

Reconstituted Wood Product 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 expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
321219, Reconstituted wood product manufacturing	2002.. 177	278	22 312	822 130	17 967	38 383	598 280	2 474 749	3 291 696	5 752 530	'257 669
	2001.. N	N	22 368	786 329	18 137	38 533	584 005	2 308 482	3 064 220	5 404 159	382 041
	2000.. N	N	24 354	861 727	19 954	44 588	639 402	2 917 857	3 311 550	6 202 824	278 443
	1999.. N	N	24 408	838 062	20 164	45 437	633 479	3 247 575	3 274 480	6 513 565	312 375
	1998.. N	N	24 605	806 868	20 120	44 493	602 328	2 654 649	3 111 866	5 770 720	289 633
	1997.. 212	316	25 180	796 931	20 500	44 921	594 692	2 312 624	2 964 023	5 253 425	389 603

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)				
321219, Reconstituted wood product manufacturing												
United States	-	278	195	22 312	822 130	17 967	38 383	598 280	2 474 749	3 291 696	5 752 530	'257 669
Alabama	-	8	6	537	19 625	433	1 181	14 875	66 202	93 611	160 171	'3 471
Arkansas	-	5	5	445	16 812	335	817	12 569	38 543	88 959	130 184	6 709
California	-	21	12	901	33 485	715	1 542	24 222	83 807	139 257	225 508	'3 706
Georgia	-	16	13	1 376	51 215	1 098	2 264	38 836	166 553	208 510	371 746	'16 105
Illinois	-	10	5	729	24 975	570	1 296	15 811	48 157	90 034	138 666	'3 426
Indiana	1	11	8	492	16 523	402	779	11 963	28 844	71 907	100 849	2 106
Maine	-	5	5	543	19 479	406	824	12 535	65 220	68 328	133 512	'4 739
Michigan	-	14	11	1 154	48 652	918	2 049	35 062	144 177	187 234	328 220	'10 640
Minnesota	-	8	7	1 105	47 802	907	1 957	37 983	134 693	197 785	333 312	'6 438
Mississippi	-	9	8	1 457	50 761	1 139	2 445	30 182	221 682	178 102	394 485	'13 141
New York	1	5	3	168	6 369	113	230	3 542	19 502	27 687	47 297	'971
North Carolina	-	19	19	2 025	73 251	1 575	3 385	49 296	262 179	401 855	661 467	'22 568
Oregon	-	20	18	2 036	82 139	1 746	3 472	65 179	272 547	291 634	563 755	'13 475
Pennsylvania	1	10	5	508	18 114	420	854	13 658	44 108	43 393	84 485	'2 457
South Carolina	-	8	7	872	29 885	685	1 391	20 516	81 969	129 310	213 254	'10 933
Texas	1	16	12	1 330	44 843	1 073	2 449	33 928	137 199	202 981	340 137	'7 690
Virginia	-	12	10	1 312	45 139	1 047	2 153	32 679	156 592	155 883	310 679	'14 686
Washington	-	7	4	321	12 505	256	669	8 915	35 587	32 423	69 635	'2 020
Wisconsin	1	10	7	816	33 053	640	1 297	23 815	93 447	124 708	216 455	'4 061

