

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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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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 castings and forgings)				
1	Fabricated metal pipe	332900 05 9			
2	Bolts, nuts, screws, washers, rivets, and other screw machine products	332722 03 2			
3	Valves and pipe fittings	332919 05 9			
4	All other fabricated metal products	332000 39 7			
	Castings (rough and semifinished)				
5	Iron and steel	331510 01 6			
6	Aluminum and aluminum-base alloy	331520 05 6			
7	Other nonferrous	331520 03 1			
8	Forgings	332100 01 5			
	Shapes and forms (excluding castings, forgings, and fabricated metal products)				
	Steel				
9	Bars and bar shapes (excluding concrete reinforcing bars)	331200 57 6			
10	Concrete reinforcing bars	331200 09 7			

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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	Sheet and strip	331200 17 0			
12	Plate	331200 79 0			
	Structural shapes (excluding sheet pilings)				
13	Wide flange beams	331200 41 0			
14	All other structural shapes	331200 47 7			
15	All other shapes and forms (including sheet pilings)	331200 39 4			
16	Nonferrous refinery shapes	331400 03 6			
	Copper and copper-base alloy				
17	Pipe and tube	331421 35 4			
18	All other shapes and forms	331421 41 2			
	Aluminum and aluminum-base alloy				
19	Sheet, plate, foil, and welded tubing	331315 01 0			
20	All other and extruded shapes (including wire, rolled rod and bar, powder, etc., and extruded rod, bar, pipe, tube, etc.)	331000 55 4			
21	All other nonferrous shapes and forms	331000 67 9			
22	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied products	325510 03 0			
23	Welding electrodes	333992 03 0			
24	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↴	009700 99 8			
25	TOTAL (Should equal total reported in 16 , line A1)	771000 00 7			

17-21 Not Applicable.

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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	Value, of receipts, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
	0734	0730	0731		
	Fabricated structural metal for buildings (including bar joists and concrete reinforcing bars)				
	Iron and steel				
1	Industrial	332312 1101 3			
2	Commercial	332312 1206 0			
3	Residential	332312 1211 0			
4	Institutional, medical, and religious	332312 1216 9			
5	Public and educational	332312 1221 9			
6	Public utilities	332312 1226 8			
7	Aluminum	332312 1231 8			
8	Fabricated structural metal for bridges	332312 3100 3			
	Other fabricated structural metal				
	Iron and steel				
9	For ships, boats, and barges	332312 5201 7			
10	For transmission towers, substations, radio antenna towers, and supporting structures	332312 5106 8			
11	For offshore oil and gas platforms	332312 5111 8			

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

Line No.	Products and services	Census product code	Value, of receipts, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
	0734	0730	0731		
	Other fabricated structural metal - Continued				
	Iron and steel - Continued				
12	For tunneling and subway work	332312 5116 7			
13	For aerospace and defense	332312 5121 7			
14	Other fabricated structural iron and steel (including dam locks and dam gates; excluding pressure vessels, and storage tanks, fabricated reinforcing bars, bar joists, fabricated metal buildings, steel flooring, and roof decks)	332312 5126 6			
15	Aluminum for ships, boats, barges, transmission towers, and other structures (excluding tanks, fabricated metal buildings, etc.)	332312 5131 6			
16	Structural metal, other than iron, steel, or aluminum	332312 5136 5			
	Fabricated steel plate (stacks and weldments) (except heat exchangers, steel power boilers; gas cylinders; nuclear reactor steam supply systems; metal tanks and vessels; metal barrels, drums, and pails; and metal pallets)				
17	Shielding for use in nuclear reactor buildings	332313 0301 8			
18	Pipe, penstocks, tunnel lining, stacks, and breeching	332313 0406 5			
19	Weldments and fabricated steel plate for other purposes	332313 0346 3			
	Other fabricated steel plate (<i>Specify kind.</i>) ↴				
20		332313 0YWW 6			
	Steel sheet metal work				
21	Air-conditioning ducts, including dust collecting ducts	332322 1101 2			
22	Metal roofing (all types)	332322 7101 6			
23	Metal siding	332322 9106 3			
24	All other steel sheet metal work	332322 E326 1			
	Stairs, railings, fences, and gates (other than wire)				
25	Iron and steel stairs, staircases, and fire escapes	332323 3101 8			
	Fences and gates (other than wire)				
26	Iron and steel	332323 3211 5			
27	Aluminum	332323 3216 4			
28	Railings and window guards; iron, steel, and aluminum	332323 3221 4			

