

16 DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES

General - The materials, parts, and supplies listed below are those commonly consumed in the manufacture, processing, or assembly of the products listed in **2**. 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 that are not listed, describe and report them in the "Cost of all other materials . . ." 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 009700 99 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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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.

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 amount 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.

Contract Work - Include all 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 **15**, line A5, 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.

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 **15**, line A2, not in **16**. The value of these products shipped by this establishment should be reported in **2** under Census product code 000999 8900 6, "Resales."

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 DO NOT USE TO REPORT

| 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) | | |
| | | | \$ Bil. | Mil. | Thou. |
| 0634 | | 0630 | 0631 | | |
| 1 | Pumps Hydraulic and pneumatic fluid power pumps, motors, and hydrostatic transmissions | 333996 01 5 | | | |
| 2 | Other pumps, excluding hydraulic | 333911 03 0 | | | |
| 3 | Fluid power products, excluding pumps and motors (hydraulic and pneumatic) Valves | 332912 07 0 | | | |
| 4 | Hose or tube fittings and assemblies | 332912 03 9 | | | |
| 5 | Cylinders and rotary actuators | 333995 01 7 | | | |
| 6 | Filters | 333999 01 9 | | | |
| 7 | Other fluid power products, excluding pumps, compressors, valves, cylinders, rotary actuators, hose or tube fittings and assemblies, and filters | 001900 89 3 | | | |
| 8 | Fabricated metal products, excluding forgings | 332000 57 9 | | | |
| 9 | Forgings | 332100 01 5 | | | |

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If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

16 DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES - 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) | | |
| | | | \$ Bil. | Mil. | Thou. |
| 0634 | | 0630 | 0631 | | |
| 10 | Castings (rough and semifinished) | | | | |
| | Iron and steel | 331510 01 6 | | | |
| 11 | Nonferrous (aluminum, copper, etc.) | 331520 11 4 | | | |
| | Shapes and forms (excluding castings, forgings, and fabricated metal products) | | | | |
| | Steel | | | | |
| 12 | Bars, bar shapes, and plate | 331200 07 1 | | | |
| 13 | Sheet and strip | 331200 17 0 | | | |
| 14 | All other steel shapes and forms | 331200 33 7 | | | |
| 15 | All nonferrous shapes and forms | 331000 AJ 9 | | | |
| 16 | Integral horsepower electric motors and generators (1 hp or more) | 335312 21 1 | | | |
| | Bearings (mounted or unmounted) | | | | |
| 17 | Ball | 332991 05 8 | | | |
| 18 | Roller | 332991 03 3 | | | |
| 19 | Plain bearings and bushings | 333613 01 6 | | | |
| 20 | Speed changers, gears, and industrial high-speed drives | 333612 00 0 | | | |
| 21 | Electrical transmission, distribution, and control equipment | 001900 B1 6 | | | |
| 22 | Fabricated rubber products, excluding tires, tubes, hose, belting, and gaskets | 326000 17 1 | | | |
| 23 | Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↴ | 009700 99 8 | | | |
| 24 | TOTAL (Should equal total reported in 16 , line A1) | 771000 00 7 | | | |

17-21 Not Applicable.

33305095

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

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 **2**. 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.

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.

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 code 000930 0000 8.

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 code 000999 8900 6, "Resales."

| Line No. | Products and services | Census product code | Unit of measure for quantities | Products shipped and other receipts | | | | |
|----------|--|---------------------|--------------------------------|-------------------------------------|---------------------|------|-------|--|
| | | | | Quantity | Value, f.o.b. plant | | | |
| | | | | | \$ Bil. | Mil. | Thou. | |
| 0734 | | 0730 | 0736 | 0732 | 0731 | | | |
| 1 | Paper industries machinery Wood preparation equipment (including debarkers, chippers, knotters, splitters, chipscreens, water-jet bark strippers, etc.) . . . | 333291 1106 7 | | | | | | |
| 2 | Pulp mill machinery Grinders and refiners (TMP) for the manufacture of mechanical pulp | 333291 1111 7 | | | | | | |
| 3 | Deckers, thickeners, wet lap machines, bleaching equipment, pulp screens, washers, and save-alls | 333291 1121 6 | | | | | | |
| 4 | Other pulp mill machinery (<i>Specify kind.</i>) ↴ <div style="background-color: #cccccc; height: 20px; width: 100%;"></div> | 333291 1126 5 | | | | | | |
| 5 | Paper mill machinery Stock preparation equipment: refiners (chip, conical, deflaker, disk, etc.), pulpers, beaters, jordans, etc. | 333291 1131 5 | | | | | | |
| 6 | Paper machines Paper making machines Dryers for paper pulp, paper, or paperboard | 333291 1236 2 | | | | | | |
| 7 | Other paper making machines (including headbox forming area, presses, and reels) | 333291 1241 2 | | | | | | |
| 8 | Coating machines (including equipment for applying sizing or pigment coating to paper) | 333291 1346 9 | | | | | | |