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
321219, Reconstituted wood product manufacturing	
Companies ¹	number.. 177
All establishments ²	number.. 278
Establishments with 1 to 19 employees	number.. 83
Establishments with 20 to 99 employees	number.. 96
Establishments with 100 employees or more	number.. 99
All employees ³	number.. 22 312
Total compensation	\$1,000.. 1 066 560
Annual payroll	\$1,000.. 822 130
Total fringe benefits	\$1,000.. 244 430
Production workers, average for year	number.. 17 967
Production workers on March 12	number.. 18 005
Production workers on May 12	number.. 18 242
Production workers on August 12	number.. 17 868
Production workers on November 12	number.. 17 684
Production worker hours	1,000.. 38 383
Production worker wages	\$1,000.. 598 280
Total cost of materials	\$1,000.. 3 291 696
Materials, parts, containers, packaging, etc., used	\$1,000.. 2 777 316
Resales	\$1,000.. 92 951
Purchased fuels	\$1,000.. 148 199
Purchased electricity	\$1,000.. 247 805
Contract work	\$1,000.. 25 425
Quantity of electricity purchased for heat and power	1,000 kWh.. 5 435 926
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 5 752 530
Primary products value of shipments	\$1,000.. 5 463 594
Secondary products value of shipments	\$1,000.. 146 728
Total miscellaneous receipts	\$1,000.. 142 208
Value of resales	\$1,000.. 114 911
Contract receipts	\$1,000.. 5 954
Other miscellaneous receipts	\$1,000.. 21 343
Primary products specialization ratio	percent.. 97
Value of primary products shipments made in all industries	\$1,000.. 5 563 982
Value of primary products shipments made in this industry	\$1,000.. 5 463 594
Value of primary products shipments made in other industries	\$1,000.. 100 388
Coverage ratio	percent.. 98
Value added	\$1,000.. 2 474 749
Total inventories, beginning of year	\$1,000.. 440 905
Finished goods inventories	\$1,000.. 177 625
Work-in-process inventories	\$1,000.. 29 275
Materials and supplies inventories	\$1,000.. 234 005
Total inventories, end of year	\$1,000.. 461 486
Finished goods inventories	\$1,000.. 190 976
Work-in-process inventories	\$1,000.. 29 839
Materials and supplies inventories	\$1,000.. 240 671
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '5 883 699
Total capital expenditures (new and used)	\$1,000.. '257 669
Buildings and other structures (new and used)	\$1,000.. '26 247
Machinery and equipment (new and used)	\$1,000.. '231 422
Automobiles, trucks, etc., for highway use	\$1,000.. '2 208
Computers and peripheral data processing equipment	\$1,000.. '4 318
All other expenditures for machinery and equipment	\$1,000.. '224 896
Total retirements	\$1,000.. '178 514
Gross value of depreciable assets at end of year	\$1,000.. '5 962 854
Depreciation charges during year	\$1,000.. '384 958
Total rental payments	\$1,000.. 40 787
Buildings and other structures	\$1,000.. 16 623
Machinery and equipment	\$1,000.. 24 164
Total other expenses ⁴	\$1,000.. 369 057
Response coverage ratio ⁵	percent.. 94
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 107 805
Communications services ⁴	\$1,000.. 5 853
Legal services ⁴	\$1,000.. 2 466
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 951
Advertising and promotional services ⁴	\$1,000.. 3 934
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 4 497
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 10 819
Management consulting and administrative services ⁴	\$1,000.. 12 278
Taxes and license fees ⁴	\$1,000.. 23 441
All other expenses ⁴	\$1,000.. 197 457

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 2002 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)				
321219, Reconstituted wood product manufacturing											
All establishments	—	278	22 312	822 130	17 967	38 383	598 280	2 474 749	3 291 696	5 752 530	'257 669
Establishments with—											
1 to 4 employees	9	35	b	D	D	D	D	D	D	D	D
5 to 9 employees	8	19	122	4 394	100	210	3 301	14 209	24 024	38 081	D
10 to 19 employees	8	29	395	14 477	312	662	10 246	38 497	49 947	88 274	'1 556
20 to 49 employees	2	47	1 436	53 548	1 117	2 686	35 290	146 986	227 154	373 907	'7 000
50 to 99 employees	—	49	3 359	114 752	2 689	5 556	80 800	393 284	562 887	956 636	'18 779
100 to 249 employees	—	89	13 060	504 315	10 501	22 736	377 630	1 436 645	2 050 664	3 481 393	'189 037
250 to 499 employees	—	9	3 233	106 482	2 720	5 319	79 960	301 167	311 205	608 322	'28 994
500 to 999 employees	—	1	f	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	68	446	16 292	364	790	12 443	48 747	63 179	111 926	'2 083

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)				
321219	Reconstituted wood product manufacturing	278	22 312	822 130	17 967	38 383	598 280	2 474 749	3 291 696	5 752 530	'257 669
3212191	Particleboard made from particleboard produced at the same location	48	5 416	197 407	4 394	9 203	147 376	475 289	672 194	1 142 746	'120 145
3212192	Waferboard and oriented strandboard	37	5 538	228 880	4 588	10 248	182 579	782 444	1 133 192	1 913 030	'68 980
3212193	Medium density fiberboard (MDF) made from MDF produced at the same location	22	1 935	72 879	1 548	3 186	53 304	200 847	286 081	488 219	'13 255
3212194	Hardboard made from hardboard produced at the same location	19	3 286	114 429	2 591	5 504	74 331	479 164	286 680	757 665	'29 197
3212195	Cellulosic fiberboard (insulating board)	6	739	25 864	560	1 126	16 622	78 140	45 328	121 405	2 571
3212197	Hardboard made from purchased hardboard	22	1 080	38 218	836	1 705	25 292	90 012	154 860	243 974	'5 080
3212198	Prefinished particleboard and medium density fiberboard (MDF) made from purchased particleboard and MDF	38	3 318	108 748	2 636	5 600	71 826	280 920	600 840	885 825	'13 622