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22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued					
Line No.	Products and services	Census product code	Value, of receipts, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
29	Other architectural and ornamental work				
	Iron and steel	332323 9201 0			
30	Aluminum	332323 9106 1			
31	Other than iron, steel, and aluminum	332323 9111 1			
	Open flooring and grating for building construction				
32	Aluminum	332323 5106 5			
33	Iron and steel	332323 5101 6			
34	Welded steel wire fabrics (including concrete reinforcing mesh)	332618 C407 2			
35	Industrial and commercial prefabricated metal building systems, excluding farm service buildings, residential buildings, and parts for prefabricated buildings	332311 1201 3			
36	Metal plaster base accessories, including corner beads, screeds, grounds, etc.	332323 3106 7			
37	Carbon steel custom roll form products	332114 0101 4			
38	Fabricated iron and steel pipe and pipe fittings made from purchased pipe	332996 3101 1			
39	Receipts for machine shop job work and job order repairs	332710 0100 1			
	Sheet metal roofing and roof drainage equipment, nsk (<i>Specify kind.</i>) ↘				
40		332322 7YVW 2			
41	Butt hinges (excluding cabinet hinges, but including spring hinges), 3 one-half in. by 3 one-half in. or less	332510 3569 8			
42	Other fabricated metal products, nec (including metal ironing boards and metal memorial tablets and grave markers)	332999 H397 4			
43	Binoculars and astronomical instruments	333314 3110 7			
44	Mechanical stokers (except electric)	333414 7121 8			
45	Bulk powered material moving equipment other than hand carts and vehicles	333924 1696 3			
46	Military and nonmilitary nonpropelled drilling-production platforms, new construction	336611 1104 8			
47	Ship conversions and reconversions, nonmilitary	336611 9101 6			
48	Other nonupholstered metal household outdoor and casual beach, lawn, garden, and porch furniture, assembled and ready-to-assemble, including picnic tables	337124 4241 8			

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

Line No.	Products and services	Census product code	Value, of receipts, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
	0734	0730	0731		
49	Metal tanks Complete at factory (standard line pressure), nsk (Specify kind.) ↴	332420 9YVV 2			
50	Complete at factory (standard line nonpressure), nsk (Specify kind.) ↴	332420 CYVV 8			
51	Custom fabricated at the factory, nsk (Specify kind.) ↴	332420 EYVV 6			
52	Custom fabricated and field erected, nsk (Specify kind.) ↴	332420 GYVV 4			
53	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			
54		26			
55		34			
56		42			
57		59			
58		67			
59	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴	000930 0000 8			
60	Miscellaneous receipts Sales of scrap and refuse	000999 8013 8			
61	Receipts for installation of products of this establishment	000999 8032 8			

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

Line No.	Products and services	Census product code	Value, of receipts, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
	Miscellaneous receipts - Continued				
62	Receipts for construction of products of this establishment	000999 8033 6			
63	Receipts for research and developmental work	000999 8041 9			
64	Other miscellaneous receipts (including receipts for repair work, etc.) . .	000999 8098 9			
65	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			
66	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.)

Table with 4 columns: By this establishment, By another establishment of this company, By another company, Not at all. Rows include activities like Product design/engineering, Order fulfillment, Bundling or kitting, etc.

B. During 2002 did this establishment:

- 1. Manage inventory owned by this establishment AND held at this location? Yes/No
2. Manage inventory owned by this establishment BUT held at a customer's location? Yes/No
3. Manage inventory owned by another company BUT held at this location? Yes/No
4. Manage inventory owned by another company AND held somewhere other than at this location? Yes/No
5. Contract with another firm for any of your production using materials owned by this location? Yes/No
6. Send any partially completed products to a foreign facility for processing that were then returned to this establishment for completion? Yes/No
7. Manufacture products for a government to their specifications? Yes/No
8. Manufacture products for another business to their specifications? Yes/No
9. Manufacture products for a final retail customer to their specifications? Yes/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	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		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.

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