

**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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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	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		
<b>1</b>	Natural rubber						
	Latex (dry solids content) . . . . .	113210 05 8					
<b>2</b>	Dry . . . . .	113210 03 3					
	Chemicals and allied products		↑ 1000 lb ↓				
<b>3</b>	Inorganic pigments . . . . .	325131 07 6					
<b>4</b>	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but excluding sheets, rods, tubes, and shapes . . .	325211 05 0					
<b>5</b>	Synthetic rubber, including all elastomers . . .	325212 01 7					
<b>6</b>	Rubber processing chemicals (accelerators, antioxidants, blowing agents, inhibitors, peptizers, etc.) . . . . .	325100 55 0					
<b>7</b>	Plasticizers . . . . .	325100 59 2					
<b>8</b>	Carbon black . . . . .	325182 00 4	1000 lb				
<b>9</b>	All other chemical and allied products . . . . .	325000 63 6					

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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			
<b>10</b>	Rubber products							
	Reclaimed rubber, excluding mud and crumb or ground scrap . . . . .	326299 01 3	1000 lb					
<b>11</b>	Rubber compounds and mixtures purchased (dry rubber solids content) . . . . .	326299 05 4						
<b>12</b>	All other rubber products . . . . .	326000 19 7						
	Tire cord and tire fabrics							
<b>13</b>	Nylon cord . . . . .	314992 01 7	1000 lb					
<b>14</b>	Polyester cord . . . . .	314992 03 3						
<b>15</b>	Metallic cord . . . . .	314992 05 8						
<b>16</b>	All tire fabrics and rayon, fiberglass, chafer, and other tire cord . . . . .	314992 07 4						
<b>17</b>	Fabricated metal products, excluding forgings . . .	332000 81 9						
<b>18</b>	Steel wire . . . . .	331200 11 3	short tons					
<b>19</b>	Paper and paperboard containers (including shipping sacks and other paper packaging supplies) . . . . .	322200 17 1						
<b>20</b>	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						
<b>21</b>	<b>TOTAL</b> (Should equal total reported in <b>16</b> , line A1)	771000 00 7						

**17-21** Not Applicable.

32610099

**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."

**Definitions** - The term "rubber" includes products made from natural, synthetic, or reclaimed rubbers. The term "plastics" is defined to include synthetic resinous materials which are not described as "elastomers," a material which, when vulcanized, will stretch repeatedly to 150 percent or more and will return rapidly and with force to its approximate original state. Synthetic elastomers include synthetic rubber.

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			
<b>1</b>	Tire and inner tubes, new ( <i>Report factory rebuilt and retreaded tires on line 23.</i> ) Passenger car pneumatic tires (casings)		1000 tires					
	Radial . . . . .	326211 1112 2						
<b>2</b>	Other . . . . .	326211 1115 5						
	Truck and bus (including off-the-highway pneumatic tires) Light truck							
<b>3</b>	Radial . . . . .	326211 3111 2						
<b>4</b>	Other . . . . .	326211 3212 8						
	Large off-the-highway (sizes 16.00 inches and larger)							
<b>5</b>	Radial . . . . .	326211 3221 9						
<b>6</b>	Other . . . . .	326211 3222 7						
	Other truck and bus tires, pneumatic types							
<b>7</b>	Radial . . . . .	326211 3231 8						
<b>8</b>	Other . . . . .	326211 3232 6						
<b>9</b>	Tractor and implement (farm and industrial) pneumatic . . . . .	326211 7100 1	1000 tires					
<b>10</b>	Industrial and utility pneumatic (including garden) . . . . .	326211 9100 9						

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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	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			
11	Tire and inner tubes, new (Report factory rebuilt and retreaded tires on line 23.) - Continued Other pneumatic ties and casing (including motor bike, motorcycle, moped, bicycle, aircraft, and mobile home)	326211 B100 6						
12	Solid and semipneumatic tires Solid tires (industrial, highway, bogie, idler, and support rollers)	326211 D139 2	1000 tires					
13	Other solid and semipneumatic tires (including hand lawnmower, baby carriage, tricycle, juvenile, etc.)	326211 D152 5						
14	Inner tubes Passenger car and motorcycle	326211 F121 8	1000 tubes					
15	Truck and bus inner tubes (including off-the-highway)	326211 F123 4						
16	All other inner tubes (including tractor and implement (farm and industrial), aircraft, industrial, utility, garden, and bicycle)	326211 F127 5						
17	Tread rubber, tire sundries, and repair materials Tread rubber (camelback) (including slab rubber for use in automatic tread rubber extruding machines)	326211 H111 7						
18	Tire flaps	326211 H231 3						
19	Other tire sundries, repair materials, and tiring	326211 H239 6						
20	Rubber compounds or mixtures for sale or interplant transfer (excluding slab rubber for use in automatic tread rubber extruding machines)	326299 6100 7						
21	Reclaimed rubber (any vulcanizable material except reclaimed residue or mud derived from processing or treatment of natural or synthetic (chemical) vulcanized scrap rubber) (Report sales of crumb or ground rubber, grindings of scrap rubber not devulcanized by the pan or digester process on line 31.)	326299 9121 0						
22	Synthetic resin and rubber adhesives (including all types of bonding and laminating adhesives) (Specify kind.)	325520 4YVV 3						
23	Tire rebuilding and retreading	326212 0100 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			
	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.							
<b>24</b>		18						
<b>25</b>		26						
<b>26</b>		34						
<b>27</b>		42						
<b>28</b>		59						
<b>29</b>		67						
	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴							
<b>30</b>		000930 0000 8						
<b>31</b>	Miscellaneous receipts (including receipts for repair work, scrap, refuse, etc.)	000999 8000 5						
<b>32</b>	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						
<b>33</b>	<b>TOTAL</b> (Should equal 4, line A)	770000 0000 8						

**23-27** Not Applicable.



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

**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"/>
<b>1.</b> Product design/engineering . . . . .			
<b>2.</b> Order fulfillment			
0923 <input type="checkbox"/>	8072 <input type="checkbox"/>	0943 <input type="checkbox"/>	0963 <input type="checkbox"/>
<b>a.</b> 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>b.</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"/>
<b>c.</b> Warehousing of finished products . . . . .			
0926 <input type="checkbox"/>	8075 <input type="checkbox"/>	0946 <input type="checkbox"/>	0966 <input type="checkbox"/>
<b>d.</b> 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"/>
<b>e.</b> 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"/>
<b>f.</b> 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"/>
<b>g.</b> 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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