 659
Illinois	1	69	25	1 917	92 193	1 119	2 250	43 941	425 990	347 095	770 992	'15 049
Indiana	-	28	8	1 016	37 413	806	1 560	25 572	153 822	163 713	292 537	'5 039
Kansas	-	11	10	823	32 221	542	1 129	18 183	284 849	123 849	405 707	'5 947
Massachusetts	1	29	11	2 003	111 761	949	1 967	40 096	252 977	317 411	560 051	'59 527
Michigan	1	37	17	1 998	70 050	832	1 753	34 407	304 673	309 384	615 722	'20 649
Missouri	5	28	7	686	26 218	489	934	16 865	118 272	95 666	213 033	'5 938
New Jersey	1	54	23	1 427	64 768	864	1 843	33 233	264 133	253 946	513 083	'16 950
North Carolina	-	29	6	890	38 957	407	688	12 687	119 412	229 678	352 406	'8 630
Ohio	2	83	33	2 696	129 827	1 513	3 119	61 560	508 289	372 999	886 777	'90 285
Pennsylvania	2	66	25	2 116	89 125	1 363	2 080	48 530	528 339	319 689	842 550	'27 734
Texas	1	124	47	3 803	171 833	2 263	4 569	92 167	691 961	707 612	1 397 119	'55 203
Utah	-	11	2	265	12 335	217	451	9 153	63 252	17 729	80 602	'2 968
Wisconsin	2	27	5	304	13 115	171	340	6 502	89 859	77 069	167 208	'2 061

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1-10 to 19 percent; 2-20 to 29 percent; 3-30 to 39 percent; 4-40 to 49 percent; 5-50 to 59 percent; 6-60 to 69 percent; 7-70 to 79 percent; 8-80 to 89 percent; 9-90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 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]

Item	Value
325998, All other miscellaneous chemical product and preparation manufacturing	
Companies ¹	number.. 1 014
All establishments ²	number.. 1 179
Establishments with 1 to 19 employees	number.. 785
Establishments with 20 to 99 employees	number.. 308
Establishments with 100 employees or more	number.. 86
All employees ³	number.. 36 054
Total compensation	\$1,000.. 2 043 114
Annual payroll	\$1,000.. 1 635 653
Total fringe benefits	\$1,000.. 407 461
Production workers, average for year	number.. 22 131
Production workers on March 12	number.. 21 858
Production workers on May 12	number.. 22 307
Production workers on August 12	number.. 22 135
Production workers on November 12	number.. 22 139
Production worker hours .....	..1,000.. 43 036
Production worker wages	\$1,000.. 843 294
Total cost of materials	\$1,000.. 5 912 317
Materials, parts, containers, packaging, etc., used	\$1,000.. 4 942 599
Resales	\$1,000.. 677 878
Purchased fuels	\$1,000.. 125 680
Purchased electricity	\$1,000.. 94 821
Contract work	\$1,000.. 71 339
Quantity of electricity purchased for heat and power	1,000 kWh.. 1 667 028
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 128 316
Total value of shipments	\$1,000.. 13 014 617
Primary products value of shipments	\$1,000.. 10 953 988
Secondary products value of shipments	\$1,000.. 1 072 241
Total miscellaneous receipts	\$1,000.. 988 388
Value of resales	\$1,000.. 873 769
Contract receipts	\$1,000.. 76 053
Other miscellaneous receipts	\$1,000.. 38 566
Primary products specialization ratio	percent.. 91
Value of primary products shipments made in all industries	\$1,000.. 12 100 044
Value of primary products shipments made in this industry	\$1,000.. 10 953 988
Value of primary products shipments made in other industries	\$1,000.. 1 146 056
Coverage ratio	percent.. 91
Value added	\$1,000.. 7 140 574
Total inventories, beginning of year	\$1,000.. 1 393 722
Finished goods inventories	\$1,000.. 685 137
Work-in-process inventories	\$1,000.. 150 682
Materials and supplies inventories	\$1,000.. 557 903
Total inventories, end of year	\$1,000.. 1 390 737
Finished goods inventories	\$1,000.. 732 926
Work-in-process inventories	\$1,000.. 141 167
Materials and supplies inventories	\$1,000.. 516 644
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '5 742 466
Total capital expenditures (new and used)	\$1,000.. '589 123
Buildings and other structures (new and used)	\$1,000.. '117 858
Machinery and equipment (new and used)	\$1,000.. '471 265
Automobiles, trucks, etc., for highway use	\$1,000.. '11 776
Computers and peripheral data processing equipment	\$1,000.. '33 873
All other expenditures for machinery and equipment	\$1,000.. '425 616
Total retirements	\$1,000.. '350 284
Gross value of depreciable assets at end of year	\$1,000.. '5 981 305
Depreciation charges during year	\$1,000.. '451 007
Total rental payments	\$1,000.. 122 124
Buildings and other structures	\$1,000.. 65 210
Machinery and equipment	\$1,000.. 56 914
Total other expenses ⁴	\$1,000.. 778 135
Response coverage ratio ⁵	percent.. 78
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 118 478
Communications services ⁴	\$1,000.. 18 551
Legal services ⁴	\$1,000.. 15 256
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 9 991
Advertising and promotional services ⁴	\$1,000.. 28 888
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 9 084
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 45 451
Management consulting and administrative services ⁴	\$1,000.. 40 029
Taxes and license fees ⁴	\$1,000.. 45 280
All other expenses ⁴	\$1,000.. 447 127

