

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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	Shapes and forms (excluding castings, forgings, and fabricated metal products)		↑ short tons ↓					
	Bare steel wire	331222 00 0						
2	Nonferrous shapes and forms		↑ 1000 lb ↓					
	Aluminum and aluminum-base alloy							
	Wire for redrawing	331319 00 4						
3	Extruded shapes (including extruded rod, bar, pipe, tube, etc.)	331316 00 0						
4	All other aluminum and aluminum-base alloy shapes and forms	331000 11 7						
5	Copper and copper-base alloy		↑ 1000 lb ↓					
	Bare wire, electrical (excluding wire for redrawing)	331000 91 9						
6	Wire for redrawing	331421 19 8						
7	Insulated copper wire and cable	331000 A5 8						

CONTINUE WITH **16** ON PAGE 9

33117086

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			
8	Shapes and forms (excluding castings, forgings, and fabricated metal products) - Continued Nonferrous shapes and forms - Continued Copper and copper-base alloy - Continued Rods Alloyed	331421 29 7	1000 lb					
9	Unalloyed	331421 27 1						
10	All other copper and copper-base alloy shapes and forms	331411 11 6	short tons					
11	Nickel and nickel-base alloy	331419 25 9						
12	Precious metals and precious metal alloy (including gold, silver, and platinum)	331419 03 6	troy ounces					
13	Magnesium and magnesium-base alloy . . .	331419 35 8	short tons					
14	Molybdenum and molybdenum-base alloy . .	331419 45 7	1000 lb					
15	Titanium and titanium-base alloy	331491 01 9	short tons					
16	Zinc and zinc-base alloy	331491 05 0						
17	All other nonferrous shapes and forms . . .	331419 21 8						
18	Chemicals and allied products Plastics materials and resins	325211 01 9						
19	All other chemicals and allied products	325000 29 7	1000 lb					
20	Scrap, including iron, steel, aluminum and aluminum-base alloy (excluding home scrap) . . .	001900 60 4						
21	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↴	009700 99 8						
22	TOTAL (Should equal total reported in 16, line A1)	771000 00 7						

17 Not Applicable.

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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
- 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
- 376 Producing fabricated wire products (other than insulated wire and cable) from purchased wire
- 374 Producing fabricated wire products from wire drawn in this establishment
- 416 Producing apparatus wire and cord and flexible cord sets from purchased insulated wire
- 414 Producing apparatus wire and cord and flexible cord sets from wire insulated in this establishment
- 417 Producing insulated fiber optic cable from purchased fiber optic glass strand

19-21 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 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."

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.

CONTINUE WITH 2 ON PAGE 11

33117102

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

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

Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	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	Nickel and nickel-base alloy mill shapes (including nickel-copper alloys) Plate, sheet, and strip (excluding nickel-copper alloys)	331491 1101 6	↑ short tons ↓					
2	Nickel-copper alloy mill shapes and forms (except wire)	331491 1111 5						
3	Nickel and nickel alloy wire, including insulated wire and cable	331491 1118 0						
4	Other nickel shapes (excluding nickel-copper alloys and wire) . .	331491 1106 5						
5	Titanium and titanium-base alloy mill shapes Ingot	331491 3101 4						
6	Forging and extrusion ingot (billet)	331491 3106 3						
7	Other, including sheet, plate, tubing, bar, etc. (excluding wire) .	331491 3111 3						
8	Precious metal mill shapes Gold mill shapes (excluding wire	331491 9101 8						
9	Silver mill shapes (excluding wire)	331491 9106 7						
10	Other, including platinum-group metals (excluding wire)	331491 9111 7						
11	Precious metal wire, including insulated wire and cable	331491 9118 2						
12	All other nonferrous metal mill shapes Lead and lead-base alloy mill shapes Plate, sheet, and strip	331491 C106 3	↑ short tons ↓					
13	Other rolled, drawn, or extruded products, including pipe, tubing, traps, and bends (excluding wire)	331491 C111 3						
14	Tungsten and tungsten-base alloy mill shapes (excluding wire) . . .	331491 C121 2						