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)
321219	Reconstituted wood product manufacturing	2002.. N 1997.. N	X X	X X	5 563 982 5 159 801
3212191	Particleboard made from particleboard produced at the same location	2002.. N 1997.. N	X X	X X	1 164 478 1 270 675
32121911	Particleboard, industrial, including commercial and shelving, made from particleboard produced at the same location	2002.. N 1997.. N	X X	X X	945 293 1 040 834
3212191111	Particleboard, industrial, including commercial and shelving, made from particleboard produced at the same location mil sq ft (3/4 in. basis)	2002.. 24 1997.. 20	X X	P3 738.8 3 723.0	945 293 1 040 834
32121912	Particleboard, non-industrial, made from particleboard produced at the same location	2002.. N 1997.. N	X X	X X	174 005 161 936
3212191221	Particleboard, flooring, including underlayment and manufactured (mobile) home decking, made from particleboard produced at the same location mil sq ft (3/4 in. basis)	2002.. 14 1997.. 9	X X	P491.0 399.8	114 464 108 043
3212191291	Other particleboard, including stepping, siding, sheathing, and door core, made from particleboard produced at the same location mil sq ft (3/4 in. basis)	2002.. 12 1997.. 7	X X	S 140.8	59 541 53 893
3212191Y	Particleboard made from particleboard produced at the same location, nsk	2002.. N 1997.. N	X X	X X	45 180 67 905
3212191YV	Particleboard made from particleboard produced at the same location, nsk	2002.. N 1997.. N	X X	X X	45 180 67 905
3212192	Waferboard and oriented strandboard	2002.. N 1997.. N	X X	X X	1 894 450 1 249 636
32121921	Waferboard and oriented strandboard	2002.. N 1997.. N	X X	X X	1 894 450 1 208 794
3212192111	Waferboard and oriented strandboard sheathing mil sq ft (3/8 in. basis)	2002.. 14 1997.. 13	X X	P9 132.1 6 882.1	1 241 084 796 045
3212192121	Waferboard and oriented strandboard underlayment mil sq ft (3/8 in. basis)	2002.. 10 1997.. 8	X X	2 302.1 1 155.4	377 988 146 499
3212192191	Other waferboard and oriented strandboard mil sq ft (3/8 in. basis)	2002.. 11 1997.. 8	X X	P1 093.4 Q2 011.4	275 378 266 250
3212192Y	Waferboard and oriented strandboard, nsk	2002.. N 1997.. N	X X	X X	N 40 842
3212192YV	Waferboard and oriented strandboard, nsk	2002.. N 1997.. N	X X	X X	N 40 842
3212193	Medium density fiberboard (MDF) made from MDF produced at the same location	2002.. N 1997.. N	X X	X X	468 760 454 350
32121931	Medium density fiberboard (MDF) made from MDF produced at the same location	2002.. N 1997.. N	X X	X X	468 760 431 795
3212193111	Industrial medium density fiberboard (MDF) made from MDF produced at the same location mil sq ft (3/4 in. basis)	2002.. 12 1997.. 10	X X	P950.9 884.9	333 367 301 860
3212193191	Other medium density fiberboard (MDF) made from MDF produced at the same location mil sq ft (3/4 in. basis)	2002.. 13 1997.. 6	X X	Q358.4 349.0	135 393 129 935
3212193Y	Medium density fiberboard (MDF) made from MDF produced at the same location, nsk	2002.. N 1997.. N	X X	X X	N 22 555
3212193YV	Medium density fiberboard (MDF) made from MDF produced at the same location, nsk	2002.. N 1997.. N	X X	X X	N 22 555
3212194	Hardboard made from hardboard produced at the same location	2002.. N 1997.. N	X X	X X	722 916 945 403
32121941	Hardboard made from hardboard produced at the same location	2002.. N 1997.. N	X X	X X	722 916 931 258
3212194115	Standard, service, tempered, and other basic hardboard (not machined or coated) made from hardboard produced at the same location mil sq ft (1/8 in. basis)	2002.. 7 1997.. N	X N	996.7 N	116 012 N
3212194165	Machined, coated, or laminated hardboard, including molded, cut to size, perforated, panel stock, interior paneling, siding, furniture stock, etc., made from hardboard produced at the same location mil sq ft (1/8 in. basis)	2002.. 13 1997.. N	X N	S N	606 904 N
3212194Y	Hardboard made from hardboard produced at the same location, nsk	2002.. N 1997.. N	X X	X X	N 14 145
3212194YV	Hardboard made from hardboard produced at the same location, nsk	2002.. N 1997.. N	X X	X X	N 14 145
3212195	Cellulosic fiberboard (insulating board)	2002.. N 1997.. N	X X	X X	117 793 140 535
32121951	Cellulosic fiberboard (insulating board)	2002.. N 1997.. N	X X	X X	117 793 140 535
3212195100	Cellulosic fiberboard (insulating board) mil sq ft (1/2 in. basis)	2002.. 5 1997.. 7	X X	P1 024.2 1 113.3	117 793 140 535
3212197	Hardboard made from purchased hardboard	2002.. N 1997.. N	X X	X X	232 875 207 125
32121971	Hardboard made from purchased hardboard	2002.. N 1997.. N	X X	X X	232 875 197 644
3212197115	Machined, coated, or laminated hardboard, including molded, cut to size, perforated, panel stock, doorskins, garage door panels, siding, and furniture stock, etc., made from purchased hardboard mil sq ft (1/8 in. basis)	2002.. 23 1997.. N	X N	S N	69 604 N

