

If not shown, please enter your 11-digit Census File Number from the address label on page 1

Census File Number

Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997

INSTRUCTIONS

1. General – The materials, parts, and supplies listed below are those commonly consumed in the manufacture, processing, or assembly of the products listed in item 18B. Please review the entire list and report separately each item consumed. Leave blank if you do not consume the item. If you use materials, parts, and supplies which are not listed, describe and report them in the "Cost of all other materials . . ." line at the end of this section. If you consumed less than \$25,000 of a listed material, include the value with "Cost of all other materials . . .," Census material code 970099 8.

Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.

If quantities are requested, please use the unit of measure specified.

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

2. Valuation of Materials Consumed – The value of the materials, etc., consumed should be based on the delivered cost; i.e., the amount paid or payable after discounts and including freight and other direct charges incurred in acquiring the materials. Materials received from other plants within your company should be reported at their full economic value (the value assigned by the shipping plant, plus the cost of freight and other handling charges).

If purchases or transfers do not differ significantly from the amounts actually put into production, you may report the cost of purchases or transfers. However, if consumption differs significantly from the amounts purchased or transferred, these amounts should be adjusted for changes in the materials and supplies inventories by adding the beginning inventory to the amount purchased or transferred and subtracting ending inventory.

3. Contract Work – Include as materials consumed those you purchased for use by others making products for you under contract. Amounts paid to the companies doing the contract work should be reported in item 10, line e and should include freight in and out. On the other hand, materials owned by others but used at this establishment in making products for others under contract or on commission should be excluded.

4. Resales – Cost for products bought and sold or transferred from other establishments of your company and sold without further manufacture, processing, or assembly should be reported in item 10, line b not in item 17 below. The value of these products shipped by this establishment should be reported in item 18B under Census product code 99989 00 6, "Resales."

5. Produced and Consumed – Forgings, foundries, and screw machine products – Report the quantities produced and used in manufacturing other products made in this establishment in item 19. Note that the materials used to produce these items should be reported in item 17.

| Line No. | Materials, parts, and supplies (A) | | Census material code (B) | Consumption of purchased materials and of materials received from other establishments of your company | | | | | | | |
|-----------|---|---|--|--|-----------|---------|------------------------------|----------|--|--|--|
| | | | | Cost, including delivery cost (freight-in) (E) | | | | | | | |
| | | | | Millions | Thousands | Dollars | | | | | |
| | | | 571 | 574 | | | | | | | |
| 1 | PUMPS | Hydraulic and pneumatic fluid power pumps, motors, and hydrostatic transmissions | 359412 4 | \$ | | | | | | | |
| 2 | | Other pumps, except hydraulic | 356102 4 | | | | | | | | |
| 3 | FLUID POWER PRODUCTS (Hydraulic and pneumatic) (Except pumps and motors) | Valves | 349271 7 | | | | | | | | |
| 4 | | Hose or tube fittings and assemblies | 349261 8 | | | | | | | | |
| 5 | | Cylinders and rotary actuators | 359301 9 | | | | | | | | |
| 6 | | Filters | 356921 7 | | | | | | | | |
| 7 | | Other fluid power products (except pumps, valves, compressors, hose or tube fittings and assemblies, cylinders and rotary actuators, and filters) | 190089 3 | | | | | | | | |
| 8 | Fabricated metal products (except forgings) | | 340075 1 | | | | | | | | |
| 9 | Forgings | | 346000 3 | | | | | | | | |
| 10 | CASTINGS (Rough and semifinished) | Iron and steel | 332001 7 | | | | | | | | |
| 11 | | Aluminum and aluminum-base alloy | 336005 4 | | | | | | | | |
| 12 | | Other nonferrous | 336003 9 | | | | | | | | |
| 13 | Shapes and Forms (Except castings, forgings, and fabricated metal products) | STEEL | | | | | | | | | |
| 14 | | | | | | | Bars, bar shapes, and plates | 331007 5 | | | |
| 15 | | | | | | | Sheet and strip | 331022 4 | | | |
| 16 | | Other steel shapes and forms | 331034 9 | | | | | | | | |
| 16 | Nonferrous shapes and forms | | 336002 1 | | | | | | | | |

