

**17** 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.

Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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 amounts 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 as 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 **16**, 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 **16**, line A2, not in **17**. The value of these products shipped by this establishment should be reported in **2** under Census product code 999890 0000, "Resales."

**Produced and Consumed** - Forgings, foundries, and screw machine products - Report the quantities produced and used in manufacturing other products made in this establishment in **29**. Note that the materials used to produce these items should be reported in **17**.

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)				
	Bolts, nuts, screws, rivets, washers, and screw machine products . . . . .	332722 03			
<b>2</b>	Other fabricated metal products (excluding forgings, bolts, nuts, screws, rivets, washers, and screw machine products) . . . . .	332001 01			
<b>3</b>	Forgings . . . . .	332110 00			
	Castings (rough and semifinished)				
<b>4</b>	Iron and steel . . . . .	331510 01			
<b>5</b>	Aluminum and aluminum-base alloy . . . . .	331520 05			
<b>6</b>	Other nonferrous metal castings . . . . .	331520 04			
	Shapes and forms (excluding castings, forgings, and fabricated metal products)				
	Steel				
<b>7</b>	Bars, bar shapes, and plate . . . . .	331200 07			
<b>8</b>	Steel sheet and strip (including tinplate) . . . . .	331000 22			

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CONTINUE WITH **17** ON PAGE 9

CONTINUE ON PAGE 9

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**17** 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) - Continued Steel - Continued Structural shapes and sheet piling . . . . .	331000 25			
<b>10</b>	All other steel shapes and forms . . . . .	331200 92			
<b>11</b>	Copper and copper-base alloy Rods, bars, and mechanical wire (including extruded and/or drawn shapes) . . . . .	331421 05			
<b>12</b>	All other copper and copper-base alloy shapes and forms (excluding castings, forgings, fabricated metal products, rods, bars, bare wire, mechanical wire, pipes, tubes, sheet, plate, and strip) . . . . .	331421 46			
<b>13</b>	Aluminum and aluminum-base alloy Sheet, plate, foil, and welded tubing . . . . .	331315 00			
<b>14</b>	All other aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, sheet, plate, foil, welded tubing, and fabricated metal) . . . . .	331000 54			
<b>15</b>	All other nonferrous metal shapes and forms . . . . .	331000 03			
<b>16</b>	Machine tool accessories (including cutting tools) . . . . .	333515 05			
<b>17</b>	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↴	009700 99			
<b>18</b>	<b>TOTAL</b> (Should equal total reported in <b>16</b> , line A1) . . . . .	771000 00			

**18-21** 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 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.

**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 999890 0000, "Resales."

**Special Reporting Instructions and Definitions-**

Contract work requested on line covers manufacturing activities performed only on materials owned by others and excludes any machine shop job work or job order repairs.

If another company makes products for you from your materials on a contract basis, report the value of these products on lines 1 through 28 but not on line .

Receipts for repair work requested on line cover occasional repairs not done on a factory basis and exclude any machine shop job order repairs.

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>1</b>	Receipts for machine shop job work and job order repair (including the following activities and operations: producing machinery parts, all types; repairing machinery parts, all types; machining of castings, crankshafts, etc.; grinding, boring, milling, and other machining activities ( <i>Report sharpening services on line 6</i> ); and repairing of machinery on a factory basis) . . . . .	332710 0100			
<b>2</b>	Metal services Heat treating of metal (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.) . . . . .	332811 0100			
<b>3</b>	Metal coating, engraving and etching (excluding jewelry and silverware), and allied services to manufacturers ( <i>Specify kind.</i> ) ↘	332812 0808			
<b>4</b>	Electroplating, plating, polishing, anodizing, coloring, and laminating steel for the trade . . . . .	332813 0200			
<b>5</b>	Steel service centers (including steel slitting on a customer basis) . . . . .	950510 0000			
<b>6</b>	Sharpening services . . . . .	976990 0000			
<b>7</b>	Welding repair shop (welding service) . . . . .	976920 0000			
<b>8</b>	Steel slitting on a contract basis . . . . .	973890 1000			
<b>9</b>	Weldments and fabricated steel plate . . . . .	332313 0346			
<b>10</b>	Aluminum, steel, and other sheet metal work Culverts, flumes, irrigation pipes, etc. . . . .	332322 3100			
<b>11</b>	Roofing, all types, and roof drainage equipment (including eave troughs, etc.) . . . . .	332322 7100			

