

**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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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>	Bolts, nuts, screws, washers, rivets, and other screw machine products . . .	332722 03					
<b>2</b>	Pipes, valves, and pipe fittings . . . . .	332919 01					
<b>3</b>	All other fabricated metal products (excluding castings, forgings, fabricated metal pipe, bolts, valves, pipe fittings, nuts, screws, and other screw machine products) . . . . .	332000 44					
	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>	All other nonferrous metal castings, rough and semifinished (excluding aluminum and aluminum-base alloy)	331520 02					

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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			
7	Forgings . . . . .	332110 00						
	Shapes and forms (excluding castings, forgings, and fabricated metal products)							
	Steel							
8	Bars and bar shapes (excluding concrete reinforcing bars) . . . . .	33100 57						
9	Concrete reinforcing bars . . . . .	33100 59						
10	Steel sheet and strip (including tinplate) . . . . .	331000 22						
11	Plate . . . . .	331200 79						
	Structural shapes (excluding sheet pilings)							
12	Wide flange beams . . . . .	331200 41						
13	All other steel structural shapes	331200 47						
14	All other steel shapes and forms (including sheet pilings) . . . . .	331200 39						
15	Nonferrous refinery shapes . . . . .	331400 03						
	Copper and copper-base alloy							
16	Pipe and tube . . . . .	331421 35						
17	All other copper and copper-base alloy shapes and forms (excluding castings, forgings, pipes, tubes, and other fabricated metal products) . . . . .	331421 40						

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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>18</b>	Shapes and forms - Continued Aluminum and aluminum-base alloy Sheet, plate, foil, and welded tubing . . . . .	331315 00						
<b>19</b>	All other aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, sheet, plate, foil, welded tubing, and fabricated metal) . . . . .	331000 74						
<b>20</b>	All other nonferrous shapes and forms (excluding castings, forgings, and fabricated metal products) . . . . .	331000 74	short tons					
<b>21</b>	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied products . . . . .	325510 02						
<b>22</b>	Welding electrodes . . . . .	333992 03						
<b>23</b>	Cost of all other materials and components, parts, containers, and supplies consumed ( <i>Specify the principal materials, etc., included in this value.</i> ) ↘	009700 99						
<b>24</b>	<b>TOTAL</b> ( <i>Should equal total reported in 16, line A1</i> ) . . . . .	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.

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**22** DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

**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	Value, of receipts, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
	0734	0730	0731		
<b>1</b>	Fabricated structural metal Fabricated structural iron, steel, and aluminum for commercial, residential, institutional, and public buildings (including metal bar joists, long span, and metal concrete reinforcing bars) . . . . .	332312 1208			
<b>2</b>	Fabricated structural iron and steel for industrial buildings metal bar joists, short span (open web) . . . . .	332312 1101			
<b>3</b>	Fabricated structural metal for bridges . . . . .	332312 3100			
<b>4</b>	Other fabricated structural metal Iron and steel For transmission towers, substations, radio antenna towers, and supporting structures . . . . .	332312 5106			
<b>5</b>	For offshore oil and gas platforms . . . . .	332312 5111			
<b>6</b>	For tunneling and subway work . . . . .	332312 5116			
<b>7</b>	For aerospace and defense . . . . .	332312 5121			
<b>8</b>	For ships, boats, and barges . . . . .	332312 5201			
<b>9</b>	For construction . . . . .	332312 5127			
<b>10</b>	For transportation and all other purposes . . . . .	332312 5129			
<b>11</b>	Aluminum for ships, boats, barges, transmission towers, and other structures . . . . .	332312 5131			
<b>12</b>	Structural metal (excluding iron, steel, and aluminum) . . . . .	332312 5136			
<b>13</b>	Fabricated steel plate stacks and weldments (excluding heat exchangers, steel power boilers, gas cylinders, nuclear reactor steam supply systems, and metal tanks, vessels, barrels, drums, pails, and pallets) Pipe, penstocks, tunnel lining, stacks, and breeching . . . . .	332313 0406			
<b>14</b>	Containers (trash and other), all sizes . . . . .	332313 0123			

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**22** DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

