

**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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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	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		
	Fabricated metal products, excluding castings and forgings						
<b>1</b>	Valves and pipe fittings, excluding parts for steel power boilers . . . . .	332919 05					
<b>2</b>	Miscellaneous fabricated metal parts for steel power boilers . . . . .	332000 93					
<b>3</b>	All other fabricated metal products, excluding fabricated metal pipe, valves, pipe fittings, and all other parts specially designed for steel power boilers . . . . .	332000 42					
	Castings (rough and semifinished)						
<b>4</b>	Iron and steel . . . . .	331510 01					
<b>5</b>	Nonferrous (aluminum, copper, etc.) . . . . .	331520 11					
<b>6</b>	Forgings . . . . .	332110 00					

33217118



CONTINUE WITH **17** ON PAGE 12

**CONTINUE ON PAGE 12**

**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, excluding castings, forgings, and fabricated metal products							
	Steel							
<b>7</b>	Sheet and strip, including tinplate	331000 22						
<b>8</b>	Structural beams, wide flange . . .	331200 41						
<b>9</b>	Other structural shapes, including sheet pilings . . . . .	331200 42						
<b>10</b>	Bars and bar shapes, excluding concrete reinforcing bars . . . . .	331200 57						
<b>11</b>	Plate . . . . .	331200 79						
<b>12</b>	All other steel shapes and forms, including sheet pilings . . . . .	331200 39						
	Aluminum and aluminum-base alloy							
<b>13</b>	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						
	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 . . . . .	331421 40						
<b>17</b>	All other nonferrous shapes and forms . . . . .	331000 74	short tons					
<b>18</b>	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied products . . . . .	325510 02						
<b>19</b>	Welding electrodes . . . . .	333992 03						

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33217126



CONTINUE WITH **17** ON PAGE 13

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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>20</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>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	Products shipped and other receipts			
			Value, f.o.b. plant			
			\$ Bil.	Mil.	Thou.	
0734		0730	0731			
<b>1</b>	Fabricated heat exchangers and steam condensers closed types, including bar and fin tube, excluding nuclear applications . . . . .	332410 1400				
<b>2</b>	Water tube steel, fire tube steam and vertical, and other power boilers, including stationary and marine, excluding nuclear applications . . . . .	332410 5112				

CONTINUE WITH 22 ON PAGE 14

33217134



**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>3</b>	Parts and attachments for steel power boilers, sold separately, excluding nuclear applications . . . . .	332410 5291				
<b>4</b>	Nuclear reactor steam supply systems, heat exchangers and condensers, pressurizers, components, and auxiliary equipment . . . . .	332410 7100				
<b>5</b>	Seamless and welded, ferrous and nonferrous gas cylinders . . . . .	332420 7100				
<b>6</b>	Metal tanks, completed at factory Standard line pressure					
	Liquefied petroleum gas tanks (all types), ferrous and nonferrous . . . . .	332420 9101				
<b>7</b>	Air receivers, ferrous and nonferrous . . . . .	332420 9106				
<b>8</b>	Other pressure tanks, including anhydrous ammonia tanks, ferrous and nonferrous ( <i>Specify kind</i> ) ↴ <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	332420 9111				
	Standard line non-pressure, ferrous and nonferrous metal storage tanks . . . . .	332420 C200				
<b>10</b>	Metal tanks and vessels, custom fabricated at the factory and field erected Pressure tanks and vessels, more than 24 inch outside diameter and at least 5 cu. ft. capacity Ferrous					
	Refineries, chemical plants, and paper mills . . . . .	332420 E101				
<b>11</b>	Other ferrous processing industries . . . . .	332420 E106				
<b>12</b>	Nonferrous refineries, chemical plants, and paper mills . . . . .	332420 E211				
<b>13</b>	Liquefied petroleum gas tanks, ferrous and nonferrous . . . . .	332420 E216				
<b>14</b>	All other metal tanks and vessels Ferrous . . . . .	332420 E221				
	Nonferrous . . . . .	332420 E226				
<b>16</b>	Metal tanks and vessels, custom fabricated and field erected . . . . .	332420 G400				

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33217142



CONTINUE WITH **22** ON PAGE 15

**CONTINUE ON PAGE 15**

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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			
17	Receipts for machine shop job work and job order repairs . . . . .	332710 0100				
	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 pre-listed products and services. For all remaining products, write "Other" and report a single total value.</i> )					
18		18				
19		26				
20		34				
21		42				
22		59				
23		67				
24	Contract work - Receipts for work done for others on their materials ( <i>Specify products worked on and kind of work.</i> ) ↘					
		999899 2000				
25	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> ) . . . . .	999899 1000				
26	Sales of scrap and refuse . . . . .	999899 9003				
27	Receipts for installation (or construction) of products of this establishment . . . . .	999899 9012				
28	Receipts for research and development . . . . .	999899 9021				
29	Other miscellaneous receipts, excluding sales of scrap and refuse, receipts for installation of products, and receipts for research and development . . . . .	999899 9090				
30	<b>TOTAL</b> ( <i>Should equal total reported in 5</i> ) . . . . .	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 purchases 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"/>

Area code	Number
<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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