CONTINUE WITH ITEM 17 ON PAGE 6

| Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997 – Continued | | | | | | | |
|--|--|---|----------------------|--|----------|-----------|---------|
| Line No. | Materials, parts, and supplies | | Census material code | Consumption of purchased materials and of materials received from other establishments of your company | | | |
| | | | | Cost, including delivery cost (freight-in) | | | |
| | (A) | | (B) | (E) | | | |
| | | | 571 | 574 | Millions | Thousands | Dollars |
| 17 | ELECTRIC MOTORS AND GENERATORS | Fractional horsepower electric motors (below 1 hp), excluding timing motors | 362115 8 | \$ | | | |
| 18 | | Integral horsepower motors and generators (1 hp or more) | 362120 8 | | | | |
| 19 | BEARINGS (Mounted or unmounted) | Ball | 356218 8 | | | | |
| 20 | | Roller | 356201 4 | | | | |
| 21 | Fabricated plastics products (except gaskets) | | 308006 6 | | | | |
| 22 | Electronic computing equipment and parts | | 357004 1 | | | | |
| 23 | Electrical transmission, distribution, and control equipment, etc. (except numerical controls) | | 360101 0 | | | | |
| 24 | Numerical controls for woodworking machinery and equipment | | 362522 5 | | | | |
| 25 | Paperboard containers, boxes, and corrugated paperboard | | 265001 8 | | | | |
| 26 | Cost of all other materials and components, parts, containers, and supplies consumed <i>Describe the principal materials, etc., included in this value.</i> | | 970099 8 | | | | |
| 27 | TOTAL Sum of lines 1–26 should equal item 10, line a | | | \$ | | | |

Item 18A – Not applicable to this report

CONTINUE WITH ITEM 18B ON PAGE 7

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Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997

INSTRUCTIONS

1. General – The manufactured products and services listed below are generally made in your industry. If you make products that are not listed, describe and report them in the "All other products made in this establishment" section at the end of item 18B. PLEASE DO NOT COMBINE PRODUCT LINES.

If quantities are requested, please use the unit of measure specified.

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

2. Valuation of Products – Report the value of the products shipped and services performed at the net selling value, f.o.b. plant to the customer; i.e., after discounts and allowances, and exclusive of freight charges and excise taxes.

If you transfer products to other establishments within your company, you should assign the full economic value to the transferred products; i.e., include all direct costs of production and a reasonable proportion of all other costs and profits.

3. Contract Work – Report PRODUCTS MADE BY OTHERS FOR YOU FROM YOUR MATERIALS on the specific lines as if they were made in this establishment. On the other hand, do not report on the specific product lines PRODUCTS THAT YOU MADE FROM MATERIALS OWNED BY OTHERS. Report only the amount that you received for "commission or contract receipts" under Census product code 93000 00 8.

4. Resales – Do not report on the specific product lines those PRODUCTS BOUGHT AND SOLD OR TRANSFERRED FROM OTHER ESTABLISHMENTS OF YOUR COMPANY AND SOLD WITHOUT FURTHER MANUFACTURE. Report only a value under Census product code 99989 00 6, "Resales."

5. Detailed Data Reported Elsewhere – Items denoted by an asterisk (*) require totals for groups of products covered in the more frequent Current Industrial Reports (CIR). If you report on the CIR forms, the sum of the detailed CIR products should equal the total reported reported on this census form. For corresponding survey item codes, see paragraph 4, "Comparability," of CIR Instruction Manual.

NOTE: Only CIR totals are requested; do not duplicate detail reported on the CIR.

| Line No. | Products and services (A) | | | Census product code 581 (B) | Unit of measure for quantities (C) | Products shipped and other receipts | | | |
|----------|--|-------------------|--|--|---|-------------------------------------|-------------------------|------------|---------|
| | | | | | | Quantity 583 (D) | Value, f.o.b. plant (E) | | |
| | | | | | | | 584 Millions | Thou-sands | Dollars |
| 1 | Woodworking Machinery (Except machinery designed primarily for home workshops, garages, and service shops) (Excluding chain saws and other power-driven handtools), Including Parts, Attachments, and Accessories (35533) | SAWMILL EQUIPMENT | Saws (head rigs) | Circular | 35533 11 6 | | \$ | | |
| 2 | | | | Band | 35533 13 2 | | | | |
| 3 | | | | Removing bark from logs equipment | | 35533 14 0 | | | |
| 4 | | | | Chipping or splitting wood equipment | | 35533 16 5 | | | |
| 5 | | | | Specialized sawmill materials handling equipment | | 35533 17 3 | | | |
| 6 | | | | Other sawmill equipment | | 35533 18 1 | | | |
| 7 | | | Sawing machines (except sawmill equipment) | | | 35533 19 9 | | | |
| 8 | | | Planing machinery (including single and double planers, facers, jointers, and abrasive planers) | | | 35533 21 5 | | | |
| 9 | | | Sanding machines | | | 35533 23 1 | | | |
| 10 | | | Boring machines | | | 35533 25 6 | | | |
| 11 | | | Mortising and tenoning machines | | | 35533 27 2 | | | |
| 12 | | | Lathes or turning machines | | | 35533 29 8 | | | |
| 13 | | | Routers | | | 35533 33 0 | | | |
| 14 | | | Shapers and profilers | | | 35533 34 8 | | | |
| 15 | | | Assembling, gluing, laminating, and finishing machines | | | 35533 35 5 | | | |
| 16 | | | Multifunction machines | | | 35533 37 1 | | | |
| 17 | | | Bending machines | | | 35533 39 7 | | | |
| 18 | | | Milling or molding (by cutting) machines | | | 35533 41 3 | | | |
| 19 | | | Dryers for woodworking machinery | | | 35533 43 9 | | | |
| 20 | | | Other woodworking machines and equipment | | | 35533 49 6 | | | |
| 21 | | | Parts, attachments, and accessories for woodworking machinery (sold separately), excluding saw blades and cutting tools. (Report woodworking cutting tools, sold separately, on line 46) | | | 35533 87 6 | | | |

Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued

| Line No. | Products and services (A) | | Census product code (B) | Unit of measure for quantities (C) | Products shipped and other receipts | | | | | |
|----------|---|--------------------|--|---|---|-----------------------------------|----------------|---------|--|--|
| | | | | | Quantity (D) | Value, f.o.b. plant (E) | | | | |
| | | | | | | 584 Millions | Thou- sands | Dollars | | |
| 22 | WOOD-WORKING MACHINERY (Designed primarily for home workshops, garages, and service shops) (Excluding chain saws and other power-driven handtools) (35534) | | Saws (including circular and band saws), excluding chain saws | 35534 12 2 | Number | | \$ | | | |
| 23 | | | Planing, milling, or molding (by cutting) machines for home workshops, etc. | 35534 15 5 | | | | | | |
| 24 | | | Grinding, sanding, or polishing machines for home workshops, etc. | 35534 17 1 | | | | | | |
| 25 | | | Drilling or morticing machines for home workshops, etc. | 35534 19 7 | | | | | | |
| 26 | | | Other woodworking machines for home workshops, etc (except power-driven handtools) | 35534 21 3 | | | | | | |
| 27 | | | Parts, attachments, and accessories for woodworking machinery designed primarily for home workshops, etc., (sold separately) (except parts for power-driven handtools; excluding saw blades and cutting tools) (Report woodworking cutting tools, sold separately, on line 46) | 35534 11 4 | | | | | | |
| 28 | CHAIN SAWS (Portable) | | Electric (including battery-powered) | 35465 37 6 | | | | | | |
| 29 | | | Hydraulic | 35462 73 8 | | | | | | |
| 30 | | | Engine (internal combustion) driven | 35463 01 7 | | | | | | |
| 31 | Handsaws, Saw Blades (Hand and Power), and Saw Accessories (34250) | POWER SAW BLADES | Wood-working, including chain saw blades | Circular (solid tooth) | 34250 11 8 | | | | | |
| 32 | | | | | Circular (inserted tooth) | 34250 13 4 | | | | |
| 33 | | | | | Band | 34250 16 7 | | | | |
| 34 | | | | | Teeth for inserted teeth saws, sold separately | 34250 18 3 | | | | |
| 35 | | | | | All other woodworking power saw blades (scroll, jig, etc.) | 34250 19 1 | | | | |
| 36 | | | Metal-working | Circular (including metal teeth and cutting segments sold separately) | 34250 31 6 | | | | | |
| 37 | | | | | Hack (power only) | 34250 35 7 | Thousands | | | |
| 38 | | | | | Band (flexible back, spring temper metal cutting, and high-speed metal cutting) | 34250 36 5 | | | | |
| 39 | | | | | Other metal-working saw blades (saber, reciprocating, etc.) | 34250 39 9 | | | | |
| 40 | | | | | HACKSAW BLADES (hand only) | 34250 43 1 | Thousands | | | |
| 41 | | HAND-OPERATED SAWS | Carpenter crosscuts and rip-saws | | 34250 45 6 | Number | | | | |
| 42 | | | Other handsaws (heavy handsaws, including crosscut and buck, miter, coping, pruning, compass, etc.; including handsaw frames, and handsaw blades sold together or handsaw blades sold separately) | | 34250 49 8 | | | | | |

CONTINUE WITH ITEM 18B ON PAGE 9

If not shown, please enter your 11-digit Census File Number from the address label on page 1

