

Showcase, Partition, Shelving, and Locker Manufacturing

1997

Issued September 1999

EC97M-3372D

1997 Economic Census

Manufacturing

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



ACKNOWLEDGMENTS

The staff of the Manufacturing and Construction Division prepared this report. **Judy M. Dodds**, Assistant Chief for Census and Related Programs, was responsible for the overall planning, management, and coordination. **Kenneth Hansen**, Chief, Manufactured Durables Branch, assisted by **Mike Brown**, **Renee Coley**, **Raphael Corrado**, and **Milbren Thomas**, Section Chiefs, **Michael Zampogna**, Former Chief, Manufactured Nondurables Branch, assisted by **Allen Foreman**, **Robert Miller**, **Robert Reinard**, and **Nat Shelton**, Section Chiefs, and **Tom Lee**, **Robert Rosati**, and **Tom Flood**, Special Assistants, performed the planning and implementation. **Stephanie Angel**, **Brian Appert**, **Stanis Batton**, **Carol Beasley**, **Chris Blackburn**, **Larry Blumberg**, **Vera Harris-Bourne**, **Brenda Campbell**, **Suzanne Conard**, **Vance Davis**, **Mary Ellickson**, **Matt Gaines**, **Merry Glascoe**, **Kay Hanks**, **Karen Harshbarger**, **Nancy Higgins**, **James Hinckley**, **Walter Hunter**, **Jim Jamski**, **Evelyn Jordan**, **Robert Lee**, **John Linehan**, **Paul Marck**, **Keith McKenzie**, **Philippe Morris**, **Joanna Nguyen**, **Betty Pannell**, **Joyce Pomeroy**, **Venita Powell**, **Cynthia Ramsey**, **Chris Savage**, **Arona Stovall**, **Sue Sundermann**, **Thanos Theodoropoulos**, **Dora Thomas**, **Ann Truffa**, **Ronanne Vinson**, **Keeley Voor**, **Denneth Wallace**, **Tempie Whittington**, **Lissene Witt**, and **Mike Yamaner** provided primary staff assistance.

Brian Greenberg, Assistant Chief for Research and Methodology Programs, assisted by **Stacey Cole**, Chief, Manufacturing Programs Methodology Branch, and **Robert Struble**, Section Chief, provided the mathematical and statistical techniques as well as the coverage operations. **Jeffrey Dalzell** and **Cathy Ritenour** provided primary staff assistance.

Mendel D. Gayle, Chief, Forms, Publications, and Customer Services Branch, assisted by **Julius Smith Jr.** and **Baruti Taylor**, Section Chiefs, performed overall

coordination of the publication process. **Kim Credito**, **Patrick Duck**, **Chip Murph**, **Wanda Sledd**, and **Veronica White** provided primary staff assistance.

The Economic Planning and Coordination Division, **Lawrence A. Blum**, Assistant Chief for Collection Activities and **Shirin A. Ahmed**, Assistant Chief for Post-Collection Processing, assisted by **Dennis Shoemaker**, Chief, Post-Collection Census Processing Branch, **Brandy Yarbrough**, Section Chief, **Sheila Proudfoot**, **Richard Williamson**, **Andrew W. Hait**, and **Jennifer E. Lins**, was responsible for developing the systems and procedures for data collection, editing, review, correction and dissemination

The staff of the National Processing Center, **Judith N. Petty**, Chief, performed mailout preparation and receipt operations, clerical and analytical review activities, data keying, and geocoding review.

The Geography Division staff developed geographic coding procedures and associated computer programs.

The Economic Statistical Methods and Programming Division, **Charles P. Pautler Jr.**, Chief, developed and coordinated the computer processing systems. **Martin S. Harahush**, Assistant Chief for Quinquennial Programs, assisted by **Barbara Lambert** and **Christina Arledge** were responsible for design and implementation of the computer systems. **Gary T. Sheridan**, Chief, Manufacturing and Construction Branch, **Lori A. Guido** and **Roy A. Smith**, Section Chiefs, supervised the preparation of the computer programs.

Computer Services Division, **Debra Williams**, Chief, performed the computer processing.

The staff of the Administrative and Customer Services Division, **Walter C. Odom**, Chief, performed planning, design, composition, editorial review, and printing planning and procurement for publications, Internet products, and report forms. **Cynthia G. Brooks** provided publication coordination and editing.

Showcase, Partition, Shelving, and Locker Manufacturing

1997

Issued September 1999

EC97M-3372D

1997 Economic Census

Manufacturing

Industry Series



U.S. Department of Commerce

William M. Daley,

Secretary

Robert L. Mallett,

Deputy Secretary

Economics

and Statistics

Administration

Robert J. Shapiro,

Under Secretary for

Economic Affairs

U.S. CENSUS BUREAU

Kenneth Prewitt,

Director



**Economics
and Statistics
Administration**

Robert J. Shapiro,
Under Secretary
for Economic Affairs



U.S. CENSUS BUREAU

Kenneth Prewitt,
Director

William G. Barron,
Deputy Director

Paula J. Schneider,
Principal Associate Director
for Programs

Frederick T. Knickerbocker,
Associate Director
for Economic Programs

Thomas L. Mesenbourg,
Assistant Director
for Economic Programs

William G. Bostic Jr.,
Chief, Manufacturing
and Construction Division

CONTENTS

Introduction to the Economic Census	1
Manufacturing	5

TABLES

1. Industry Statistics on NAICS Basis With Distribution Among 1987 SIC-Based Industries: 1997	7
2. Industry Statistics for Selected States: 1997	7
3. Detailed Statistics by Industry: 1997	8
4. Industry Statistics by Employment Size: 1997.....	9
5. Industry Statistics by Industry and Primary Product Class Specialization: 1997	9
6a. Products Statistics: 1997 and 1992.....	10
6b. Product Class Shipments for Selected States: 1997 and 1992 .	12
7. Materials Consumed by Kind: 1997 and 1992.....	13

APPENDIXES

A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Coverage and Methodology.....	C-1
D. Geographic Notes	--
E. Metropolitan Areas	--
F. Footnotes for Products Statistics and Materials Consumed by Kind	--
G. Comparability of Product Classes and Product Codes: 1997 to 1992.....	G-1

-- Not applicable for this report.

Introduction to the Economic Census

PURPOSES AND USES OF THE ECONOMIC CENSUS

The economic census is the major source of facts about the structure and functioning of the Nation's economy. It provides essential information for government, business, industry, and the general public. Title 13 of the United States Code (Sections 131, 191, and 224) directs the Census Bureau to take the economic census every 5 years, covering years ending in 2 and 7.

The economic census furnishes an important part of the framework for such composite measures as the gross domestic product estimates, input/output measures, production and price indexes, and other statistical series that measure short-term changes in economic conditions. Specific uses of economic census data include the following:

- Policymaking agencies of the Federal Government use the data to monitor economic activity and assess the effectiveness of policies.
- State and local governments use the data to assess business activities and tax bases within their jurisdictions and to develop programs to attract business.
- Trade associations study trends in their own and competing industries, which allows them to keep their members informed of market changes.
- Individual businesses use the data to locate potential markets and to analyze their own production and sales performance relative to industry or area averages.

ALL-NEW INDUSTRY CLASSIFICATIONS

Data from the 1997 Economic Census are published primarily on the basis of the North American Industry Classification System (NAICS), unlike earlier censuses, which were published according to the Standard Industrial Classification (SIC) system. NAICS is in the process of being adopted in the United States, Canada, and Mexico. Most economic census reports cover one of the following NAICS sectors:

21	Mining
22	Utilities
23	Construction
31-33	Manufacturing
42	Wholesale Trade
44-45	Retail Trade
48-49	Transportation and Warehousing
51	Information

52	Finance and Insurance
53	Real Estate and Rental and Leasing
54	Professional, Scientific, and Technical Services
55	Management of Companies and Enterprises
56	Administrative and Support and Waste Management and Remediation Services
61	Educational Services
62	Health Care and Social Assistance
71	Arts, Entertainment, and Recreation
72	Accommodation and Foodservices
81	Other Services (except Public Administration)

(Not listed above are the Agriculture, Forestry, Fishing, and Hunting sector (NAICS 11), partially covered by the census of agriculture conducted by the U.S. Department of Agriculture, and the Public Administration sector (NAICS 92), covered by the census of governments conducted by the Census Bureau.)

The 20 NAICS sectors are subdivided into 96 subsectors (three-digit codes), 313 industry groups (four-digit codes), and, as implemented in the United States, 1170 industries (five- and six-digit codes).

RELATIONSHIP TO SIC

While many of the individual NAICS industries correspond directly to industries as defined under the SIC system, most of the higher level groupings do not. Particular care should be taken in comparing data for retail trade, wholesale trade, and manufacturing, which are sector titles used in both NAICS and SIC, but cover somewhat different groups of industries. The industry definitions discuss the relationships between NAICS and SIC industries. Where changes are significant, it will not be possible to construct time series that include data for points both before and after 1997.

For 1997, data for auxiliary establishments (those functioning primarily to manage, service, or support the activities of their company's operating establishments, such as a central administrative office or warehouse) will not be included in the sector-specific reports. These data will be published separately.

GEOGRAPHIC AREA CODING

Accurate and complete information on the physical location of each establishment is required to tabulate the census data for the states, metropolitan areas (MAs), counties, parishes, and corporate municipalities including cities, towns, villages, and boroughs. Respondents were

required to report their physical location (street address, municipality, county, and state) if it differed from their mailing address. For establishments not surveyed by mail (and those single-establishment companies that did not provide acceptable information on physical location), location information from Internal Revenue Service tax forms is used as a basis for coding.

BASIS OF REPORTING

The economic census is conducted on an establishment basis. A company operating at more than one location is required to file a separate report for each store, factory, shop, or other location. Each establishment is assigned a separate industry classification based on its primary activity and not that of its parent company.

DOLLAR VALUES

All dollar values presented are expressed in current dollars; i.e., 1997 data are expressed in 1997 dollars, and 1992 data, in 1992 dollars. Consequently, when making comparisons with prior years, users of the data should consider the changes in prices that have occurred.

All dollar values are shown in thousands of dollars.

AVAILABILITY OF ADDITIONAL DATA

Reports in Print and Electronic Media

All results of the 1997 Economic Census are available on the Census Bureau Internet site (www.census.gov) and on compact discs (CD-ROM) for sale by the Census Bureau. Unlike previous censuses, only selected highlights are published in printed reports. For more information, including a description of electronic and printed reports being issued, see the Internet site, or write to U.S. Census Bureau, Washington, DC 20233-8300, or call Customer Services at 301-457-4100.

Special Tabulations

Special tabulations of data collected in the 1997 Economic Census may be obtained, depending on availability of time and personnel, in electronic or tabular form. The data will be summaries subject to the same rules prohibiting disclosure of confidential information (including name, address, kind of business, or other data for individual business establishments or companies) that govern the regular publications.

Special tabulations are prepared on a cost basis. A request for a cost estimate, as well as exact specifications on the type and format of the data to be provided, should be directed to the Chief of the division named below, U.S. Census Bureau, Washington, DC 20233-8300. To discuss a special tabulation before submitting specifications, call the appropriate division:

Manufacturing and Construction Division 301-457-4673
Service Sector Statistics Division 301-457-2668

HISTORICAL INFORMATION

The economic census has been taken as an integrated program at 5-year intervals since 1967 and before that for 1954, 1958, and 1963. Prior to that time, individual components of the economic census were taken separately at varying intervals.

The economic census traces its beginnings to the 1810 Decennial Census, when questions on manufacturing were included with those for population. Coverage of economic activities was expanded for the 1840 Decennial Census and subsequent censuses to include mining and some commercial activities. The 1905 Manufactures Census was the first time a census was taken apart from the regular decennial population census. Censuses covering retail and wholesale trade and construction industries were added in 1930, as were some covering service trades in 1933. Censuses of construction, manufacturing, and the other business service censuses were suspended during World War II.

The 1954 Economic Census was the first census to be fully integrated: providing comparable census data across economic sectors, using consistent time periods, concepts, definitions, classifications, and reporting units. It was the first census to be taken by mail, using lists of firms provided by the administrative records of other Federal agencies. Since 1963, administrative records also have been used to provide basic statistics for very small firms, reducing or eliminating the need to send them census questionnaires.

The range of industries covered in the economic censuses expanded between 1967 and 1992. The census of construction industries began on a regular basis in 1967, and the scope of service industries, introduced in 1933, was broadened in 1967, 1977, and 1987. While a few transportation industries were covered as early as 1963, it was not until 1992 that the census broadened to include all of transportation, communications, and utilities. Also new for 1992 was coverage of financial, insurance, and real estate industries. With these additions, the economic census and the separate census of governments and census of agriculture collectively covered roughly 98 percent of all economic activity.

Printed statistical reports from the 1992 and earlier censuses provide historical figures for the study of long-term time series and are available in some large libraries. All of the census reports printed since 1967 are still available for sale on microfiche from the Census Bureau. CD-ROMs issued from the 1987 and 1992 Economic Censuses contain databases including nearly all data published in print, plus additional statistics, such as ZIP Code statistics, published only on CD-ROM.