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
325998, All other miscellaneous chemical product and preparation manufacturing											
All establishments	1	1 179	36 054	1 635 653	22 131	43 036	843 294	7 140 574	5 912 317	13 014 617	'589 123
Establishments with—											
1 to 4 employees	8	410	f	D	D	D	D	D	D	D	D
5 to 9 employees	5	181	1 223	58 337	789	1 610	34 013	284 560	178 150	461 279	'10 370
10 to 19 employees	2	194	2 664	122 574	1 523	3 058	57 709	561 712	441 245	974 708	'66 277
20 to 49 employees	2	217	6 905	304 632	4 021	8 134	143 084	1 347 215	1 276 717	2 627 158	'73 560
50 to 99 employees	1	91	6 417	282 611	3 927	8 023	140 929	1 515 710	1 060 514	2 566 137	'77 724
100 to 249 employees	1	69	10 419	509 667	6 409	13 027	271 817	2 054 622	1 720 782	3 776 409	'144 935
250 to 499 employees	1	12	4 020	153 565	2 802	4 644	95 973	628 178	596 767	1 229 138	'104 608
500 to 999 employees	—	4	2 448	121 056	1 319	2 651	53 510	337 854	458 027	790 347	62 841
1,000 to 2,499 employees	—	1	g	D	D	D	D	D	D	D	D
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	412	1 288	58 835	890	1 700	37 354	189 233	144 440	332 806	'6 737

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
325998	All other miscellaneous chemical product and preparation manufacturing	1 179	36 054	1 635 653	22 131	43 036	843 294	7 140 574	5 912 317	13 014 617	'589 123
3259981	Evaporated salt (bulk, pressed blocks, and packaged), excluding table salt	27	2 621	112 423	2 020	4 281	80 253	488 345	180 226	669 183	'98 985
3259984	Matches	5	537	21 428	364	767	11 357	51 164	30 780	83 432	D
3259987	Gelatin, excluding ready-to-eat desserts	12	1 755	92 203	1 171	2 526	60 141	314 506	222 147	536 936	D
325998A	Water treating compounds	111	5 479	253 474	3 018	5 235	115 403	1 724 619	1 253 488	2 976 916	'78 296
325998E	Automotive chemicals	36	2 354	102 428	1 459	2 963	52 432	364 965	521 040	886 632	'30 354
325998J	All other chemical preparations, including essential oils and water-treating compounds	303	16 884	762 878	10 042	19 186	362 147	3 329 024	3 084 535	6 381 598	'319 973

