

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

INFORMATION COPY  
 DO NOT USE TO REPORT

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		
<b>1</b>	Cork products . . . . .	321999 01 3			
<b>2</b>	Building paper and board . . . . .	322120 29 6			
<b>3</b>	Natural rubber . . . . .	113210 01 7			
<b>4</b>	Synthetic rubber . . . . .	325212 05 8			
<b>5</b>	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but excluding sheets, rods, tubes, and other shapes . . . . .	325211 05 0			
<b>6</b>	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes . . . . .	326100 13 8			
<b>7</b>	Fabricated rubber products, excluding tires, tubes, hose, belting, and gaskets	326000 17 1			
<b>8</b>	Natural graphite . . . . .	327992 13 7			
<b>9</b>	Carbon, ground or treated . . . . .	327992 01 2			
	Fabricated metal products (including forgings)				
<b>10</b>	Wire products (including springs and spring wire) . . . . .	332900 09 1			
<b>11</b>	All other fabricated metal products . . . . .	332000 15 7			

CONTINUE WITH **16** ON PAGE 9

33912080

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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		
<b>12</b>	Steel shapes and forms				
	Tinplate, tin free steel, terneplate, and blackplate . . . . .	331200 13 9			
<b>13</b>	All other steel shapes and forms . . . . .	331200 77 4			
<b>14</b>	Gaskets and packing and sealing devices (all types) . . . . .	339991 03 6			
<b>15</b>	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↴	009700 99 8			
<b>16</b>	<b>TOTAL</b> (Should equal total reported in <b>15</b> , 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."

CONTINUE WITH **22** ON PAGE 10

33912098

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

Line No.	Products and services	Census product code	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
	0734	0730	0731		
	Compression packings				
<b>1</b>	Synthetic fiber and plastics composition compression packings . . . . .	339991 1111 6			
<b>2</b>	Other compression packings . . . . .	339991 1121 5			
	Nonmetallic gaskets and gasketing				
<b>3</b>	Elastomeric gaskets and gasketing . . . . .	339991 3111 4			
<b>4</b>	Graphite gaskets and gasketing . . . . .	339991 3221 1			
<b>5</b>	Paper, felt base, and plant fiber gaskets and gasketing . . . . .	339991 3331 8			
<b>6</b>	Cork and cork composition gaskets and gasketing . . . . .	339991 3341 7			
<b>7</b>	Other nonmetallic gaskets and gasketing . . . . .	339991 3351 6			
	Molded packings and seals				
<b>8</b>	Molded O-rings, including spliced O-rings . . . . .	339991 5111 2			
<b>9</b>	Other molded squeeze-type solid-section ring seals, including D-rings, quad seals, rectangular seals, and T-rings . . . . .	339991 5221 9			
<b>10</b>	Molded dual-component cushioned ring flexible seals that are backed, constrained, or loaded by an elastomeric ring . . . . .	339991 5231 8			
<b>11</b>	Molded single-component and multiple-component lip-type flexible seals, including collar seals, cup seals, flange seals, single-lip nonsymmetrical seals, U-cups, V-rings, and V-ring sets . . . . .	339991 5241 7			
<b>12</b>	Molded diaphragm seals . . . . .	339991 5251 6			
<b>13</b>	Other molded packings and seals, including leather and plastics seals and nonmetallic exclusion devices . . . . .	339991 5261 5			
	Metallic gaskets and machined seals				
<b>14</b>	Spiral-wound gaskets . . . . .	339991 7111 0			
<b>15</b>	Other metallic gaskets and machined seals, including metallic exclusion devices . . . . .	339991 7121 9			
	Axial mechanical face seals and parts				
	Complete axial mechanical face seals				
<b>16</b>	Complete axial mechanical face seals with single-coil springs . . . . .	339991 8111 9			
<b>17</b>	Complete axial mechanical face seals with multiple-coil springs . . . . .	339991 8121 8			
<b>18</b>	Complete axial mechanical face seals with bellows . . . . .	339991 8131 7			
<b>19</b>	Other complete axial mechanical face seals, including clearance and labyrinth axial mechanical face seals . . . . .	339991 8141 6			
<b>20</b>	Parts for axial mechanical face seals . . . . .	339991 8251 3			

CONTINUE WITH 22 ON PAGE 11

33912106

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

Line No.	Products and services	Census product code	Products shipped and other receipts			
			Value, f.o.b. plant			
			\$ Bil.	Mil.	Thou.	
	0734	0730	0731			
<b>21</b>	Rotary oil seals Sprung (spring-loaded) bonded rotary oil seals (An elastomeric material is bonded chemically to a reinforcing insert during vulcanization. The configuration is designed to retain an annular compression or extension spring.) . . . . .	339991 9111 8				
<b>22</b>	Nonmetallic rotary oil seals (These can be bonded or assembled seals using nonmetallic reinforcing members or all rubber, which may rely on the application housing for proper support.) . . . . .	339991 9141 5				
<b>23</b>	Other rotary oil seals, including unsprung (nonspring-loaded) bonded, displacement, inflatable, labyrinth, boundary lubrication, all-metallic, nonbonded-assembled, proximity, and unitized rotary oil seals . . . . .	339991 9161 3				
	Piston rings					
	Oil-type piston rings					
<b>24</b>	Oil-type piston rings for motor vehicle engines . . . . .	336311 3205 8				
<b>25</b>	Other oil-type piston rings . . . . .	336311 3207 4				
	Compression-type piston rings					
<b>26</b>	Compression-type piston rings for motor vehicle engines . . . . .	336311 3209 0				
<b>27</b>	Other compression-type piston rings . . . . .	336311 3211 6				
	Molded rubber mechanical goods, excluding all latex foam, chemically blown products, and polyurethane products					
<b>28</b>	Automotive molded rubber mechanical goods . . . . .	326291 1100 9				
<b>29</b>	Transportation (except automotive) and off-highway machinery and equipment molded rubber mechanical goods . . . . .	326291 2100 8				
<b>30</b>	Other molded rubber mechanical goods . . . . .	326291 3100 7				
	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>					
<b>31</b>		18				
<b>32</b>		26				
<b>33</b>		34				
<b>34</b>		42				
<b>35</b>		59				
<b>36</b>		67				

CONTINUE WITH **22** ON PAGE 12

33912114

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

Line No.	Products and services	Census product code	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
<b>37</b>	Contract work - Receipts for work done for others on their materials ( <i>Specify products worked on and kind of work.</i> ) ↘	000930 0000 8			
<b>38</b>	Miscellaneous receipts (including receipts for repair work, scrap, refuse, etc.)	000999 8000 5			
<b>39</b>	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (The cost of such items should be reported in <b>15</b> , line A2.) . . . . .	000999 8900 6			
<b>40</b>	<b>TOTAL</b> ( <i>Should equal <b>4</b>, line A</i> ) . . . . .	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



33912130

**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" style="display: inline-table; vertical-align: middle;"> <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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