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If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

| Line No. | Products and services | Census product code | Unit of measure for quantities | Products shipped and other receipts | | | | |
|----------|--|---------------------|--------------------------------|-------------------------------------|---------------------|------|-------|--|
| | | | | Quantity | Value, f.o.b. plant | | | |
| | | | | | \$ Bil. | Mil. | Thou. | |
| 0734 | | 0730 | 0736 | 0732 | 0731 | | | |
| 9 | Paper industries machinery - Continued Paper mill machinery - Continued Paper machines - Continued Calendering and similar rolling machines for finishing paper | 333291 1351 9 | | | | | | |
| 10 | Machines for finishing paper (except calendering or similar rolling) (including winders, rewinders, sheeters, wrappers, etc.) | 333291 1456 6 | | | | | | |
| 11 | Other paper machines (Specify kind.) ↴ | 333291 1361 8 | | | | | | |
| 12 | Paper and paperboard converting equipment Cutting machines (except sheeters and winders) | 333291 1566 2 | | | | | | |
| 13 | Machines for making bags, sacks, or envelopes | 333291 1571 2 | | | | | | |
| 14 | Corrugated box making machines | 333291 1576 1 | | | | | | |
| 15 | Machines for making cartons, boxes, cases, tubes, drums, or similar containers, except by molding (excluding corrugated box making machines) | 333291 1581 1 | | | | | | |
| 16 | Other paper and paperboard converting equipment, nec Equipment, nec, for finishing paper or paperboard | 333291 1591 0 | | | | | | |
| 17 | Equipment, nec, for converting paper and paperboard | 333291 1596 9 | | | | | | |
| 18 | Parts and attachments for paper industries machinery (sold separately) Parts and attachments for wood preparation equipment | 333291 3101 6 | | | | | | |
| 19 | Parts and attachments for pulp mill machinery | 333291 3211 3 | | | | | | |
| 20 | Parts and attachments for machines for finishing paper | 333291 3321 0 | | | | | | |
| 21 | Parts and attachments for machines for finishing (except machines for finishing paper) | 333291 3431 7 | | | | | | |
| 22 | Parts and attachments for paper and paperboard converting equipment | 333291 3541 3 | | | | | | |

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| 22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued | | | | | | | |
|---|---|---------------------|--------------------------------|-------------------------------------|---------------------|------|-------|
| Line No. | Products and services | Census product code | Unit of measure for quantities | Products shipped and other receipts | | | |
| | | | | Quantity | Value, f.o.b. plant | | |
| | | | | | \$ Bil. | Mil. | Thou. |
| 0734 | | 0730 | 0736 | 0732 | 0731 | | |
| 23 | Printing presses other than lithographic Flexographic, sheet-fed and roll-fed (web-fed) Presses less than 16 inches | 333293 3101 2 | complete presses ↑ ↓ | | | | |
| 24 | Presses 16 inches or more | 333293 3111 1 | | | | | |
| 25 | Parts, attachments, and accessories for printing presses (sold separately) including flying pasters, dryers, folders, and reels | 333293 9251 9 | | | | | |
| 26 | All other products made in this establishment - Specify and report each product with sales value of \$50,000 or more that cannot be assigned to one of the "listed products and services". For all remaining products, write "Other" and report a single total value. | 18 | | | | | |
| 27 | | 26 | | | | | |
| 28 | | 34 | | | | | |
| 29 | | 42 | | | | | |
| 30 | | 59 | | | | | |
| 31 | | 67 | | | | | |
| 32 | Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴ | 000930 0000 8 | | | | | |
| 33 | Miscellaneous receipts (including receipts for repair work, scrap, refuse, etc.) | 000999 8000 5 | | | | | |
| 34 | Resales - Sales of products bought and sold without further manufacture, processing, or assembly (The cost of such items should be reported in 15, line A2.) | 000999 8900 6 | | | | | |
| 35 | TOTAL (Should equal 4, line A) | 770000 0000 8 | | | | | |

23-27 Not Applicable.

