

**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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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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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>	Fluid power products, hydraulic and pneumatic . . . . .	001900 90 1			
<b>2</b>	Electric motors and generators . . . . .	335312 01 3			
<b>3</b>	Ball and roller bearings (mounted or unmounted) . . . . .	332991 01 7			
	Fabricated metal products (excluding fluid power products and forgings)				
<b>4</b>	Pipe, valves, and pipe fittings, excluding fluid power . . . . .	332919 01 8			
<b>5</b>	Bolts, nuts, screws, washers, rivets, and screw machine products . . . . .	332722 03 2			
<b>6</b>	Fabricated structural metal products, including metal tanks, heat exchangers, steam condensers, other boiler products, steel plate, weldments, and sheet metal products . . . . .	332000 99 1			
<b>7</b>	Other . . . . .	332000 51 2			
<b>8</b>	Forgings . . . . .	332100 01 5			
	Castings (rough and semifinished)				
<b>9</b>	Iron and steel . . . . .	331510 01 6			
<b>10</b>	Nonferrous (aluminum, copper, etc.) . . . . .	331520 11 4			

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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		
	Shapes and forms (excluding castings, forgings, and fabricated metal products)				
	Steel				
<b>11</b>	Bars, bar shapes, and plate . . . . .	331200 07 1			
<b>12</b>	Sheet and strip . . . . .	331200 17 0			
<b>13</b>	All other steel shapes and forms . . . . .	331200 33 7			
	Nonferrous				
<b>14</b>	Aluminum and aluminum-base alloy . . . . .	331000 39 8			
<b>15</b>	Other . . . . .	331000 77 8			
<b>16</b>	Flexible packaging materials and paperboard containers and boxes and corrugated paperboard . . . . .	001900 11 7			
<b>17</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>18</b>	<b>TOTAL</b> ( <i>Should equal total reported in 15, line A1</i> ) . . . . .	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."

**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. For corresponding survey item codes, see paragraph 4, "Comparability," of CIR Instruction Manual.

**NOTE:** Only totals are requested; do not duplicate detail reported on the CIR.

Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
<b>1</b>	Centrifugal fans and blowers (except parts and attachments and power roof ventilators)				
	Blower-filter units . . . . .	333412 0217 5			
<b>2</b>	Classes I and II fans (more than 1 1/2 inches to 6 3/4 inches maximum total pressure) . . . . .	333412 0219 1			
<b>3</b>	Classes III and IV fans (more than 6 3/4 inches maximum total pressure)	333412 0221 7			
<b>4</b>	Industrial fans (excluding blowers, turbo blowers, and multistage blowers) . . . . .	333412 0324 9			
<b>5</b>	Positive displacement blowers (excluding turboblowers) . . . . .	333412 0327 2			
<b>6</b>	Multistage blowers . . . . .	333412 0329 8			
<b>7</b>	Other centrifugal fans and blowers (including small housed blowers or utility sets, furnace blowers, lightweight air-conditioning blowers, and turboblowers) . . . . .	333412 0344 7			
<b>8</b>	Propeller fans and accessories, axial fans, and power roof ventilators, and parts for all fans and blowers Axial fans Directly connected to driver . . . . .	333412 0463 5			
<b>9</b>	Belt-driven . . . . .	333412 0465 0			

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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 *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Products shipped and other receipts			
			Value, f.o.b. plant			
			\$ Bil.	Mil.	Thou.	
	0734	0730	0731			
	Propeller fans and accessories, axial fans, and power roof ventilators, and parts for all fans and blowers - Continued					
	Industrial propeller fans					
10	Directly connected to driver . . . . .	333412 0573 1				
11	Belt-driven . . . . .	333412 0575 6				
12	Penthouses, shutters, guards, and other parts and accessories for industrial centrifugal, axial, and propeller fans and blowers (except power roof ventilators) . . . . .	333412 0688 7				
	Power roof ventilators group					
13	Axial and propeller type . . . . .	333412 0101 1				
14	Centrifugal type . . . . .	333412 0104 5				
15	Parts for power roof ventilators . . . . .	333412 0107 8				
	Dust collection, air purification equipment, and air washers for heating, ventilating, and air-conditioning systems, clean room applications, and similar functions (for cleaning incoming air)					
16	Air washers (except parts) . . . . .	333411 3207 5				
	Dust collection and other air purification equipment for heating, ventilating, and air-conditioning systems (except parts)					
17	Electrostatic precipitation equipment . . . . .	333411 3211 7				
18	Air filters for air-conditioners and furnaces, etc., of 2400 CFM or less	333411 3103 6				
	Other dust collection and other air purification equipment (including air filters for air-conditioners and furnaces, etc., of more than 2400 CFM) (Specify kind.) ↴					
19		333411 3231 5				
20	Parts . . . . .	333411 3355 2				
21	Dust collection and other air purification equipment for industrial gas cleaning systems (for cleaning outgoing air) . . . . .	333411 1110 3				
22	Parts for industrial air purification equipment . . . . .	333411 1165 7				
	Filters and strainers (except for fluid power systems, motor vehicles, and internal combustion engines)					
	Filter and strainer assemblies (containment or housing devices), with or without filter element installed					
23	For water . . . . .	333999 1104 0				
24	For other fluids . . . . .	333999 1108 1				

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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	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
	Filters and strainers (except for fluid power systems, motor vehicles, and internal combustion engines) - Continued				
	Filter replacement elements (media)				
<b>25</b>	Reusable (cleanable) . . . . .	333999 1111 5			
<b>26</b>	Nonreusable, including disposable (throwaway) litter cartridges . . .	333999 1212 1			
<b>27</b>	Parts and accessories, sold separately . . . . .	333999 1389 7			
	Electric motors and generators				
	Fractional horsepower motors (rated at less than 746 watts) (excluding hermetics) (Corresponds to value of shipments reported on CIR Form MA335H, Motors and Generators, for 2002)* . . . . .	335312 1100 2			
<b>28</b>					
<b>29</b>	Integral horsepower motors and generators (except for land transportation equipment) (Corresponds to value of shipments reported on CIR Form MA335H, Motors and Generators, for 2002.)* . . . . .	335312 3100 0			
<b>30</b>	Other, including generator sets, hermetics, and other rotating equipment, and land transportation motors and generators (Corresponds to value of shipments reported on CIR Form MA335H, Motors and Generators, for 2002.)* . . . . .	335312 WYWW 2			
<b>31</b>	Parts, supplies for motors, generators, generator sets, and other rotating equipment, excluding motors for built-in jobs . . . . .	335312 C100 0			
<b>32</b>	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>	18			
<b>33</b>		26			
<b>34</b>		34			
<b>35</b>		42			
<b>36</b>		59			
<b>37</b>		67			
<b>38</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>39</b>	Miscellaneous receipts (including receipts for repair work, scrap, refuse, etc.)	000999 8000 5			
<b>40</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>41</b>	<b>TOTAL</b> (Should equal 4, line A) . . . . .	770000 0000 8			

**23-27** Not Applicable.

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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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