

**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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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 materially 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	Unit of measure for quantities	Consumption of purchased materials and of materials received from other establishments of your company			
				Quantity	Cost, including delivery cost (freight-in)		
					\$ Bil.	Mil.	Thou.
				0631			
0634		0630	0636	0632			
<b>1</b>	Forgings . . . . .	332110 00					
	Fabricated metal products (excluding forgings)						
<b>2</b>	Bolts, nuts, screws, rivets, washers, and screw machine products . . . . .	332722 03					
<b>3</b>	Metal fittings, flanges, and unions for piping systems . . . . .	332919 07					
<b>4</b>	Metal stampings . . . . .	332000 62					
<b>5</b>	Other fabricated metal products . . . . .	332000 98					
	Castings (rough and semifinished)						
<b>6</b>	Iron and steel . . . . .	331510 01					

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**17** DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES - Continued

Line No.	Materials, parts, and supplies	Census material code	Unit of measure for quantities	Consumption of purchased materials and of materials received from other establishments of your company				
				Quantity	Cost, including delivery cost (freight-in)			
					\$ Bil.	Mil.	Thou.	
0634		0630	0636	0632	0631			
	Castings (rough and semifinished)							
<b>7</b>	Aluminum and aluminum-base alloy . . . . .	331520 05						
<b>8</b>	Other nonferrous metal castings . . . . .	331520 02						
	Shapes and forms (excluding castings, forgings, and fabricated metal products)							
	Steel							
<b>9</b>	Bars and bar shapes . . . . .	331200 71						
<b>10</b>	Steel sheet and strip (including tinfoil) . . . . .	331000 22						
<b>11</b>	Plate . . . . .	331200 79						
<b>12</b>	Structural shapes . . . . .	331200 69						
<b>13</b>	Pipes . . . . .	331200 21						
<b>14</b>	All other steel shapes and forms . . . . .	331200 32						
	Copper and copper-base alloy							
<b>15</b>	Pipe and tube . . . . .	331421 35						
<b>16</b>	All other copper and copper-base alloy shapes and forms (excluding castings, forgings, pipes, tubes, and other fabricated metal products) . . . . .	331421 40						
	Aluminum and aluminum-base alloy							
<b>17</b>	Sheet, plate, foil, and welded tubing . . . . .	331315 00						
<b>18</b>	Plain foil . . . . .	331315 06						

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**17** DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES - Continued

Line No.	Materials, parts, and supplies	Census material code	Unit of measure for quantities	Consumption of purchased materials and of materials received from other establishments of your company				
				Quantity	Cost, including delivery cost (freight-in)			
					\$ Bil.	Mil.	Thou.	
0634		0630	0636	0632	0631			
	Shapes and forms - Continued							
	Aluminum and aluminum-base alloy - Continued							
19	Extruded shapes (including extruded rod, bar, pipe, tube, etc.)	331316 01						
20	Other aluminum and aluminum-base alloy shapes and forms	331000 46						
21	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						
22	Primary metal powders	331000 72						
23	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc.	325211 05						
24	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes	326100 13						
25	Paper and paperboard products including paperboard boxes, containers, and corrugated paperboard	322000 01						
26	Glues and adhesives	325520 03	1000 lb					
27	Rough and dressed lumber	321000 19						
28	Industrial chemicals, chemical reagents, calcium chloride, acidizing materials etc.(excluding explosive materials, blasting accessories, and drilling fluids)	325000 74						

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**17** DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES - Continued

Line No.	Materials, parts, and supplies	Census material code	Unit of measure for quantities	Consumption of purchased materials and of materials received from other establishments of your company				
				Quantity	Cost, including delivery cost (freight-in)			
					\$ Bil.	Mil.	Thou.	
0634		0630	0636	0632	0631			
<b>29</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>30</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."

