

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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		
1	Fabricated metal products (excluding forgings)				
	Bolts, nuts, screws, rivets, washers, and screw machine products	332722 03 2			
2	Other fabricated metal products	332000 95 9			
	Castings (rough and semifinished)				
3	Iron and steel	331510 01 6			
4	Aluminum and aluminum-base alloy	331520 05 6			
5	Other nonferrous	331520 03 1			
	Forgings				
6	Iron and steel forgings	332111 01 2			
7	Aluminum and aluminum-base alloy	332112 03 6			
8	Other nonferrous	332112 07 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		
9	Shapes and forms (excluding castings, forgings, and fabricated metal products)				
	Steel	331200 01 4			
10	Copper and copper-base alloy	331421 11 5			
11	Aluminum and aluminum-base alloy	331000 39 8			
12	All other nonferrous shapes and forms	331000 83 6			
	Chemicals and allied products				
13	Smokeless powder	325920 11 4			
14	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but excluding sheets, rods, tubes, and shapes	325211 05 0			
15	Other chemicals and allied products	325000 65 1			
16	Rough and dressed lumber	321000 19 2			
17	Paperboard containers, boxes, and corrugated paperboard	322210 01 4			
18	Fabricated plastics products (excluding gaskets)	326100 11 2			
19	Machine tool accessories, including cutting tools	333515 01 3			
20	Electronic, hydraulic, and mechanical subassemblies	001900 55 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			

17-21 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	Unit of measure for quantities	Products shipped and other receipts				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
	Tanks and tank components							
1	Tanks and parts	336992 0111 8						
2	Self-propelled weapons and parts	336992 0214 0						
3	Other full-tracked combat vehicles and armored vehicles (including parts)	336992 0217 3						
	Small arms ammunition, 30 mm or less (or 1.18 inches or less) for small fire-arms (rifles, shotguns, and side-arms)		↑ 1000 units ↓					
	Cartridges							
4	Rimfire rifle/pistol	332992 0101 3						
5	Centerfire rifle	332992 0206 0						
6	Centerfire pistols (including cartridges interchangeable between rifles and pistols)	332992 0311 8						
7	Shotgun shells	332992 0416 5						
	Ammunition components							
8	Primers	332992 0521 2						
9	All other (including wads, shot cases (primed or unprimed), bullets, bullet jackets, and cases)	332992 0626 9						
10	Other ammunition products (including industrial shells and cartridges, air gun ammunition, and percussion caps)	332992 0731 7						
	Artillery ammunition, more than 30 mm (or more than 1.18 inches)							
11	Complete rounds, loaded	332993 1101 0						
12	Steel cases only	332993 1106 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	Products shipped and other receipts				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
	Artillery ammunition, more than 30 mm (or more than 1.18 inches) - Continued							
13	Projectile metal parts	332993 1111 9						
14	Other components (including primers, fuses, boosters, and nonsteel cases)	332993 1116 8						
15	Receipts for artillery ammunition loading and assembly	332993 1121 8						
16	Ammunition (except for small arms), nec Bombs, depth charges, mines, torpedoes, etc., and parts	332993 3101 8						
17	Rockets (other than guided missiles) and parts	332993 3206 5						
18	Machine guns, 30 mm or less (or 1.18 inches or less)	332994 1100 0	1000 units					
19	Small arms, 30 mm or less (or 1.18 inches or less) Pistols and revolvers Centerfire Overall length 6 inches or less	332994 3101 6						
20	All other (including units with interchangeable barrels)	332994 3206 3						
21	Rimfire	332994 3311 1						
22	Rifles Centerfire Semiautomatic	332994 3416 8						
23	Bolt repeater	332994 3421 8						
24	All other types	332994 3426 7						
25	Rimfire	332994 3431 7						
26	Single barrel shotguns	332994 3536 3						
27	Other small firearms, 30 mm or less (including double barrel shotguns and combination rifle-shotguns) - (Specify kind.) ↴	332994 3541 3						
28	Parts and attachments for small firearms	332994 3546 2						
29	Guns, howitzers, turrets (except aircraft turrets and aircraft turret drives), mounts, and carriages (except self-propelled), and mortars, assembled and recoilless rifles more than 30 mm (or more than 1.18 inches)	332995 1110 6						

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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		
30	Parts and other related equipment for heavy weapons	332995 1116 3					
31	Ordnance and accessories, not specified above, such as rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc., and their parts (Specify kind.) ↘	332995 2100 6					
32	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					
33		26					
34		34					
35		42					
36		59					
37		67					
38	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↘	000930 0000 8					
39	Miscellaneous receipts Sales of scrap and refuse	000999 8013 8					
40	Receipts for research and developmental work	000999 8041 9					
41	Other miscellaneous receipts (including receipts for repair work, etc.)	000999 8098 9					
42	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					
43	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		
			-			-		
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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