

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

INFORMATION COPY
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 | Fabricated metal products (excluding forgings) | | | | |
| | Bolts, nuts, screws, rivets, washers, and screw machine products | 332722 03 2 | | | |
| 2 | Other fabricated metal products | 332000 95 9 | | | |
| | Castings (rough and semifinished) | | | | |
| 3 | Iron and steel | 331510 01 6 | | | |
| 4 | Aluminum and aluminum-base alloy | 331520 05 6 | | | |
| 5 | Other nonferrous | 331520 03 1 | | | |
| | Shapes and forms (excluding castings, forgings, and fabricated metal products) | | | | |
| | Steel | | | | |
| 6 | Bars, bar shapes, and plate | 331200 07 1 | | | |
| 7 | All other steel shapes and forms | 331200 85 7 | | | |
| 8 | Aluminum and aluminum-base alloy | 331000 39 8 | | | |
| 9 | Other nonferrous shapes and forms | 331000 77 8 | | | |
| 10 | Paperboard containers, boxes, and corrugated paperboard | 322210 01 4 | | | |

CONTINUE WITH **16** ON PAGE 9

CONTINUE ON PAGE 9

33604083

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 | | |
| 11 | Flexible packaging materials | 001900 03 4 | | | |
| 12 | Gaskets and packing and sealing devices (all types) | 339991 03 6 | | | |
| 13 | Cost of all other materials and components, parts, containers, and supplies consumed (<i>Specify the principal materials, etc., included in this value.</i>) ↗ | 009700 99 8 | | | |
| 14 | TOTAL (<i>Should equal total reported in 16, line A1</i>) | 771000 00 7 | | | |

17-21 Not Applicable.

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 22. 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."

CONTINUE WITH 22 ON PAGE 10

33604091

| 22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued | | | | | | | |
|---|---|---------------------|--------------------------------|---|---------------------|------|-------|
| Line No. | Products and services | Census product code | Unit of measure for quantities | Total shipments and other receipts including interplant transfers | | | |
| | | | | Quantity | Value, f.o.b. plant | | |
| | | | | | \$ Bil. | Mil. | Thou. |
| 0734 | | 0730 | 0736 | 0732 | 0731 | | |
| 1 | Carburetors, all types New For motor vehicle engines (passenger car, truck, and bus) | 336311 1101 1 | | | | | |
| 2 | All other carburetors | 336311 1103 7 | | | | | |
| 3 | Rebuilt carburetors, all types | 336311 1105 2 | | | | | |
| 4 | Parts for carburetors (excluding gaskets and screw machine products) | 336311 1207 6 | | | | | |
| 5 | Pistons, all types (machined) (excluding rough castings) For motor vehicle engines (passenger car, truck, and bus) | 336311 3101 9 | | | | | |
| 6 | All other pistons | 336311 3103 5 | | | | | |
| 7 | Piston rings, all types, and piston pins Oil type For motor vehicle engines (passenger car, truck, and bus) | 336311 3205 8 | | | | | |
| 8 | All other oil type piston rings | 336311 3207 4 | | | | | |
| 9 | Compression type For motor vehicle engines (passenger car, truck, and bus) | 336311 3209 0 | | | | | |
| 10 | All other compression type piston rings | 336311 3211 6 | | | | | |
| 11 | Piston pins | 336311 3313 0 | | | | | |
| 12 | Valves (intake and exhaust only) For motor vehicle engines (passenger car, truck, and bus) | 336311 5101 7 | | | | | |
| 13 | All other valves | 336311 5103 3 | | | | | |
| 14 | Gray iron castings, automotive uses | 331511 9206 0 | short tons | | | | |
| 15 | Aluminum and aluminum-base alloy castings (except cast aluminum cooking utensils) | 331524 0YWW 9 | | | | | |
| 16 | Luggage and utility racks | 332510 5101 8 | | | | | |
| 17 | Motor vehicle hardware (including lock units, door and window handles, window regulators, hinges, license plate brackets, instrument panel knobs, etc.) (excluding luggage and utility racks) | 332510 5103 4 | | | | | |
| 18 | Complete electrical equipment for internal combustion engines (Specify kind.) ↘ | 336322 WYWW 0 | | | | | |