SOURCES FOR MORE INFORMATION

More information about the scope, coverage, classification system, data items, and publications for each of the economic censuses and related surveys is published in the *Guide to the 1997 Economic Census and Related Statistics* at www.census.gov/econguide. More information on the methodology, procedures, and history of the censuses will be published in the *History of the 1997 Economic Census* at www.census.gov/econ/www/history.html.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used with the 1997 Economic Census data:

A	Standard error of 100 percent or more.
D	Withheld to avoid disclosing data of individual companies; data are included in higher level totals.
F	Exceeds 100 percent because data include establishments with payroll exceeding revenue.
N	Not available or not comparable.
Q	Revenue not collected at this level of detail for multiestablishment firms.
S	Withheld because estimates did not meet publication standards.

V	Represents less than 50 vehicles or .05 percent.
X	Not applicable.
Y	Disclosure withheld because of insufficient coverage of merchandise lines.
Z	Less than half the unit shown.
a	0 to 19 employees.
b	20 to 99 employees.
c	100 to 249 employees.
e	250 to 499 employees.
f	500 to 999 employees.
g	1,000 to 2,499 employees.
h	2,500 to 4,999 employees.
i	5,000 to 9,999 employees.
j	10,000 to 24,999 employees.
k	25,000 to 49,999 employees.
l	50,000 to 99,999 employees.
m	100,000 employees or more.
p	10 to 19 percent estimated.
q	20 to 29 percent estimated.
r	Revised.
s	Sampling error exceeds 40 percent.
nec	Not elsewhere classified.
nsk	Not specified by kind.
–	Represents zero (page image/print only).
(CC)	Consolidated city.
(IC)	Independent city.

This page is intentionally blank.

Manufacturing

SCOPE

The 1997 Economic Census – Manufacturing covers all manufacturing establishments with one or more paid employees. Manufacturing is defined as the mechanical, physical, or chemical transformation of materials or substances into new products. The assembly of components into new products is also considered manufacturing, except when it is appropriately classified as construction.

Establishments in the manufacturing sector are often described as plants, factories, or mills and typically use power-driven machines and materials-handling equipment. Also included in the manufacturing sector are some establishments that make products by hand, like custom tailors and the makers of custom draperies. While manufacturers typically do not sell to the public, some establishments like bakeries and candy stores that make products on the premises may be included.

While logging and publishing are no longer in the scope of manufacturing, data for these industries are included in the manufacturing industry reports, but are not included in the manufacturing state, summary, and other reports.

GENERAL

This report, from the 1997 Economic Census – Manufacturing, is one of a series of 480 industry reports and 51 geographic area reports, each of which provides statistics for individual industries or states, respectively. Seven of the industry reports are for industries no longer in the manufacturing sector but are included with manufacturing for the 1997 census year. Also included for this sector are General, Product, and Materials Consumed Summary reports, a special report on Concentration Ratios in Manufacturing, and data files on Location of Manufacturing Plants.

Each industry report presents data for a six-digit North American Industry Classification System (NAICS) industry. A description of the particular NAICS industry may be found in Appendix B. These reports include such statistics as number of establishments, employment, payroll, value added by manufacture, cost of materials consumed, value of shipments, capital expenditures, etc. Explanations of these and other terms may be found in Appendix A. The industry reports also include data for states with 100 employees or more in the industry.

State reports, which include the District of Columbia, present similar statistics at the “all manufacturing” level for each state and its metropolitan areas (MAs) with 250

employees or more, and for counties, consolidated cities, and places with 500 employees or more. The state reports also include six-digit NAICS level data for industries with 100 employees or more in the state.

The General Summary report contains industry and geographic area statistics summarized in one report. It includes higher levels of aggregation than the industry and state reports, as well as revisions to the data made after the release of the industry and state reports.

The Products and Materials Consumed reports summarize the products and materials data published in the industry reports. The Product Summary report also includes data from the Current Industrial Reports (CIR) and a special table with data for products that are primary to more than one industry, which are not in the industry reports.

The Concentration Ratios report publishes data on the percentage of value of shipments accounted for by the 4-, 8-, 20-, and 50-largest companies for each manufacturing industry. Also shown in this report are Hirschmann-Herfindahl Indexes for each industry.

The Location of Manufacturing data files contain statistics on the number of establishments for the three- and six-digit NAICS industry by state, county, place, and ZIP Code by employment-size of the establishment.

GEOGRAPHIC AREAS COVERED

Statistics at the six-digit NAICS industry level are shown for states and the District of Columbia in both the state and industry reports for cells with 100 employees or more.

The state reports also include data at the “all manufacturing” level for a variety of geographies that meet the employment criteria.

Data are available for the metropolitan areas (MAs) with 250 employees or more. The term MA is a general term used to encompass all of the specifically defined metropolitan areas. A consolidated metropolitan statistical area (CMSA) is made up of two or more contiguous primary metropolitan statistical areas (PMSAs) with a combined population of at least 1 million. A PMSA is a subdivision of a CMSA that demonstrates very strong internal economic and social links separate from the ties to other portions of the CMSA. A metropolitan statistical area (MSA) is an integrated economic and social unit with a population of at least 50,000. An MA is made up of one or more counties meeting standards of metropolitan character. In New England, cities and towns, rather than counties, are the

component geographic units. Determination of the MAs was made by the Office of Management and Budget (OMB) as of June 30, 1997. The population estimates were from the 1990 Census of Population or a subsequent special census. When applicable, the make-up of an MA is included in Appendix E. Changes to geographical boundaries are noted in Appendix D.

The state reports include data for counties with 500 employees or more. These are the primary divisions of states, except in Louisiana where they are called parishes and in Alaska where they are called boroughs and census areas. Maryland, Missouri, Nevada, and Virginia have one or more places that are independent of county organizations. These places are treated as counties and places. The counties and places are defined as of January 1, 1997.

The state reports include data for places with 500 employees or more. Places are typically cities, towns, and villages. They may be incorporated municipalities, semi-independent municipalities, special economic urban areas (SEUAs), or other place equivalents.

The state reports also include data for consolidated cities with 500 employees or more. Consolidated cities are made up of separately incorporated municipalities.

COMPARABILITY OF THE 1992 AND 1997 CENSUSES

The adoption of the North American Industry Classification System (NAICS) has had a major impact on the comparability of data between the 1992 and 1997 censuses. Approximately half of the industries in the manufacturing sector of NAICS do not have comparable industries in the Standard Industrial Classification (SIC) system that was used in the past. If industries are not comparable between the two censuses, historic data are not shown. When applicable, Appendix G shows the product class and product comparability between the two systems.

While most of the change affecting the manufacturing sector was change within the sector, some industries left manufacturing and others came into manufacturing. Prominent among those leaving manufacturing are logging and portions of publishing. Prominent among the industries coming into the manufacturing sector are bakeries, candy stores where candy is made on the premises, custom tailors, makers of custom draperies, and tire retreading. Data for the industries coming into manufacturing as well as those leaving manufacturing are included in the manufacturing industry report series for 1997. However, the state and summary reports only include data for industries in the NAICS definition of manufacturing.

Another change resulting from the conversion to NAICS is that data for central administrative offices (CAOs) associated with manufacturing are not included along side the manufacturing data. This change affects data in the state reports and the general summary.

DISCLOSURE

In accordance with Federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or company. However, the number of establishments classified in a specific industry or geography is not considered a disclosure, and may be released even when other information is withheld.

The disclosure analysis for the industry statistics files is based on the total value of shipments. When the total value of shipments cannot be shown without disclosing information for individual companies, the complete line is suppressed except for capital expenditures. However, the suppressed data are included in higher-level totals. A separate disclosure analysis is performed for capital expenditures that can be suppressed even though value of shipments data are published.

AVAILABILITY OF MORE FREQUENT ECONOMIC DATA

The Census Bureau conducts the Annual Survey of Manufactures (ASM) in each of the 4 years between the economic censuses. The ASM is a probability-based sample of approximately 58,000 establishments and collects many of the same industry statistics (including employment, payroll, value of shipments, etc.) as the economic census. However, there are selected statistics not included in the ASM. Among these are the number of companies and establishments, detailed product and materials data, and substate geographic data.

In addition to the ASM, the Census Bureau conducts a Current Industrial Reports (CIR) program. The CIR publishes detailed product statistics for selected manufacturing industries at the U.S. level annually and, in some cases, monthly and/or quarterly. For the 1997 Economic Census – Manufacturing, the annual CIR data are included in the Product Summary report.

The Census Bureau also conducts the monthly Manufacturers' Shipments, Inventories, and Orders (M3) program, which publishes detailed statistics for manufacturing industries at the U.S. level.

Table 1. Industry Statistics on NAICS Basis With Distribution Among 1987 SIC-Based Industries: 1997

[NAICS codes appear in bold type. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS or SIC code	Industry	Com-panies ¹	All estab-lish-ments ²	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Total capital expendi-tures (\$1,000)
				Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				
337215	Showcase, partition, shelving, & locker mfg	2 076	2 156	75 388	2 084 588	57 760	109 654	1 286 974	4 491 094	3 526 262	8 006 290	226 969
242630	Hardwood dimension & flooring mills (pt)	N	246	6 310	115 008	5 380	9 828	88 973	199 386	183 749	382 917	11 245
254130	Wood partitions & fixtures (pt)	N	906	23 319	659 373	17 001	31 163	385 431	1 250 141	982 173	2 251 883	55 712
254200	Partitions & fixtures, except wood	N	926	44 464	1 274 838	34 356	66 719	789 838	2 975 129	2 303 659	5 248 433	149 919
349960	Fabricated metal products, n.e.c. (pt)	N	78	1 295	35 369	1 023	1 944	22 732	66 438	56 681	123 057	10 093

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.

Table 2. Industry Statistics for Selected States: 1997

[States that are disclosures or with less than 100 employees are not shown. For explanation of terms, see appendixes. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	All establishments		All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Total capital expendi-tures (\$1,000)	
	E ¹	Total	With 20 em-ploy-ees or more	Number	Payroll (\$1,000)	Number	Hours (1,000)					Wages (\$1,000)
337215, SHOWCASE, PARTITION, SHELVING, & LOCKER MFG												
United States	1	2 156	812	75 388	2 084 588	57 760	109 654	1 286 974	4 491 094	3 526 262	8 006 290	226 969
Alabama	-	19	7	1 848	43 389	1 457	3 000	31 571	138 450	101 681	238 577	21 358
Arkansas	1	18	7	1 603	39 760	1 257	2 751	25 823	63 474	47 757	111 919	3 526
California	1	291	109	8 135	231 433	6 299	11 222	134 777	494 658	378 107	871 719	19 245
Florida	3	87	23	1 968	49 544	1 514	2 894	32 241	98 448	77 935	173 821	3 780
Georgia	-	67	22	2 348	65 803	1 743	3 387	40 874	140 254	110 209	250 441	5 252
Illinois	-	121	55	6 968	211 752	5 448	10 832	132 472	518 290	486 559	1 009 526	23 670
Indiana	1	49	20	2 489	75 214	1 963	3 835	48 823	138 812	108 544	242 337	8 239
Kansas	1	16	7	881	20 117	730	1 363	12 669	40 741	25 605	65 219	1 247
Kentucky	1	23	11	760	15 692	560	889	8 956	40 213	23 032	63 498	1 648
Massachusetts	2	30	9	644	20 591	486	1 024	13 058	41 163	27 939	68 589	1 641
Michigan	-	99	39	3 083	92 527	2 344	4 701	58 994	225 213	175 644	397 490	10 541
Minnesota	-	63	21	2 277	78 669	1 599	3 028	46 972	157 166	112 797	271 042	7 231
Mississippi	-	48	27	2 002	34 684	1 727	3 018	26 679	67 962	70 369	138 224	10 207
Missouri	1	51	17	1 821	48 428	1 433	2 891	28 895	94 074	85 405	178 678	3 447
Nebraska	-	10	5	1 420	37 615	1 111	2 088	25 604	151 150	86 668	234 871	5 114
New Jersey	4	79	32	2 535	82 302	1 838	3 553	45 312	152 115	127 153	276 166	6 266
New York	2	151	64	5 336	140 319	3 776	6 359	77 441	314 946	195 627	507 729	9 894
North Carolina	1	176	72	4 938	114 051	4 054	7 523	78 355	208 739	171 801	384 248	11 265
Ohio	1	112	53	4 795	155 327	3 528	7 222	96 726	319 295	273 502	594 192	18 095
Oklahoma	1	16	4	381	7 502	319	577	5 301	19 192	14 112	33 031	1 393
Oregon	2	34	11	915	31 456	548	976	16 873	60 525	40 956	100 643	2 394
Pennsylvania	3	91	33	2 786	78 913	2 111	3 882	47 106	150 475	143 705	292 488	6 759
Tennessee	-	43	12	1 973	52 172	1 670	2 890	34 477	134 365	104 714	241 792	10 251
Virginia	3	32	12	1 327	30 826	972	1 968	21 116	65 661	53 622	116 083	2 336
Washington	2	40	10	653	21 400	485	981	13 502	30 907	29 123	63 520	1 598
Wisconsin	3	52	20	1 960	55 681	1 436	2 817	32 978	105 751	84 839	191 886	4 807

* Hawaii has no incorporated places in the sense of functioning governmental units; however, in agreement with Hawaiian law, the Bureau of the Census reports data for census designated places (CDPs) which have been designated as place equivalents. Those CDPs, only for the state of Hawaii, with 2,500 or more population are recognized.

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 based on administrative-record 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.

