

**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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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		
<b>1</b>	Fabricated metal products (excluding forgings) . . . . .	332000 57					
<b>2</b>	Forgings . . . . .	332110 00					
<b>3</b>	Shapes and forms (excluding castings, forgings, and fabricated metal products) Steel		↑ short tons ↓				
	Ingot and semifinished shapes (blooms, billets, and slabs) . . . . .	331000 14					
	Bars, bar shapes, and other shapes and forms . . . . .	331200 65					
	Titanium and titanium-base alloy . . . . .	331491 01					
<b>6</b>	Aluminum and aluminum-base alloy shapes and forms . . . . .	331310 16					

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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>7</b>	Shapes and forms (excluding castings, forgings, and fabricated metal products) - Continued Nickel and nickel-base alloy (including nickel-copper alloys) . . . . .	331491 03	↑ short tons ↓					
<b>8</b>	All other nonferrous shapes and forms . . . . .	331000 74						
<b>9</b>	Forgings dies . . . . .	333514 00						
<b>10</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>11</b>	<b>TOTAL</b> (Should equal total reported in 16, line A1) . . . . .	771000 00						

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**18** Not Applicable.

**19** TYPE OF OPERATION  
(Mark "X" the ONE box that best describes the operation performed at this establishment during 2012.)

**Steel forgings**

- 0620 388  Either all or partly produced from ingot, blooms, billets, slabs, or bars produced in this establishment
- 390  All produced from ingot, blooms, billets, slabs, or bars purchased from other companies or received from other plants of the same company

**20 and 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.

**Products Shipped and Other Receipts** - Report in these columns the value of all products made in this establishment which were physically shipped on consignment, whether or not sold at the end of the year. The value of the products shipped and services performed should be based on the net selling value, f.o.b. plant, after discounts and allowances, and exclusive of freight charges and excise taxes.

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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

**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			
	Iron and steel forgings					
	Hot impression die impact, press, and upset steel forgings					
<b>1</b>	Carbon steel . . . . .	332111 1101				
<b>2</b>	Alloy steel forgings, (excluding stainless and hi-temp) . . .	332111 1206				
<b>3</b>	Stainless steel . . . . .	332111 1311				
<b>4</b>	Hi-temp (iron, nickel, or cobalt-base alloy) . . . . .	332111 1416				
<b>5</b>	Cold impression die impact, press, and upset carbon steel, stainless steel and hi-temp (iron, nickel, or cobalt-base alloy) forgings . . . . .	332111 3100				
	Seamless rolled ring forgings (ferrous)					
<b>6</b>	Carbon steel and alloy steel rolled ring forgings (excluding stainless and hi-temperature), made from purchased iron and steel . . . . .	332111 5101				
<b>7</b>	Stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) rolled ring forgings, made from purchased iron and steel . . . . .	332111 5106				
	Open-die or smith forgings (hammer or press), ferrous					
<b>8</b>	Carbon and alloy steel, (excluding stainless and hi-temperature), made from purchased iron and steel . . . . .	332111 7101				
<b>9</b>	Stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy), made from purchased iron and steel . . . . .	332111 7106				

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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			
10	Hot impression die impact (including copper and copper -base), press, and upset nonferrous forgings					
	Aluminum and aluminum alloy . . . . .	332112 1101				
11	Titanium and titanium alloy . . . . .	332112 1206				
12	All other hot impression die impact, press, and upset nonferrous forgings ( <i>Specify kind</i> ) ↴					
		332112 1301				
13	All other nonferrous forgings (including cold impression die impact, press, upset, seamless rolled ring, open die or smith, and hammer) ( <i>Specify kind</i> ) ↴					
		332112 3100				
14	Special dies, tools, jigs, and fixtures Jigs and fixtures (including parts) ( <i>Specify kind</i> ) ↴					
		333514 0A10				
15	Metalworking die and die sets ( <i>Specify kind</i> ) ↴					
		333514 0B10				
16	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				
17		26				
18		34				
19		42				
20		59				
21		67				

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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	Products shipped and other receipts			
			Value, f.o.b. plant			
			\$ Bil.	Mil.	Thou.	
0734		0730	0731			
<b>22</b>	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.)	999899 2000				
<b>23</b>	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (The cost of such items should be reported in 19, line A2.)	999899 1000				
<b>24</b>	Sales of scrap and refuse	999899 9003				
<b>25</b>	Other miscellaneous receipts (including receipts for repair work, etc.)	999899 9090				
<b>26</b>	<b>TOTAL</b> (Should equal total reported in 5)	770000 0000				

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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**

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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**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 type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input 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 type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	TO	<input type="text"/> <input type="text"/>	<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		Area code	Number
Tele- phone	<input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/>	-	Fax	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

E-mail address

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