

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

**4. 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.

**5. 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."

Line No.	Materials, parts, and supplies  <b>(A)</b>	Census material code  <b>(B)</b>	Consumption of purchased materials and of materials received from other establishments of your company		
			Cost, including delivery cost (freight-in) <b>(E)</b>		
			574 Millions	Thou- sands	Dollars
<b>1</b>	Specialty transformers and fluorescent ballasts	361201 7	\$		
<b>2</b>	Current-carrying wiring devices	364300 4			
<b>3</b>	Electric lamp bulbs	364101 6			
<b>4</b>	Flat glass (plate, float, and sheet)	321101 8			
<b>5</b>	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but excluding sheets, rods, tubes, and shapes	282104 9			
<b>6</b>	Plastics products consumed in the form of sheets, rods, tubes, and other shapes	308007 4			
<b>7</b>	Fabricated plastics products, except gaskets	308006 6			
<b>8</b>	Insulated wire and cable, including magnet wire	335796 9			
<b>9</b>	Paperboard containers, boxes, and corrugated paperboard	265001 8			
<b>10</b>	FABRICATED METAL PRODUCTS (Except forgings)				
	Bolts, nuts, screws, washers, rivets, and screw machine products	345001 2			
<b>11</b>	Metal poles	349910 0			
<b>12</b>	All other fabricated metal products	340060 3			
<b>13</b>	Forgings	346000 3			
<b>14</b>	CASTINGS (Rough and semifinished)				
	Iron and steel	332001 7			
<b>15</b>	Aluminum and aluminum-base alloy	336005 4			
<b>16</b>	Other nonferrous	336003 9			

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**Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997 – Continued**

Line No.	Materials, parts, and supplies  <b>(A)</b>			Census material code  <b>(B)</b>	Consumption of purchased materials and of materials received from other establishments of your company		
					Cost, including delivery cost (freight-in) <b>(E)</b>		
					574 Millions	Thou- sands	Dollars
17	<b>Shapes and Forms (Except castings and forgings)</b>	STEEL	Sheet and strip	331022 4	\$		
18			Wire and wire products	331027 3			
19			All other steel mill shapes and forms	331096 8			
20		ALUMINUM AND ALUMINUM-BASE ALLOY	Sheet, plate, foil, and welded tubing	335301 8			
21			Extruded shapes (including extruded rod, bar, pipe, tube, etc.)	335405 7			
22			All other (wire, rolled rod and bar, etc.)	335008 9			
23		Copper and copper-base alloy	335004 8				
24	Other nonferrous shapes and forms	335099 8					
25	Lamp shades			399951 3			
26	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			
27	<b>TOTAL</b> Sum of lines 1–26 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. MA36A, Switchgear, Switchboard Apparatus, Relays, and Industrial Controls
- b. MA36K, Wiring Devices and Supplies
- c. MA36L, Electric Lighting Fixtures
- d. MA36P, Communication Equipment, Including Telephone, Telegraph, and Other Electronic Systems and Equipment

**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 *Item corresponds to products reported on Current Industrial Reports			Census product code <small>581</small>	Corresponds to the sum of products reported for 1997 on –		Products shipped and other receipts		
					CIR form <b>(B-2)</b>	Codes <b>(B-3)</b>	Value, f.o.b. plant <b>(E)</b>		
	<b>(A)</b>	<b>(B-1)</b>	<b>(B-2)</b>	<b>(B-3)</b>			<small>584</small> Millions	Thou- sands	Dollars
1	Residential-type electric fixtures (except portable; including parts and accessories) <b>(36451)*</b>			36451 00 3	MA36L	1011-1101	\$		
2	<b>Portable Residential-Type Lighting Fixtures and Parts for Portable Residential-Type Lighting Fixtures (36457)</b>	INCANDESCENT PORTABLE LAMPS, COMPLETE WITH SHADE (Report lamps without shades on line 6)	Floor lamps	36457 21 6					
3			Wall lamps (including adjustable types)	36457 22 4					
4			Table lamps (excluding desk)	36457 23 2					
5			Other (including boudoir and desk) – <i>Specify kind</i>	36457 29 9					
6			Incandescent portable lamps sold without shades (including floor, table, etc.)	36457 32 3					
7			Fluorescent portable lamps (desk, etc.)	36457 61 2					
8			Parts and accessories for portable residential lighting fixtures	36457 73 7					
9			Commercial- and institutional-type electric lighting fixtures (including parts and accessories) <b>(36462)*</b>			36462 00 0	MA36L	2101-2298	
10	Industrial-type electric lighting fixtures (including parts and accessories) <b>(36463)*</b>			36463 00 8	2302-2339				
11	Vehicular lighting equipment, electric (including parts and accessories) <b>(36470)</b>			36470 00 3					
12	Outdoor lighting equipment except lamps (including parts and accessories) <b>(36485)*</b>			36485 00 1	MA36L	2510-2598			
13	<b>Other Electric and Nonelectric Lighting Equipment (Including hand portable equipment and parts and accessories) (36489)</b>	INCANDESCENT HAND PORTABLE LIGHTING EQUIPMENT (Except parts)	Rechargeable battery-operated	36489 12 8					
14			Other than rechargeable battery-operated:	36489 16 9					
15			• Flashlights and flashlight lanterns (one to five cells)	36489 16 9					
16			• Other, such as miners' lights, emergency warning lights, generator flashlights, etc. – <i>Specify kind</i>	36489 17 7					
17			Other incandescent electric lighting equipment (including marine markers or beacons, railway and other vehicular route lighting equipment, etc.), except parts and accessories – <i>Specify kind</i>	36489 31 8					
17	Other fluorescent lighting equipment, complete units (including processing and technical equipment) – <i>Specify kind</i>			36489 75 5					
18	Other electric lighting equipment (including electrical discharge, such as mercury vapor [other than street and highway lighting equipment], sodium vapor [excluding signs], ultraviolet and infrared health lamp fixtures (excluding lamp bulbs sold separately), etc. – <i>Specify kind</i>			36489 79 7					

