## 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 22. 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 009700998.
Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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 sho Id b bat on the delivered cost; i.e., the amount paid or payable after discounts and including frgigy a d ather diect, cbayges incurred in acquiring the materials.

 the cost of purchases or transfe bowever, if consumption dif ss shifica hti, from the amounts purchased or transferred, these amounts should be adjusted fon nges $n$ t er terials and supplies inventories by adding the beginning inventory to the amount purctise ( $r$ rtr) ns ferredaplablracting ending inventory.
Contract Work - Include $a$ m ria) consunhethose you purchased for use by others making products for you under contract. Amounts pald th) kecompanies doing the contract work should be reported in (55, line A5, and should include freight in and out. OHt 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 22 under Census product code 0009998900 6, "Resales."


## 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

|  | 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) |  |  |
|  |  |  | $\begin{array}{\|l\|} \hline \$ \text { Bil. } \\ \hline 0631 \\ \hline \end{array}$ | Mil. | Thou. |
| 11 | Forgings <br> Iron and steel <br> Cold <br> 332111038 |  |  |  |  |
| 12 | Other | 332111111 |  |  |  |
| 13 | Nonferrous | 332112010 |  |  |  |
| 14 | Castings (rough and semifinished) <br> Iron and steel $331510016$ |  |  |  |  |
| 15 | Nonferrous (aluminum, copper, etc.) | 331520114 |  |  |  |
| 16 | Shapes and forms (excluding castings, forgings, and fabricated metal products) <br> Steel <br> Bars, bar shapes, and plate <br> 331200071 |  |  |  |  |
| 17 | Sheet and strip | 331200170 |  |  |  |
| 18 | All other steel shapes and forms | 331200337 |  |  |  |
| 19 | Copper and copper-base alloy | 331421115 |  |  |  |
| 20 | All other nonferrous shapes and forms | 331000752 |  |  |  |
| 21 | Scrap; including iron, steel, and aluminum and aluminum-base alloy (excluding home scrap) <br> Grinding wheels and other abrasive products (excluding industrial diamonds) <br> Paperboard containers, boxes, and corrugated paperboard <br> Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) | 001900604 |  |  |  |
| 22 |  | 327910014 |  |  |  |
| 23 |  | 322210014 |  |  |  |
| 24 |  | 009700998 |  |  |  |
| 25 | TOTAL (Should equal total reported in (5), line A1) . . . . . . . . . . . . . . | 771000007 |  |  |  |

## 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 00093000008.

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 0009998900 6, "Resales."
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 form, the sum of the detailed products should equal the total reported on this form.
NOTE: Only totals are requested; do not duplicate detail reported on the CIR.
Lines 32 through 39 pertain to any concentric and parallel shaft speed reducer, motor-reducer, and gearmotor products for which input and output shafts are parallel and closely aligned with each other. Known by many names, including planetaries, cycloids, and epicyclics, these may be concentric constructions or those which may incorporate any type of internal speed reduction components such as spur, helical, and bevel gear teeth, harmonic, epicyclic, cycloidal, chain, cam, etc.


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

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


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


## If not shown, please enter your 11-digit Census File

 Number (CFN) from the mailing address.
## DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