33305129

If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

28 ESTABLISHMENT ACTIVITIES

A. Indicate activities that were performed by this establishment or were performed for this establishment by another company during 2002.
(Mark "X" ALL that apply.)

| This activity was performed - | | | |
|---|--|-------------------------------|-------------------------------|
| By this establishment | By another establishment of this company | By another company | Not at all |
| 0921 <input type="checkbox"/> | 8071 <input type="checkbox"/> | 0941 <input type="checkbox"/> | 0961 <input type="checkbox"/> |
| 1. Product design/engineering | | | |
| 2. Order fulfillment | | | |
| 0923 <input type="checkbox"/> | 8072 <input type="checkbox"/> | 0943 <input type="checkbox"/> | 0963 <input type="checkbox"/> |
| a. Bundling or kitting (combining multiple items into a prepackaged product) | | | |
| 0924 <input type="checkbox"/> | 8073 <input type="checkbox"/> | 0944 <input type="checkbox"/> | 0964 <input type="checkbox"/> |
| b. Pick and pack (taking goods from inventory and packaging them to fill orders). | | | |
| 0925 <input type="checkbox"/> | 8074 <input type="checkbox"/> | 0945 <input type="checkbox"/> | 0965 <input type="checkbox"/> |
| c. Warehousing of finished products | | | |
| 0926 <input type="checkbox"/> | 8075 <input type="checkbox"/> | 0946 <input type="checkbox"/> | 0966 <input type="checkbox"/> |
| d. Breaking bulk (reducing large shipments into smaller portions for customers) | | | |
| 0927 <input type="checkbox"/> | 8076 <input type="checkbox"/> | 0947 <input type="checkbox"/> | 0967 <input type="checkbox"/> |
| e. Local delivery (within a city, town, or other local area, including adjoining towns and suburban areas) | | | |
| 0928 <input type="checkbox"/> | 8077 <input type="checkbox"/> | 0948 <input type="checkbox"/> | 0968 <input type="checkbox"/> |
| f. Long distance delivery (beyond local areas and commercial zones) | | | |
| 0932 <input type="checkbox"/> | 8078 <input type="checkbox"/> | 0952 <input type="checkbox"/> | 0972 <input type="checkbox"/> |
| g. Processing of returned merchandise | | | |

B. During 2002 did this establishment:

- 1. Manage inventory owned by this establishment AND held at this location? 0936 Yes 0937 No
- 2. Manage inventory owned by this establishment BUT held at a customer's location?. 0956 Yes 0957 No
- 3. Manage inventory owned by another company BUT held at this location? 0976 Yes 0977 No
- 4. Manage inventory owned by another company AND held somewhere other than at this location?. 0994 Yes 0995 No
- 5. Contract with another firm for any of your production using materials owned by this location? 8041 Yes 8042 No
- 6. Send any partially completed products to a foreign facility for processing that were then returned to this establishment for completion? 8044 Yes 8045 No
- 7. Manufacture products for a government to their specifications? 8047 Yes 8048 No
- 8. Manufacture products for another business to their specifications? 8016 Yes 8017 No
- 9. Manufacture products for a final retail customer to their specifications? 8060 Yes 8062 No



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29 OPERATIONAL STATUS

Activity that best describes this establishment's status at the end of 2002
(Mark "X" only ONE box.)

| 0011 <input type="checkbox"/> In operation | 0013 <input type="checkbox"/> Temporarily or seasonally inactive | | | | | | | |
|---|--|--|-------|-----|------|--|--|--|
| 0012 <input type="checkbox"/> Under construction, development, or exploration | 0014 <input type="checkbox"/> Ceased operation - Give date at right → | 0018 <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <th>Month</th> <th>Day</th> <th>Year</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table> | Month | Day | Year | | | |
| Month | Day | Year | | | | | | |
| | | | | | | | | |
| | 0015 <input type="checkbox"/> Sold or leased to another operator - Give date at right AND enter new name and mailing address below ↴ | → | | | | | | |

| | | | |
|--|-------------------------------------|---------------|--|
| 0060 Name of new owner or operator | 0061 Employer Identification Number | | |
| | Enter EIN of new owner (9 digits) → | - | |
| 0062 Mailing address (number and street, P.O. Box, etc.) | | | |
| | | | |
| 0063 City, town, village, etc. | 0064 State | 0065 ZIP Code | |
| | | - | |

Remarks (Please use this space for any explanations that may be essential in understanding your reported data.)

30 CERTIFICATION - This report is substantially accurate and was prepared in accordance with the instructions.

| | | | | | | | | |
|--|--|--------------|--------|------------|------------------------|-------------|------|------|
| Is the time period covered by this report a calendar year? | | | | | | | | |
| 0078 <input type="checkbox"/> Yes | 0079 <input type="checkbox"/> No - Enter time period covered → | FROM 0070 | Month | Year | TO 0071 | Month | Year | |
| 0072 Name of person to contact regarding this report | | | | 0073 Title | | | | |
| | | | | | | | | |
| Telephone 0074 | | Area code | Number | | Extension | Fax 0075 | | |
| | | | - | | | - | | |
| 0076 Internet e-mail address | | | | | Date completed 0069 | Month | Day | Year |
| | | | | | | | | |

Thank you for completing your 2002 Economic Census form.
PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.

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