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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	Census product code	Unit of measure for quantities	Quantity produced for all purposes	Products shipped and other receipts			
					Quantity	Value, f.o.b. plant		
						\$ Bil.	Mil.	Thou.
0734		0730	0736	0733	0732	0731		
1	Converted unmounted aluminum foil for packaging products (not laminated to other materials)	332999 2102	1000 lb					
	Coated aluminum foil less than .001 inch thickness . . . . .							
	Coated aluminum foil .001 to .003 inch thickness . . . . .			332999 2107				
3	Coated aluminum foil greater than .003 inch thickness . . . . .	332999 2112						
4	Flexible hose and tubing, (including steel, stainless steel, aluminum, copper, alloys and other types) . . .	332999 5100						
5	Fabricated metal collapsible tubes aluminum and all other fabricated collapsible metal tubes (including tin, tin-coated, tin-lead alloy, and lead) . . . . .	332999 7100						
6	Flat metal strapping . . . . .	332999 9100	short tons					
7	Metal step, platform, and rung-type ladders, metal ladder-type step stools, and ladder accessories . . . . .	332999 B100						
8	Other miscellaneous fabricated metal products	332999 H101						
	Permanent magnets (excluding ceramic permanent magnets) . .							
9	Fabricated assemblies of railroad frogs, switches, and crossings . . . . .	332999 H106						
10	Metal pipe hangers and supports (excluding metal framing) . . . . .	332999 H189						
11	Stamped metal wheels for golf carts, lawn mowers, etc. (disc type)	332999 H301						
12	Metal spools and reels . . . . .	332999 H303						
13	Metal pallets and skids (excluding wood and metal combinations) . .	332999 H305						

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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	Quantity produced for all purposes	Products shipped and other receipts			
					Quantity	Value, f.o.b. plant		
						\$ Bil.	Mil.	Thou.
0734		0730	0736	0733	0732	0731		
<b>14</b>	Other miscellaneous fabricated metal products - Continued							
	Miscellaneous fabricated products, made primarily of metal (combs and hair curlers, etc.) . . . . .	332999 H306						
<b>15</b>	Steel wool and metal scouring pads (including pads with soap) . . . . .	332999 H315						
<b>16</b>	Fabricated metal safes, vaults, and deposit boxes and all other fabricated metal bank and security vaults and equipment . . . . .	332999 H318						
	Fireplace fixtures and equipment (including irons, screens, tongs, and other fire tools) . . . . .	332999 H322						
<b>18</b>	Traps, handcuffs, and leg irons . . . . .	332999 H325						
<b>19</b>	All other fabricated metal products (including metal ironing boards and metal memorial tablets and grave markers) ( <i>Specify kind</i> ) ↴							
		332999 H397						
<b>20</b>	Fabricated iron and steel pipe and all other nonferrous fabricated pipe and pipe fittings made from purchased pipe ( <i>Specify kind</i> ) ↴							
		332996 0300						
<b>21</b>	Enameled iron and metal plumbing fixtures (including portable chemical toilets, water closet tanks, etc.) . . . . .	332998 0300						
<b>22</b>	Hollowware, unplated, plated and electroplated, precious and nonprecious metals (including baby goods, ecclesiastical ware, novelties, toiletware, and trophies) . . . . .	332999 H220						

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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	Quantity produced for all purposes	Products shipped and other receipts				
					Quantity	Value, f.o.b. plant			
						\$ Bil.	Mil.	Thou.	
0734		0730	0736	0733	0732	0731			
23	Foundry patterns . . . . .	332997 0101							
24	All other industrial patterns (excluding shoe patterns) (Specify kind) ↴	332997 0206							
25	Automotive job stampings (truck, bus, and passenger car) . . . . .	336370 0100							
26	Precision turned products and parts (nonstandard items made from rod, bar, tube stock on screw machine turning centers) . . . . .	332721 3100							
27	Receipts for machine shop job work and job order repairs . . . . .	332710 0100							
28	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							
29		26							
30		34							
31		42							
32		59							
33		67							

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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	Quantity produced for all purposes	Products shipped and other receipts				
					Quantity	Value, f.o.b. plant			
						\$ Bil.	Mil.	Thou.	
0734		0730	0736	0733	0732	0731			
<b>34</b>	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) [Redacted]	999899 2000							
<b>35</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							
<b>36</b>	Miscellaneous receipts Sales of scrap and refuse	999899 9003							
<b>37</b>	Receipts for repair work	999899 9030							
<b>38</b>	Other miscellaneous receipts (excluding receipts for repair work and sales of scrap and refuse)	999899 9091							
<b>39</b>	<b>TOTAL</b> (Should equal total reported in 5)	770000 0000							

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**23-25** Not Applicable.

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**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**

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

2012		
\$ Bil.	Mil.	Thou.

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.

**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 **30**

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.

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

1020

**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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