

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

**Toll Operations** - Tolling must be performed for customers outside your own company. If the work is done for other establishments within your company, the value of the materials consumed in the tolling operation should be reported in your cost of materials data and the processed value of the products should be reported as a product shipment and a corresponding interplant transfer.

**Gross Weight** - Where gross weight is requested (line ) the figures reported should represent the entire weight of the materials in the relevant form shown on the schedule and not the metal content of the material. Gross weight should not include tare.

**Lines 7 and 8** - Include scrap generated in other establishments of your company and transferred to this plant, as well 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>	All other nonferrous metal ores and concentrates, including precious metal ores and concentrates (excluding copper ores, concentrates, and precipitates) . . . . .	212200 16						
<b>2</b>	Shapes and forms (excluding castings, forgings and fabricated metal products) Refined unalloyed copper (cathodes, ingots, cakes, slabs, etc.) and blister or anode copper . . . . .	331411 03	short tons					
<b>3</b>	Tin shapes and forms (excluding castings, forgings, and fabricated metal products) . . . . .	331419 38						
<b>4</b>	Zinc and zinc-base alloy refinery shapes . . . . .	331491 05	short tons					
<b>5</b>	Precious metals and precious metal alloy shapes and forms (excluding castings, forgings, and fabricated metal products) . . . . .	331419 02						
<b>6</b>	All other nonferrous metal shapes and forms (excluding refined unalloyed copper, precious metal, tin, and zinc castings, forgings, and fabricated metal products) . . . . .	331419 28						

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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>	Scrap Precious metal and precious metal alloy scrap . . . . .	330000 51						
<b>8</b>	All other nonferrous metal and metal-base alloy scrap . . . . .	330000 52						
<b>9</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>10</b>	<b>TOTAL</b> (Should equal total reported in <b>16</b> , line A1)	771000 00						

**18** Not Applicable.

**19** TYPE OF OPERATION  
(Mark "X" the ONE box that best describes the operation performed at this establishment during 2007.)

**Method of operation of this establishment during 2007**

- 0620 392  Smelting or refining copper from ore or smelter products
- 394  Smelting or refining lead from ore or smelter products
- 396  Smelting or refining zinc from ore
- 398  Aluminum reduction
- 400  Smelting or refining other nonferrous metals from ore or smelter products
- 402  Smelting or refining nonferrous metals from scrap or dross
- 406  Producing aluminum ingots or billets in an aluminum rolling mill
- 530  Performing other operations (Specify kind.) ↴

0621

**20 and 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.

**Quantity Produced For All Purposes** - Report the total quantity of each product produced. If this establishment performs both smelting and refining operations, production should be reported separately for each stage. Also, within each stage, production should be reported only in the form in which the metal passes from the smelter stage to the refined stage, or is shipped from this plant, or is consumed in this plant in the manufacture of products beyond the refined metal stage. Do not report production of intermediate stages through which the metal may be processed.

**Products Shipped and Other Receipts** - Report the quantity and value of shipments of all products made in this establishment during 2007. For value of shipments, report the net selling value, f.o.b. plant, after discounts and allowances, and exclusive of freight charges and excise taxes. Include products shipped on consignment, whether or not sold at the end of the year. Exclude shipments of materials to your toll processor. Include products made for you on a toll basis whether shipped direct from the toll processor or from this plant. Exclude shipments of products made in this establishment on a toll basis for others. Report the amount you received for "commission or toll processing" on line 22, Census code 930008 5000.

**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 930001 4000.

**Toll Operations** - Tolling must be performed for customers outside your own company. If the work is done for other establishments within your company; the value of the materials consumed in the tolling operation should be reported in your cost of materials data and the processed value of the product should be reported as a product shipment and a corresponding interplant transfer.

**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."

**Detailed Data Reported Elsewhere** - Items denoted by an asterisk (\*) require totals for groups of products covered in the more frequent Current Industrial Reports (CIR). If you report on the CIR forms, the sum of the detailed CIR products should equal the total reported on this census form.

Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Unit of measure for quantities	Quantity produced for all purposes	Products shipped and other receipts				
					Quantity	Value, f.o.b. plant			
						\$ Bil.	Mil.	Thou.	
	0734	0730	0736	0733	0732	0731			
1	Refined primary copper and copper-base alloy and primary copper smelter products, not commercial grade, produced for further refining (including blister or anode copper, cathode, wire bar, ingot and ingot bar, cakes, slabs, shot, etc.) . . . . .	331411 0100							
2	Secondary copper and copper-base alloy powders, paste, and flakes . . . . .	331423 0101							
3	Primary lead and lead-base alloys . . . . .	331419 A101							
4	Refined primary zinc Zinc unalloyed (including all ASTM specification zinc) . . . . .	331419 3101							
5	Zinc-base alloys . . . . .	331419 3111	short tons						
6	Primary precious metals and precious metal alloys Gold . . . . .	331419 7101	troy ounces						
7	Silver . . . . .	331419 7206							
8	Platinum (including platinum-group metals) . . . . .	331419 7311							

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

Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Unit of measure for quantities	Quantity produced for all purposes	Products shipped and other receipts			
					Quantity	Value, f.o.b. plant		
						\$ Bil.	Mil.	Thou.
0734		0730	0736	0733	0732	0731		
9	Other secondary nonferrous metal and metal alloy, powders, paste, and flakes (nickel-cobalt, tungsten, molybdenum, titanium, tantalum, gold, silver, platinum, and all other precious and other nonferrous metals) (Specify kind.) ↴	331492 1300						
10	Other primary nonferrous metals Primary magnesium and magnesium-base alloys . . . . .	331419 A103						
11	Primary unalloyed silicon . . . . .	331419 A121						
12	Other primary refined nonferrous metals and alloys (including nickel, tin, cadmium, antimony, cobalt, molybdenum, titanium sponge, etc.) (Specify kind.) ↴	331419 A131						
13	Other primary unrefined nonferrous metals (including metal bearing furnace residues, zinc residues, zinc smelter products (base bullion, matte, speiss, etc.) and other metal products) (Specify kind.) ↴	331419 A127						
14	Zinc oxide pigments . . . . .	325131 4111	short tons					
15	Sulfuric acid "(Corresponds to value of shipments reported on CIR MQ325B, Fertilizers and Related Chemicals, 2007.)" . . . . .	325188 1100						
16	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						
17		26						
18		34						
19		42						

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CONTINUE ON PAGE 12

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued								
Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Unit of measure for quantities	Quantity produced for all purposes	Products shipped and other receipts			
					Quantity	Value, f.o.b. plant		
						\$ Bil.	Mil.	Thou.
0734		0730	0736	0733	0732	0731		
20		59						
21		67						
22	Contract work Receipts for smelting and refining materials owned by others on a toll basis ↴	930008 5000						
23	All other receipts for work done for others on their own materials. (Specify products worked on and kind of work.) ↴	930001 4000						
24	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						
25	Miscellaneous receipts Sales of scrap and refuse . . . . .	999801 3000						
26	Other miscellaneous receipts (including receipts for repair work, etc.) . . . . .	999809 8000						
27	<b>TOTAL</b> (Should equal total reported in 5) . . . . .	770000 0000						

23-25 Not Applicable.

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**26 SPECIAL INQUIRIES**

**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"/>	<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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