

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

**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 **22**. 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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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 **22** under Census product code 999899 1000, "Resales."

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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 castings and forgings)				
	Bolts, nuts, screws, washers, rivets, and other screw machine products . . . . .	332722 03			
<b>2</b>	All other fabricated metal products . . . . .	332001 00			
	Castings (rough and semifinished)				
<b>3</b>	Iron and steel . . . . .	331510 01			
<b>4</b>	Nonferrous (aluminum, copper, etc.) . . . . .	331520 11			
<b>5</b>	Forgings . . . . .	332110 00			

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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			
	Shapes and forms (excluding castings, forgings, and fabricated metal products)					
	Steel					
<b>6</b>	Bars, bar shapes, and plates . . . . .	331200 07				
<b>7</b>	Concrete reinforcing bars . . . . .	331200 09				
<b>8</b>	Structural shapes . . . . .	331200 69				
<b>9</b>	Sheet and strip (including tinplate) . . . . .	331000 22				
<b>10</b>	All other steel shapes and forms . . . . .	331200 42				
<b>11</b>	Copper and copper-base alloy . . . . .	331421 11				
	Aluminum and aluminum-base alloy					
<b>12</b>	Extruded shapes (including extruded rod, bar, pipe, tube, etc.) . . . . .	331316 01				
<b>13</b>	Sheet, plate, foil, and welded tubing . . . . .	331315 00				
<b>14</b>	All other aluminum and aluminum-base alloy shapes and forms, including refinery shapes (wire, rolled rod and bar, powder, ingot, slugs, billet, etc.) . . . . .	331000 07				
<b>15</b>	All other nonferrous metal shapes and forms (excluding aluminum and aluminum-base alloy and copper and copper-base alloy castings, forgings, and fabricated metal products) . . . . .	331000 82				
<b>16</b>	Scrap (including iron, steel, aluminum and aluminum-base alloy) (excluding home scrap) . . . . .	330000 56				
<b>17</b>	Flat glass (plate, float, and sheet) . . . . .	327211 01				
<b>18</b>	Paperboard containers and corrugated paperboard . . . . .	322210 01				
<b>19</b>	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied products . . . . .	325510 02				

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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>20</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				
<b>21</b>	<b>TOTAL</b> (Should equal total reported in 16, line A1) . . . . .	771000 00				

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**18-21** 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 999899 2000.

**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 999899 1000, "Resales."

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.
0734		0730	0736	0732	0731	
<b>1</b>	Sheet metal air-conditioning ducts (including dust collection ducts), stove pipe, furnace smoke pipe, and elbows . .	332322 1100	1000 ft <sup>2</sup>			
<b>2</b>	Aluminum, steel and other sheet metal culverts, flumes, irrigation pipes, etc. . .	332322 3100				
<b>3</b>	Aluminum, steel and other sheet metal roofing, all types, and roof drainage equipment (including eave troughs, etc.)	332322 7100	1000 ft <sup>2</sup>			

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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			
4	Metal flooring and siding Steel, aluminum, and other sheet metal siding (including residential, commercial, industrial, farm buildings, etc.)	332322 9101	1000 ft <sup>2</sup>					
5	Fabricated sheet metal flooring	332322 9201						
6	Steel and aluminum sheet metal awnings, canopies, carports, patios, cornices, domes, copings, soffits, fascia and shutters	332322 A100						
7	Electronic enclosures Computer and peripheral equipment	332322 C101						
	Steel							
8	Aluminum	332322 C206						
9	Other sheet metal electronic enclosures (excluding computers) (including machine and motor housings, panels, and guards (steel and aluminum)) (Specify kind) ↴	332322 C311						
10	Metal studs, loading and nonload bearing (iron, steel, and aluminum)	332322 F100						
11	Other sheet metal work Steel and aluminum sheet metal roof ventilators	332322 G101						
	Steel							
12	Sheet metal work for heating, ventilation, and air-conditioning	332322 G107						
13	Restaurant and hotel kitchen sheet metal equipment	332322 G211						
14	Other steel sheet metal work (Specify kind) ↴	332322 G326						

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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		
<b>15</b>	Other sheet metal work - Continued Aluminum  Sheet metal work for heating, ventilation, and air-conditioning . . . . .	332322 G108					
<b>16</b>	Restaurant and hotel kitchen sheet metal equipment . . . . .	332322 G321					
<b>17</b>	Other aluminum sheet metal work (Specify kind) ↴ [Redacted]	332322 G331					
<b>18</b>	Other sheet metal work (metals other than steel and aluminum) (Specify kind) ↴ [Redacted]	332322 G336					
<b>19</b>	Fabricated structural iron and steel for industrial buildings, metal bar joists, short span (open web) . . . . .	332312 1101					
<b>20</b>	Architectural and ornamental work (excluding curtain wall and other exterior panels)  Iron and steel warm air and air-conditioning grills, registers, and air diffusers . . . . .	332323 1201					
<b>21</b>	Iron, steel, and aluminum stairs, staircases, and fire escapes and expanded metal plaster base accessories (including corner beads, screens, grounds, etc.) . . . . .	332323 3102					
<b>22</b>	Other grills (including open mesh partitions) (Specify kind) ↴ [Redacted]	332323 1101					
<b>23</b>	Receipts for machine shop job work and job order repairs . . . . .	332710 0100					
<b>24</b>	Plastics corrugated and flat panels (excluding foam and reinforced plastics)	326199 8111					