CONTINUE WITH 22 ON PAGE 12

33117110

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued								
Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	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		
15	All other nonferrous metal mill shapes - Continued Molybdenum and molybdenum-base alloy mill shapes (excluding wire)	331491 C126 1						
16	Other nonferrous metals,rolled, drawn, and extruded shapes (excluding wire) (Specify kind.) ↘ [Redacted]	331491 C141 0						
17	Other nonferrous wire (except copper, aluminum, nickel, and precious metals), including insulated wire and cable	331491 C218 6						
18	Insulated wire and cable Apparatus wire and cordage and flexible cord sets, (except aluminum, copper, wiring harnesses and fiber optic), made in plants that draw wire, (Corresponds to the value of shipments reported on CIR form MA335J, Insulated Wire and Cable, for 2002.)*	331491 E110 3						
19	Apparatus wire and cordage and flexible cord sets, (aluminum) made in plants that draw wire, (except wiring harnesses and fiber optic) (Corresponds to the value of shipments reported on CIR Form MA335J, Insulated Wire and Cable, for 2002.)*	331491 E101 2						
20	Apparatus wire and cordage and flexible cord sets, (copper) made in plants that draw wire, (except wiring harnesses and fiber optic) (Corresponds to the value of shipments reported on CIR Form MA335J, Insulated Wire and Cable, for 2002.)*	331491 E102 0						

CONTINUE WITH 22 ON PAGE 13

33117128

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

Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	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		
21	Insulated wire and cable - Continued Magnet wire (except aluminum and copper) made in plants that draw wire (except fiber optic) (Corresponds to value of shipments reported on CIR Form MA335J, Insulated Wire and Cable, for 2002.)*	331491 G110 1						
22	Magnet wire (aluminum) made in plants that draw wire (except fiber optic) (Corresponds to the value of shipments reported on CIR Form MA335J, Insulated Wire and Cable, for 2002.)*	331491 G101 0						
23	Magnet wire (copper) made in plants that draw wire (except fiber optic) (Corresponds to the value of shipments reported on CIR Form MA335J, Insulated Wire and Cable, for 2002.)*	331491 G102 8						
24	Insulated wire and cable (except fiber optic) Power wire and cable made from nonferrous metals from purchased wire (Corresponds to the value of shipments reported on CIR Form MA335J, Insulated Wire and Cable, for 2002.)*	335929 4800 5						
25	Electronic wire and cable made from nonferrous metals from purchased wire (Corresponds to value of shipments reported on CIR Form MA335J, Insulated Wire and Cable, for 2002.)*	335929 G100 7						
26	Telephone and telegraph wire and cable made of nonferrous metals from purchased wire (Corresponds to value of shipments reported on CIR Form MA335J, Insulated Wire and Cable, for 2002.)*	335929 J100 4						

CONTINUE WITH **22** ON PAGE 14

33117136

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued									
Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Unit of measure for quantities	Quantity produced for all purposes	Products shipped and other receipts				
					Quantity	Value, f.o.b. plant			Thou.
						\$ Bil.	Mil.		
0734		0730	0736	0733	0732	0731			
27	Insulated wire and cable (except fiber optic) - Continued Control and signal wire and cable, made of nonferrous metals from purchased wire (Corresponds to the value of shipments reported on CIR Form MA335J, Insulated Wire and Cable, for 2002.)*	335929 K100 3							
28	Building wire and cable, made of nonferrous metals from purchased wire (Corresponds to value of shipments reported on CIR Form MA335J, Insulated Wire and Cable, for 2002.)*	335929 M100 1							
29	Other insulated wire and cable, including automotive, made of nonferrous metals from purchased wire (Corresponds to value of shipments reported on CIR Form MA335J, Insulated Wire and Cable, for 2002.)*	335929 P100 8							
30	Steel wire (including galvanized and other coated wire made in plants not producing wire rods or hot-rolled bars made in plants that draw wire) (except fiber optic) (Corresponds to the value of shipments reported on CIR Form MA331B, Steel Mill Products, for 2002.)*	331222 5100 3							
31	Aluminum rolling and drawing, nec, nsk (including ingot, billet, wire and cable, woven wire products, rod, and bar.) (Specify kind.) ↴	331319 WYWW 1							
32	Rolled, drawn, or extruded copper products, nsk (Specify kind.) ↴	331421 WYWW 5							
33	Metal powders, paste, and flakes Other nonferrous metal powders paste, and flakes (Specify kind.) ↴	331492 1431 5							

CONTINUE WITH 22 ON PAGE 15

33117144

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

Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	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>							
34		18						
35		26						
36		34						
37		42						
38		59						
39		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 1-39.</i>)							
40		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>) ↴							
41		000930 0014 9						
	Miscellaneous receipts (including receipts for repair work, scrap, refuse, etc.)							
42		000999 8000 5						
	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.)							
43		000999 8900 6						
44	TOTAL (<i>Should equal 4, line A</i>) . . .	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.

33117177