

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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		
	Fabricated metal products (excluding forgings)				
1	Bolts, nuts, screws, rivets, washers, and screw machine products	332722 03 2			
2	Metal fittings, flanges, and unions for piping systems	332919 07 5			
3	Metal stampings	332000 AC 2			
4	Other fabricated metal products	332000 97 5			
5	Forgings	332100 01 5			
	Castings (rough and semifinished)				
6	Iron and steel	331510 01 6			
7	Aluminum and aluminum-base alloy	331520 05 6			
8	Other nonferrous	331520 03 1			
	Shapes and forms (excluding castings, forgings, and fabricated metal products)				
	Steel				
9	Bars and bar shapes	331200 71 7			
10	Sheet and strip	331200 17 0			

CONTINUE WITH **16** ON PAGE 9

CONTINUE ON PAGE 9

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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		
	Shapes and forms (excluding castings, forgings, and fabricated metal products) - Continued				
	Steel - Continued				
11	Plate	331200 79 0			
12	Structural shapes	331200 69 1			
13	Pipes	331200 21 2			
14	All other steel shapes and forms	331200 29 5			
	Copper and copper-base alloy				
15	Pipe and tube	331421 35 4			
16	All other copper and copper-base alloy shapes and forms	331421 41 2			
	Aluminum and aluminum-base alloy				
17	Sheet, plate, foil, and welded tubing	331315 01 0			
18	Plain foil	331315 07 7			
19	Extruded shapes (including extruded rod, bar, pipe, tube, etc.)	331316 00 0			
20	All other aluminum and aluminum-base alloy shapes and forms	331000 49 7			
21	All other nonferrous shapes and forms	331000 83 6			
22	Metal powders	331000 AA 7			
23	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but excluding sheets, rods, tubes, and other shapes	325211 05 0			
24	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes	326100 13 8			
25	Natural abrasive materials, excluding diamonds	212390 17 3			
26	Paper and paperboard products including paperboard boxes, containers, and corrugated paperboard	322000 01 9			

CONTINUE WITH **16** ON PAGE 10

33243098

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		
27	Glues and adhesives	325520 03 9			
28	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↗	009700 99 8			
29	TOTAL (Should equal total reported in 16, line A1)	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.

Products Shipped and Other Receipts - Report in these columns the quantity and value of all products made in this establishment which were physically shipped on consignment, whether or not sold at the end of the year. The value of the products shipped and services performed should be based on the net selling value, f.o.b. plant, after discounts and allowances, and exclusive of freight charges and excise taxes.

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.
0734		0730	0736	0732	0731	
1	Converted unmounted aluminum foil for packaging products (not laminated to other materials)		↑ 1000 lb ↓			
	Coated foil less than .001 inch thickness	332999 2102 4				
2	Coated foil .001 to .003 inch thickness	332999 2107 3				
3	Coated foil greater than .003 inch thickness	332999 2112 3				
4	Gift wrap	332999 2115 6				

CONTINUE WITH 22 ON PAGE 11

33243106

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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			
	Converted foil for nonpackaging applications and foil and leaf Aluminum		1000 lb					
5	Unmounted or coated, plain or printed . . .	332999 3101 5						
6	Laminated to other materials	332999 3106 4						
	Other foil, including composition (combination of two metals or more) and metal leaf (including aluminum leaf) (Specify kind.) ↘							
7		332999 3111 4						
	Miscellaneous machinery products, except electrical Flexible metal hose and tubing							
8	Copper and copper-base alloy	332999 5101 3						
9	Aluminum and aluminum-base alloy	332999 5106 2						
10	Stainless steel	332999 5111 2						
11	Other	332999 5116 1						
12	Metal bellows	332999 5121 1						
	Collapsible tubes							
13	Aluminum	332999 7101 1						
14	Other (including tin, tin-coated, tin-lead alloy, and lead)	332999 7106 0						
15	Flat metal strapping	332999 9100 1	short tons					
	Metal ladders							
16	Step and platform types	332999 A101 7						
17	Rung types (single, trestle, extension, sectional, etc.)	332999 A106 6						
18	Ladder-type step stools	332999 A111 6						
19	Ladder accessories (metal) (including levelers, ladder feet, ladder jacks, roof hooks, bucket shelves, etc.)	332999 A121 5						
20	Permanent magnets, except ceramic permanent magnets	332999 H101 0						

CONTINUE WITH 22 ON PAGE 12

33243114

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		
21	Other fabricated metal products, nec Fabricated assemblies of railroad frogs, switches, and crossings	332999 H106 9					
22	Metal pipe hangers and supports (not including metal framing)	332999 H189 5					
23	Stamped metal wheels for golf carts, lawnmowers, etc. (disc-type)	332999 H301 6					
24	Metal spools and reels	332999 H303 2					
25	Metal pallets and skids (excluding wood and metal combination)	332999 H305 7					
26	Miscellaneous fabricated products, made primarily of metal (combs and hair curlers, etc.)	332999 H306 5					
27	Steel wool	332999 H313 1					
28	Metal scouring pads, including those with soap	332999 H316 4					
29	Metal motor vehicle seat frames	332999 H398 2					
30	Other fabricated metal products, nec (including metal ironing boards and metal memorial tablets and grave markers) (Specify kind.)	332999 H397 4					
31	Fabricated iron and steel pipe and pipe fittings made from purchased pipe	332996 3101 1					
32	Receipts for machine shop job work and job order repairs	332710 0100 1					
33	Electrosilverplated hollowware, electrosilverplated to a nonprecious (except pewter) metal base, including baby goods, ecclesiastical ware, novelties, toiletware, and trophies	339912 2108 7					
34	Hollowware, precious and nonprecious metal plated to a nonprecious (except pewter) metal base, excluding electrosilverplated hollowware, including baby goods, ecclesiastical ware, novelties, toiletware, and trophies	339912 2111 1					
35	Hollowware, solid nonprecious (except pewter) metal, including baby goods, ecclesiastical ware, novelties, toiletware, and trophies, excluding nonprecious plated metal hollowware and nonprecious metal clad to nonprecious metal hollowware	339912 2126 9					

CONTINUE WITH 22 ON PAGE 13

33243122

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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			
	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.							
36		18						
37		26						
38		34						
39		42						
40		59						
41		67						
	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴							
42		000930 0000 8						
	Miscellaneous receipts							
43	Sales of scrap and refuse	000999 8013 8						
44	Receipts for repair work	000999 8061 7						
	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.)							
45		000999 8900 6						
46	TOTAL (Should equal 4, line A)	770000 0000 8						

23-27 Not Applicable.



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