

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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."

Lines 9 and 10 - Scrap generated in other establishments of your company and transferred to this establishment should be reported as scrap purchased from outside sources. Exclude home scrap.

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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		
1	Nickel and nickel-base alloy shapes and forms, excluding castings, forgings, and fabricated metal products	331419 25	↑ short tons ↓				
2	Shapes and forms, excluding castings, forgings, and fabricated metal products Ferrous						
3	Pig iron	331200 45					
4	Ferrochromium	331112 05					
5	Ferromanganese, silicomanganese, and manganese	331112 03					
6	Ferrosilicon (more than 8 percent silicon)	331112 07					
6	All other ferrous shapes and forms	331000 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			
	Shapes and forms, excluding castings, forgings, and fabricated metal products - Continued							
	Nonferrous							
7	Cobalt-base alloy	331419 47						
8	All other nonferrous shapes and forms	331419 45						
	Purchased scrap, excluding home scrap							
9	Iron and steel	330000 49						
10	All other purchased scrap	330000 57						
	Stone, clay, glass, and concrete products							
11	Clay refractories	327124 00						
12	Grinding wheels and other abrasive products (excluding industrial diamonds)	327910 01						
13	Nonclay refractories	327125 00						
14	All other stone, clay, glass, and concrete products	327000 10						
	Industrial and commercial machinery and computer equipment							
15	Industrial patterns	332997 00						
16	Industrial dies, molds, jigs, and fixtures	325000 74						
17	All other industrial and commercial machinery and computer equipment	330000 60						
18	Sand	212320 05						

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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			
19	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↘	009700 99						
20	TOTAL (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.

Products Shipped and Other Receipts - Report the quantity and value of each product made and physically shipped during 2012 from this establishment; include products shipped to other plants, sales branches, retail stores, or warehouses of your company and on consignment. Deduct returned goods. Also report the value of services performed at this establishment.

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.

Line - Report heat and/or corrosion resistant steel castings containing eight percent or more of chromium or nickel, or both, with or without molybdenum or other elements.

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, including interplant transfers				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
1	Ductile iron pressure pipes and iron-fittings, all sizes	331511 1300						

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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, including interplant transfers				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
2	Other ductile iron castings Automotive uses	331511 3101						
3	All other ductile iron castings for all other uses, including valve, construction and utility, machinery, electric and electronic equipment, and heat-resistant parts including coke oven doors (Specify kind) ↴ [Redacted]	331511 3201						
4	Gray iron castings, excluding ductile iron Molds and stools for heavy steel ingots	331511 E200						
5	Cast iron pressure pipe and fittings, all sizes	331511 5100						
6	Cast iron soil pipe and fittings, all sizes	331511 7100						
7	Gray iron castings for rolling mill, construction, utility, automotive, and all other uses (Specify kind) ↴ [Redacted]	331511 9300						
8	Malleable iron castings Standard	331511 A100	↑ short tons ↓					
9	Pearlitic	331511 C300						
10	Steel investment castings, including carbon, alloy and stainless steel, and hi-temp metals (iron, nickel or cobalt-based alloys)	331512 0100						
11	Steel castings, excluding investment Carbon steel Cast carbon steel railroad car wheels and railway specialties . .	331513 1101						
12	All other carbon steel castings (Specify kind) ↴ [Redacted]	331513 1208						

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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, including interplant transfers				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
	Steel castings, excluding investment - Continued							
	Alloy steel							
13	High alloy	331513 3100						
14	Railway specialty	331513 5100						
15	Rolls for rolling mills	331513 5100	short tons					
16	All other alloy steel castings (Specify kind) ↘	331513 5111						
	Nonferrous metal die-casting foundries							
17	Aluminum and aluminum-base alloy	331521 0100						
18	Nonferrous metals and alloys, excluding aluminum	331522 0900						
	Nonferrous metal foundries, excluding die-castings							
	Aluminum and aluminum-base alloy castings, excluding cast aluminum cooking utensils							
19	Sand	331524 0101						
20	Permanent and semi-permanent mold	331524 0206						
21	Investment	331524 0311						
22	Other aluminum and aluminum-base alloy castings (Specify kind) ↘	331524 0421						
23	Copper and copper-base alloy foundries, including sand, leaded red, manganese, aluminum bronzes, and all other copper castings (mold, centrifugal, investment, etc.)	331525 0300						

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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, including interplant transfers			
				Quantity	Value, f.o.b. plant		
					\$ Bil.	Mil.	Thou.
0734		0730	0736	0732	0731		
24	Foundry patterns	332997 0101					
25	Receipts for machine shop job work and job order repairs	332710 0100					
26	Metal fittings, flanges, and unions for piping systems (iron, copper, copper alloy brass and bronze)	332919 4401					
27	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					
28		26					
29		34					
30		42					
31		59					
32		67					
33	Contract work - Receipts for work done for others on their materials (<i>Specify products worked on and kind of work.</i>) ↴	999899 2000					
34	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					

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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, including interplant transfers				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
35	Miscellaneous receipts							
	Sales of scrap and refuse	999899 9003						
36	Receipts for repair work	999899 9030						
37	Other miscellaneous receipts (excluding receipts for repair work and sales of scrap and refuse)	999899 9091						
38	TOTAL (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 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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