

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

Toll Operations - Tolling must be performed for customers outside your own company. If the work is done for other establishments within your company, the value of the materials consumed in the tolling operation should be reported in your cost of materials data and the processed value of the products should be reported as a product shipment and a corresponding interplant transfer.

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	Unit of measure for quantities	Consumption of purchased materials and of materials received from other establishments of your company				
				Quantity	Cost, including delivery cost (freight-in)			
					\$ Bil.	Mil.	Thou.	
0634		0630	0636	0632	0631			
1	Steel shapes and forms (excluding castings, forgings, and fabricated metal products)	331200 01 4						
2	Nonferrous shapes and forms (excluding castings, forgings, and fabricated metal products) Aluminum and aluminum-base alloy Ingot, pig, shot		↑ short tons ↓					
	Unalloyed	331312 05 8						
3	Alloyed	331312 07 4						
4	Sheet, plate, foil, and welded tubing	331315 01 0	↑ 1000 lb ↓					
5	Extruded shapes (including extruded rod, bar, pipe, tube, etc.)	331316 00 0						
6	All other aluminum and aluminum-base alloy shapes and forms	331000 11 7						
7	Copper and copper-base alloy refinery shapes	331411 05 8	↑ short tons ↓					
8	Magnesium and magnesium-base alloy shapes and forms	331419 35 8						
9	All other nonferrous shapes and forms	331419 21 8						

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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	Unit of measure for quantities	Consumption of purchased materials and of materials received from other establishments of your company				
				Quantity	Cost, including delivery cost (freight-in)			
					\$ Bil.	Mil.	Thou.	
0634		0630	0636	0632	0631			
10	Nonferrous metal scrap (excluding home scrap) Aluminum and aluminum-base alloy From other establishments of your company	001900 21 6	short tons					
11	From all other sources	001900 22 4						
12	Other nonferrous metal scrap (including antimonial lead scrap and zinc drosses and skimmings)	001900 80 2						
13	Paper and paperboard containers, including shipping sacks and other paper packaging supplies	322200 17 1						
14	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.)	009700 99 8						
15	TOTAL (Should equal total reported in 16, line A1)	771000 00 7						

17 Not Applicable.

18 TYPE OF OPERATION
(Mark "X" the ONE box that best describes the operation performed at this establishment during 2002.)

Type of manufacturing activity during 2002

- 0620 398 Producing aluminum ingots or billets in an aluminum reduction plant
- 404 Producing aluminum ingots or billets from scrap or dross
- 406 Producing aluminum ingots or billets in an aluminum rolling mill
- 408 Producing bare wire and cable from wire drawn in this establishment
- 409 Producing insulated wire and cable from wire drawn in this establishment
- 410 Producing insulated wire and cable from purchased wire
- 412 Producing aluminum extrusions (either for sale or for own use)

19-21 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.

Quantity Produced For All Purposes - Report in this column the total quantity for each specified product made in this establishment during 2002. Do not report any data on the production of intermediate stages through which the metal may be processed in the production of other rolled, drawn, or extruded products. For example, if you purchase ingot or wire bars, roll them into rods and then draw wire from these rods, you should only report information on the wire in this section of the form; no information is necessary on the rods.

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 0014 9.

Toll Operations - Tolling must be performed for customers outside your own company. If the work is done for other establishments within your company; the value of the materials consumed in the tolling operation should be reported in your cost of materials data and the processed value of the product should be reported as a product shipment and a corresponding interplant transfer.

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	Quantity produced for all purposes	Products shipped and other receipts				
					Quantity	Value, f.o.b. plant			
						\$ Bil.	Mil.	Thou.	
0734		0730	0736	0733	0732	0731			
1	Aluminum plate from purchased or recovered aluminum (thickness of 0.25 inches or more) (including continuous cast)		↑ short tons ↓						
	Heat-treatable	331315 1101 7							
2	Nonheat-treatable	331315 1106 6							
3	Aluminum sheet and strip from purchased or recovered aluminum (including continuous cast)								
	Flat, heat-treatable	331315 3101 5							
4	Flat, nonheat-treatable, bare and precoated	331315 3106 4							
5	Coiled, heat-treatable	331315 3211 2							
6	Coiled, nonheat-treatable, bare . .	331315 3216 1							
7	Coiled, nonheat-treatable, precoated (including only permanent finishes, such as enameling and vinyl coatings; excluding coatings that are applied only for temporary protection)	331315 3221 1							
8	Plain aluminum foil from purchased or recovered aluminum (less than .006 inches thick)	331315 5100 5							

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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	Quantity produced for all purposes	Products shipped and other receipts			
					Quantity	Value, f.o.b. plant		
						\$ Bil.	Mil.	Thou.
0734		0730	0736	0733	0732	0731		
9	Extruded aluminum rod, bar, and other extruded shapes from purchased or recovered aluminum Rod and bar Alloys other than 2000 and 7000 series	331316 1101 5	↑ short tons ↓					
10	Alloys in 2000 and 7000 series	331316 1206 2						
11	Other extruded shapes (except tube) Alloys other than 2000 and 7000 series	331316 1311 0						
12	Alloys in 2000 and 7000 series	331316 1416 7						
13	Extruded and drawn aluminum tube from purchased or recovered aluminum Alloys other than 2000 and 7000 series	331316 3101 3						
14	Alloys in 2000 and 7000 series . .	331316 3106 2						
15	Primary aluminum ingot, produced in primary aluminum reduction plants, including pigs, sows, and molten metal, excluding billet	331312 1100 6						
16	Primary aluminum extrusion ingot (billet), produced in primary aluminum reduction plants	331312 3100 4						
17	Aluminum ingot, including billet, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	331319 D100 8						
18	Aluminum welded tube	332996 1100 5						
19	Converted unmounted aluminum foil for packaging products (not laminated to other materials) Coated foil less than .001 inch thickness	332999 2102 4		↑ 1000 lb ↓				
20	Coated foil .001 to .003 inch thickness	332999 2107 3						
21	Coated foil greater than .003 inch thickness	332999 2112 3						
22	Adhesive or wax laminated aluminum foil/paper combination rolls and sheets for flexible packaging uses . .	322225 0311 5						
23	Electroplating, plating, polishing, anodizing, and coloring	332813 0101 1						
24	Laminating steel for the trade	332813 0102 9						

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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	Quantity produced for all purposes	Products shipped and other receipts			
					Quantity	Value, f.o.b. plant		
						\$ Bil.	Mil.	Thou.
0734		0730	0736	0733	0732	0731		
	All other products made in this establishment - <i>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.</i>							
25		18						
26		26						
27		34						
28		42						
29		59						
30		67						
	Contract work Receipts for processing (rolling, drawing, extruding, etc.) of materials owned by others on a toll basis. <i>(Report the quantity of production of these products in the "Quantity produced for all purposes" column, where appropriate, on lines 1-30.)</i>							
31		000930 0087 5						
	All other receipts for work done for others on their own materials. <i>(Specify products worked on and kind of work.)</i> ↘							
32		000930 0014 9						
	Miscellaneous receipts							
33	Sales of scrap and refuse	000999 8013 8						
34	Other miscellaneous receipts (including receipts for repair work, etc.)	000999 8098 9						
35	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						
36	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 <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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