Table 3. Detailed Statistics by Industry: 1997

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Item	Value	Item	Value
337215, SHOWCASE, PARTITION, SHELVING, & LOCKER MFG		337215, SHOWCASE, PARTITION, SHELVING, & LOCKER MFG—Con.	
Companies ¹	number.. 2 076	Value added	\$1,000.. 4 491 094
All establishments	number.. 2 156	Total inventories, beginning of year	\$1,000.. 979 636
Establishments with 1 to 19 employees	number.. 1 344	Finished goods inventories, beginning of year	\$1,000.. 371 505
Establishments with 20 to 99 employees	number.. 645	Work-in-process inventories, beginning of year	\$1,000.. 232 904
Establishments with 100 employees or more	number.. 167	Materials and supplies inventories, beginning of year	\$1,000.. 375 227
All employees	number.. 75 388	Total inventories, end of year	\$1,000.. 976 842
Total compensation ²	\$1,000.. 2 548 700	Finished goods inventories, end of year	\$1,000.. 381 540
Annual payroll	\$1,000.. 2 084 588	Work-in-process inventories, end of year	\$1,000.. 233 935
Total fringe benefits	\$1,000.. 464 112	Materials and supplies inventories, end of year	\$1,000.. 361 367
Production workers, average for year	number.. 57 760	Gross book value of total assets at beginning of year	\$1,000.. 1 927 511
Production workers on March 12	number.. 56 750	Total capital expenditures (new and used)	\$1,000.. 226 969
Production workers on May 12	number.. 57 542	Capital expenditures for buildings and other structures (new and used)	\$1,000.. 48 618
Production workers on August 12	number.. 58 589	Capital expenditures for machinery and equipment (new and used)	\$1,000.. 178 351
Production workers on November 12	number.. 58 159	Total retirements ²	\$1,000.. 40 107
Production-worker hours	1,000.. 109 654	Gross book value of total assets at end of year	\$1,000.. 2 114 373
Production-worker wages	\$1,000.. 1 286 974	Total depreciation during year ²	\$1,000.. 168 965
Total cost of materials	\$1,000.. 3 526 262	Total rental payments ²	\$1,000.. 155 843
Cost of materials, parts, containers, etc., consumed	\$1,000.. 2 955 651	Buildings and other structures rental payments ²	\$1,000.. 86 834
Cost of resales	\$1,000.. 289 291	Machinery and equipment rental payments ²	\$1,000.. 69 009
Cost of fuels	\$1,000.. 39 294	Cost of purchased services for the repair of buildings and other structures ³	\$1,000.. 12 560
Cost of purchased electricity	\$1,000.. 74 046	Response coverage ratio ⁴	percent.. 70
Cost of contract work	\$1,000.. 167 980	Cost of purchased services for the repair of machinery and equipment ³	\$1,000.. 28 644
Quantity of electricity purchased for heat and power	1,000 kWh.. 1 225 874	Response coverage ratio ⁴	percent.. 70
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D	Cost of purchased communications services ³	\$1,000.. 13 877
Total value of shipments	\$1,000.. 8 006 290	Response coverage ratio ⁴	percent.. 70
Primary products value of shipments	\$1,000.. 7 146 396	Cost of purchased legal services ³	\$1,000.. 6 854
Secondary products value of shipments	\$1,000.. 402 692	Response coverage ratio ⁴	percent.. 70
Total miscellaneous receipts	\$1,000.. 457 202	Cost of purchased accounting and bookkeeping services ³	\$1,000.. 7 955
Value of resales	\$1,000.. 351 595	Response coverage ratio ⁴	percent.. 70
Contract receipts	\$1,000.. 25 072	Cost of purchased advertising services ³	\$1,000.. 16 401
Other miscellaneous receipts	\$1,000.. 80 535	Response coverage ratio ⁴	percent.. 70
Primary products specialization ratio	percent.. 94	Cost of purchased software and other data processing services ³	\$1,000.. 5 515
Value of primary products shipments made in all industries	\$1,000.. 7 651 534	Response coverage ratio ⁴	percent.. 70
Value of primary products shipments made in this industry	\$1,000.. 7 146 396	Cost of purchased refuse removal (including hazardous waste) services ³	\$1,000.. 8 947
Value of primary products shipments made in other industries	\$1,000.. 505 138	Response coverage ratio ⁴	percent.. 70
Coverage ratio	percent.. 93		

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

²These items are collected in the ASM and estimated for the remaining establishments; therefore, the levels of estimation are higher than for other items in the table.

³Based on ASM sample data.

⁴A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those ASM establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

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

Table 4. Industry Statistics by Employment Size: 1997

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Employment size class	E ¹	All establishments		All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				
337215, SHOWCASE, PARTITION, SHELVING, & LOCKER MFG												
All establishments	1	2 156	812	75 388	2 084 588	57 760	109 654	1 286 974	4 491 094	3 526 262	8 006 290	226 969
Establishments with 1 to 4 employees	8	520	—	1 089	24 684	909	1 376	15 984	44 671	38 525	83 233	2 131
Establishments with 5 to 9 employees	5	419	—	2 847	68 033	2 167	3 493	42 355	129 373	97 581	226 109	5 689
Establishments with 10 to 19 employees	3	405	—	5 713	141 740	4 319	7 412	86 767	275 115	219 815	493 010	13 763
Establishments with 20 to 49 employees	1	440	440	13 742	365 607	10 623	19 400	226 133	793 118	581 408	1 372 435	44 858
Establishments with 50 to 99 employees	2	205	205	14 244	409 175	10 899	21 054	241 295	785 838	623 110	1 412 226	40 130
Establishments with 100 to 249 employees	1	126	126	19 422	558 879	14 655	28 533	334 333	1 193 467	1 047 854	2 242 324	46 861
Establishments with 250 to 499 employees	—	29	29	9 865	300 758	7 319	15 272	187 903	691 366	560 613	1 247 977	34 273
Establishments with 500 to 999 employees	—	10	10	D	D	D	D	D	D	D	D	D
Establishments with 1,000 to 2,499 employees	—	2	2	D	D	D	D	D	D	D	D	D
Establishments with 2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—	—
Administrative records ²	9	638	—	2 953	59 410	2 330	3 275	37 919	105 175	93 533	198 264	5 445

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 based on administrative-record 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.

²Some 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.

Table 5. Industry Statistics by Industry and Primary Product Class Specialization: 1997

[For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS industry or product class code	Industry or primary product class	All establishments	All employees		Production workers			Value added by manufacture (\$1,000)	Cost of materials (\$1,000)	Value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number	Payroll (\$1,000)	Number	Hours (1,000)	Wages (\$1,000)				
337215	Showcase, partition, shelving, & locker mfg ...	2 156	75 388	2 084 588	57 760	109 654	1 286 974	4 491 094	3 526 262	8 006 290	226 969
3372151	Wood partitions, shelving, and lockers, except custom	34	1 651	41 003	1 216	2 391	23 932	69 569	77 276	154 294	4 582
3372154	Wood fixtures for stores, banks, and offices, and other miscellaneous fixtures, except custom	419	15 448	449 109	11 403	21 203	266 942	862 835	641 546	1 511 708	31 963
3372157	Prefabricated partitions, assembled or knocked-down, nonwood	31	2 469	79 633	1 553	3 202	39 220	138 910	125 762	263 398	8 340
337215A	Shelving and lockers, nonwood	45	10 232	297 152	8 030	15 758	196 336	840 841	590 835	1 422 151	49 438
337215E	Storage racks and accessories, nonwood	91	8 038	242 918	6 513	12 893	159 085	630 877	531 009	1 159 907	30 439
337215H	Fixtures for stores, banks, and offices, and miscellaneous fixtures, nonwood	299	19 080	542 125	14 709	29 053	324 896	1 141 542	855 276	1 981 867	59 224
337215K	Wood furniture frames for household furniture, including frames for upholstered furniture	169	5 910	108 450	5 036	9 264	83 478	187 642	171 364	358 780	10 598

Table 6a. Products Statistics: 1997 and 1992

[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. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS product code	Product	1997				1992			
		Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)			Quantity	Value (\$1,000)
337215	Showcases, partitions, shelving, and lockers	N	X	X	7 651 534	N	X	X	N
3372151	Wood partitions, shelving, and lockers, except custom	N	X	X	213 112	N	X	X	N
33721511	Prefabricated wood partitions (assembled or knocked-down), and wood shelving and lockers, except custom	N	X	X	212 281	N	X	X	N
3372151111	Wood partitions, prefabricated (assembled or knocked-down), except custom	22	X	X	64 544	N	X	X	N
3372151121	Wood shelving, except custom	31	X	X	138 296	N	X	X	N
3372151131	Wood lockers, except custom	8	X	X	9 441	N	X	X	N
3372151Y	Wood partitions, shelving, and lockers, nsk	N	X	X	831	N	X	X	N
3372151YVV	Wood partitions, shelving, and lockers, nsk	N	X	X	831	N	X	X	N
3372154	Wood fixtures for stores, banks, and offices, and other miscellaneous fixtures, except custom	N	X	X	1 533 707	N	X	X	N
33721541	Wood fixtures for stores, banks, and offices, and other miscellaneous fixtures, except custom	N	X	X	1 409 998	N	X	X	N
3372154111	Wood walls and wall fixtures, manufacturers' standard, for retail stores	91	X	X	155 388	N	X	X	N
3372154121	Wood center floor tables and gondolas, manufacturers' standard, for retail stores	82	X	X	138 170	N	X	X	N
3372154131	Other wood fixtures and displays, manufacturers' standard, for retail stores	131	X	X	377 555	N	X	X	N
3372154141	Other wood show and display cases, including wall types, and tables, nec, except custom	104	X	X	203 471	N	X	X	N
3372154151	Wood cabinets, floor or wall types, for stores, banks, and offices, except custom	161	X	X	191 824	N	X	X	N
3372154161	Wood counters, excluding bank counters, except custom	54	X	X	44 473	N	X	X	N
3372154171	Wood bank fixtures, including bank counters, except custom	42	X	X	23 618	N	X	X	N
3372154181	Other wood fixtures, including backs, telephone booths, cashier stands, miscellaneous display fixtures, etc., except custom	98	X	X	275 499	N	X	X	N
3372154Y	Wood fixtures for stores, banks, and offices, and other miscellaneous fixtures, nsk	N	X	X	123 709	N	X	X	N
3372154YVV	Wood fixtures for stores, banks, and offices, and other miscellaneous fixtures, nsk	N	X	X	123 709	N	X	X	N
3372157	Prefabricated partitions, assembled or knocked-down, nonwood	N	X	X	276 894	N	X	X	219 850
33721571	Prefabricated partitions, assembled or knocked-down, nonwood	N	X	X	276 894	N	X	X	N
3372157111	Toilet partitions, nonwood	16	X	X	111 562	20	X	X	77 587
3372157121	Movable partitions, except freestanding, nonwood	18	X	X	125 792	20	X	X	124 521
3372157131	Other partitions (excluding accordion and folding-door type), nonwood	6	X	X	39 540	6	X	X	11 427
3372157Y	Partitions, prefabricated (assembled or knocked-down), nonwood, nsk	N	X	X	-	N	X	X	N
3372157YVV	Partitions, prefabricated (assembled or knocked-down), nonwood, nsk	N	X	X	-	N	X	X	6 315
337215A	Shelving and lockers, nonwood	N	X	X	1 169 795	N	X	X	739 898
337215A1	Commercial shelving (factory, store, etc.), nonwood	N	X	X	731 816	N	X	X	N
337215A111	Commercial shelving (factory, store, etc.), nonwood	42	X	X	731 816	60	X	X	418 998
337215A2	Bookstacks, other shelving, and lockers, nonwood	N	X	X	398 878	N	X	X	N
337215A211	Bookstacks (library, office, and school), nonwood	15	X	X	90 396	16	X	X	37 933
337215A221	Other shelving, including shelving for correspondence, computer tapes and disks, microfilm, etc., nonwood	14	X	X	129 446	33	X	X	123 686
337215A231	Lockers, nonwood	16	X	X	179 036	19	X	X	140 921
337215AY	Shelving and lockers, nonwood, nsk	N	X	X	39 101	N	X	X	N
337215AYVV	Shelving and lockers, nonwood, nsk	N	X	X	39 101	N	X	X	18 360

See footnotes at end of table.

