

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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 | Relays and industrial controls for drives, clutches, brakes, motors, etc., including programmable controllers | 335314 07 6 | | | |
| 2 | Electric motors and generators | 335312 01 3 | | | |
| 3 | Transformers and other electric power transmission and distribution equipment (excluding electronic type) | 335300 00 0 | | | |
| 4 | Fluid power pumps, motors, and hydrostatic transmissions (hydraulic and pneumatic) | 333996 01 5 | | | |
| 5 | Fluid power products, including valves, cylinders, rotary actuators, hose or tube fittings and assemblies, filters, etc., excluding pumps, motors, hydrostatic transmissions, and hose (hydraulic and pneumatic) | 001900 86 9 | | | |
| 6 | Speed changers, gears, and industrial high-speed drives | 333612 00 0 | | | |
| 7 | Ball and roller bearings (mounted or unmounted) | 332991 01 7 | | | |
| 8 | Other mechanical power transmission equipment | 333613 03 2 | | | |
| 9 | Fabricated metal products, including forgings | 332000 05 8 | | | |
| | Castings (rough and semifinished) | | | | |
| 10 | Iron and steel | 331510 01 6 | | | |
| 11 | Nonferrous (aluminum, copper, etc.) | 331520 11 4 | | | |

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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 | | |
| 12 | Shapes and forms (excluding castings, forgings, and fabricated metal products) Steel | | | | |
| | Stainless | 331200 31 1 | | | |
| 13 | All other | 331200 23 8 | | | |
| | Nonferrous | | | | |
| 14 | Aluminum and aluminum-base alloy | 331000 39 8 | | | |
| 15 | Other | 331000 77 8 | | | |
| 16 | Other purchased device for incorporation into complete finished product Materials which are products of the packaging machinery industry, including filler, coding, code dating, marking, imprinting, labeling, adhesive, accumulating, collating, feeding, and unscrambling devices . . | 333993 09 5 | | | |
| 17 | Other, including weighing machines and scales, certain checkweighing and metal and other detection devices, and conveyors and conveying equipment | 001900 96 8 | | | |
| 18 | Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↴ | 009700 99 8 | | | |
| 19 | TOTAL (Should equal total reported in 16 , line A1) | 771000 00 7 | | | |

17-21 Not Applicable.

33327099

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 | Products shipped and other receipts | | |
|----------|---|---------------------|-------------------------------------|------|-------|
| | | | Value, f.o.b. plant | | |
| | | | \$ Bil. | Mil. | Thou. |
| | 0734 | 0730 | 0731 | | |
| | Packing, packaging, and bottling machinery, except parts and allied equipment | | | | |
| 1 | Cartoning, multipacking, and leaflet/coupon placing machinery | 333993 1103 5 | | | |
| 2 | Thermoforming, blister, and skin (including carded display) machinery | 333993 1207 4 | | | |
| 3 | Bag (preformed) opening, filling, and closing machinery and systems | 333993 1311 4 | | | |
| 4 | Vacuum, gas, and other modified atmosphere laminating and bagging machines | 333993 1315 5 | | | |
| | Bag or pouch form, fill, and seal machinery (<i>Must perform all three functions.</i>) | | | | |
| 5 | Horizontal | 333993 1319 7 | | | |
| 6 | Vertical | 333993 1321 3 | | | |
| 7 | Adhesive devices (hot melt and cold glue) | 333993 1426 0 | | | |
| 8 | Machinery for cleaning or drying bottles or other containers | 333993 1433 6 | | | |
| 9 | Bottling and canning machinery (including fillers, all types of closers, and accessory equipment) | 333993 1437 7 | | | |
| | Filling machinery | | | | |
| 10 | Dry products (free and nonfree flowing), including by-count machinery, except bags | 333993 1544 0 | | | |
| 11 | Liquids and viscous products (very heavy liquids, slurries, and pumpable semisolids) | 333993 1545 7 | | | |
| 12 | Glass or plastics container or can capping, sealing, and lidding machinery (excluding all filling, bottling, and canning machinery) | 333993 1651 3 | | | |
| 13 | Labeling machinery (all types of applications and methods) | 333993 1755 2 | | | |

