

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

Produced and Consumed - Forgings, foundries, and screw machine products - Report the quantities produced and used in manufacturing other products made in this establishment in **25**. Note that the materials used to produce these items should be reported in **16**.

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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		
1	Fabricated metal products (excluding castings and forgings)				
	Metal hardware (including hinges, handles, locks, casters, etc.)	332510 05 6			
2	Bolts, nuts, screws, washers, rivets, and other screw machine products	332722 03 2			
3	Wire products (including wire rope, cable, springs, etc.)	332900 09 1			
4	All other fabricated metal products	332000 13 2			
5	Metal stampings	332000 AC 2			
	Castings (rough and semifinished)				
6	Iron and steel	331510 01 6			
7	Aluminum and aluminum-base alloy	331520 05 6			
8	Copper and copper-base alloy	331525 00 6			
9	Zinc and zinc-base alloy	331528 00 0			
10	All other nonferrous castings	331520 07 2			

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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		
11	Forgings	332100 01 5			
	Shapes and forms (excluding castings, forgings, and fabricated metal products)				
	Steel				
12	Bars, bar shapes, and plate	331200 07 1			
13	Sheet, strip, and tin mill products	331200 73 3			
14	Wire and wire products	331200 25 3			
15	All other steel shapes and forms	331200 27 9			
	Copper and copper-base alloy				
16	Rods, bars, and mechanical wire (including extruded and/or drawn shapes)	331421 05 7			
17	Sheet, strip, and plate	331421 33 9			
18	All other copper and copper-base alloy shapes and forms	331421 13 1			
	Aluminum and aluminum-base alloy				
19	Sheet, plate, foil, and welded tubing	331315 01 0			
20	Extruded shapes (including extruded rod, bar, pipe, tube, etc.)	331316 00 0			
21	All other aluminum and aluminum-base alloy shapes and forms	331000 49 7			
22	Zinc and zinc-base alloy refinery shapes	331491 05 0			
23	All other nonferrous shapes and forms	331000 69 5			
24	Metal powders	331000 AA 7			
	Rubber and miscellaneous plastics products				
25	Fabricated rubber products (excluding tires, tubes, hose, belting, and gaskets)	326000 15 5			
26	Plastics products (film, sheet, plate, rod, tube, fabricated shapes including parts, handles, grips, etc.)	326100 03 9			
27	All other rubber and miscellaneous plastics products	326000 03 1			
28	Paperboard containers, boxes, and corrugated paperboard	322210 01 4			
29	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but excluding sheets, rods, tubes, and other shapes	325211 05 0			

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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			
30	Glass products	327200 01 0				
31	Electric motors, generators, and parts	335312 07 0				
32	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) 7	009700 99 8				
33	TOTAL (Should equal total reported in 15, 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 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	Unit of measure for quantities	Products shipped and other receipts				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
1	Furniture hardware (excluding cabinet hardware)							
	Sleeper mechanisms	332510 1101 2						
2	Rotating and tilting furniture fixtures and bases	332510 1106 1						
3	Furniture hardware (including drawer pulls and handles, etc.) (excluding furniture and drawer slides)	332510 1111 1						

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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			
	Furniture hardware (excluding cabinet hardware) - Continued							
4	Furniture and drawer slides	332510 1116 0						
5	Furniture casters	332510 1121 0						
6	Other floor protective furniture hardware devices	332510 1134 3						
	Builders' hardware							
	Padlocks							
7	Pin tumbler	332510 3101 0						
8	All other types	332510 3111 9						
	Doorlocks, locksets, and lock trim							
9	Bored, cylindrical, and tubular (except deadlocks)	332510 3216 6						
10	Mortise (except mortise deadlocks)	332510 3121 8						
11	Tubular and mortise deadlocks	332510 3126 7						
12	Electronically or electrically operated locks	332510 3131 7						
	All other types (Specify kind.) ↘							
13		332510 3133 3						
14	Architectural trim (sold separately) (including protection plates, push plates, pulls, push-pull bars, and lock trim, nec)	332510 3336 2						
15	Key blanks	332510 3341 2						
16	Exit devices (including fire exit hardware)	332510 3346 1						
17	Screen and storm door hardware (including pneumatic and hydraulic closures)	332510 3451 9						
18	Window hardware (including window locks)	332510 3456 8						
19	Miscellaneous closet hardware (including shelving other than wire and decorative shelving)	332510 3361 0						
	Door controls, closers, and checking devices							
20	Surface applied	332510 3363 6						
21	Concealed (overhead, in the door, or on the floor)	332510 3365 1						
22	Electromechanical-pneumatic (with hold-open mechanism released by integral or remote smoke detector)	332510 3367 7						

