

**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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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>	Fabricated metal products (excluding forgings)				
	Sheet metal products (excluding stampings) . . . . .	332000 A9 9			
<b>2</b>	Bolts, nuts, screws, rivets, washers, and screw machine products . . . . .	332722 03 2			
<b>3</b>	All other fabricated metal products . . . . .	332000 87 6			
<b>4</b>	Forgings . . . . .	332100 01 5			
	Castings (rough and semifinished)				
<b>5</b>	Iron and steel . . . . .	331510 01 6			
<b>6</b>	Nonferrous (aluminum, copper, etc.) . . . . .	331520 11 4			
<b>7</b>	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products) . . . . .	331000 39 8			
<b>8</b>	Copper and copper-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products) . . . . .	331421 11 5			

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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		
<b>9</b>	Shapes and forms (excluding castings, forgings, and fabricated metal products) Steel Bars, bar shapes, and plate . . . . .	331200 07 1			
<b>10</b>	Structural shapes and sheet piling . . . . .	331200 19 6			
<b>11</b>	All other steel shapes and forms . . . . .	331200 89 9			
<b>12</b>	All nonferrous shapes and forms . . . . .	331000 AJ 9			
<b>13</b>	Printed circuit boards (without inserted components) for electronic circuitry	334412 00 4			
<b>14</b>	Semiconductors, including transistors, diodes, rectifiers, and integrated circuits . . . . .	334413 00 2			
<b>15</b>	Resistors, capacitors, transformers, transducers, and other electronic-type components and accessories (excluding semiconductors and electron tubes)	001900 B6 5			
<b>16</b>	Appliance outlets, switches, lampholders, and other current carrying wiring devices . . . . .	335931 03 6			
<b>17</b>	Insulated wire and cable, including magnet wire . . . . .	331000 A7 4			
<b>18</b>	Electrical transmission, distribution, and control equipment (including coils, switches, relays, regulators, motor controls, etc.) . . . . .	001900 B1 6			
<b>19</b>	Electronic computing equipment . . . . .	334100 01 3			
<b>20</b>	Electric motors and generators (all types) . . . . .	335312 01 3			
<b>21</b>	Industrial controls . . . . .	335314 15 9			
<b>22</b>	Liquid crystal display screens (LCD), including LED . . . . .	334419 00 9			
<b>23</b>	Purchased peripheral printers . . . . .	334119 05 4			
<b>24</b>	Purchased peripheral input devices, including keyboards, mouse devices, track balls, etc. . . . .	334119 03 9			
<b>25</b>	Paperboard containers, boxes, and corrugated paperboard . . . . .	322210 01 4			
<b>26</b>	Fabricated plastics products (excluding gaskets, hoses, and belting) . . . . .	326100 11 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		
<b>27</b>	Fabricated rubber products, excluding gaskets . . . . .	326000 11 4			
<b>28</b>	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			
<b>29</b>	<b>TOTAL</b> (Should equal total reported in 16, 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 22. 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>	Vehicle and industrial scales				
	Motor truck scales . . . . .	333997 1101 0			
<b>2</b>	Railroad track scales . . . . .	333997 1103 6			

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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		
	Vehicle and industrial scales - Continued				
	Industrial scales				
3	Bench and portable . . . . .	333997 1205 9			
4	Floor scales, dormant, pitless . . . . .	333997 1207 5			
5	Automatic checkweigher and bulkweigher . . . . .	333997 1209 1			
6	Over-under (predetermined weight) . . . . .	333997 1211 7			
7	Miscellaneous industrial scales (including special-purpose, crane, suspension, tank, hopper, force measuring devices, and conveyor scales (weigh and feed) for bulk materials) . . . . .	333997 1313 1			
8	Counting scales (Exclude any scales included on lines 3 through 7.) . . . . .	333997 1215 8			
	Retail, commercial, household, and mailing scales				
9	Retail and commercial scales, including delicatessen, checkstand, and automatic prepack . . . . .	333997 3102 6			
10	Household and person-weighing scales (coin-operated, free weighing, kitchen, and baby) . . . . .	333997 3105 9			
11	Mailing and parcel post scales (including handheld) . . . . .	333997 3107 5			
	Balances				
12	Laboratory scales and balances (Corresponds to value of shipments reported on CIR Form MA334B, Selected Instruments and Related Products, for 2002, item code 4521.)* . . . . .	339111 0110 4			
13	Other balances with or without weights (of all sensitivities) . . . . .	333997 3109 1			
	Parts, attachments, and accessories for scales and balances (sold separately)				
14	Printers . . . . .	333997 5101 6			
15	Digital indicators . . . . .	333997 5103 2			
16	Other . . . . .	333997 5105 7			
17	Parts for scales and balances (sold for assembly elsewhere, repair, services, etc.) . . . . .	333997 5107 3			

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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		
<b>18</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>19</b>		26			
<b>20</b>		34			
<b>21</b>		42			
<b>22</b>		59			
<b>23</b>		67			
<b>24</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>25</b>	Miscellaneous receipts (including receipts for repair work, scrap, refuse, etc.)	000999 8000 5			
<b>26</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>27</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 <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	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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