

If not shown, please enter your 11-digit Census File Number from the address label on page 1

Census File Number

Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997

INSTRUCTIONS

1. General – The materials, parts, and supplies listed below are those commonly consumed in the manufacture, processing, or assembly of the products listed in item 18B. 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 which are not listed, describe and report them in the "Cost of all other materials . . ." line 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 970099 8.

Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

2. 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.

3. 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 item 10, line e, 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.

4. 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 item 10, line b, not in item 17 below. The value of these products shipped by this establishment should be reported in item 18B under Census product code 99989 00 6, "Resales."

5. Produced and Consumed – Forgings, foundries, and screw machine products – Report the quantities produced and used in manufacturing other products made in this establishment in item 19. Note that the materials used to produce these items should be reported in item 17.

Line No.	Materials, parts, and supplies (A)		Census material code (B)	Consumption of purchased materials and of materials received from other establishments of your company		
				Cost, including delivery cost (freight-in) (E)		
				574 Millions	Thou- sands	Dollars
1	FABRICATED METAL PRODUCTS (Except forgings)	Metal stampings	346901 2	\$		
2		Bolts, nuts, screws, washers, rivets, and screw machine products	345001 2			
3		All other fabricated metal products	340093 4			
4		Forgings	346000 3			
5	CASTINGS (Rough and semi-finished)	Iron and steel	332001 7			
6		Aluminum and aluminum-base alloy	336005 4			
7		Copper and copper-base alloy	336006 2			
8		Other nonferrous	336008 8			
9	Shapes and Forms (Except castings, forgings, and fabricated metal products)	STEEL	Bars, bar shapes, and plates	331007 5		
10			Sheet and strip	331022 4		
11			All other steel mill shapes and forms	331034 9		
12		COPPER AND COPPER-BASE ALLOY	Rod, bar, and bar shapes	335103 8		
13			Plate, sheet, and strip (including military cups and discs)	335143 4		
14			All other copper and copper-base alloy mill shapes and forms (including mechanical wire)	335109 5		
15			Aluminum and aluminum-base alloy (including sheet, plate, foil, extruded shapes, etc.)	335001 4		
16			Other nonferrous shapes and forms	335099 8		

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Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997 – Continued

Line No.	Materials, parts, and supplies (A)	Census material code (B)	Consumption of purchased materials and of materials received from other establishments of your company		
			Cost, including delivery cost (freight-in) (E)		
			574 Millions	Thou- sands	Dollars
17	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but excluding sheets, rods, tubes, and other shapes	282104 9	\$		
18	Plastics products consumed in the form of sheets, rods, tubes, and other shapes	308007 4			
19	Current-carrying wiring devices	364300 4			
20	Precious metals, all forms (including ingot, sheet, strip, solder, plating, electrodes, etc.)	333903 3			
21	Insulated wire and cable (except magnet wire)	335791 0			
22	Semiconductors, including transistors, diodes, rectifiers, and integrated circuits	367408 2			
23	Paper and paperboard containers, including shipping sacks and other paper packaging supplies	260091 4			
24	Cost of all other materials and components, parts, containers, and supplies consumed <i>Describe the principal materials, etc., included in this value.</i>	970099 8			
25	TOTAL Sum of lines 1–24 should equal item 10, line a		\$		

Item 18A – Not applicable to this report

Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997

INSTRUCTIONS

1. 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 item 18B. 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.

2. 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.

3. 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 product code 93000 00 8.

4. 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 product code 99989 00 6, "Resales."

5. 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. The Current Industrial Reports related to this report are as follows:

- a. MA33B, Steel Mill Products
- b. MA33L, Insulated Wire and Cable
- c. MA36A, Switchgear, Switchboard Apparatus, Relays, and Industrial Controls
- d. MA36K, Wiring Devices and Supplies
- e. MA36L, Electric Lighting Fixtures
- f. MA36Q, Semiconductors, Printed Circuit Boards, and Other Electronic Components

NOTE: Only CIR totals are requested; do not duplicate detail reported on the CIR.