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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		
	Builders' hardware - Continued						
	Hinges (excluding cabinet hinges; including spring hinges)						
	Butt hinges						
23	3 1/2 inches x 3 1/2 inches or less	332510 3569 8					
24	More than 3 1/2 inches x 3 1/2 inches, either dimension	332510 3571 4					
	Other (<i>Specify kind.</i>) ↴						
25		332510 3573 0					
	Cabinet hardware						
26	Cabinet hinges	332510 3575 5					
27	Cabinet locks	332510 3579 7					
28	Cabinet knobs, pulls, and catches	332510 3581 3					
	Other cabinet hardware (including drawer slides, etc.) (<i>Specify kind.</i>) ↴						
29		332510 3583 9					
30	Hangers, tracks, and related items (except sliding and folding door hardware), residential and commercial	332510 3685 2					
31	Sliding and folding door hardware, residential and commercial	332510 3687 8					
32	Door holders and stops (overhead, surface and concealed; floor and wall mounted)	332510 3689 4					
33	Rim locks and other locking devices, nec	332510 3691 0					
	Other builders' hardware (<i>Specify kind.</i>) ↴						
34		332510 3699 3					
35	Motor vehicle hardware (including lock units, door and window handles, window regulators, hinges, license plate brackets, instrument panel knobs, etc.) (excluding luggage and utility racks)	332510 5103 4					
36	Luggage and utility racks	332510 5101 8					

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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		
37	Other transportation equipment hardware (except motor vehicle hardware) Marine hardware (including shackles, rope sockets, tackle blocks, wire rope clips, clamps, and joiners' hardware)	332510 7101 6					
38	Aircraft hardware	332510 7106 5					
39	Other transportation equipment hardware (including railroad car hardware) (Specify kind.)	332510 7111 5					
40	Safes and vaults Safes and vaults (fire-resistive and burglary-resistive)	332510 3125 9					
41	Safe deposit boxes	332510 3129 1	number				
42	Safe and vault locks	332510 3128 3					
43	All other bank and security vaults and equipment (including bank security lockers, night depositories, security equipment for drive-in windows, and similar equipment and signaling and alarm equipment when sold together with bank equipment) and other interior equipment for safes and chests	332510 3137 4					
44	Other hardware Casket and casket shell hardware	332510 9101 4					
45	Casters and wheels for dollies and industrial hand trucks	332510 9106 3					
46	Fireplace fixtures and equipment, and irons, screens, tongs, and other fire tools	332510 9111 3					
47	Refrigerator and stove hardware	332510 9121 2					
48	Pulleys, metal (except power transmission), and block and tackle	332510 9193 1					
49	Traps, handcuffs and leg irons	332510 9194 9					
50	Ladder jacks, and other like metal products	332510 9195 6					
51	Turnbuckles and hose clamps	332510 9197 2					
52	Fire hose nozzles	332510 9196 4					
53	Other hardware (including saddlery and harness hardware, but excluding drapery hardware)	332510 9198 0					
54	Hose fittings and couplings	332919 3338 1					

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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		
55	Other stamped and pressed metal end products (excluding spinning products)	332116 5295 4					
56	Other fabricated metal products, nec (including metal ironing boards and metal memorial tablets and grave markers)	332999 H397 4					
57	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					
58		26					
59		34					
60		42					
61		59					
62		67					
63	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↘	000930 0000 8					
64	Miscellaneous receipts						
	Sales of scrap and refuse	000999 8013 8					
65	Receipts for repair work	000999 8061 7					
66	Other miscellaneous receipts	000999 8098 9					
67	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					
68	TOTAL (Should equal 4, line A)	770000 0000 8					

23-25 Not Applicable.

33221144

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26 SPECIAL INQUIRIES

SELECTED PRODUCTS PRODUCED AND CONSUMED

- Report below the quantity of each listed item produced in this establishment and used in manufacturing other products made in this establishment.
- Purchases or receipts of the items specified below should be reported only in 16.
- Materials used to produce the items specified below should be reported in 16.
- Quantities produced for sale as such and not for incorporation in other products should be reported in 2.
- Report quantities in the unit of measure specified.

Mark "X" if not performed at this establishment

- 1. Ferrous foundries 8301
- 2. Nonferrous foundries, excluding die-casting
 - a. Aluminum 8302
 - b. Copper 8303
 - c. Zinc 8304
 - d. Other 8305
- 3. Nonferrous die-casting foundries 8306
- 4. Did this establishment produce precision turned products (on screw machines, turning centers, and CNC equipment)?

Unit of measure for quantities	Quantities produced in this establishment and used in manufacturing other products made in this establishment
short tons	
1000 lb	
1000 lb	
1000 lb	
1000 lb	
1000 lb	

8308 Yes 8309 No

27 Not Applicable.



33221151

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"/>
0923 <input type="checkbox"/>	8072 <input type="checkbox"/>	0943 <input type="checkbox"/>	0963 <input type="checkbox"/>
0924 <input type="checkbox"/>	8073 <input type="checkbox"/>	0944 <input type="checkbox"/>	0964 <input type="checkbox"/>
0925 <input type="checkbox"/>	8074 <input type="checkbox"/>	0945 <input type="checkbox"/>	0965 <input type="checkbox"/>
0926 <input type="checkbox"/>	8075 <input type="checkbox"/>	0946 <input type="checkbox"/>	0966 <input type="checkbox"/>
0927 <input type="checkbox"/>	8076 <input type="checkbox"/>	0947 <input type="checkbox"/>	0967 <input type="checkbox"/>
0928 <input type="checkbox"/>	8077 <input type="checkbox"/>	0948 <input type="checkbox"/>	0968 <input type="checkbox"/>
0932 <input type="checkbox"/>	8078 <input type="checkbox"/>	0952 <input type="checkbox"/>	0972 <input type="checkbox"/>

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 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.

33221177