

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 **2**. 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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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 **2** under Census product code 999890 0000, "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.

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)		↑ short tons ↓					
	Ferrous							
1	Pig iron	331200 45						
2	Ferrochromium	331112 05						
3	Ferromanganese, silicomanganese, and manganese	331112 03						
4	Ferrosilicon (more than 8 percent silicon)	331112 07						
5	All other ferrous shapes and forms	331000 13						
	Nonferrous							
6	Nickel and nickel-base alloy	331419 24						
7	Cobalt-base alloy	331419 47						
8	All other nonferrous shapes and forms	331419 05						

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33119082



CONTINUE WITH **17** ON PAGE 9

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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			
	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						
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						

18-21 Not Applicable.

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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 2007 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.

Quantities - Lines 17 through 20, , , and 15 through 16 - Where requested, report the weight of castings before machining. The removal of gates; risers; sprues; and tumbling, dipping, or sandblasting do not constitute machining. Report in 22 the weight of rough castings you produced and machined or assembled into other products in this establishment. The quantity and value of the machined castings or the finished product in which the castings are incorporated should be entered in appropriate columns on lines 35 through 40.

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 930000 0000.

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 999890 0000, "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	0736	0732	0731			
1	Ductile iron pressure pipes and iron-fittings, all sizes	331511 1300						
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)	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	Other gray iron castings for rolling mill, construction, utility, automotive and all other uses (Specify kind.) ↘	331511 9300						
8	Standard malleable iron castings	331511 A100	short tons					

CONTINUE WITH 22 ON PAGE 11

CONTINUE ON PAGE 11

33119108



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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			
9	Pearlitic malleable iron castings	331511 C300	short tons					
10	Steel investment castings (including carbon, alloy and stainless steel, and hi-temp metal (iron, nickel or cobolt based alloys))	331512 0100						
11	Other carbon steel castings (excluding investment) Cast steel railroad car wheels and railway specialties	331513 1101						
12	Other carbon steel castings (excluding investment) (Specify kind.) ↘ [Redacted]	331513 1208						
13	High alloy steel castings (excluding investment)	331513 3100						
14	Other alloy steel castings (excluding investment) Railway specialties	331513 5101	↑ short tons ↓					
15	Rolls for rolling mills	331513 5106						
16	All other alloy steel castings (Specify kind.) ↘ [Redacted]	331513 5111						
17	Aluminum and aluminum-base alloy die-castings	331521 0100	1000 lb					
18	Nonferrous metal and alloy die-castings (excluding aluminum)	331522 0900						
19	Aluminum and aluminum-base alloy castings (excluding die-castings) Aluminum and aluminum-base alloy castings (excluding cast aluminum cooking utensils)		↑ 1000 lb ↓					
20	Sand	331524 0101						
21	Permanent and semipermanent mold	331524 0206						
22	Investment Other (Specify kind.) ↘ [Redacted]	331524 0311 331524 0421						
23	Nonelectric cast aluminum pressure cookers, household type and nonelectric cast aluminum cooking utensils	331524 0416						

33119116

CONTINUE WITH 22 ON PAGE 12

CONTINUE ON PAGE 12

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	Copper and copper-base alloy castings (excluding die-casting) (including sand, leaded red, manganese, aluminum bronzes, and all other copper castings (mold, centrifugal, investment, etc.))	331525 0300					
25	Other nonferrous castings (excluding die-casting) (including nickel and nickel-base alloy, zinc and zinc-base alloy, magnesium and magnesium-base alloy, and all other nonferrous castings) (<i>Specify kind.</i>) ↘	331528 0300					
26	Foundry patterns (billed to customers separately) (<i>Include only those patterns whose cost was borne directly by the company for whom the pattern was made, whether delivered to that company or kept in your own plant.</i>)	332997 0101					
27	Receipts for machine shop job work and job order repairs	332710 0100					
28	Metal fittings, flanges, and unions for piping systems (iron, copper, copper alloy brass and bronze)	332919 4401					
29	Domestic heating stoves, hearth appliances, and freestanding wood fireplaces (excluding electric and parts)	333414 3100					
30	Clutches, brakes, couplings, shafts, ball joints, sprockets, and sheaves	333613 3801					
31	Parts for mechanical power transmission equipment	333613 3803					
32	Parts for winches for aerial work platforms and automobile hoists (sold separately)	333923 7495					
33	Pistons, piston rings, and piston pins (engine)	336311 3400					
34	Developing and making prototypes of missile and space vehicle parts and components for other customers	336419 3111					
35	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 "listed products and services". For all remaining products, write "Other" and report a single total value.</i>	18					
36		26					
37		34					
38		42					
39		59					

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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			
40		67						
41	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴							
		930000 0000						
42	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.)	999890 0000						
43	Miscellaneous receipts							
	Sales of scrap and refuse	999801 3000						
44	Receipts for repair work	999806 1000						
45	Other miscellaneous receipts	999809 8000						
46	TOTAL (Should equal total reported in 5)	770000 0000						

23-25 Not Applicable.

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26 SPECIAL INQUIRIES

A. SELECTED PRODUCTS PRODUCED AND CONSUMED

- Report below the quantity of each listed item produced in this establishment and used in manufacturing other products made in this establishment.
- Purchases or receipts of the items specified below should be reported only in 17.
- Materials used to produce the items specified below should be reported in 17.
- Quantities produced for sale as such and not for incorporation in other products should be reported in 22.
- Report quantities in the unit of measure specified.

Mark "X" if not performed at this establishment

1. Ferrous foundries 8301

2. Nonferrous foundries, excluding die-casting

a. Aluminum 8302

b. Copper 8303

c. Zinc 8304

d. Other 8305

3. Nonferrous die-casting foundries 8306

4. Did this establishment produce precision turned products (on screw machines, turning centers, and CNC equipment)?

8308 Yes

8309 No

Unit of measure for quantities	Quantities produced in this establishment and used in manufacturing other products made in this establishment
short tons	
1000 lb	
1000 lb	
1000 lb	
1000 lb	
1000 lb	

CONTINUE WITH 26 ON PAGE 15

33119140



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26 SPECIAL INQUIRIES - Continued

B. OTHER ESTABLISHMENT ACTIVITIES

1. Did this establishment design, engineer, or formulate the manufactured products that it sold, produced, or shipped?

0318 Yes

0319 No

2. Which of the following best describes this establishment's primary activity? (Mark "X" only ONE box.)

0362 Providing contract manufacturing services for others

0363 Transforming raw materials or components into new products that this establishment owns or controls

0364 Reselling goods manufactured by others (with or without minor final assembly)

0365 Other - Specify ↴

0366

3. Did this establishment purchase contract manufacturing services from other companies or other establishments of your company to process materials or components that this establishment owns or controls?

0496 Yes, primarily with establishments WITHIN the 50 States and the District of Columbia

0497 Yes, primarily with establishments OUTSIDE of the 50 States and the District of Columbia

0498 No

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 →

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
<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>

Telephone	Area code	Number		Extension	Fax	Area code	Number	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>

Internet e-mail address	Date completed	Month	Day	Year
<input style="width: 100%; height: 20px;" type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>

Thank you for completing your 2007 ECONOMIC CENSUS form.
PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.

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