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325998	All other miscellaneous chemical product and preparation manufacturing	2002.. N 1997.. N	X X	X X	12 100 044 11 803 845
3259981	Evaporated salt (bulk, pressed blocks, and packaged), excluding table salt	2002.. N 1997.. N	X X	X X	615 684 433 405
32599811	Evaporated salt (bulk, pressed blocks, and packaged), excluding table salt	2002.. N 1997.. N	X X	X X	615 684 433 405
3259981100	Evaporated salt (bulk, pressed blocks, and packaged), excluding table salt	1,000 s tons. 2002.. 15 1997.. 16	X X	S P4 591.4	615 684 433 405
3259984	Matches	2002.. N 1997.. N	X X	X X	49 997 62 665
32599841	Matches	2002.. N 1997.. N	X X	X X	49 997 62 665
3259984100	Matches	2002.. 6 1997.. 4	X X	X X	49 997 62 665
3259987	Gelatin, excluding ready-to-eat desserts	2002.. N 1997.. N	X X	X X	481 032 445 300
32599871	Gelatin, excluding ready-to-eat desserts	2002.. N 1997.. N	X X	X X	481 032 445 300
3259987111	Food grade, excluding pharmaceutical and photographic	mil lb. 2002.. 6 1997.. 9	X X	D S	D 136 189
3259987121	Pharmaceutical grade, excluding unfilled capsules	mil lb. 2002.. 4 1997.. 5	X X	D P20.8	D 59 779
3259987131	Other gelatin products, including unfilled capsules, gelatin sheets for theatrical use, and photographic grade and technical (inedible) grade gelatin	2002.. 10 1997.. 8	X X	X X	313 334 249 332
3259987Y	Gelatin, excluding ready-to-eat desserts, nsk	2002.. N 1997.. N	X X	X X	- -
3259987YVW	Gelatin, excluding ready-to-eat desserts, nsk	2002.. N 1997.. N	X X	X X	- -
325998A	Water treating compounds	2002.. N 1997.. N	X X	X X	2 386 786 2 087 398
325998A1	Water treating compounds	2002.. N 1997.. N	X X	X X	2 363 784 2 087 398
325998A111	Swimming pool chemical preparations	2002.. 13 1997.. 17	X X	X X	632 124 455 173
325998A121	Cooling tower compounds	mil lb. 2002.. 38 1997.. 52	X X	S P168.8	131 261 256 032
325998A131	Boiler compounds	mil lb. 2002.. 55 1997.. 66	X X	S S	175 430 219 205
325998A141	Other water-treating compounds	mil lb. 2002.. 86 1997.. 74	X X	S P1 425.3	1 424 969 1 156 988
325998AY	Water treating compounds, nsk	2002.. N 1997.. N	X X	X X	23 002 -
325998AYVW	Water treating compounds, nsk	2002.. N 1997.. N	X X	X X	23 002 -
325998E	Automotive chemicals	2002.. N 1997.. N	X X	X X	953 278 683 669
325998E1	Automotive chemicals	2002.. N 1997.. N	X X	X X	953 278 683 669
325998E111	Antifreeze preparations	mil gal. 2002.. 24 1997.. 33	X X	S 81.0	210 467 305 440
325998E121	Radiator additives	2002.. 4 1997.. 5	X X	X X	11 623 14 633
325998E131	Crankcase additives	2002.. 9 1997.. 7	X X	X X	35 718 17 034
325998E141	Brake, transmission, and other automotive fluids	2002.. 12 1997.. 11	X X	X X	141 711 52 603
325998E151	Engine degreasers	2002.. 10 1997.. 4	X X	X X	29 922 3 187
325998E161	Carburetor and choke cleaners	2002.. 10 1997.. 9	X X	X X	63 260 36 571
325998E171	Deicers, windshield, lock, etc.	2002.. 13 1997.. 9	X X	X X	37 468 23 233
325998E181	Engine starting fluids	2002.. 3 1997.. 5	X X	X X	5 577 8 910
325998E191	Aerosol tire inflators	2002.. 3 1997.. 5	X X	X X	15 064 12 563
325998E1A1	All other miscellaneous automotive chemicals	2002.. 26 1997.. 22	X X	X X	402 468 209 495
325998EY	Automotive chemicals, nsk	2002.. N 1997.. N	X X	X X	- -
325998EYVW	Automotive chemicals, nsk	2002.. N 1997.. N	X X	X X	- -
325998J	All other chemical preparations, including essential oils and water-treating compounds	2002.. N 1997.. N	X X	X X	6 266 495 N
325998J1	All other chemical preparations, including essential oils and water-treating compounds	2002.. N 1997.. N	X X	X X	6 240 619 N
325998J101	Citrus fruit essential oils, including orange, lemon, and lime	mil lb. 2002.. 17 1997.. N	X X	S N	180 458 N
325998J103	Other essential oils, including spearmint, peppermint, cedar wood, clove, and nutmeg oils	mil lb. 2002.. 11 1997.. N	X X	S N	182 797 N
325998J106	Fireworks	2002.. 9 1997.. N	X X	X X	17 323 N
325998J107	Pyrotechnics, including flares, jet fuel igniters, railroad torpedoes, toy pistol caps, etc.	2002.. 9 1997.. N	X X	X X	124 750 N
325998J109	Rubber processing preparations, including red lead and 2-mercaptoimidazole rubber accelerator composition	mil lb. 2002.. 10	X	S	168 000

See footnotes at end of table.