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)
321219	Reconstituted wood product manufacturing—Con.				
3212197	Hardboard made from purchased hardboard—Con.				
32121971	Hardboard made from purchased hardboard—Con.				
3212197121	Coated or laminated hardboard interior paneling made from purchased hardboard..... mil sq ft (1/8 in. basis) ..2002..	21	X	S	163 271
	..... 1997..	10	X	S	116 068
3212197Y	Hardboard made from purchased hardboard, nsk	2002..	N	X	N
	..... 1997..	N	X	X	9 481
3212197YV	Hardboard made from purchased hardboard, nsk	2002..	N	X	N
	..... 1997..	N	X	X	9 481
3212198	Prefinished particleboard and medium density fiberboard (MDF) made from purchased particleboard and MDF	2002..	N	X	X
	..... 1997..	N	X	X	753 549
32121981	Prefinished particleboard and medium density fiberboard (MDF) made from purchased particleboard and MDF	2002..	N	X	X
	..... 1997..	N	X	X	731 002
3212198111	Prefinished particleboard made from purchased particleboard	2002..	31	X	S
	..... mil sq ft (3/4 in. basis) ..2002..	45	X	S	549 055
3212198121	Prefinished or coated medium density fiberboard (MDF) made from purchased MDF	2002..	27	X	S
	..... mil sq ft (3/4 in. basis) ..2002..	32	X	S	181 947
3212198Y	Prefinished particleboard and medium density fiberboard (MDF) made from purchased particleboard and MDF, nsk	2002..	N	X	X
	..... 1997..	N	X	X	22 547
3212198YV	Prefinished particleboard and medium density fiberboard (MDF) made from purchased particleboard and MDF, nsk	2002..	N	X	X
	..... 1997..	N	X	X	100 753
321219W	Reconstituted wood product manufacturing, nsk, total	2002..	N	X	X
	..... 1997..	N	X	X	209 161
321219WY	Reconstituted wood product manufacturing, nsk, total	2002..	N	X	X
	..... 1997..	N	X	X	213 289
321219WYV	Reconstituted wood product manufacturing, nsk, for nonadministrative-record establishments	2002..	N	X	X
	..... 1997..	N	X	X	87 722
321219WYVY	Reconstituted wood product manufacturing, nsk, for administrative-record establishments	2002..	N	X	X
	..... 1997..	N	X	X	117 562
321219WYVY	Reconstituted wood product manufacturing, nsk, for administrative-record establishments	2002..	N	X	X
	..... 1997..	N	X	X	121 439
					95 727