CONTINUE WITH 22 ON PAGE 11

33604109

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 | Total shipments and other receipts including interplant transfers | | | | |
|-----------|---|---------------------|--------------------------------|---|---------------------|------|-------|--|
| | | | | Quantity | Value, f.o.b. plant | | | |
| | | | | | \$ Bil. | Mil. | Thou. | |
| 0734 | | 0730 | 0736 | 0732 | 0731 | | | |
| 19 | Gasoline engines and gasoline engine parts for motor vehicles, new | 336312 1YWV 5 | | | | | | |
| 20 | 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 | | | | | | |
| 21 | | 26 | | | | | | |
| 22 | | 34 | | | | | | |
| 23 | | 42 | | | | | | |
| 24 | | 59 | | | | | | |
| 25 | | 67 | | | | | | |
| 26 | Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴ | 000930 0000 8 | | | | | | |
| 27 | Miscellaneous receipts (including receipts for repair work, scrap, refuse, etc.) | 000999 8000 5 | | | | | | |
| 28 | 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 | | | | | | |
| 29 | TOTAL (Should equal 4, line A) | 770000 0000 8 | | | | | | |

23-27 Not Applicable.



33604117

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"/> |
| 0923 <input type="checkbox"/> | 8072 <input type="checkbox"/> | 0943 <input type="checkbox"/> | 0963 <input type="checkbox"/> |
| 0924 <input type="checkbox"/> | 8073 <input type="checkbox"/> | 0944 <input type="checkbox"/> | 0964 <input type="checkbox"/> |
| 0925 <input type="checkbox"/> | 8074 <input type="checkbox"/> | 0945 <input type="checkbox"/> | 0965 <input type="checkbox"/> |
| 0926 <input type="checkbox"/> | 8075 <input type="checkbox"/> | 0946 <input type="checkbox"/> | 0966 <input type="checkbox"/> |
| 0927 <input type="checkbox"/> | 8076 <input type="checkbox"/> | 0947 <input type="checkbox"/> | 0967 <input type="checkbox"/> |
| 0928 <input type="checkbox"/> | 8077 <input type="checkbox"/> | 0948 <input type="checkbox"/> | 0968 <input type="checkbox"/> |
| 0932 <input type="checkbox"/> | 8078 <input type="checkbox"/> | 0952 <input type="checkbox"/> | 0972 <input type="checkbox"/> |

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



33604125

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

29 OPERATIONAL STATUS

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

- 0011 In operation
- 0012 Under construction, development, or exploration
- 0013 Temporarily or seasonally inactive
- 0014 Ceased operation - Give date at right →
- 0015 Sold or leased to another operator - Give date at right AND enter new name and mailing address below ↴

| | | | |
|------|-------|-----|------|
| 0018 | Month | Day | Year |
| | | | |

| | | | | |
|--|--|-------------------------------------|---------------|--|
| 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 | Month | Year | TO | Month | Year |
| 0070 | | | 0071 | | |

| | | | | | |
|--|--|------------|--|--|--|
| 0072 Name of person to contact regarding this report | | 0073 Title | | | |
| | | | | | |

| | | | | | | | | |
|-----------|-----------|--------|--|-----------|------|-----------|--------|--|
| Telephone | Area code | Number | | Extension | Fax | Area code | Number | |
| 0074 | | - | | | 0075 | | - | |

| | | | | | | |
|------------------------------|--|--|----------------|-------|-----|------|
| 0076 Internet e-mail address | | | Date completed | Month | Day | Year |
| | | | 0069 | | | |

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

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