Table 6a. Products Statistics: 1997 and 1992—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. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS product code	Product	1997				1992			
		Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)			Quantity	Value (\$1,000)
337215	Showcases, partitions, shelving, and lockers—Con.								
337215E	Storage racks and accessories, nonwood	N	X	X	1 134 747	N	X	X	647 849
337215E1	Storage racks and accessories, nonwood	N	X	X	1 041 303	N	X	X	N
337215E111	Drive-in-drive-thru and gravity conveyor or pallet storage racks, nonwood	21	X	X	112 249	25	X	X	71 201
337215E121	Cantilever storage racks, nonwood	16	X	X	61 958	22	X	X	47 659
337215E131	Portable stacking racks and frames, nonwood	29	X	X	89 564	27	X	X	71 523
337215E141	Stacker-racks (pallet support, beams perpendicular to the storage aisle), nonwood	14	X	X	115 042	19	X	X	72 157
337215E151	Other racks, including conventional pallet racks and accessories, nonwood	81	X	X	662 490	70	X	X	326 959
337215EY	Storage racks and accessories, nonwood, nsk	N	X	X	93 444	N	X	X	N
337215EYWV	Storage racks and accessories, nonwood, nsk	N	X	X	93 444	N	X	X	58 350
337215H	Fixtures for stores, banks, and offices, and miscellaneous fixtures, nonwood	N	X	X	1 906 127	N	X	X	N
337215H1	Custom store fixtures, retail, except retail food stores, nonwood	N	X	X	908 745	N	X	X	N
337215H111	Custom store fixtures for retail stores, nonwood	141	X	X	908 745	N	X	X	N
337215H2	Manufacturers' standard store fixtures, retail, nonwood	N	X	X	258 722	N	X	X	N
337215H211	Manufacturers' standard store fixtures, retail, nonwood	51	X	X	258 722	N	X	X	N
337215H3	Other show and display cases, cabinets, and other fixtures, nec, nonwood	N	X	X	584 651	N	X	X	N
337215H311	Other show and display cases (including wall types) and tables, nec, nonwood	70	X	X	158 789	49	X	X	90 153
337215H321	Cabinets (floor or wall types), nec, for stores, banks, and offices, nonwood	59	X	X	103 062	53	X	X	155 332
337215H331	Other fixtures (counters, window backs, telephone booths, miscellaneous display fixtures, cashier stands, etc.), nec, nonwood	65	X	X	191 365	81	X	X	134 321
337215H341	Metal furniture parts, household	28	X	X	47 480	N	X	X	N
337215H351	Metal furniture parts, office	41	X	X	83 955	N	X	X	N
337215HY	Fixtures for stores, banks, and offices, and miscellaneous fixtures, nonwood, nsk	N	X	X	154 009	N	X	X	N
337215HYWV	Fixtures for stores, banks, and offices, and miscellaneous fixtures, nonwood, nsk	N	X	X	154 009	N	X	X	N
337215K	Wood furniture frames for household furniture, including frames for upholstered furniture	N	X	X	363 367	N	X	X	273 056
337215K1	Wood furniture frames for household furniture, including frames for upholstered furniture	N	X	X	328 454	N	X	X	N
337215K111	Wood furniture frames for household seating	136	X	S	261 007	132	X	% 429.8	226 261
337215K121	Wood furniture frames for other household furniture	40	X	S	67 447	24	X	S	35 931
337215KY	Wood furniture frames for household furniture, including frames for upholstered furniture, nsk	N	X	X	34 913	N	X	X	N
337215KYWV	Wood furniture frames for household furniture, including frames for upholstered furniture, nsk	N	X	X	34 913	N	X	X	10 864
337215W	Showcases, partitions, shelving, and lockers, nsk, total	N	X	X	1 053 785	N	X	X	N
337215WY	Showcase, partition, shelving, and locker manufacturing, nsk, total	N	X	X	1 053 785	N	X	X	N
337215WYWV	Showcase, partition, shelving, and locker manufacturing, nsk, for nonadministrative-record establishments	N	X	X	863 808	N	X	X	N
337215WYWY	Showcase, partition, shelving, and locker manufacturing, nsk, for administrative-record establishments	N	X	X	189 977	N	X	X	N

Additional information is available for this item; see Appendix F.
 @ Additional data are available for these codes at the aggregate U.S. level in the Current Industrial Report (CIR) series; see Appendix F for the CIR survey number and title.
 \$ This product is primary to more than one industry; see Appendix F for a listing of the related product codes.

Note: For some establishments, data have been estimated from central unit values which 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; a 20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Table 6b. Product Class Shipments for Selected States: 1997 and 1992

[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 1997. For meaning of abbreviations and symbols, see introductory text. For explanations of terms, see appendixes]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)	
		1997	1992
3372151	WOOD PARTITIONS, SHELVING, AND LOCKERS, EXCEPT CUSTOM		
	United States	213 112	N
	California	10 140	N
	Florida	23 650	N
	Illinois	12 692	N
	Michigan	2 012	N
	New York	6 060	N
	North Carolina	4 772	N
3372154	WOOD FIXTURES FOR STORES, BANKS, AND OFFICES, AND OTHER MISCELLANEOUS FIXTURES, EXCEPT CUSTOM		
	United States	1 533 707	N
	Alabama	33 267	N
	Arizona	12 373	N
	Arkansas	22 343	N
	California	204 639	N
	Colorado	9 651	N
	Connecticut	24 380	N
	Florida	62 242	N
	Georgia	32 250	N
	Idaho	2 056	N
	Illinois	62 683	N
	Indiana	26 679	N
	Iowa	8 433	N
	Kansas	11 763	N
	Kentucky	13 749	N
	Maine	14 353	N
	Maryland	20 416	N
	Massachusetts	26 039	N
	Michigan	37 684	N
	Minnesota	65 825	N
	Missouri	29 673	N
	New Jersey	73 414	N
	New York	108 294	N
	North Carolina	63 758	N
	Ohio	100 909	N
	Oklahoma	13 835	N
	Oregon	60 266	N
	Pennsylvania	71 382	N
	Tennessee	9 807	N
	Texas	115 903	N
	Utah	8 743	N
	Virginia	60 448	N
Washington	26 696	N	
Wisconsin	31 678	N	
3372157	PREFABRICATED PARTITIONS, ASSEMBLED OR KNOCKED-DOWN, NONWOOD		
	United States	276 894	219 850
	California	17 149	15 388
	New York	68 868	57 780
	Ohio	44 320	5 373
	Pennsylvania	12 936	12 247
Texas	8 013	N	
337215A	SHELVING AND LOCKERS, NONWOOD		
	United States	1 169 795	739 898
	Alabama	109 014	N
	Illinois	306 115	178 528
	New Jersey	8 633	46 197
	New York	66 210	17 035
Ohio	61 645	58 662	
Pennsylvania	61 982	62 970	
337215E	STORAGE RACKS AND ACCESSORIES, NONWOOD		
	United States	1 134 747	647 849
	California	137 211	68 277
	Georgia	39 823	18 246
	Illinois	126 503	91 969
	Michigan	222 517	92 808
	New Jersey	55 221	N
	New York	4 426	13 314
	North Carolina	49 995	9 158
	Ohio	183 681	41 859
	Pennsylvania	51 148	41 234
	Tennessee	74 635	N
	Texas	17 230	27 839
Washington	2 754	N	
Wisconsin	7 245	4 687	

See footnotes at end of table.

Table 6b. Product Class Shipments for Selected States: 1997 and 1992—Con.

[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 1997. For meaning of abbreviations and symbols, see introductory text. For explanations of terms, see appendixes]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)	
		1997	1992
337215H	FIXTURES FOR STORES, BANKS, AND OFFICES, AND MISCELLANEOUS FIXTURES, NONWOOD		
	United States	1 906 127	N
	Alabama	36 336	N
	Arizona	6 660	N
	California	246 925	N
	Colorado	23 416	N
	Florida	33 833	N
	Georgia	82 232	N
	Illinois	244 364	N
	Indiana	101 874	N
	Iowa	5 043	N
	Kansas	32 366	N
	Kentucky	33 059	N
	Massachusetts	5 753	N
	Michigan	70 238	N
	Minnesota	145 945	N
	Mississippi	6 189	N
	Missouri	83 062	N
	New Jersey	105 089	N
	New York	110 128	N
	North Carolina	65 884	N
	Ohio	80 021	N
	Oregon	4 152	N
	Pennsylvania	55 361	N
	Rhode Island	34 352	N
	Texas	51 138	N
	Utah	17 751	N
	Washington	18 913	N
	Wisconsin	86 216	N
337215K	WOOD FURNITURE FRAMES FOR HOUSEHOLD FURNITURE, INCLUDING FRAMES FOR UPHOLSTERED FURNITURE		
	United States	363 367	273 056
	California	37 994	20 472
	Florida	2 189	N
	Massachusetts	2 333	N
	Mississippi	107 917	69 333
	Missouri	6 181	N
	North Carolina	137 371	93 434
	Pennsylvania	3 311	N
	Tennessee	10 772	10 740

Additional information is available for this item; see Appendix F.

@ Additional data are available for these codes at the aggregate U.S. level in the Current Industrial Report (CIR) series; see Appendix F for the CIR survey number and title.

\$ This product is primary to more than one industry; see Appendix F for a listing of the related product codes.

Table 7. Materials Consumed by Kind: 1997 and 1992

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS material code	Material consumed	1997		1992	
		Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
337215	SHOWCASE, PARTITION, SHELVING, & LOCKER MFG				
332000AC	Metal stampings	X	69 938	X	N
33200043	All other fabricated metal products (except castings and forgings)	X	141 068	X	N
33210001	Forgings	X	4 597	X	N
33100035	Castings (rough and semifinished)	X	5 094	X	N
33120017	Steel sheet and strip, including tin plate	X	582 484	X	N
33120083	All other steel shapes and forms (except castings, forgings, and fabricated metal products)	X	159 537	X	N
33131501	Aluminum and aluminum-base alloy sheet, plate, foil, and welded tubing	X	35 815	X	N
33100055	All other aluminum and aluminum-base alloy shapes and forms (except castings, forgings, and fabricated metal products)	X	36 754	X	N
33100077	Other nonferrous shapes and forms (except castings, forgings, and fabricated metal products)	X	4 725	X	N
32100025	Hardwood lumber, rough and dressed	X	98 877	X	N
32100031	Softwood lumber, rough and dressed	X	29 850	X	N
00190097	Hardwood dimension and parts, including wood furniture frames	X	24 726	X	N
32121105	Hardwood veneer	X	10 987	X	N
32121101	Hardwood plywood	X	53 352	X	N
32121201	Softwood plywood	X	24 483	X	N
32121903	Particleboard (wood)	X	99 757	X	N
32121907	Medium density fiberboard (MDF)	X	46 123	X	N
32121909	Hardboard	X	23 626	X	N
32613001	Plastics laminated sheets	X	76 053	X	N
32619909	Plastics furniture parts and components	X	33 335	X	N

See footnotes at end of table.

Table 7. Materials Consumed by Kind: 1997 and 1992—Con.

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

NAICS material code	Material consumed	1997		1992	
		Quantity	Delivered cost (\$1,000)	Quantity	Delivered cost (\$1,000)
337215	SHOWCASE, PARTITION, SHELVING, & LOCKER MFG—Con.				
32615000	Formed and slab stock for pillows, cushions, seating, etc. (urethane)	X	1 197	X	N
31332007	Coated or laminated fabrics, including vinyl coated	X	3 102	X	N
31321019	Uncoated broadwoven fabrics for upholstery	X	4 071	X	N
32721101	Flat glass (plate, float, and sheet)	X	14 823	X	N
32552001	Adhesives and sealants	X	10 801	X	N
32551003	Paints, varnishes, lacquers, stains, shellacs, japans, enamels, and allied products	X	82 189	X	N
33251001	Furniture and builders' hardware, including cabinet hardware, casters, glides, handles, hinges, locks, etc.	X	74 105	X	N
32221001	Paperboard containers, boxes, and corrugated paperboard	X	90 851	X	N
00970099	All other materials and components, parts, containers, and supplies	X	389 523	X	N
00971000	Materials, ingredients, containers, and supplies, n.s.k.	X	723 808	X	N

Additional information is available for this item; see Appendix F.

Note: For some establishments, data have been estimated from central unit values which 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.

Appendix A.

Explanation of Terms

BEGINNING- AND END-OF-YEAR INVENTORIES

Respondents were asked to report their beginning-of-year and end-of-year inventories at cost or market. Effective with the 1982 Economic Census, this change to a uniform instruction for reporting inventories was introduced for all sector reports. Prior to 1982, respondents were permitted to value inventories using any generally accepted accounting method (FIFO, LIFO, market, to name a few). Beginning in 1982, LIFO users were asked to first report inventory values prior to the LIFO adjustment and then to report the LIFO reserve and the LIFO value after adjustment for the reserve.

Inventory Data by Stage of Fabrication

Total inventories and three detailed components (1) finished goods, (2) work-in-process, and (3) materials, supplies, fuels, etc., were collected.

When using inventory data by stage of fabrication for “all industries” and at the three-digit subsector level, it should be noted that an item treated as a finished product by an establishment in one industry may be reported as a raw material by an establishment in a different industry. For example, the finished-product inventories of a steel mill would be reported as raw materials by a stamping plant. Such differences are present in the inventory figures by stage of fabrication shown for all publication levels.

COST OF MATERIALS

This term refers to direct charges actually paid or payable for items consumed or put into production during the year, including freight charges and other direct charges incurred by the establishment in acquiring these materials. It includes the cost of materials or fuel consumed, whether purchased by the individual establishment from other companies, transferred to it from other establishments of the same company, or withdrawn from inventory during the year.

Included in this item are:

1. Cost of parts, components, containers, etc.—Includes all raw materials, semifinished goods, parts, containers, scrap, and supplies put into production or used as operating supplies and for repair and maintenance during the year.
2. Cost of products bought and sold in the same condition.

3. Cost of fuels consumed for heat and power—Includes the cost of materials or fuel consumed, whether purchased by the individual establishment from other companies, transferred to it from other establishments of the same company, or withdrawn from inventory during the year.
4. Cost of purchased electricity—The cost of purchased electric energy represents the amount actually used during the year for heat and power. In addition, information was collected on the quantity of electric energy generated by the establishment and the quantity of electric energy sold or transferred to other plants of the same company.
5. Cost of contract work—This term applies to work done by others on materials furnished by the manufacturing establishment. The actual cost of the material is to be reported on the cost of materials, parts, and containers line of this item. The term “Contract Work” refers to the fee a company pays to another company to perform a service.