Table 6a. Products Statistics: 2002 and 1997—Con.

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325998	All other miscellaneous chemical product and preparation manufacturing—Con.				
325998J	All other chemical preparations, including essential oils and water-treating compounds—Con.				
325998J1	All other chemical preparations, including essential oils and water-treating compounds—Con.				
325998J109	Rubber processing preparations, including red lead and 2-mercaptoimidazole rubber accelerator composition—Con.				
325998J111	Concrete curing and floor hardening materials	1997.. N 2002.. 30 1997.. N	X X N	N X X	N 345 661 N
325998J121	Drilling mud materials; mud thinners, thickeners, and purifiers	2002.. mil lb. 20 1997.. N	X X	477.9 N	308 863 N
325998J131	Chemical foundry supplies, including binders, core oils, core wash, etc.	2002.. 13 1997.. N	X X	X X	427 142 N
325998J141	Household tints and dyes	2002.. mil lb. 1 1997.. N	X X	D N	D N
325998J151	Metal-treating compounds (nonoil-base) for nitriding, pickling, drawing, and cutting	2002.. 18 1997.. N	X X	X X	191 393 N
325998J161	Oil-treating compounds	2002.. 10 1997.. N	X X	X X	383 086 N
325998J171	Sizes	2002.. mil lb. 15 1997.. N	X X	555.0 N	298 867 N
325998J181	Writing and stamp pad inks, including indelible ink and marking fluid, excluding drawing inks	2002.. 4 1997.. N	X X	X X	49 017 N
325998J191	Waterproofing compounds	2002.. 14 1997.. N	X X	X X	94 347 N
325998J1A1	Plating compounds	2002.. mil lb. 14 1997.. N	X X	S N	232 340 N
325998J1B1	Lighter fluids (cigarette, charcoal, etc.)	2002.. mil gal. 6 1997.. N	X X	S N	45 994 N
325998J1C1	Waxes (animal, vegetable, mineral, including blends), excluding petroleum waxes and polishing preparations	2002.. 16 1997.. N	X X	X X	107 345 N
325998J1D1	Distilled water	2002.. mil gal. 3 1997.. N	X X	D N	D N
325998J1F1	Cat litter, excluding natural and untreated materials	2002.. 7 1997.. N	X X	X X	D N
325998J1G1	Activated and reactivated carbon, pulverized and granular ¹	2002.. 10 1997.. N	X X	X X	169 640 N
325998J1H1	Filling pressurized aerosol containers with materials owned by others (excluding interplant transfers)	2002.. 12 1997.. N	X X	X X	424 023 N
325998J1U1	Other industrial chemical specialties, including fluxes, insulation products (heat, electrical, other), and embalming preparations	2002.. 140 1997.. N	X X	X X	2 128 085 N
325998JY	All other chemical preparations, including essential oils and water-treating compounds, nsk	2002.. N 1997.. N	X X	X X	25 876 N
325998JYWV	All other chemical preparations, including essential oils and water-treating compounds, nsk	2002.. N 1997.. N	X X	X X	25 876 N
325998W	All other miscellaneous chemical product and preparation manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	1 346 772 1 592 589
325998WY	All other miscellaneous chemical product and preparation manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	1 346 772 1 592 589
325998WYWW	All other miscellaneous chemical product and preparation manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	1 037 932 1 314 829
325998WYWY	All other miscellaneous chemical product and preparation manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	308 840 277 760