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Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued

Line No.	Products and services <small>*Item corresponds to products reported on Current Industrial Reports</small>	Census product code <small>581</small>	Corresponds to the sum of values reported for 1997 on –		Products shipped and other receipts			
			CIR form	Item code	Value, f.o.b. plant (E)			
					<small>584</small> Millions	Thou- sands	Dollars	
(A)	(B-1)	(B-2)	(B-3)					
1	Lampholders (36431)*	36431 00 5	↑ MA36K ↓	2000–2026	\$			
2	Convenience and power outlets, both general and special purpose (excluding pin-and-sleeve type) (36432)*	36432 00 3		3027–3037				
3	Switches for electrical circuitry (including vehicular switches) (36433)*	36433 00 1		3109–3137				
4	Switches, mechanical, for electronic circuitry (36796)*	36796 00 1	MA36Q	8727–8737				
5	Metal contacts, precious and other (36434)*	36434 00 9	↑ MA36K ↓	3175				
6	Wire connectors for electrical circuitry (36435)*	36435 00 6		3182–3189				
7	CONNECTORS FOR ELECTRONIC CIRCUITRY	Coaxial (36781)*	↑ MA36Q ↓	↑ See paragraph 4 of CIR Instruction Manual ↓				
8		Cylindrical (36782)*			36782 00 1			
9		Rack and panel (rectangular) (36783)*			36783 00 9			
10		Printed circuit (36784)*			36784 00 7			
11		Other (including parts) (36785)*			36785 00 4			
12	Other current-carrying wiring devices (including attachments plug caps, connectors bodies, lightning arrestors, pin-and-sleeve convenience and power outlets, etc.) (36436)*	36436 00 4	↑ MA36K ↓	3633–3697				
13	Pole and transmission line hardware (36441)*	36441 00 4		4112–4151				
14	Electrical conduit and conduit fittings (including plastics conduit and conduit fittings) (36442)*	36442 00 2		4222–4262				
15	Other noncurrent-carrying wiring devices and supplies (boxes, covers, bar hangers, etc.) (36443)*	36443 00 0		4331–4368				
16	Steel pipe and tubes, made in plants not producing semifinished shapes or plate (33170)*	33170 00 2	MA33B	1635–1695 2645–2680 3650–3690				
17	Apparatus wire and cordage (excluding wiring harnesses) manufactured primarily from purchased insulated wire (36996)*	36996 00 7	MA33L	5201–5229				
18	Low voltage panelboards and distribution boards and other switching and interrupting devices 1,000 volts or less (36133)*	36133 00 7	↑ MA36A ↓	3001–3201				
19	Fuses and fuse equipment less than 2,300 volts (except power distribution cut outs) (36134)*	36134 00 5		4001–4301				
20	Switchgear, except ducts and relays (36139)*	36139 00 4		5314–5361				
21	Relays for electronic circuitry, industrial controls, overload, and switchgear type (36251)*	36251 00 7		5400–5496				
22	Specific-purpose industrial controls (36252)*	36252 00 5		6101–6355				
23	General-purpose controls (36253)*	36253 00 3		6402–6509				
24	Parts for industrial controls and motor-control accessories (36254)*	36254 00 1		6703, 6705				
25	Industrial-type electric lighting fixtures (including parts and accessories) (36463)*	36463 00 8	MA36L	2302–2339				
26	Pressure-sensitive products	26723 00 7						
27	Special-purpose coatings, including all marine coatings, industrial, construction and maintenance coatings, traffic marking paints, etc. (28513)*	28513 00 0	MA28F	5301–5331				
28	Plastic pipe	30840 00 3						
29	Apparatus wire and cordage and flexible cord sets, except wiring harnesses (33576)*	33576 00 0	↑ MA33L ↓	5221–5247				
30	Power wire and cable (33578)*	33578 00 6		3201–4013				

Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued

Line No.	Products and services *Item corresponds to products reported on Current Industrial Reports (A)	Census product code (B-1)	Corresponds to the sum of products reported for 1997 on –		Products shipped and other receipts		
			CIR form (B-2)	Item code (B-3)	Value, f.o.b. plant (E)		
					584 Millions	Thou- sands	Dollars
31	Electronic wire and cable (3357A)*	3357A 00 1	MA33L	2201–2270	\$		
32	Computer peripheral equipment, n.e.c., including input/output equipment (35771)*	35771 00 5	MA35R	3710–3884			
33	Telephone and telegraph (wire) apparatus, including telephopne sets, telephone answering, and fax machines (36614)*	36614 00 6	MA36P	0402–0490			
34	Electromedical equipment (including diagnostic, therapeutic, and patient monitoring; excluding ionizing radiation equipment) (38450)*	38450 00 3	MA38R	8030–8080 8106–8135 8222–8242			
35	ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT <i>Describe and report separately each product with a sales value of \$50,000 or more which cannot be assigned to one of the lines above. For all remaining products, write "Other" and report a single total value.</i>	18					
36		26					
37		34					
38		42					
39		59					
40	CONTRACT WORK <i>Receipts for work done for others on their own materials Describe below products worked on and kind of work.</i>	93000 00 8					
41	MISCELLANEOUS RECEIPTS <i>Sales of scrap, refuse, and other miscellaneous receipts (including receipts for repair work, etc.)</i>	99980 00 5					
42	RESALES <i>Sales of products bought and sold without further manufacture, processing, or assembly in this establishment. The cost of such items should be reported in item 10, line b.</i>	99989 00 6					
43	TOTAL value of shipments and other receipts Sum of lines 1–42, column (E)	77000 00 8			\$		

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Item 19. SELECTED PRODUCTS PRODUCED IN THIS ESTABLISHMENT AND USED IN MANUFACTURING OTHER PRODUCTS MADE IN THIS ESTABLISHMENT

INSTRUCTIONS

- 1. Report below the quantity of each listed item produced in this establishment and used in manufacturing other products made in this establishment.
- 2. Purchases or receipts of the items specified below should be reported only in item 17.
- 3. Materials used to produce the items specified below should be reported in item 17.
- 4. Quantities produced for sale as such and not for incorporation in other products should be reported in item 18B.
- 5. Report quantities in the unit of measure specified in column (D).

Line No.	Item (A)	Census code (B)	Was this operation performed at this establishment during 1997? (C)		Unit of measure for quantities (D)	Quantities produced in this establishment and used in manufacturing other products made in this establishment (E)
			592			
			Yes	No		
1	Ferrous foundries	1001 7	1 <input type="checkbox"/>	2 <input type="checkbox"/>	Short tons	
2	NONFERROUS FOUNDRIES (Except die-casting)	1002 5	1 <input type="checkbox"/>	2 <input type="checkbox"/>	Thousand pounds	
3		1003 3	1 <input type="checkbox"/>	2 <input type="checkbox"/>		
4		1004 1	1 <input type="checkbox"/>	2 <input type="checkbox"/>		
5		1005 8	1 <input type="checkbox"/>	2 <input type="checkbox"/>		
6	Nonferrous die-casting foundries	1006 6	1 <input type="checkbox"/>	2 <input type="checkbox"/>		
7	Precision turned products (on screw machines, turning centers, and CNC equipment)	1007 4	1 <input type="checkbox"/>	2 <input type="checkbox"/>		

Items 20 and 21 – Not applicable to this report

REMARKS – Please use this space for any explanations that may be essential in understanding your reported data.

Item 22. CERTIFICATION – This report is substantially accurate and has been prepared in accordance with instructions.

Name of person to contact regarding this report (Print or type)		Telephone	Area code	Number	Extension		
667	1	2					
Name of company			Address (Number and street, city, State, ZIP Code)				
Period covered		FROM: Month	Day	Year	TO: Month	Day	Year
		666	1		2		
Signature of authorized person				Title		Date	