CONTINUE WITH 22 ON PAGE 11

33225103



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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		
12	Aluminum, steel, and other sheet metal work - Continued Other steel sheet metal work (Specify kind.) ↴	332322 G326			
13	Other aluminum sheet metal work (Specify kind.) ↴	332322 G331			
14	Other sheet metal work (metals other than steel and aluminum) (Specify kind.) ↴	332322 G336			
15	Job stampings for the trade Automotive . . . . .	336370 0100			
16	Recreational vehicle stampings (motor homes, travel trailers, etc.) . . . . .	332116 1101			
17	Aviation stampings . . . . .	332116 1311			
18	Other job stampings (excluding automotive) (Specify kind.) ↴	332116 1398			
19	Other stamped and pressed metal end products (excluding spinning products) (Specify kind.) ↴	332116 6295			
20	Precision turned products (made on CNC turning centers or screw machines) For automotive use . . . . .	332721 1100			
21	For other use (Specify kind.) ↴	332721 3100			
22	Flexible steel hose and tubing (including steel, stainless steel, aluminum, copper, alloys and other types) . . . . .	332999 5100			
23	Bolts, nuts, screws, rivets, and washers, such as: (a) aircraft (including aerospace) fasteners other than plastics (meet specifications for flying vehicles); (b) externally threaded metal fasteners, excluding aircraft types; (c) internally threaded metal fasteners, excluding aircraft types; (d) nonthreaded metal fasteners, excluding aircraft types; (e) products, other than fasteners, made by cold-heading processes (Specify kind.) ↴	332722 WYWW			

33225111



CONTINUE WITH 22 ON PAGE 12

CONTINUE ON PAGE 12

**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>24</b>	Other miscellaneous machinery products, (excluding electrical) <i>(Specify kind.)</i> ↴  	333999 A100			
<b>25</b>	Special dies and tools, die sets, jigs, and fixtures  Punches, industrial prototypes, die parts, and other special tooling . . . .	333514 0C10			
<b>26</b>	Other <i>(Specify kind.)</i> ↴  	333514 0YWW			
<b>27</b>	Industrial molds and mold boxes <i>(Specify kind.)</i> ↴  	333511 0YWW			
<b>28</b>	General purpose machinery, such as: (a) filters and strainers (excluding fluid power); (b) filters for hydraulic fluid power systems, nonaerospace; (c) filters for pneumatic fluid power systems, nonaerospace; (d) filters for hydraulic and pneumatic fluid power systems, aerospace; (e) other <i>(Specify kind.)</i> ↴  	333999 WYWW			
<b>29</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>30</b>		26			
<b>31</b>		34			
<b>32</b>		42			
<b>33</b>		59			
<b>34</b>		67			
<b>35</b>	Contract work - Receipts for work done for others on their materials <i>(Specify products worked on and kind of work.)</i> ↴  	930000 0000			
<b>36</b>	Resales - Sales of products bought and sold without further manufacture, processing, or assembly <i>(The cost of such items should be reported in 16, line A2.)</i> . . . . .	999890 0000			

33225129



CONTINUE WITH **22** ON PAGE 13

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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		
	Miscellaneous receipts				
<b>37</b>	Sales of scrap and refuse . . . . .	999801 3000			
<b>38</b>	Receipts for installation (or construction) of products . . . . .	999803 1000			
<b>39</b>	Receipts for repair work . . . . .	999806 1000			
<b>40</b>	Receipts for research and development . . . . .	999804 1000			
<b>41</b>	Other miscellaneous receipts . . . . .	999809 8000			
<b>42</b>	<b>TOTAL</b> (Should equal total reported in <b>5</b> ) . . . . .	770000 0000			

**23-25** Not Applicable.

**26** SPECIAL INQUIRIES

**A. SELECTED METALWORKING AND RELATED OPERATIONS**

(Report the type(s) of operation(s) performed below and the approximate number of production workers on all shifts usually engaged in the specified operation.)

