

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

**Produced and Consumed** - Forgings, foundries, and screw machine products - Report the quantities produced and used in manufacturing other products made in this establishment in **26**. Note that the materials used to produce these items should be reported in **17**.

**Lines 6 through 8** - 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			
<b>1</b>	Shapes and forms (excluding castings, forgings, and fabricated metal products)							
<b>2</b>	Copper and copper-base alloy . . . . .	331421 11						
<b>3</b>	Aluminum and aluminum-base alloy . . . . .	331310 16						
<b>4</b>	Zinc and zinc-base alloy . . . . .	331491 05	short tons					
<b>5</b>	Magnesium and magnesium-base alloy All other magnesium and magnesium-base alloy shapes and forms . . . . .	331419 34						
<b>6</b>	All other nonferrous shapes and forms . . . . .	330000 60						
<b>7</b>	Nonferrous scrap (excluding home scrap)							
<b>8</b>	Copper and copper-base alloy . . . . .	330000 58						
<b>9</b>	Aluminum and aluminum-base alloy . . . . .	001900 14						
<b>10</b>	All other nonferrous scrap . . . . .	001900 79						

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If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

**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			
9	Industrial and commercial machinery and computer equipment							
	Industrial patterns . . . . .	332997 00						
10	Industrial dies, molds, jigs, and fixtures . . . . .	325000 74						
11	All other industrial and commercial machinery and computer equipment . . . . .	331000 86						
12	Sand . . . . .	212320 05						
13	Grinding wheels and other abrasive products, excluding industrial diamonds . . . . .	327910 01						
14	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↴	009700 99						
15	<b>TOTAL</b> (Should equal total reported in 16, line A1)	771000 00						

**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 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 1 through 4, , , 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 26 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 23 through 28.

**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.

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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 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				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
1	Aluminum and aluminum-base alloy die-castings . . . . .	331521 0100	1000 lb					
2	Nonferrous metal and alloy die-castings (excluding aluminum) . . . . .	331522 0900						
3	Aluminum and aluminum-base alloy castings (excluding die-castings) Aluminum and aluminum-base alloy castings (excluding cast aluminum cooking utensils)		1000 lb					
4	Sand . . . . .	331524 0101						
5	Permanent and semipermanent mold . . . . .	331524 0206						
6	Investment . . . . .	331524 0311						
7	Other (Specify kind.) ↘ [Redacted]	331524 0421						
8	Nonelectric cast aluminum pressure cookers, household-type, and nonelectric cast aluminum cooking utensils . . . . .	331524 0416						
9	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						
10	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) (Specify kind.) ↘ [Redacted]	331528 0300						
11	Steel investment castings (including carbon, alloy and stainless steel, and hi-temp metal (iron, nickel or cobalt based alloys)) . . . . .	331512 0100						
12	Other carbon steel castings (excluding investment) Cast steel railroad car wheels and railway specialties . . . . .	331513 1101						
	Other carbon steel castings (excluding investment) (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			
				Quantity	Value, f.o.b. plant		
					\$ Bil.	Mil.	Thou.
0734		0730	0736	0732	0731		
13	High alloy steel castings (excluding investment) . . .	331513 3100	↑ short tons ↓				
	Other alloy steel castings (excluding investment)						
14	Railway specialties . . . . .	331513 5101					
15	Rolls for rolling mills . . . . .	331513 5106					
16	All other alloy steel castings (Specify kind.) ↘  	331513 5111					
17	Industrial molds and mold boxes Industrial molds made of metal, for low-pressure and high-pressure die-casting of metal or metal carbides (excluding ingot molds) . . . .	333511 0102					
18	Industrial permanent molds made of metal for gravity casting (excluding ingot molds) . . . .	333511 0411					
19	Other industrial molds made of metal for metal or metal carbides (excluding ingot molds) (Specify kind.) ↘  	333511 0416					
20	Foundry patterns (billed to customers separately) (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.) . . . . .	332997 0101					
21	Receipts for machine shop job work and job order repairs . . . . .	332710 0100					
22	All other complete electrical and electronic equipment for internal combustion engines (including complete ignition equipment, magnetos, magneto-dynamos, and magnetic flywheels) (Specify kind.) ↘  	336322 9306					
23	All other products made in this establishment - 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.  	18					
24		26					
25		34					

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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			
				Quantity	Value, f.o.b. plant		
					\$ Bil.	Mil.	Thou.
0734		0730	0736	0732	0731		
26		42					
27		59					
28		67					
29	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴	930000 0000					
30	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					
31	Miscellaneous receipts Sales of scrap and refuse . . . . .	999801 3000					
32	Receipts for repair work (maintenance) . . . . .	999806 1000					
33	Other miscellaneous receipts . . . . .	999809 8000					
34	<b>TOTAL</b> (Should equal total reported in 5) . . . . .	770000 0000					

23-25 Not Applicable.

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If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

**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 2.
- 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	

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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

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"/>	<input type="text"/>	<input type="text"/>

Internet e-mail address

Date completed

Month Day Year

**Thank you for completing your 2007 ECONOMIC CENSUS form.**

**PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.**

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