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Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued

| Line No. | Products and services (A) | | Census product code (B) | Unit of measure for quantities (C) | Products shipped and other receipts | | | |
|----------|--|--|--------------------------------|---|-------------------------------------|----------------------------|-----------|---------|
| | | | | | Quantity (D) | Value, f.o.b. plant (E) | | |
| | | | | | | Millions | Thousands | Dollars |
| 43 | METAL CUTTING TYPE MACHINE TOOLS AND PARTS (Sold separately) (Excluding rebuilt machine tools) | Boring machines (excluding machining centers) and drilling machines (excluding machining centers) (corresponds to value of shipments reported on CIR Form MQ35W, Metalworking Machinery, for 1997) (3541D)* | 3541D 00 2 | | | \$ | | |
| 44 | | Grinding and polishing; buffing, honing, and lapping machines (except gear-tooth grinding, lapping, polishing, and buffing machines) (corresponds to value of shipments reported on CIR Form MQ35W, Metalworking Machinery, for 1997) (35414)* | 35414 00 2 | | | | | |
| 45 | | Parts for metal cutting machines tools (sold separately) | 35419 11 8 | | | | | |
| 46 | ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT | <i>Describe and report separately each product with a sales value of \$50,000 or more which cannot be assigned to one of the lines above. Specify unit of measure for quantity. For all remaining products, write "Other" and report a single total value.</i> | | | | | | |
| | | | 18 | | | | | |
| 47 | | | 26 | | | | | |
| 48 | | | 34 | | | | | |
| 49 | | | 42 | | | | | |
| 50 | | | 59 | | | | | |
| 51 | 67 | | | | | | | |
| 52 | CONTRACT WORK | Receipts for work done for others on their own materials. <i>Describe below products worked on and kind of work.</i> | 93000 00 8 | | | | | |
| 53 | MISCELLANEOUS RECEIPTS | Sales of scrap, refuse, and other miscellaneous receipts (including receipts for repair work, etc.) | 99980 00 5 | | | | | |
| 54 | RESALES | Sales of products bought and sold without further manufacture, processing, or assembly in this establishment. The cost of such items should be reported in item 10, line b. | 99989 00 6 | | | | | |
| 55 | TOTAL value of shipments and other receipts Sum of lines 1–54, column (E) | | 77000 00 8 | | | \$ | | |

CONTINUE WITH ITEM 19 ON PAGE 10

Item 19. SELECTED PRODUCTS PRODUCED IN THIS ESTABLISHMENT AND USED IN MANUFACTURING OTHER PRODUCTS MADE IN THIS ESTABLISHMENT

INSTRUCTIONS

- 1. Report below the quantity of each listed item produced in this establishment and used in manufacturing other products made in this establishment.
- 2. Purchases or receipts of the items specified below should be reported only in item 17.
- 3. Materials used to produce the items specified below should be reported in item 17.
- 4. Quantities produced for sale as such and not for incorporation in other products should be reported in item 18B.
- 5. Report quantities in the unit of measure specified in column (D).

| Line No. | Item (A) | Census code (B) | Was this operation performed at this establishment during 1997? (C) | | Unit of measure for quantities (D) | Quantities produced in this establishment and used in manufacturing other products made in this establishment (E) |
|----------|---|-------------------------------|---|----------------------------|--|---|
| | | | 592 | | | |
| | | | Yes | No | | |
| 1 | Ferrous foundries | 1001 7 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | Short tons | |
| 2 | NONFERROUS FOUNDRIES (Except die-casting) | Aluminum | 1002 5 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | ↑ Thousand pounds ↓ |
| 3 | | Copper | 1003 3 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | |
| 4 | | Zinc | 1004 1 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | |
| 5 | | Other | 1005 8 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | |
| 6 | Nonferrous die-casting foundries | 1006 6 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | |
| 7 | Precision turned products (on screw machines, turning centers, and CNC equipment) | 1007 4 | 1 <input type="checkbox"/> | 2 <input type="checkbox"/> | | |

Items 20 and 21 – Not applicable to this report

REMARKS – Please use this space for any explanations that may be essential in understanding your reported data.

Item 22. CERTIFICATION – This report is substantially accurate and has been prepared in accordance with instructions.

| | | | | | | |
|--|-------------|-----------|---|-----------|-----------|------|
| Name of person to contact regarding this report (<i>Print or type</i>) | | Telephone | Area code | Number | Extension | |
| 667 | 1 | 2 | | | | |
| Name of company | | | Address (<i>Number and street, city, State, ZIP Code</i>) | | | |
| Period covered | FROM: Month | Day | Year | TO: Month | Day | Year |
| | 666 | 1 | | 2 | | |
| Signature of authorized person | | | Title | | Date | |