Specific Materials Consumed

In addition to the total cost of materials, which every establishment was required to report, information also was collected for most manufacturing industries on the consumption of major materials used in manufacturing. The inquiries were restricted to those materials which were important parts of the cost of production in a particular industry and for which cost information was available from manufacturers' records. If less than \$25,000 of a listed material was consumed by an establishment, the cost data could be reported in the “Cost of all other materials...,” Census material code 00970099. Also, the cost of materials for small establishments for which administrative records or short forms were used was imputed into the “Materials not specified by kind,” Census materials code 00971000.

Duplication in Cost of Materials and Value of Shipment

The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication since the products of some industries are used as materials by others. This duplication results, in part, from the addition of related industries representing successive

stages in the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the food group and the addition of pulp mills to paper mills in the paper and allied products group of industries. Estimates of the overall extent of this duplication indicate that the value of manufactured products exclusive of such duplication (the value of finished manufactures) tends to approximate two-thirds of the total value of products reported in the survey.

Duplication of products within individual industries is significant within a number of industry groups, e.g., machinery and transportation industries. These industries frequently include complete machinery and their parts. In this case, the parts made for original equipment are materials consumed for assembly plants in the same industry.

Even when no significant amount of duplication is involved, value of shipments figures are deficient as measures of the relative economic importance of individual manufacturing industries or geographic areas because of the wide variation in ratio of materials, labor, and other processing costs of value of shipments, both among industries and within the same industry.

Before 1962, cost of materials and value of shipments were not published for some industries which included considerable duplication. Since then, these data have been published for all industries at the U.S. level and beginning in 1964, for all geographic levels.

COST OF PURCHASED SERVICES

Annual Survey of Manufactures (ASM) establishments were requested to provide information on the cost of purchased services for the repair of buildings and other structures, the repair of machinery, communication services, legal services, accounting and bookkeeping services, advertising, software and other data processing services, and refuse removal. Each of these items reflects the costs paid directly by the establishment and excludes salaries paid to employees of the establishment for these services.

Included in the cost of purchased services for the repair of buildings and machinery are payments made for all maintenance and repair work on buildings and equipment. Payments made to other establishments of the same company and for repair and maintenance of any leased property also are included. Extensive repairs or reconstruction that was capitalized is considered capital expenditures and is, therefore, excluded from this item. Repair and maintenance costs provided by an owner as part of a rental contract or incurred directly by an establishment in using its own work force also are excluded.

Included in the cost of purchased advertising services are payments for printing, media coverage, and other advertising services and materials.

Included in the cost of purchased software and other data processing services are all purchases by the establishment from other companies. Excluded are services provided by other establishments of the same company (such as by a separate data processing unit).

Included in the cost of purchased refuse removal services are all costs of refuse removal services paid by the establishment, including costs for hazardous waste removal or treatment. Excluded are all costs included in rental payments or as capital expenditures.

Response Coverage Ratio

A response coverage ratio is a measure of the extent to which respondents report for an item. The estimate is made by calculating the ratio value of the weighted total employment data for all the ASM establishments that report the item to the weighted total employment data for all ASM establishments classified in an industry (reporters and non-reporters).

DEPRECIATION CHARGES FOR FIXED ASSETS

This item includes depreciation and amortization charged during the year against assets. Depreciation charged against fixed assets acquired since the beginning of the year and against assets sold or retired during the year are components of this category. Respondents were requested to make certain that they did not report accumulated depreciation.

EMPLOYEES

This item includes all full-time and part-time employees on the payrolls of operating manufacturing establishments during any part of the pay period which included the 12th of the months specified on the report form. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Officers of corporations are included as employees; proprietors and partners of unincorporated firms are excluded. The "all employees" number is the average number of production workers plus the number of other employees in mid-March. The number of production workers is the average for the payroll periods including the 12th of March, May, August, and November.

Production Workers

This item includes workers (up through the line-supervisor level) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations at the establishment covered by the report. Employees above the working-supervisor level are excluded from this item.

All Other Employees

This item covers nonproduction employees of the manufacturing establishment including those engaged in factory supervision above the line-supervisor level. It

includes sales (including driver-salespersons), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.), professional, and technical employees. Also included are employees on the payroll of the manufacturing establishment engaged in the construction of major additions or alterations utilized as a separate work force.

FRINGE BENEFITS

Fringe benefits are divided into legally required expenditures and payments for voluntary programs. The legally required portion consists primarily of Federal old age and survivors' insurance, unemployment compensation, and workers' compensation. Payments for voluntary programs include all programs not specifically required by legislation whether they were employer initiated or the result of collective bargaining. They include the employer portion of such plans as insurance premiums, premiums for supplemental accident and sickness insurance, pension plans, supplemental unemployment compensation, welfare plans, stock purchase plans on which the employer payment is not subject to withholding tax, and deferred profit-sharing plans. They exclude such items as company-operated cafeterias, in-plant medical services, free parking lots, discounts on employee purchases, and uniforms and work clothing for employees.

GROSS BOOK VALUE OF DEPRECIABLE ASSETS AT BEGINNING OF YEAR (BOY) AND END OF YEAR (EOY)

Total value of depreciable assets is collected on all census forms. It shows the value of depreciable assets for the beginning of year and end of year. The data encompass all fixed depreciable assets on the books of establishments. The values shown (book value) represent the actual cost of assets at the time they were acquired, including all costs incurred in making the assets usable (such as transportation and installation). Included are all buildings, structures, machinery, and equipment (production, office, and transportation equipment) for which depreciation reserves are maintained. Excluded are nondepreciable capital assets including inventories and intangible assets, such as timber and mineral rights.

The definition of fixed depreciable assets is consistent with the definition of capital expenditures. For example, expenditures include actual capital outlays during the year rather than the final value of equipment put in place and buildings completed during the year. Accordingly, the value of assets at the end of the year includes the value of construction in progress.

In addition, respondents were requested to make certain that assets at the beginning of the year plus capital expenditures, less retirements, equaled assets at the end of the year.

NUMBER OF ESTABLISHMENTS AND COMPANIES

A separate report was required for each manufacturing establishment (plant) with one employee or more. An establishment is defined as a single physical location where manufacturing is performed. A company, on the other hand, is defined as a business organization consisting of one establishment or more under common ownership or control.

If the company operated at different physical locations, even if the individual locations were producing the same line of goods, a separate report was requested for each location. If the company operated in two or more distinct lines of manufacturing at the same location, a separate report was requested for each activity.

An establishment not in operation for any portion of the year was requested to return the report form with the proper notation in the "Operational Status" section of the form. In addition, the establishment was requested to report data on any employees, capital expenditures, inventories, or shipments from inventories during the year.

PAYROLL

This item includes the gross earnings of all employees on the payrolls of operating manufacturing establishments paid in the calendar year. Respondents were told they could follow the definition of payrolls used for calculating the Federal withholding tax. It includes all forms of compensation, such as salaries, wages, commissions, dismissal pay, bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' social security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of corporations; it excludes payments to proprietors or partners of unincorporated concerns. Also excluded are payments to members of Armed Forces and pensioners carried on the active payrolls of manufacturing establishments.

The census definition of payrolls is identical to that recommended to all Federal statistical agencies by the Office of Management and Budget. It should be noted that this definition does not include employers' social security contributions or other nonpayroll labor costs, such as employees' pension plans, group insurance premiums, and workers' compensation.

The ASM provides estimates of employers' total supplemental labor costs (those required by Federal and state laws and those incurred voluntarily or as part of collective bargaining agreements).

PRODUCT CODES AND CLASSES OF PRODUCTS

NAICS United States industries are identified by a six-digit code, in contrast to the four-digit SIC code. The longer code accommodates the large number of sectors and allows more flexibility in designing subsectors. Each

product or service is assigned a ten-digit code. The product coding structure represents an extension by the Census Bureau of the six-digit industry classifications of the manufacturing and mining sectors. The classification system operates so that the industrial coverage is progressively narrower with the successive addition of digits. This is illustrated as follows:

NAICS level	NAICS code	Description
Industry	33461	Manufacturing and reproduction of magnetic and optical media
U.S. industry	334612	Reproduction of software
Product class	3346120	Prerecorded compact disc (except software), tape, and record reproducing
BLS link code	3346120X	
Product code	3346120XXX	

As in previous censuses, data were collected for most industries on the quantity and value of individual products shipped. In the 1997 census program, information was collected on the output of almost 10,000 individual product items.

In the new system, there are about 1,500 product classes (seven-digit codes), about 6,000 census products (ten-digit codes), and an additional 3,700 CIR products (ten-digit codes). The ten-digit products are considered the primary products of the industry with the same first six digits.

The list of products for which separate information was collected was prepared after consultation with industry and government representatives. Comparability with previous figures was given considerable weight in the selection of product categories so that comparable 1992 information is presented for most products.

Typically, both quantity and value of shipments information were collected. However, if quantity was not significant or could not be reported by manufacturers, only value of shipments was collected.

Shipments include both commercial shipments and transfers of products to other plants of the same company. For industries in which a considerable portion of the total shipments is transferred to other plants of the same company, separate information on interplant transfers also was collected. Moreover, for products that are used to a large degree within the same establishment as materials or components in the fabrication of other products, total production and often consumption of the item within the plant (quantity produced and consumed) was collected. Typically, the information on production also was collected for products for which there are significant differences between total production and shipments in a given year because of wide fluctuations in finished goods inventories. Other measures of output of products with long production cycles were used as appropriate and feasible.

PRIMARY PRODUCT CLASS CODE

This file presents selected statistics for establishments according to their degree of specialization in products primary to their industry. This field contains either the six-digit North American Industrial Classification System (NAICS) industry code corresponding to all establishments in the industry, or the seven-digit NAICS product class code for all establishments within the industry that are specialized in a particular product class. Product class specialization is determined by evaluating the ratio of the largest primary product class shipments to total product shipments (primary plus secondary, excluding miscellaneous receipts) for the establishment.

PRODUCTION-WORKER HOURS

This item covers hours worked or paid for at the plant, including actual overtime hours (not straight-time equivalent hours). It excludes hours paid for vacations, holidays, or sick leave.

QUANTITY OF ELECTRIC ENERGY CONSUMED FOR HEAT AND POWER

Data on the cost of purchased electric energy were collected on all census forms. However, data on the quantity of purchased electric energy were collected only on the Annual Survey of Manufactures (ASM) form. In addition, information is collected on the quantity of electric energy generated by the establishment and the quantity of electric energy sold or transferred to other plants of the same company.

RENTAL PAYMENTS

Total rental payments are collected on all census forms. However, the breakdown between rental payments for buildings and other structures and rental payments for machinery and equipment is collected only on the ASM forms. This item includes rental payments for the use of all items for which depreciation reserves would be maintained if they were owned by the establishment, e.g., structures and buildings, and production, office, and transportation equipment. Excluded are royalties and other payments for the use of intangibles and depletable assets and land rents where separable.

When an establishment of a multiestablishment company was charged rent by another part of the same company for the use of assets owned by the company, it was instructed to exclude that cost from rental payments. However, the book value (original cost) of these company-owned assets was to be reported as assets of the establishment at the end of the year.

If there were assets at an establishment rented from another company and the rents were paid centrally by the head office of the establishment, the company was instructed to report these rental payments as if they were paid directly by the establishment.

RETIREMENTS OF DEPRECIABLE ASSETS

Included in this item is the gross value of assets sold, retired, scrapped, destroyed, etc., during the calendar year. When a complete operation or establishment changed ownership, the respondent was instructed to report the value of the assets sold at the original cost as recorded in the books of the seller. The respondent also was requested to report retirements of equipment or structures owned by a parent company that the establishment was using as if it were a tenant.

TOTAL CAPITAL EXPENDITURES (NEW AND USED)

For establishments in operation and any known plants under construction, manufacturers were asked to report their new and used expenditures for (1) permanent additions and major alterations to manufacturing establishments and (2) machinery and equipment used for replacement and additions to plant capacity if they were of the type for which depreciation accounts were ordinarily maintained.

Totals for expenditures include the costs of assets leased from nonmanufacturing concerns through capital leases. New facilities owned by the Federal Government but operated under contract by private companies and plant and equipment furnished to the manufacturer by communities and nonprofit organizations are excluded. Also excluded are expenditures for land and cost of maintenance and repairs charged as current operating expenses.

For any equipment or structure transferred for the use of the reporting establishment by the parent company or one of its subsidiaries, the value at which it was transferred to the establishment was to be reported. If an establishment changed ownership during the year, the cost of the fixed assets (building and equipment) was to be reported.

VALUE ADDED

This measure of manufacturing activity is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments (products manufactured plus receipts for services rendered). The result of this calculation is adjusted by the addition of value added by merchandising operations (i.e., the difference between the sales value and the cost of merchandise sold without further manufacture, processing, or assembly) plus the net change in finished goods and work-in-process between the beginning- and end-of-year inventories.

For those industries where value of production is collected instead of value of shipments, value added is adjusted only for the change in work-in-process inventories between the beginning and end of year. For those

industries where value of work done is collected, the value added does not include an adjustment for the change in finished goods or work-in-process inventories.