Line No.	Products and services	Census product code	Value, of receipts, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
	Fabricated steel plate stacks and weldments (excluding heat exchangers, steel power boilers, gas cylinders, nuclear reactor steam supply systems, and metal tanks, vessels, barrels, drums, pails, and pallets) - Continued				
15	Shielding for use in nuclear reactor buildings . . . . .	332313 0301			
16	Sound control equipment, all types (including jet engine test facilities and gas turbine sound systems (enclosed)) . . . . .	332313 0228			
17	Weldments and fabricated steel plate for construction and mining . . . . .	332313 0351			
18	Weldments and fabricated steel plate for all other purposes . . . . .	332313 0361			
19	Sheet metal work manufacturing (including residential, commercial, industrial, farm buildings, ducts, studs, roofing, siding, flooring, awnings, canopies, carports, patios, fascia and shutters, electronic equipment enclosures, restaurant and hotel kitchen equipment, etc.) ( <i>Specify kind</i> ) ↘	332322 WYWW			
20	Stairs, railings, fences, and gates (excluding wire) Iron, steel, and aluminum stairs, staircases, and fire escapes, and expanded metal plaster base accessories (including corner beads, screens, grounds, etc.) . . . . .	332323 3102			
21	Iron, steel, and aluminum fences, gates (other than wire), and railings and window guards . . . . .	332323 3201			
22	Open iron, steel, and aluminum flooring, grating and studs for building construction . . . . .	332323 6100			
23	Industrial and commercial prefabricated metal building systems (excluding farm service buildings, residential buildings, and parts)	332311 1201			
24	Custom roll formed products (carbon, stainless and alloy steel), aluminum and other metal For machinery and transportation equipment . . . . .	332114 0510			
25	For construction and mining . . . . .	332114 0520			
26	Fabricated iron and steel pipe and all other nonferrous fabricated pipe and pipe fittings made from purchased pipe ( <i>Specify kind</i> ) ↘	332996 0300			
27	Receipts for machine shop job work and job order repairs . . . . .	332710 0100			

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CONTINUE WITH **22** ON PAGE 16

**CONTINUE ON PAGE 16**

**22** DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

Line No.	Products and services	Census product code	Value, of receipts, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
<b>28</b>	Titanium dioxide, composite and pure . . . . .	325131 1100			
<b>29</b>	Transportation equipment hardware (including railroad car hardware) . . . . .	332510 7111			
<b>30</b>	Bulk material handling belt conveyors and conveying systems (including screw, portable, vibrating, and pneumatic conveyors and conveying systems) (excluding farm conveyors and elevators)	333922 8501			
<b>31</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 pre-listed products and services. For all remaining products, write "Other" and report a single total value.</i> )				
<b>32</b>		18			
<b>33</b>		26			
<b>34</b>		34			
<b>35</b>		42			
<b>36</b>		59			
<b>37</b>	Contract work - Receipts for work done for others on their materials ( <i>Specify products worked on and kind of work.</i> ) ↘				
		67			
<b>38</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> ) . . . . .	999899 2000			
<b>39</b>	Miscellaneous receipts				
	Sales of scrap and refuse . . . . .	999899 1000			
<b>40</b>	Receipts for installation of products of this establishment . . .	999899 9003			
<b>41</b>	Receipts for construction of products of this establishment . . .	999899 9001			
		999899 9002			

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**22** DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

Line No.	Products and services	Census product code	Value, of receipts, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
	Miscellaneous receipts - Continued				
<b>42</b>	Receipts for research and development . . . . .	999899 9021			
<b>43</b>	Other miscellaneous receipts (including receipts for repair work, etc.) . . . . .	999899 9090			
<b>44</b>	<b>TOTAL</b> (Should equal total reported in <b>5</b> ) . . . . .	770000 0000			

**23-25** Not Applicable.

**26** SPECIAL INQUIRIES

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**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**

2012		
\$ Bil.	Mil.	Thou.

**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

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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 **30**

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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 style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>

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

1020

**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 →

	Month	Year		Month	Year
FROM	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	TO	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>

Name of person to contact regarding this report

Title



	Area code	Number	Extension
Tele- phone	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>

	Area code	Number
Fax	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/>

E-mail address

	Month	Day	Year
Date completed	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" 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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