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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 | Products shipped and other receipts | | |
|----------|---|---------------------|-------------------------------------|------|-------|
| | | | Value, f.o.b. plant | | |
| | | | \$ Bil. | Mil. | Thou. |
| | 0734 | 0730 | 0731 | | |
| | Packing, packaging, and bottling machinery, except parts and allied equipment - Continued | | | | |
| | Coding, dating, imprinting, jet printing, marking, and stamping machinery | | | | |
| 14 | Specifically for packaging use | 333993 1859 2 | | | |
| 15 | For general printing trades use. (Report parts on line 28.) | 333293 9791 4 | | | |
| 16 | Corrugated and solid fiber case and tray forming, loading, and sealing machinery | 333993 1963 2 | | | |
| 17 | Accumulating, collating, feeding, and unscrambling machinery | 333993 1A67 0 | | | |
| | Testing, inspecting, detecting, check-weighing, and other quality control devices | | | | |
| 18 | Automatic checkweigher and bulkweigher scales (Report parts on line 27.) | 333997 1209 1 | | | |
| | Other instruments for quality control and similar use, including physical properties testing and inspection equipment, kinematic testing and measuring equipment, and commercial and general-purpose instruments, and parts (Specify kind.) ↴ | | | | |
| 19 | | 334519 WYWW 3 | | | |
| | Other quality control machinery specifically for packaging use (Specify kind.) ↴ | | | | |
| 20 | | 333993 1A71 2 | | | |
| 21 | Paper, film, and foil wrapping machines (all types, except shrink and stretch film equipment) | 333993 1B75 1 | | | |
| 22 | Shrink and stretch film overwrapping, banding, and bundling machinery (excluding pallet unitizing, but including shrink tunnels) | 333993 1B79 3 | | | |
| 23 | Palletizers and depalletizers (pallet loaders and unloaders) for materials-handling use in and around plants, depots, docks, airports, and terminals (truck-type products and related equipment) (Report parts on line 26.) | 333924 1668 2 | | | |
| 24 | Palletizing, depalletizing, and pallet unitizing machinery with stretch film, adhesive, or strapping | 333993 1B83 5 | | | |
| | Other packing, packaging, and bottling machinery or systems and combinations or equipment not listed above, except parts (Specify kind.) ↴ | | | | |
| 25 | | 333993 1C99 9 | | | |
| 26 | Parts for palletizers and depalletizers (See complete machinery on line 23.) | 333924 3YVV 8 | | | |
| 27 | Parts for automatic checkweigher and bulkweigher scales, scales and balances (See complete machinery on lines 18 and 30.) | 333997 5107 3 | | | |

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| 22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued | | | | | |
|---|---|---------------------|-------------------------------------|------|-------|
| Line No. | Products and services | Census product code | Products shipped and other receipts | | |
| | | | Value, f.o.b. plant | | |
| | | | \$ Bil. | Mil. | Thou. |
| | 0734 | 0730 | 0731 | | |
| 28 | Parts for coding, dating, imprinting, marking and stamping machinery (See complete machinery on lines 14 and 15.) | 333293 9686 6 | | | |
| 29 | Parts for packing, packaging, and bottling machinery | 333993 5100 7 | | | |
| 30 | Scales and balances, except automatic checkweigher and bulkweigher and laboratory; complete units only (Report automatic checkweigher and bulkweigher on line 18 and parts for both lines 18 and 30 on line 27.) ↴ | 333997 WYWW 2 | | | |
| 31 | 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 | | | |
| 32 | | 26 | | | |
| 33 | | 34 | | | |
| 34 | | 42 | | | |
| 35 | | 59 | | | |
| 36 | | 67 | | | |
| 37 | Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴ | 000930 0000 8 | | | |
| 38 | Receipts for machine shop job work and job order repairs | 332710 0100 1 | | | |
| 39 | Miscellaneous receipts (including receipts for repair work, scrap, refuse, etc.) | 000999 8000 5 | | | |
| 40 | 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 15, line A2. | 000999 8900 6 | | | |
| 41 | TOTAL (Should equal 4, line A) | 770000 0000 8 | | | |

23-27 Not Applicable.

33327123

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



33327131

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"> <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 Yes 0079 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 | Area code | Number |
| | | - | | | | - |

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.

33327149