¹For additional detail, see Current Industrial Report MQ325A, Inorganic Chemicals.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3259981	Evaporated salt (bulk, pressed blocks, and packaged), excluding table salt	
	United States	2002 .. 615 684
		1997 .. 433 405
	Kansas	2002 .. 104 057
		1997 .. 98 471
	Texas	2002 .. 70 094
	1997 .. N	
	Utah	2002 .. 70 044
		1997 .. N
3259984	Matches	
	United States	2002 .. 49 997
		1997 .. 62 665
3259987	Gelatin, excluding ready-to-eat desserts	
	United States	2002 .. 481 032
		1997 .. 445 300
325998A	Water treating compounds	
	United States	2002 .. 2 386 786
		1997 .. 2 087 398
	California	2002 .. 163 539
		1997 .. 162 431
	Georgia	2002 .. 651 183
		1997 .. 374 006
	Illinois	2002 .. 154 534
		1997 .. 380 692
	Indiana	2002 .. 36 094
		1997 .. 10 400
	Michigan	2002 .. 89 038
		1997 .. 47 481
	New Jersey	2002 .. 84 660
		1997 .. 192 729
	North Carolina	2002 .. 45 923
		1997 .. N
	Ohio	2002 .. 55 286
		1997 .. 124 081
Pennsylvania	2002 .. 313 421	
	1997 .. 187 178	
Texas	2002 .. 130 736	
	1997 .. 253 055	
325998E	Automotive chemicals	
	United States	2002 .. 953 278
		1997 .. 683 669
	California	2002 .. 110 203
		1997 .. N
	Illinois	2002 .. 134 227
		1997 .. N
	Indiana	2002 .. 10 050
		1997 .. 6 602
	Michigan	2002 .. 63 866
		1997 .. 24 528
	Missouri	2002 .. 47 753
		1997 .. 35 650
Ohio	2002 .. 87 337	
	1997 .. 63 925	
Texas	2002 .. 97 343	
	1997 .. 59 884	
325998J	All other chemical preparations, including essential oils and water-treating compounds	
	United States	2002 .. 6 266 495
		1997 .. N
	California	2002 .. 284 336
		1997 .. N
	Florida	2002 .. 38 443
		1997 .. N
	Georgia	2002 .. 246 146
		1997 .. N
	Illinois	2002 .. 302 344
		1997 .. N
	Indiana	2002 .. 173 986
		1997 .. N
	Massachusetts	2002 .. 313 803
		1997 .. N
	Michigan	2002 .. 308 854
		1997 .. N
	Missouri	2002 .. 160 551
		1997 .. N
	New Jersey	2002 .. 335 464
	1997 .. N	
North Carolina	2002 .. 137 268	
	1997 .. N	
Ohio	2002 .. 579 466	
	1997 .. N	
Pennsylvania	2002 .. 321 024	
	1997 .. N	
Texas	2002 .. 880 809	
	1997 .. N	
Utah	2002 .. 7 323	
	1997 .. N	
Wisconsin	2002 .. 124 309	
	1997 .. N	

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
325998	All other miscellaneous chemical product and preparation manufacturing		
00900001	Total materials	X	4 942 599
	.....2002..	X	N
	.....1997..	X	N
21230009	Crude nonmetallic minerals (including limestone, clay, gypsum, talc, etc.)	X	67 821
	.....2002..	X	119 739
	.....1997..	X	103 844
31100027	Fats, oils, greases, and tallow	X	171 451
	.....2002..	X	
	.....1997..	X	
32518101	Alkalies and chlorine	X	239 726
	.....2002..	X	187 400
	.....1997..	X	990 001
325000A7	Industrial inorganic chemicals	X	620 403
	.....2002..	X	D
	.....1997..	X	59 791
32519101	Other wood chemicals (wood rosin, turpentine, etc.), including tall oil	X	
	.....2002..	X	
	.....1997..	X	
32410001	Refined petroleum products (naphtha solvents, petrolatum, waxes, etc.)	X	394 522
	.....2002..	X	298 981
	.....1997..	X	264 061
32521103	Plastics and resin materials (synthetic)	X	199 600
	.....2002..	X	456 338
	.....1997..	X	N
325100A5	All other miscellaneous synthetic organic chemicals	X	
	.....2002..	X	
	.....1997..	X	
00190030	Salt in brine	X	D
	.....2002..	X	N
	.....1997..	X	N
33240000	Metal containers	X	93 256
	.....2002..	X	64 768
	.....1997..	X	
32610029	Plastics containers	X	123 533
	.....2002..	X	117 397
	.....1997..	X	
32221001	Paperboard containers, boxes, and corrugated paperboard	X	147 194
	.....2002..	X	132 049
	.....1997..	X	
33300015	Parts and attachments for machinery and equipment	X	40 205
	.....2002..	X	N
	.....1997..	X	N
00970099	All other materials and components, parts, containers, and supplies	X	968 069
	.....2002..	X	N
	.....1997..	X	N
00971000	Materials, ingredients, containers, and supplies, nsk	X	1 014 197
	.....2002..	X	558 429
	.....1997..	X	

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.