|  | Products and services <br> *Items correspond to products reported on Current Industrial Reports (CIR) | Census product code | Products shipped and other receipts |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Value, f.o.b. plant |  |  |
|  |  |  | \$ Bil. | Mil. | Thou. |
|  |  | 0730 | 0731 |  |  |
|  | Offset parallel shaft and right angle speed reducers Offset parallel shaft reducers (including helical, herringbone, and spur) <br> Low-speed center 15 in . ( 38.10 cm ) or less |  |  |  |  |
| 44 |  | 33361277719 |  |  |  |
| 45 | Low-speed center more than $15 \mathrm{in} .(38.10 \mathrm{~cm})$ | 33361277735 |  |  |  |
| 46 | Replacement parts | 33361277768 |  |  |  |
| 47 |  | 33361278790 |  |  |  |
| 48 | Mechanical adjustable speed drives (traction and belt variable speed changers, excluding parts and value of drivers) | 33361279830 |  |  |  |
| 49 | Parts for mechanical adjustable speed drives (traction and belt variable speed changers) <br> Other geared speed changers, industrial high-speed drives, and mechanical variable speed drives (gearboxes and allied products) nec, and parts | 333612 7A88 6 |  |  |  |
| 50 |  | 333612 7B99 1 |  |  |  |
| 51 | Marine propulsion gear transmissions and drives <br> Other mechanical power transmission equipment, nec, including ball joints, nonflexible drive shafts and couplings, etc. | 33361337885 |  |  |  |
| 52 |  | 33361337927 |  |  |  |
| 53 | Parts for mechanical power transmission equipment (including mountings for bearings) <br> Construction machinery and equipment (including similar machinery used for forestry) <br> Complete units (including attachments which are themselves machinery) (Specify kind.) | 33361337984 |  |  |  |
| 54 |  | 333120 WYWW 1 |  |  |  |
| 55 | Parts, sold separately (Specify kind.) | 333120 9YWV 7 |  |  |  |
| 56 | Ball bearings, complete, unmounted (Corresponds to value of shipments reported on CIR Form MA332Q, Antifriction Bearings, for 2002, item codes 2101-2155.)* | 33299111006 |  |  |  |
| 57 | Tapered roller bearings (including cups and cones), unmounted (Corresponds to value of shipments reported on CIR Form MA332Q, Antifriction Bearings, for 2002, item codes 2232-2234.)* <br> Other roller bearings, unmounted (Corresponds to value of shipments reported on CIR Form MA332Q, Antifriction Bearings, for 2002, item codes 2311-2393.)* | 33299131004 |  |  |  |
| 58 |  | 33299151002 |  |  |  |
| 59 | Mounted bearings (except plain) (Corresponds to value of shipments reported on CIR Form MA332Q, Antifriction Bearings, for 2002, item codes 2417-2455.)* | 33299171000 |  |  |  |

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


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

## 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.)

1. Product design/engineering
2. Order fulfillment
a. Bundling or kitting (combining multiple items into a prepackaged product)
b. Pick and pack (taking goods from inventory and packaging them to fill orders).
c. Warehousing of finished products
d. Breaking bulk (reducing large shipments into smaller portions for customers)
e. Local delivery (within a city, town, or other local area, including adjoining towns and suburban areas)
f. Long distance delivery (beyond local areas and commercial zones).
g. Processing of returned merchandise

| This activity was performed - |  |  |  |
| :---: | :---: | :---: | :---: |
| By this establishment | By another establishment of this company | By another company | Not at all |
| ${ }^{0} 921 \square$ | ${ }_{8071} \square$ | $0941 \square$ | $0961 \quad \square$ |
| ${ }_{0} 023 \square$ | ${ }_{8072} \square$ | ${ }_{0943} \square$ | $0963 \square$ |
| ${ }_{0} 024 \square$ | ${ }_{8073} \square$ | 0944 | $0964 \quad \square$ |
| $0925 \square$ | ${ }_{8074} \square$ | $0945 \quad \square$ | 0965 |
| $0926 \square$ | ${ }_{8075} \square$ | $0946 \square$ | $0966 \square$ |
| ${ }_{0927} \square$ | ${ }_{8076} \square$ | 0947 | ${ }_{0967} \square$ |
| ${ }_{0} 0928$ | ${ }_{8077} \square$ | 0948 | $0968 \square$ |
| ${ }_{0} 0932 \square$ | ${ }_{8078} \square$ | $0952 \square$ | $0972 \quad \square$ |

B. During 2002 did this establishment:

1. Manage inventory owned by this establishment AND held at this location?

2. Manage inventory owned by another company BUT held at this location?Yes

3. Manage inventory owned by another company AND held somewhere other than at this location?. 0994Yes

4. Contract with another firm for any of your production using materials owned by this location?


5. Send any partially completed products to a foreign facility for processing that were then returned to this establishment for completion?Yes

6. Manufacture products for a government to their specifications? 8047Yes

7. Manufacture products for another business to their specifications?Yes

8. Manufacture products for a final retail customer to their specifications?

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

0011
$\square$ In operation

0012Under construction， 0014 development，or exploration

0015


Temporarily or seasonally inactive
Ceased operation－Give date at right $\longrightarrow$ 0018


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 <br> owner（9 digits） |  | - |

0062 Mailing address（number and street，P．O．Box，etc．）


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

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


Thank you for completing your 2002 Economic Census form．