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)
3212191	Particleboard made from particleboard produced at the same location	
	United States	2002.. 1 164 478
	United States	1997.. 1 270 675
	California	2002.. 75 137
	California	1997.. 69 773
	Georgia	2002.. 103 483
	Georgia	1997.. 87 059
	North Carolina	2002.. 40 272
	North Carolina	1997.. 49 662
	Oregon	2002.. 312 560
	Oregon	1997.. 373 016
	Pennsylvania	2002.. 46 075
Pennsylvania	1997.. N	
South Carolina	2002.. 94 868	
South Carolina	1997.. N	
Wisconsin	2002.. 29 744	
Wisconsin	1997.. N	
3212192	Waferboard and oriented strandboard	
	United States	2002.. 1 894 450
	United States	1997.. 1 249 636
	Georgia	2002.. 181 446
	Georgia	1997.. 138 328
Minnesota	2002.. 288 588	
Minnesota	1997.. 184 934	
3212193	Medium density fiberboard (MDF) made from MDF produced at the same location	
	United States	2002.. 468 760
	United States	1997.. 454 350
	Arkansas	2002.. 80 360
Arkansas	1997.. N	
3212194	Hardboard made from hardboard produced at the same location	
	United States	2002.. 722 916
	United States	1997.. 945 403
	North Carolina	2002.. 174 468
	North Carolina	1997.. 146 539
Oregon	2002.. 105 266	
Oregon	1997.. 124 776	
3212195	Cellulosic fiberboard (insulating board)	
	United States	2002.. 117 793
United States	1997.. 140 535	
3212197	Hardboard made from purchased hardboard	
	United States	2002.. 232 875
	United States	1997.. 207 125
	California	2002.. 37 879
	California	1997.. 3 346
	Indiana	2002.. 20 418
	Indiana	1997.. 23 779
	Michigan	2002.. 33 697
	Michigan	1997.. N
	North Carolina	2002.. 22 536
	North Carolina	1997.. 24 538
	Pennsylvania	2002.. 4 993
	Pennsylvania	1997.. N
Wisconsin	2002.. 2 167	
Wisconsin	1997.. N	
3212198	Prefinished particleboard and medium density fiberboard (MDF) made from purchased particleboard and MDF	
	United States	2002.. 753 549
	United States	1997.. 678 788
	Alabama	2002.. 27 476
	Alabama	1997.. N
	Indiana	2002.. 48 220
	Indiana	1997.. 34 103
	Michigan	2002.. 32 235
	Michigan	1997.. 41 973
	North Carolina	2002.. 207 889
	North Carolina	1997.. 49 949
	Oregon	2002.. 69 672
	Oregon	1997.. 82 718
	Texas	2002.. 23 352
	Texas	1997.. 24 324
	Washington	2002.. 27 764
	Washington	1997.. 58 208
Wisconsin	2002.. 50 168	
Wisconsin	1997.. 65 576	

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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)
321219	Reconstituted wood product manufacturing		
00900001	Total materials	X	2 777 316
	.....2002..	X	2 529 153
	.....1997..		
11331019	Logs and bolts mil bd ft Intl 1/4 in. scale	677.5	140 153
	.....2002..	S	80 891
	.....1997..		
11331021	Pulpwood 1,000 standard cords	6 031.3	388 054
	.....2002..	P6 811.0	400 579
	.....1997..		
32100015	Chips, slabs, edgings, sawdust, and other wood waste (excluding planer shavings) 1,000 s tons	7 585.1	227 096
	.....2002..	8 062.4	243 438
	.....1997..		
32100017	Planer shavings 1,000 s tons	2 470.4	93 797
	.....2002..	4 258.9	156 008
	.....1997..	X	84 848
	.....2002..	X	91 365
	.....1997..		
32121907	Medium density fiberboard (MDF) mil sq ft (3/4 in. basis)	S	121 207
	.....2002..	S	62 923
	.....1997..		
32121903	Particleboard (reconstituted wood) mil sq ft (3/4 in. basis)	S	184 286
	.....2002..	S	186 598
	.....1997..		
32551003	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied products 1,000 gallons	q7 734.6	72 570
	.....2002..	P8 083.6	69 488
	.....1997..		
32552007	Urethane adhesives mil lb (dry basis)	p77.4	45 612
	.....2002..	S	36 078
	.....1997..		
32521141	Urea and melamine resins mil lb (dry basis)	q2 071.2	264 677
	.....2002..	p2 465.1	331 136
	.....1997..		
32521143	Phenolic and other tar acid resins mil lb (dry basis)	758.1	172 650
	.....2002..	q446.9	172 516
	.....1997..		
32410009	Petroleum wax mil lb	290.3	66 097
	.....2002..	q334.2	61 173
	.....1997..		
00190054	Vinyl and paper overlays mil sq ft sm	S	137 891
	.....2002..	S	98 570
	.....1997..		
32521113	All other plastics resins consumed in the form of granules, pellets, powders, liquids, etc.	X	58 105
	.....2002..	X	8 823
	.....1997..		
00970099	All other materials and components, parts, containers, and supplies	X	387 495
	.....2002..	X	272 641
	.....1997..		
00971000	Materials, ingredients, containers, and supplies, nsk	X	332 778
	.....2002..	X	256 926
	.....1997..		

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.