“Value added” avoids the duplication in the figure for value of shipments that results from the use of products of some establishments as materials by others. Value added is considered to be the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

VALUE OF SHIPMENTS

This item covers the received or receivable net selling values, f.o.b. plant (exclusive of freight and taxes), of all products shipped, both primary and secondary, as well as all miscellaneous receipts, such as receipts for contract work performed for others, installation and repair, sales of scrap, and sales of products bought and sold without further processing. Included are all items made by or for the establishments from material owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment. The net selling value of products made in one plant on a contract basis from materials owned by another was reported by the plant providing the materials.

In the case of multiunit companies, the manufacturer was requested to report the value of products transferred to other establishments of the same company at full economic or commercial value, including not only the direct cost of production but also a reasonable proportion of “all other costs” (including company overhead) and profit.

In addition to the value for NAICS defined products, aggregates of the following categories of miscellaneous receipts are reported as part of a total establishment’s value of product shipments:

1. Reported contract work—Receipts for work or services that a plant performed for others on their materials.
2. Value of resales—Sales of products brought and sold without further manufacture, processing, or assembly.
3. Other miscellaneous receipts—Such as repair work, installation, sales of scrap, etc.

Industry primary product value of shipments represents one of the three components of value of shipments. These components are:

1. Primary products value of shipments.
2. Secondary product value of shipments.
3. Total miscellaneous receipts.

Primary product shipments is used in the calculations of industry specialization ratio and industry coverage ratio. The term “Value of primary products shipments made in this industry” is used in this publication and refers to the same data.

Duplication in Cost of Materials and Value of Shipment

The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication since the products of some industries are used as materials by others. This duplication results, in part, from the addition of related industries representing successive stages in the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the food group and the addition of pulp mills to paper mills in the paper and allied products group of industries. Estimates of the overall extent of this duplication indicate that the value of manufactured products exclusive of such duplication (the value of finished manufactures) tends to approximate two-thirds of the total value of products reported in the annual survey.

Duplication of products within individual industries is significant within a number of industry groups, e.g., machinery and transportation industries. These industries frequently include complete machinery and their parts. In this case, the parts made for original equipment are materials consumed for assembly plants in the same industry.

Even when no significant amount of duplication is involved, value of shipments figures are deficient as measures of the relative economic importance of individual manufacturing industries or geographic areas because of the wide variation in ratio of materials, labor, and other processing costs of value of shipments, both among industries and within the same industry.

Before 1962, cost of materials and value of shipments were not published for some industries which included considerable duplication. Since then, these data have been published for all industries at the U.S. level and beginning in 1964, for all geographic levels.

Specialization and Coverage Ratios

These items are not collected on the report forms but are derived from the data shown in Table 3. An establishment is classified in a particular industry if its shipments of primary products of that industry exceed in value its shipments of the products of any other single industry.

An establishment's shipments include those products assigned to an industry (primary products), those considered primary to other industries (secondary products), and receipts for miscellaneous activities (merchandising, contract work, resales, etc.). Specialization and coverage ratios have been developed to measure the relationship of primary product shipments to the data on shipments for the industry shown in Tables 1a through 5 and data on product shipments shown in Tables 6a and 6b.

Specialization ratio represents the ratio of primary product shipments to total product shipments (primary and secondary, excluding miscellaneous receipts) for the establishments classified in the industry.

Coverage ratio represents the ratio of primary products shipped by the establishments classified in the industry to the total shipments of such products that are shipped by all manufacturing establishments wherever classified.

Appendix B.

NAICS Codes, Titles, and Descriptions

337215 SHOWCASE, PARTITION, SHELVING, AND LOCKER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wood and nonwood office and store fixtures, shelving, lockers, frames, partitions, and related fabricated products of wood and nonwood materials, including plastics laminated fixture tops. The products are made on a stock basis and may be assembled or unassembled (i.e., knockdown). Establishments exclusively making furniture parts (e.g., frames) are included in this industry.

The data published with NAICS code 337215 include the following SIC industries:

- 2426 Hardwood dimension and flooring mills (pt)
- 2541 Wood partitions and fixtures (pt)

- 2542 Partitions and fixtures, except wood
- 3499 Fabricated metal products, n.e.c. (pt)

This definition comes from the 1997 NAICS Manual. However, for this industry, the 1997 Economic Census – Manufacturing did not fully implement the conversion to NAICS. Data for NAICS industry 337215 include establishments primarily engaged in manufacturing wood or nonwood lunchroom tables and chairs, but do not include establishments primarily engaged in manufacturing wood or metal box spring frames, finished plastic furniture parts, convertible bed sleeper mechanism or chair glides. The NAICS definitions will be fully implemented with the 2002 Economic Census.

Appendix C.

Coverage and Methodology

MAIL/NONMAIL UNIVERSE

The manufacturing universe includes about 400,000 establishments. This number includes those industries in the North American Industry Classification System (NAICS) definition of manufacturing, but not those industries leaving the manufacturing sector in the classification change. The amounts of information requested from manufacturing establishments were dependent upon a number of factors. The more important considerations were the size of the company and whether it was included in the annual survey of manufactures (ASM). The methods of obtaining information for the various subsets of the universe to arrive at the aggregate figures shown in the publication are described below:

1. Small single-establishment companies not sent a report form.

Approximately 40 percent of the manufacturing establishments were small single-establishment companies that were excused from filing a census report. Selection of these establishments was based on two factors: annual payroll and our ability to assign the correct six-digit NAICS industry classification to the establishment. For each four-digit Standard Industrial Classification (SIC) industry code, an annual payroll cutoff was determined. These cutoffs were derived so that the establishments with payroll less than the cutoff were expected to account for no more than 3 percent of the value of shipments for the industry. Generally, all single-establishment companies with less than 5 employees were excused, while all establishments with more than 20 employees were mailed forms. Establishments below the cutoff that could not be directly assigned a six-digit NAICS code were mailed a classification report which requested information for assigning NAICS industry codes. Establishments below the cutoff that could be directly assigned a six-digit NAICS code were excused from filing any report. For below cutoff establishments, information on the physical location, payroll, and receipts was obtained from the administrative records of other Federal agencies under special arrangements that safeguarded their confidentiality.

Estimates of data for these small establishments were developed using industry averages in conjunction with the administrative information. The value of shipments and cost of materials were not distributed among specific products and materials for these

establishments but were included in the product and material “not specified by kind” (nsc) categories.

The industry classification codes included in the administrative-record files were assigned on the basis of brief descriptions of the general activity of the establishment. As a result, an indeterminate number of establishments were erroneously coded to a four-digit SIC industry and then erroneously re-coded to a six-digit NAICS industry. This was especially true whenever there was a relatively fine line of demarcation between industries or between manufacturing and nonmanufacturing activity.

Sometimes the administrative-record cases had only two- or three-digit SIC group classification codes available in the files. For the 1997 Economic Census – Manufacturing, these establishments were sent a separate classification form, which requested information on the products and services of the establishment. This form was used to code many of these establishments to the appropriate six-digit NAICS level. Establishments that did not return the classification form were coded later to those six-digit NAICS industries identified as “All other” industries within the given subsector.

As a result of these situations, a number of small establishments may have been misclassified by industry. However, such possible misclassification has no significant effect on the statistics other than on the number of companies and establishments.

The total establishment count for individual industries should be viewed as an approximation rather than a precise measurement. The counts for establishments with 20 employees or more are far more reliable than the count of total number of establishments.

2. Establishments sent a report form.

The establishments covered in the mail canvass were divided into three groups:

- a. ASM sample establishments.

This group accounts for approximately 15 percent of all manufacturing establishments. The ASM panel covers all the units of large manufacturing establishments as well as a sample of the medium and smaller establishments. The probability of selection was proportionate to size. For more information, see the Description of the ASM Survey Sample.

In an economic census year, the ASM report form (MA-1000) replaces the first page of the regular census form for those establishments included in the ASM. In addition to information on employment, payroll, and other items normally requested on the regular census form, establishments in the ASM sample were requested to supply additional information on gross book value of assets and capital expenditures. ASM establishments were also requested to provide information on retirements, depreciation, rental payments, and supplemental labor costs. For establishments not included in the ASM, these additional items were estimated using relationships observed in the ASM establishment data. The census statistics for these variables are a sum of the ASM establishment data and the estimated data for non-ASM establishments. ASM establishments were also requested to provide information for selected purchased services. The census statistics for the purchased service items were derived solely from the ASM establishments. See Appendix A, Explanation of Terms for an explanation of these items. The census part of the report form is 1 of 220 versions containing product, material, and special inquiries. The diversity of manufacturing activities necessitated the use of this many forms to canvass the 480 manufacturing industries. Each form was developed for a group of related industries.

Appearing on each form was a list of products primary to the group of related industries as well as secondary products and miscellaneous services that establishments classified in these industries were likely to perform. Respondents were requested to identify the products, the value of each product, and, in many cases, the quantity of the product shipped during the survey year. Space also was provided for the respondent to describe products not specifically identified on the form.

The report form also contained a materials-consumed inquiry which varied from form to form depending on the industries being canvassed. The respondents were asked to review a list of materials generally used in their production processes. From this list, each establishment was requested to identify those materials consumed during the survey year, the cost of each, and, in certain cases, the quantity consumed. Once again, space was provided for the respondent to describe significant materials not identified on the form.

A wide variety of special inquiries was included to measure activities peculiar to a given industry, such as operations performed and equipment used.

b. Large and medium establishments (non-ASM).

Approximately 30 percent of all manufacturing establishments were included in this group. A variable cutoff, based on administrative-record payroll data and determined on an industry-by-industry basis, was used to select those establishments that were to receive 1 of the 220 economic census – manufacturing regular forms. The first page, requesting establishment data for items such as employment and payroll, was standard but did not contain the detailed statistics included on the ASM form. The product, material, and special inquiry sections supplied were based on the historical industry classification of the establishment.

c. Small single-establishment companies (non-ASM).

This group includes approximately 15 percent of all manufacturing establishments. For those industries where application of the variable cutoff for administrative-record cases resulted in a large number of small establishments being included in the mail canvass, an abbreviated or short form was used. These establishments received 1 of the 31 versions of the short form, which requested summary product and material data and totals but no details on employment, payroll, cost of materials, inventories, and capital expenditures.

Use of the short form has no adverse effect on published totals for the industry statistics because the same data were collected on the short form as on the long form. However, detailed information on products and materials consumed was not collected on the short form; thus, its use would increase the value of the nsk categories.

INDUSTRY CLASSIFICATION OF ESTABLISHMENTS

Each of the establishments covered in the 1997 Economic Census – Manufacturing was classified in 1 of 480 industries (473 manufacturing industries and 7 former manufacturing industries) in accordance with the industry definitions in the 1997 NAICS Manual. This is the first edition of the NAICS Manual and it is a major change from the 1987 SIC Manual that was used previously. Appendix A of the 1997 NAICS Manual notes the comparability between the 1987 SIC and 1997 NAICS classification systems. When applicable, Appendix G of this report shows the product class and product comparability between the two systems for data in this report.

In the NAICS system, an industry is generally defined as a group of establishments that have similar production processes. To the extent practical, the system uses supply-based or production-oriented concepts in defining industries. The resulting group of establishments must be significant in terms of number, value added by manufacture, value of shipments, and number of employees.

The coding system works in such a way that the definitions progressively become narrower with successive additions of numerical digits. In the manufacturing sector for 1997, there are 21 subsectors (three-digit NAICS), 86 industry groups (four-digit NAICS), 184 NAICS industries (five-digit NAICS) that are comparable with Canadian and Mexican classification, and 473 U.S. industries (six-digit NAICS). This represents an expansion of the four-digit SIC-based U.S. industries from 459 in 1987. Product classes and products of the manufacturing industries have been assigned codes based on the industry from which they originate. In the new system, there are about 1,500 product classes (seven-digit codes), about 6,000 census products, and an additional 3,700 CIR products (ten-digit codes). The ten-digit products are considered the primary products of the industry with the same first six digits. These counts do not include the seven former manufacturing industries that are included in the 1997 Economic Census – Manufacturing.

For the 1997 Economic Census – Manufacturing, all establishments were classified in particular industries based on the products they produced. If an establishment made products of more than one industry, it was classified in the industry with the largest product value. For 1997, there were no “resistance rules” or “frozen industries.”

In ASM years, establishments included in the ASM sample with certainty weights are reclassified by industry only if the change in the primary activity from the prior year is significant or if the change has occurred for 2 successive years. This procedure prevents reclassification when there are minor shifts in product mix.

In ASM years, establishments included in the ASM sample with noncertainty weight are not shifted from one industry classification to another. They are retained in the industry where they were classified in the base census year. However, in the following census year, these ASM plants are allowed to shift from one industry to another.

The results of these rules covering the switching of plants from one industry classification to another are that some industries comprise different mixes of establishments in different survey years. Hence, comparisons between prior-year and current-year published totals, particularly at the six-digit NAICS level, should be viewed with caution. This is particularly true for the comparison between the data shown for a census year versus the data shown for the previous ASM year.

As previously noted, the small establishments that may have been misclassified by industry are usually administrative-record cases whose industry codes were assigned on the basis of incomplete descriptions of the general activity of the establishment. Such possible misclassifications have no significant effect on the statistics other than on the number of companies and establishments.

Establishments frequently make products classified both in their industry (primary products) and other industries (secondary products). Industry statistics (employment, payroll, value added by manufacture, value of shipments, etc.) reflect the activities of the establishments which may make both primary and secondary products. Product statistics, however, represent the output of all establishments without regard for the classification of the producing establishment. For this reason, when relating the industry statistics, especially the value of shipments, to the product statistics, the composition of the industry’s output should be considered.