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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			
<b>25</b>	Furniture parts, plastic and metal (including frames and sleeper mechanisms and other types) (excluding metal furniture hardware) (Specify kind) ↴	337215 L125						
<b>26</b>	Metal stamping (excluding automotive) (Specify kind) ↴	33171 VWWV						
<b>27</b>	Metal tanks and vessels, custom fabricated and field erected . . . . .	331420 G50						
<b>28</b>	Precision turned products and parts (nonstandard items made from rod, bar, or tube stock on screw machine turning centers) (excluding automotive) . . . . .	332721 3100						
<b>29</b>	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 pre-listed products and services. For all remaining products, write "Other" and report a single total value.)	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 (Specify products worked on and kind of work.) ↴	999899 2000						
<b>36</b>	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (The cost of such items should be reported in 16, line A2.) . . . . .	999899 1000						

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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			
37	Miscellaneous receipts							
	Sales of scrap and refuse . . . . .	999899 9003						
38	Receipts for research and development . . . . .	999899 9021						
39	Other miscellaneous receipts (including receipts for repair work, etc.) . . . . .	999899 9090						
40	<b>TOTAL</b> (Should equal total reported in 5) . . . . .	771010 9990						

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**23-25** Not Applicable.

**26** SPECIAL INQUIRIES

**A. PURCHASE OF CONTRACT MANUFACTURING**

1. Did this establishment **purchase** contract manufacturing services from other companies or foreign plants of your company in 2012?

**Include:**

- Products for which the manufacturing (i.e., transforming or otherwise processing materials or components based on specifications provided by your company) was outsourced to other companies.
- Products for which the manufacturing was performed by your company's foreign plants.

**Exclude:**

- Services for packaging and assembling.
- Purchases of merchandise for resale (sale of products bought and sold without further processing or transformation).

1011  Yes - Go to line 2

1012  No - Go to **B**

2. Report the costs incurred by this establishment for contract manufacturing purchased in 2012 . . . . . 1013

3. Report the value of sales, shipments, receipts, or revenue generated in 2012 from products whose purchases were reported as contract manufacturing costs in line 2 . . . . . 1015

2012		
\$ Bil.	Mil.	Thou.

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CONTINUE WITH **26** ON PAGE 18

26 SPECIAL INQUIRIES - Continued

B. RECEIPTS FROM CONTRACT MANUFACTURING

1. Did this establishment provide contract manufacturing services to others in 2012 (regardless of materials ownership)?

Include:

- Products manufactured at this location (i.e., transforming or otherwise processing materials or components based on specifications provided by the contracting company).
- Products manufactured and transferred to other plants of your company.
- Products manufactured and exported.

Exclude:

- Services for packaging and assembling.
- Sales of products purchased and sold without further processing or transformation.

1017  Yes - Go to line 2

1018  No - Go to C

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2. Report the value of sales, shipments, receipts, or revenue generated in 2012 from contract manufacturing performed at this location for others (regardless of materials ownership and based on specifications provided by the contracting company) . . . . . 1019

2012		
\$ Bil.	Mil.	Thou.
<input type="text"/>	<input type="text"/>	<input type="text"/>

Please describe the product(s) being manufactured for others at this establishment. ↴

1020

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**26** SPECIAL INQUIRIES - Continued

**C. 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.)*

	<i>Mark "X" if None</i>	Number of production workers (on all shifts) usually employed when operated (estimate if necessary)
1. Electroplating and other plating . . . . . 8401	<input type="checkbox"/>	□ □ □ □
2. Galvanizing and other hot dip coating of fabricated articles . . . . . 8402	<input type="checkbox"/>	□ □ □ □
3. Heat treating of metals for production purposes . . . . . 8403	<input type="checkbox"/>	□ □ □ □
4. Precision turned products (on screw machines, turning centers, and CNC equipment) . . . . . 8404	<input type="checkbox"/>	□ □ □ □
5. Machine shop . . . . . 8405	<input type="checkbox"/>	□ □ □ □
6. Tool and die shop (if separate from machine shop) for jigs, fixtures, dies, and other special tooling . . . . . 8406	<input type="checkbox"/>	□ □ □ □
7. Pattern shop (foundry patterns only - metal, wood, etc.) . . . . . 8407	<input type="checkbox"/>	□ □ □ □
8. Sheet metal work, aluminum or steel . . . . . 8408	<input type="checkbox"/>	□ □ □ □
9. Stamping and blanking of metals . . . . . 8409	<input type="checkbox"/>	□ □ □ □
10. Painting, lacquering, and enameling on metals . . . . . 8410	<input type="checkbox"/>	□ □ □ □
11. Welding of steel plate for manufacturing production . . . . . 8411	<input type="checkbox"/>	□ □ □ □
12. Welding repair shop . . . . . 8412	<input type="checkbox"/>	□ □ □ □

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**27-29** Not Applicable.

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REMARKS (Please use this space for any explanations that may be essential in understanding your reported data.)

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**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

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

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

E-mail address

Date completed	Month	Day	Year
	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Thank you for completing your 2012 ECONOMIC CENSUS form.  
PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.**

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