

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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 castings and forgings)				
	Fabricated metal pipe	332900 05 9			
2	Valves and pipe fittings	332919 05 9			
3	All other fabricated metal products	332000 39 7			
	Castings (rough and semifinished)				
4	Iron and steel	331510 01 6			
5	Nonferrous (aluminum, copper, etc.)	331520 11 4			
6	Forgings	332100 01 5			
	Shapes and forms (excluding castings, forgings, and fabricated metal products)				
	Steel				
7	Bars and bar shapes (excluding concrete reinforcing bars)	331200 57 6			
8	Concrete reinforcing bars	331200 09 7			
9	Sheet and strip	331200 17 0			
10	Plate	331200 79 0			

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CONTINUE WITH **16** ON PAGE 9

CONTINUE ON PAGE 9

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				
	Structural shapes (excluding sheet pilings)				
11	Wide flange beams	331200 41 0			
12	All other structural shapes	331200 47 7			
13	All other shapes and forms (including sheet pilings)	331200 39 4			
	Copper and copper-base alloy				
14	Pipe and tube	331421 35 4			
15	All other shapes and forms	331421 41 2			
	Aluminum and aluminum-base alloy				
16	Sheet, plate, foil, and welded tubing	331315 01 0			
17	All other and extruded shapes (including wire, rolled rod and bar, powder, etc., and extruded rod, bar, pipe, tube, etc.)	331000 55 4			
18	All other nonferrous shapes and forms	331000 67 9			
19	Paints, varnishes, lacquers, stains, shellacs, japans, enamels, and allied products	325510 03 0			
20	Welding electrodes	333992 03 0			
21	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			
22	TOTAL (<i>Should equal total reported in 16, line A1</i>)	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	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
	0734	0730	0731		
1	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)				
	Shielding for use in nuclear reactor buildings	332313 0301 8			
2	Pipe, penstocks, tunnel lining, stacks, and breeching	332313 0406 5			
	Containers (trash and other) steel plate				
3	Less than 13 gallons	332313 0111 1			
4	13 gallons to 79 gallons	332313 0116 0			
5	More than 79 gallons	332313 0121 0			
	Sound control equipment				
6	Jet engine test facilities (including hush houses, demountable run-up silencers, demountable test cells, etc.)	332313 0226 7			
7	Gas turbine sound systems (enclosed) (including natural gas compression, electric generation, marine propulsion, etc.)	332313 0231 7			
8	Other (including sound panels, one piece enclosures, industrial silencers, and air ducts silencers)	332313 0236 6			
9	Weldments and fabricated steel plate for other purposes	332313 0346 3			
	Fabricated structural iron and steel (for sale to other companies) (excluding pressure vessels and storage tanks; fabricated reinforcing bars; bar joists; fabricated metal buildings; steel flooring and roof decks; or iron and steel for transmission towers, substations, radio antenna towers, and supporting structures), nsk (<i>Specify kind.</i>) ↘				
10		332312 5YVW 5			

33213109

CONTINUE WITH **22** ON PAGE 11

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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		
11	Fabricated heat exchangers and steam condensers (except for nuclear applications), nsk (Specify kind.) ↴	332410 1YVW 1			
12	Open iron and steel flooring and grating for building construction	332323 5101 6			
13	Carbon steel custom roll form products	332114 0101 4			
14	Fabricated iron and steel pipe and pipe fittings made from purchased pipe	332996 3101 1			
15	Other fabricated metal products, nec (including metal ironing boards and metal memorial tablets and grave markers)	332999 H397 4			
16	Receipts for machine shop job work and job order repairs	332710 0100 1			
17	Fabricated structural iron and steel for industrial buildings, metal bar joists, short span (open web)	332312 1101 3			
18	Fabricated structural iron and steel for commercial buildings, including metal bar joists, long span	332312 1206 0			
19	Fabricated structural metal bar joists and concrete reinforcing bars, nsk (Specify kind.) ↴	332312 1YVW 9			
20	Sheet metal work, nsk (Specify kind.) ↴	332322 WYVW 4			
21	Steel power boilers (stationary and marine), parts and attachments (except nuclear applications), nsk (Specify kind.) ↴	332410 5YVW 7			
22	Metal tanks Complete at factory (standard line nonpressure), nsk (Specify kind.) ↴	332420 CYVW 8			
23	Custom fabricated at the factory and field erected (Specify kind.) ↴	332420 EYVW 6			
24	Custom fabricated and field erected (Specify kind.) ↴	332420 GYVW 4			

CONTINUE WITH 22 ON PAGE 12

CONTINUE ON PAGE 12

33213117

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		
25	Precision turned products, nsk (Specify kind.) ↴	332721 WYWW 7			
26	Special dies, tools, jigs, and fixtures, nsk (Specify kind.) ↴	333514 0YWW 8			
27	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			
28		26			
29		34			
30		42			
31		59			
32		67			
33	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴	000930 0000 8			
34	Miscellaneous receipts				
	Sales of scrap and refuse	000999 8013 8			
35	Receipts for installation of products of this establishment	000999 8032 8			
36	Receipts for construction of products of this establishment	000999 8033 6			
37	Receipts for research and developmental work	000999 8041 9			
38	Other miscellaneous receipts (including receipts for repair work, etc.) . .	000999 8098 9			
39	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			
40	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 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



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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 <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.

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