The extent to which industry and product statistics may be matched with each other is measured by the primary product specialization ratio and the coverage ratio. The primary product specialization ratio is the proportion of industry shipments accounted for by the primary products of establishments classified in the industry. The coverage ratio is the proportion of product shipments accounted for by establishments classified in the industry.

ESTABLISHMENT BASIS OF REPORTING

The economic census – manufacturing is conducted on an establishment basis. A company operating at more than one location is required to file a separate report for each location or establishment. The ASM also is conducted on an establishment basis, but separate reports are filed for just those establishments selected in the sample. Companies engaged in distinctly different lines of activity at one location are requested to submit separate reports if the plant records permit such a separation and if the activities are substantial in size.

In 1997, as in earlier years, a minimum size limit was set for inclusion of establishments in the census. All establishments employing one person or more at any time during the census year are included. The same size limitation has applied since 1947 in censuses and annual surveys of manufactures. In the 1939 and earlier censuses, establishments with less than \$5,000 value of products were excluded. The change in the minimum size limit in 1947 does not appreciably affect the historical comparability of the census figures except for data on number of establishments for a few industries.

The 1997 Economic Census – Manufacturing excludes data for central administrative offices (CAOs). These would include separately operated administrative offices, warehouses, garages, and other auxiliary units that service manufacturing establishments of the same company. These data are published in a separate report series.

DESCRIPTION OF THE ASM SURVEY SAMPLE

The annual survey of manufactures (ASM) sample is drawn for the second survey year after a census. The most recent sample was drawn for the 1994 survey year based on the 1992 Census of Manufactures. This sample will be in place through the 1998 ASM.

In 1992, there were approximately 370,000 individual manufacturing establishments. For sample efficiency and cost considerations, the 1992 manufacturing population was partitioned into two components for developing estimates within the ASM; a mail stratum and a nonmail stratum.

Mail stratum. The mail stratum of the survey is comprised of larger single-location manufacturing companies and all manufacturing establishments of multiunit companies (companies that operate at more than one physical location). Approximately 230,000 of the 370,000 establishments in the 1992 census were assigned to the mail stratum. On an annual basis, the mail stratum is supplemented with larger, newly active single-location companies identified from a list provided by the Internal Revenue Service (IRS) and new manufacturing locations of multiunit companies identified from the Census Bureau's Company Organization Survey (COS).

For the 1994 survey, a new sample of approximately 58,000 individual establishments was selected from the mail stratum assembled from the 1992 census. Supplemental samples representing both 1993 and 1994 births (newly active establishments that were not included in the 1992 census) were also selected. Establishments selected for the sample are mailed an ASM survey questionnaire for each year through 1998.

The 1994-98 ASM sample design is similar to the one used since 1984. Companies in the 1992 Census of Manufactures with manufacturing shipments of at least \$500 million were defined as company certainties. For these large companies, each manufacturing establishment is included in the mail sample. For the 1994-98 sample, there are approximately 650 certainty companies collectively accounting for over 18,000 establishments.

For the remaining portion of the mail component of the survey, the establishment was defined as the sample unit. All establishments with 250 employees or more were defined as employment certainties. In addition, all establishments producing products in SIC 3571 (Electronic Computers) were defined as certainties. Across these three arbitrary certainty classes, there were approximately 25,000 establishments included in the sample with certainty. Collectively, these certainty establishments accounted for approximately 80 percent of the total value of shipments in the 1992 Census of Manufactures.

Smaller establishments in the remaining portion of the mail stratum were sampled with probabilities ranging from .02 to 1.00. The initial probabilities of selection assigned to these establishments were proportionate to a measure-of-size determined for each establishment. The measure-of-size was a function of the establishment's 1992 industry classification, its 1992 product class data, and the historical variability of the year-to-year estimates of the product class estimates. For each product class (1,755) and four-digit industry (459), a desired reliability

constraint was specified. Using a technique developed by Dr. James R. Chromy of the Research Triangle Institute, the initial establishment probabilities were optimized such that the expected sample satisfied all industry and product class reliability constraints while the sample size was minimized. This technique reduces the likelihood of selecting nonrepresentative samples for individual product classes or industries.

This method of assigning probabilities based on product class shipments is motivated by our primary desire to produce reliable estimates of both product class and industry shipments. The high correlation between shipments and employment, value-added, and other general statistics assures that these variables will also be well represented by the sample. The actual sample selection procedure uses an independent chance of selection method (Poisson sampling) which permits us to prevent small establishments from being selected in consecutive samples without introducing a bias into the survey estimates.

Nonmail component. The initial nonmail component of the survey was comprised of approximately 140,000 small, single-establishment companies that were tabulated as administrative records in the 1992 Census of Manufactures. The nonmail stratum is also supplemented annually using the list of newly active single-location companies provided by the Internal Revenue Service (IRS) and payroll cutoffs. Companies with payroll below the payroll cutoff are added to the nonmail stratum. For this portion of the population, sampling is not used. The data for this group are estimated based on selected information obtained annually from the administrative records of the IRS and Social Security Administration (SSA). This administrative information, which includes payroll, total employment, industry classification, and physical location, is obtained under conditions which safeguard the confidentiality of both tax and census records.

DESCRIPTION OF THE ASM ESTIMATING PROCEDURE

Most of the ASM estimates derived for the mail stratum are computed using a difference estimator. At the establishment level, there is a strong correlation between the current-year data values and the corresponding 1992 (base) data values. Therefore, within the mailed stratum, for each item at each level of aggregation, an estimate of the "difference" between the current year and the base year is computed from sample cases and added to the corresponding base-year values. For the 1993-1997 ASM estimates, the 1992 Census of Manufactures values serve as the base year. For the 1998 ASM, the base will be updated to be the 1997 Economic Census – Manufacturing.

Due to the positive year-to-year correlation, estimates derived using this methodology are generally more reliable than comparable estimates developed from the current sample data alone. Estimates for the capital expenditures variables are not generated using the difference

estimator because the year-to-year correlations are considerably weaker. The standard linear estimator is used for these variables.

For the nonmail stratum, estimates for payroll and employment are directly tabulated from the administrative-record data provided by IRS and SSA. Estimates of data other than payroll and employment are developed from industry averages. Although the nonmail stratum contains approximately 170,000 individual establishments in 1994, it accounts for less than 2 percent of the estimate for total value of shipments at the total manufacturing level.

Corresponding estimates for the mail and nonmail components are combined to produce the estimates included in this publication.

QUALIFICATIONS OF THE ASM DATA

The estimates developed from the sample are apt to differ somewhat from the results of a survey covering all companies in the sample lists but otherwise conducted under essentially the same conditions as the actual sample survey. The estimates of the magnitude of the sampling errors (the difference between the estimates obtained and the results theoretically obtained from a comparable, complete-coverage survey) are provided by the standard errors of estimates.

The particular sample selected for the ASM is one of many similar probability samples that, by chance, might have been selected under the same specifications. Each of the possible samples would yield somewhat different sets of results, and the standard errors are measures of the variation of all the possible sample estimates around the theoretically comparable, complete-coverage values.

Estimates of the standard errors have been computed from the sample data for selected ASM statistics in this report. They are represented in the form of relative standard errors (the standard errors divided by the estimated values to which they refer).

In conjunction with its associated estimate, the relative standard error may be used to define confidence intervals (ranges that would include the comparable, complete-coverage value for specified percentages of all the possible samples).

The complete-coverage value would be included in the range:

From one standard error below to one standard error above the derived estimate for about two-thirds of all possible samples.

From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.

From three standard errors below to three standard errors above the derived estimate for nearly all samples.

An inference that the comparable, complete-survey result would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining the confidence that the estimates from a particular sample would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

For example, suppose an estimated total is shown at 50,000 with an associated relative standard error of 2 percent, that is, a standard error of 1,000 (2 percent of 50,000). There is approximately 67 percent confidence that the interval 49,000 to 51,000 includes the complete-coverage total, about 95 percent confidence that the interval 48,000 to 52,000 includes the complete-coverage total, and almost certain confidence that the interval 47,000 to 53,000 includes the complete-coverage total.

In addition to the sample errors, the estimates are subject to various response and operational errors: errors of collection, reporting, coding, transcription, imputation for nonresponse, etc. These operational errors also would occur if a complete canvass were to be conducted under the same conditions as the survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected during the Census Bureau's review of the data for reasonableness and consistency. The small operational errors usually remain. To some extent, they are compensating in the aggregated totals shown. When important operational errors were detected too late to correct the estimates, the data were suppressed or were specifically qualified in the tables.

As derived, the estimated standard errors included part of the effect of the operational errors. The total errors, which depend upon the joint effect of the sampling and operational errors, are usually of the order of size indicated by the standard error, or moderately higher. However, for particular estimates, the total error may considerably exceed the standard errors shown. Any figures shown in the tables in this publication having an associated standard error exceeding 15 percent may be combined with higher level totals, creating a broader aggregate, which then may be of acceptable reliability.

DATA FROM THE CURRENT INDUSTRIAL REPORTS (CIR)

The CIR program provides product statistics for selected manufacturing industries at the U.S. level annually and, in some cases, monthly and/or quarterly. When detail product data are collected in the CIR, they are not also collected in the census. However, the annual CIR data are included in the census Product Summary report.

The CIR program uses a unified data collection, processing, and publication system. The Census Bureau updates the survey panels for most reports annually and reconciles the estimates to the results of the broader-based annual survey of manufactures and the economic

census – manufacturing. The economic census – manufacturing provides a complete list of all producers of the products covered by the CIR program and serves as the primary source for CIR sampling. Where a small number of producers exist, CIR surveys cover all known producers of a product. However, when the number of producers is large, cutoff and random sampling techniques are used. Surveys are continually reviewed and modified to provide the most up-to-date information on products produced. While the CIR program includes both mandatory and voluntary surveys, the annual data are mandatory.

DUPLICATION IN COST OF MATERIALS AND VALUE OF SHIPMENTS

Data for cost of materials and value of shipments include varying amounts of duplication, especially at higher levels of aggregation. This is because the products of one establishment may be the materials of another. The value added statistics avoid this duplication and are, for most purposes, the best measure for comparing the relative economic importance of industries and geographic areas.

VALUE OF INDUSTRY SHIPMENTS COMPARED WITH VALUE OF PRODUCT SHIPMENTS

The 1997 Economic Census – Manufacturing shows value of shipments data for industries and products. In the industry statistics tables and files, these data represent the total value of shipments of all establishments classified in a particular industry. The data include the shipments of the products classified in the industry (primary to the industry), products classified in other industries (secondary to the industry), and miscellaneous receipts (repair work, sale of scrap, research and development, installation receipts, and resales). Value of product shipments shown in the products statistics tables and files represent the total value of all products shipped that are classified as primary to an industry regardless of the classification of the producing establishment.

Appendix D. Geographic Notes

Not applicable for this report.

Appendix E. Metropolitan Areas

Not applicable for this report.

Appendix F. Footnotes for Products Statistics and Materials Consumed by Kind

Not applicable for this report.