		Mark "X" if None	Number of production workers (on all shifts) usually employed when operated (estimate if necessary)
<b>1.</b>	Electroplating and other plating . . . . .	<input type="checkbox"/>	
<b>2.</b>	Galvanizing and other hot dip coating of fabricated articles . . . . .	<input type="checkbox"/>	
<b>3.</b>	Heat treating of metals for production purposes . . . . .	<input type="checkbox"/>	
<b>4.</b>	Precision turned products (on screw machines, turning centers, and CNC equipment) . . . . .	<input type="checkbox"/>	
<b>5.</b>	Machine shop . . . . .	<input type="checkbox"/>	
<b>6.</b>	Tool and die shop (if separate from machine shop) for jigs, fixtures, dies, and other special tooling . . . . .	<input type="checkbox"/>	
<b>7.</b>	Pattern shop (foundry patterns only - metal, wood, etc.) . . . . .	<input type="checkbox"/>	
<b>8.</b>	Sheet metal work, aluminum or steel . . . . .	<input type="checkbox"/>	
<b>9.</b>	Stamping and blanking of metals . . . . .	<input type="checkbox"/>	
<b>10.</b>	Painting, lacquering, and enameling on metals . . . . .	<input type="checkbox"/>	
<b>11.</b>	Welding of steel plate for manufacturing production . . . . .	<input type="checkbox"/>	
<b>12.</b>	Welding repair shop . . . . .	<input type="checkbox"/>	

CONTINUE WITH **26** ON PAGE 14

CONTINUE ON PAGE 14

33225137



**26** SPECIAL INQUIRIES - Continued

**B. SELECTED PRODUCTS PRODUCED AND CONSUMED**

- Report below the quantity of each listed item produced in this establishment and used in manufacturing other products made in this establishment.
- Purchases or receipts of the items specified below should be reported only in ①.
- Materials used to produce the items specified below should be reported in ①.
- Quantities produced for sale as such and not for incorporation in other products should be reported in ②.
- Report quantities in the unit of measure specified.

Mark "X" if not performed at this establishment

1. Ferrous foundries . . . . . 8301

2. Nonferrous foundries, excluding die-casting

a. Aluminum . . . . . 8302

b. Copper . . . . . 8303

c. Zinc . . . . . 8304

d. Other . . . . . 8305

3. Nonferrous die-casting foundries . . . . . 8306

4. Did this establishment produce precision turned products (on screw machines, turning centers, and CNC equipment)?

8308  Yes

8309  No

Unit of measure for quantities	Quantities produced in this establishment and used in manufacturing other products made in this establishment
short tons	
1000 lb	
1000 lb	
1000 lb	
1000 lb	
1000 lb	

CONTINUE WITH 26 ON PAGE 15

33225145

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**26** SPECIAL INQUIRIES - Continued

**C. OTHER ESTABLISHMENT ACTIVITIES**

**1.** Did this establishment design, engineer, or formulate the manufactured products that it sold, produced, or shipped?

0318  Yes

0319  No

**2.** Which of the following best describes this establishment's primary activity? (Mark "X" only ONE box.)

0362  Providing contract manufacturing services for others

0363  Transforming raw materials or components into new products that this establishment owns or controls

0364  Reselling goods manufactured by others (with or without minor final assembly)

0365  Other - Specify ↴

0366

**3.** Did this establishment purchase contract manufacturing services from other companies or other establishments of your company to process materials or components that this establishment owns or controls?

0496  Yes, primarily with establishments WITHIN the 50 States and the District of Columbia

0497  Yes, primarily with establishments OUTSIDE of the 50 States and the District of Columbia

0498  No

**27-29** Not Applicable.

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?

Yes

No - Enter time period covered →

FROM	Month	Year	TO	Month	Year
	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>

Name of person to contact regarding this report	Title
<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>

Telephone	Area code	Number		Extension	Fax	Area code	Number	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>

Internet e-mail address	Date completed	Month	Day	Year
<input style="width: 100%; height: 20px;" type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>

**Thank you for completing your 2007 ECONOMIC CENSUS form.**  
**PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.**

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