(Continued on next page)

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  <b>(A)</b>		Census product code  <b>(B-1)</b>	Corresponds to the sum of products reported for 1997 on –		Products shipped and other receipts		
				CIR form <b>(B-2)</b>	Codes <b>(B-3)</b>	Value, f.o.b. plant <b>(E)</b>		
						584 Millions	Thousands	Dollars
19	Other Electric and Nonelectric Lighting Equipment (Including hand portable equipment and parts and accessories) (36489) – Continued		36489 70 6			\$		
20	NONELECTRIC LIGHTING EQUIPMENT (Including parts) Nonelectric lighting fixtures and equipment, complete units (including lamps and lanterns (including kerosene, gasoline, propane, butane, etc., and carbide lamps of all types)) – <i>Specify kind</i>		36489 84 7					
21	Parts and accessories for nonelectric lighting equipment (including reflectors and fittings, incandescent mantles, etc.) – <i>Specify kind</i>		36489 85 4					
22	Automotive mirrors (except mirror assemblies)		3231A 71 4					
23	Lampholders (36431)*		36431 00 5	MA36K	2000–2026			
24	Low voltage panelboards, distribution boards, and other switching and interrupting devices, 1000 volts and below (36133)*		36133 00 7	MA36A	3001–3201			
25	Alarm systems, including electric sirens and horns (marine, industrial and air raid) security locking systems (36691)*		36691 00 4	MA36P	3111–3149			
26	Motor vehicle hardware (including lock units, door and window handles, window regulators, hinges, license plate brackets, instrument panel knobs, etc.)		34296 00 4					
27	Parts for carburetors (excluding gaskets and screw machine products; including carburetor temperature controls)		35921 05 5					
28	Electric lamp bulbs and tubes (including sealed beam lamp bulbs) (36411)		36411 00 7					
29	Current-carrying wiring devices (including attachment plug caps, connector bodies, lightning arrestors, and pin-and-sleeve convenience power outlets; excluding lamp holders, convenience and power outlets (except pin-and-sleeve), switches, metal contacts, and wire connectors for electrical circuitry) (36436)*		36436 00 4	MA36K	3633–3698			
30	Parts for engine electrical/electronic equipment – <i>Specify kind</i>		36949 00 6					
31	Motor vehicle bumper assemblies, bumpers, and parts		37149 01 0					
32	Motor vehicle parts and accessories, new (excluding gasoline engine and gasoline engine parts, filters for internal combustion engines and motor vehicles, exhaust system parts, drive train components, wheels, and brake parts and assemblies, bumper assemblies, bumpers, and parts) – <i>Specify kind</i>		37149 00 2					

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**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  <b>(A)</b>		Census product code  <b>(B-1)</b>	Corresponds to the sum of products reported for 1997 on –		Products shipped and other receipts		
				CIR form <b>(B-2)</b>	Codes <b>(B-3)</b>	Value, f.o.b. plant <b>(E)</b>		
						584 Millions	Thousands	Dollars
<b>33</b>	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			\$			
<b>34</b>		26						
<b>35</b>		34						
<b>36</b>		42						
<b>37</b>		59						
<b>38</b>		67						
<b>39</b>		75						
<b>40</b>		83						
<b>41</b>	91							
<b>42</b>	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						
<b>43</b>	MISCELLANEOUS RECEIPTS  Sales of scrap, refuse, and other miscellaneous receipts (including receipts for repair work, etc.)	99980 00 5						
<b>44</b>	RESALES  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.	99989 00 6						
<b>45</b>	<b>TOTAL value of shipments and other receipts</b> Sum of lines 1–44, 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)	Aluminum	1002 5	1 <input type="checkbox"/>	2 <input type="checkbox"/>	↑ Thousand pounds ↓
3		Copper	1003 3	1 <input type="checkbox"/>	2 <input type="checkbox"/>	
4		Zinc	1004 1	1 <input type="checkbox"/>	2 <input type="checkbox"/>	
5		Other	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 ( <i>Print or type</i> )		Telephone	Area code	Number	Extension	
667	1	2				
Name of company			Address ( <i>Number and street, city, State, ZIP Code</i> )			
Period covered	FROM: Month	Day	Year	TO: Month	Day	Year
	666	1		2		
Signature of authorized person			Title		Date	