Appendix G. Comparability of Product Classes and Product Codes: 1997 to 1992

1997 published	1997 collected	1992 published	1997 published	1997 collected	1992 published	1997 published	1997 collected	1992 published
3371101	24341	24341	3371227411	2511533	2511533	3371277	25992	25992
3371101111	2434111	2434111	3371227421	2511541	2511541	3371277111	2599231	2599231
3371101121	2434113	2434113	3371227431	2511561	2511561	3371277121	2599233	2599233
3371101YVW	2434100	2434100	3371227491	2511598	2511598	3371277131	2599236	2599236
3371104	24342	24342	3371227YVW	2511500	2511500	3371277141	2599247	2599247
3371104111	2434212	2434212	337122A	25116	25116	3371277191	2599248	2599248
3371104121	2434214	2434214	337122A111	2511611	2511611	3371277YVW	2599200	2599200
3371104YVW	2434200	2434200	337122A121	2511621	2511621	337127A pt	25994	25994
3371107	24343	24343	337122A131	2511631	2511631	337127A pt	39524 pt	39524 pt
3371107111	2434316	2434316	337122A141	2511698	2511698	337127A211	2599451	2599451
3371107121	2434318	2434318	337122AYVW	2511600	2511600	337127A221	3952411	3952413 pt
3371107YVW	2434300	2434300	337122E	25117	25117	337127A231	3952412	3952413 pt
337110A	25412 pt	25412 pt	337122E111	2511725	2511725	337127A241	3952413	3952413 pt
337110A111	2541211	2541200 pt	337122E121	2511748	2511748	337127A291	2599497	2599497
337110A121	2541212	2541200 pt	337122E131	2511763	2511763	337127AYVW pt	2599400	2599400
337110AYVW	2541200 pt	2541200 pt	337122E141	2511765	2511765	337127AYVW pt	3952400 pt	3952400 pt
337110E	25412 pt	25412 pt	337122E151	2511767	2511767	337127W pt	25310 pt	25310 pt
337110E111	2541213	2541200 pt	337122E161	2511775	2511775	337127W pt	25990 pt	25990 pt
337110E121	2541214	2541200 pt	337122E171	2511777	2511779 pt	337127W pt	39520 pt	39520 pt
337110EYVW	2541200 pt	2541200 pt	337122E181	2511781	2511779 pt	337127WYVW pt	2531000 pt	2531000 pt
337110H	57121 pt	57120 pt	337122E191	2511783	2511779 pt	337127WYVW pt	2599000 pt	2599000 pt
337110H100	5712141	5712000 pt	337122EYVW	2511700	2511700	337127WYVW pt	3952000 pt	3952000 pt
337110W pt	24340	24340	337122W pt	25110	25110	337127WYVW pt	3999000 pt	3999000 pt
337110W pt	25410 pt	25410 pt	337122WYVW pt	57120 pt	57120 pt	337127WYVW pt	2531000 pt	2531000 pt
337110W pt	57120 pt	57120 pt	337122WYVW pt	2511000	2511000	337127WYVW pt	2599000 pt	2599000 pt
337110WYVW pt	2434000	2434000	337122WYVW pt	5712000 pt	5712000 pt	337127WYVW pt	3952000 pt	3952000 pt
337110WYVW pt	2541000 pt	2541000 pt	337122WYVW pt	2511002	2511002	337127WYVW pt	3999000 pt	3999000 pt
337110WYVW pt	5712000 pt	5712000 pt	337122WYVW pt	5712002 pt	5712000 pt	337127WYVW pt	2531002 pt	2531002 pt
337110WYVW pt	2434002	2434002	33712241	25145	25145	337127WYVW pt	2599002 pt	2599002 pt
337110WYVW pt	5712002 pt	5712002 pt	3371224111	2514512	2514512	337127WYVW pt	3952002 pt	3952002 pt
337110WYVW pt	2541002 pt	2541002 pt	33712241121	2514513	2514513	337127WYVW pt	3999002 pt	3999002 pt
337110WYVW pt	5712002 pt	5712000 pt	33712241131	2514515	2514515	3371290	25170	25170
3371211	25120 pt	25120 pt	33712241141	2514517	2514517	3371290111	2517015	2517015
3371211 pt	57121 pt	57120 pt	33712241151	2514521	2514521	3371290211	2517018	2517018
3371211111	2512012	2512012	33712241161	2514527	2514527	3371290221	2517021	2517021
3371211211	2512041	2512041	33712241171	2514527	2514527	3371290YVW	2517000	2517000
3371211311	2512045	2512045	33712241177	2514597	2514597	3371290YVW	2517002	2517002
3371211411	2512054	2512054	33712241YVW	2514500	2514500	3372111	25212	25210 pt
3371211511	2512031	2512031	33712244	25146	25146	3372111111	2521211	2521000 pt
3371211521	2512035	2512035	33712244111	2514612	2514612	3372111121	2521213	2521000 pt
3371211531 pt	2512098	2512098	33712244121	2514614	2514614	3372111131	2521214	2521000 pt
3371211531 pt	5712121	5712000 pt	33712244221	2514622	2514622	3372111141	2521217	2521000 pt
3371211YVW pt	2512000 pt	2512000 pt	33712244231	2514624	2514624	3372111151	2521219	2521000 pt
3371211YVW pt	5712100 pt	5712000 pt	33712244241	2514698	2514698	3372111161	2521221	2521000 pt
3371214	25155	25155	33712244YVW	2514600	2514600	3372111YVW	2521200	2521000 pt
3371214100	2515500	2515500	3371247	25147	25147	3372114	25213	25210 pt
337121W pt	25120 pt	25120 pt	3371247111	2514733	2514733	3372114111	2521311	2521000 pt
337121W pt	25150 pt	25150 pt	3371247121	2514737	2514737	3372114121	2521313	2521000 pt
337121W pt	57120 pt	57120 pt	3371247211	2514775	2514775	3372114YVW	2521300	2521000 pt
337121WYVW pt	2512000 pt	2512000 pt	3371247221	2514782	2514782	3372117	25214	25210 pt
337121WYVW pt	2515000 pt	2515000 pt	3371247231	2514783	2514783	3372117111	2521411	2521000 pt
337121WYVW pt	5712000 pt	5712000 pt	3371247241	2514788	2514788	3372117211	2521413	2521000 pt
337121WYVW pt	2512002	2512002	3371247291 pt	2514789 pt	2514771	3372117311	2521415	2521000 pt
337121WYVW pt	2515002 pt	2515002 pt	3371247YVW	2514789 pt	2514798	3372117321	2521417	2521000 pt
337121WYVW pt	5712002 pt	5712000 pt	337124W	2514700	2514700	3372117331	2521419	2521000 pt
337121WYVW pt	2515002 pt	2515002 pt	337124WYVW	2514000	2514000	3372117341	2521425	2521000 pt
337121WYVW pt	5712002 pt	5712000 pt	337124WYVW	2514002	2514002	3372117351	2521427	2521000 pt
3371221 pt	25112	25112	3371250	25190	25190	3372117361	2521429	2521000 pt
3371221 pt	57121 pt	57120 pt	3371250111	2519011	2519011	3372117YVW	2521400	2521000 pt
3371221111	2511241	2511241	3371250211	2519033	2519033	337211A	25217	25210 pt
3371221211	2511219	2511219	3371250221	2519035	2519035	337211A111	2521711	2521000 pt
3371221221	2511251	2511251	3371250311 pt	2519015 pt	2519023	337211A121	2521713	2521000 pt
3371221231	2511271	2511271	3371250311 pt	2519015 pt	2519025	337211A131	2521715	2521000 pt
3371221241	2511281	2511281	3371250321	2519098	2519098	337211A141	2521719	2521000 pt
3371221311	2511233	2511233	3371250YVW	2519000	2519000	337211AYVW	2521700	2521000 pt
3371221321	2511235	2511235	3371271	25311 pt	25311 pt	337211W	25210	25210 pt
3371221391	2511291	2511291	3371271111	2531131	2531131	337211WYVW	3521000	2521000 pt
3371221395 pt	2511298	2511298	3371271121	2531136	2531136	337211WYVW	2521002	2521002
3371221395 pt	5712111	5712000 pt	3371271211	2531137	2531137	3372120 pt	25410 pt	25410 pt
3371221YVW pt	2511200	2511200	3371271221	2531192	2531198 pt	3372120 pt	25417 pt	25411 pt
3371221YVW pt	5712100 pt	5712000 pt	3371271YVW	2531100 pt	2531100 pt	3372120 pt	25417 pt	25413 pt
3371224	25113	25113	3371274 pt	25312 pt	25312 pt	3372120100 pt	2541700 pt	2541111 pt
3371224111	2511311	2511311	3371274 pt	39999 pt	39999 pt	3372120100 pt	2541700 pt	2541121 pt
3371224211	2511331	2511331	3371274111	2531271	2531271	3372120100 pt	2541700 pt	2541131 pt
3371224311	2511351	2511351	3371274121	2531234	2531234	3372120100 pt	2541700 pt	2541200 pt
3371224321	2511371	2511371	3371274131	2531239	2531239	3372120100 pt	2541700 pt	2541332
3371224391	2511391	2511391	3371274141	2531241	2531241	3372120100 pt	2541700 pt	2541333
3371224395	2511399	2511399	3371274151	2531251	2531251	3372120100 pt	2541700 pt	2541334
3371224YVW	2511300	2511300	3371274161	2531255	2531255	3372120100 pt	2541700 pt	2541338 pt
3371227	25115	25115	3371274171	2531257	2531257	3372120100 pt	2541700 pt	2541339 pt
3371227111	2511511	2511511	3371274175	3999912	3999911 pt	3372120100 pt	2541700 pt	2541381 pt
3371227121	2511513	2511513	3371274181	2531259	2531259	3372120100 pt	2541700 pt	2541397 pt
3371227131	2511515	2511515	3371274191	2531261	2531261	3372120YVW pt	2541000 pt	2541000 pt
3371227141	2511517	2511517	3371274195	2531297	2531297	3372120YVW pt	2541700 pt	2541100 pt
3371227211	2511521	2511521	3371274YVW pt	2531200 pt	2531200 pt	3372120YVW pt	2541600 pt	2541300 pt
3371227311	2511535	2511535	3371274YVW pt	3999900 pt	3999900 pt			

1997 published	1997 collected	1992 published	1997 published	1997 collected	1992 published	1997 published	1997 collected	1992 published
3372120YWY	2541002 pt	2541002 pt	3372154161	2541625	2541361 pt	337215W pt	34990 pt	34990 pt
3372141	25221	25221	3372154171	2541629	2541381 pt	337215WYWWW pt...	2426000 pt	2426000 pt
3372141111	2522111	2522100 pt	3372154181	2541631	2541397 pt	337215WYWWW pt...	2541000 pt	2541000 pt
3372141121	2522113	2522100 pt	3372154YVW	2541600 pt	2541300 pt	337215WYWWW pt...	2542000	2542000
3372141211	2522114	2522100 pt	3372157	25421	25421	337215WYWWW pt...	3499000 pt	3499000 pt
3372141221	2522117	2522100 pt	3372157111	2542113	2542113	337215WYWWW pt...	2426002 pt	2426002 pt
3372141231	2522119	2522100 pt	3372157121	2542117	2542117	337215WYWWW pt...	2541002 pt	2541002 pt
3372141241	2522121	2522100 pt	3372157131	2542119	2542119	337215WYWWW pt...	2542002	2542002
3372141YVW	2522100	2522100 pt	3372157YVW	2542100	2542100	337215WYWWW pt...	3499002 pt	3499002 pt
3372144	25225	25225	337215A	25422	25422	3379101	25151	25151
3372144111	2522511	2522500 pt	337215A111	2542233	2542233	3379101100	2515100	2515100
3372144121	2522513	2522500 pt	337215A211	2542237	2542237	3379104	25152	25152
3372144YVW	2522500	2522500 pt	337215A221	2542241	2542241	3379104111	2515211	2515211
3372147	25226	25226	337215A231	2542251	2542251	3379104121	2515215	2515215
3372147111	2522615	2522600 pt	337215AYVW	2542200	2542200	3379104131	2515247	2515247
3372147211	2522617	2522600 pt	337215E	25423	25423	3379104141	2515265	2515265
3372147311	2522619	2522600 pt	337215E111	2542341	2542341	3379104YVW	2515200	2515200
3372147411	2522611	2522600 pt	337215E121	2542343	2542343	3379107	25153	25153
3372147421	2522613	2522600 pt	337215E131	2542345	2542345	3379107111	2515315	2515315
3372147431	2522625	2522600 pt	337215E141	2542347	2542347	3379107121	2515317	2515317
3372147441	2522627	2522600 pt	337215E151	2542349	2542349	3379107131	2515319	2515319
3372147451	2522629	2522600 pt	337215EYVW	2542300	2542300	3379107YVW	2515300	2515300
3372147YVW	2522600	2522600 pt	337215H pt	25424	25424	337910A	25156	25156
337214A	25227	25227	337215H111 pt	34998 pt	34998 pt	337910A111	2515613	2515613
337214A111	2522711	2522700 pt	337215H111 pt	2542461 pt	2542463	337910A121	2515619	2515619
337214A211	2522713	2522700 pt	337215H211 pt	2542461 pt	2542467 pt	337910AYVW	2515600	2515600
337214A221	2522715	2522700 pt	337215H211 pt	2542464 pt	2542465	337910W	25150 pt	25150 pt
337214A231	2522719	2522700 pt	337215H311	2542469	2542469	337910WYWWW	2515000 pt	2515000 pt
337214AYVW	2522700	2522700 pt	337215H321	2542471	2542471	337910WYVW	2515002 pt	2515002 pt
337214W	25220	25220	337215H331	2542499	2542499	3379201	25913	25913
337214WYWWW	2522000	2522000	337215H341	3499896	3499899 pt	3379201111	2591311	2591311
337214WYVW	2522002	2522002	337215H351	3499897	3499899 pt	3379201121	2591313	2591313
3372151	25414	25411 pt	337215HYVW pt	2542400	2542400	3379201131	2591315	2591315
3372151111	2541413	2541111 pt	337215HYVW pt	3499800 pt	3499800 pt	3379201YVW	2591300	2591300
3372151121	2541415	2541121 pt	337215K	24266	24266	3379204	25914	25914
3372151131	2541419	2541131 pt	337215K111	2426611	2426611	3379204111	2591452	2591452
3372151YVW	2541400	2541100 pt	337215K121	2426613	2426613	3379204211	2591458	2591458
3372154	25416	25413 pt	337215KYVW	2426600	2426600	3379204311	2591471	2591471
3372154111 pt	2541611 pt	2541335	337215W pt	24260 pt	24260 pt	3379204YVW	2591400	2591400
3372154111 pt	2541611 pt	2541338 pt	337215W pt	25410 pt	25410 pt	3379207	25915	25915
3372154121 pt	2541613 pt	2541336	337215W pt	25420	25420	3379207111	2591511	2591511
3372154121 pt	2541613 pt	2541338 pt	337215W pt	25410 pt	25410 pt	3379207121	2591517	2591517
3372154131 pt	2541615 pt	2541337	337215W pt	25410 pt	25410 pt	3379207YVW	2591500	2591500
3372154131 pt	2541615 pt	2541338 pt	337215W pt	25410 pt	25410 pt	337920W	25910	25910
3372154141	2541621	2541339 pt	337215W pt	25420	25420	337920WYWWW	2591000	2591000
3372154151	2541623	2541341 pt				337920WYVW	2591002	2591002

