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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

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 used at this establishment in making products for others under contract (in item 10, line b) 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."

**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.

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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)		
						(E)		
	(A)	(B)	(C)	(D)	Millions	Thousands	Dollars	
1	STEEL	Bare wire	331501 7	↑ Short tons		\$		
2		All other steel shapes and forms	331003 4					
3	COPPER AND COPPER-BASE ALLOY	Rods	Unalloyed	335133 5	↑ Thousand pounds			
4			Alloyed	335135 0				
5		Wire for redrawing	335112 9					
6		Bare wire, electrical (except wire for redrawing)	335725 8					
7		Insulated copper wire and cable	335794 4					
8		Cathodes	333102 2	Short tons				
9		All other copper and copper-base alloy shapes and forms, including wire bar	335121 0					
10		ALUMINUM AND ALUMINUM-BASE ALLOYS	Rods	335009 7		↑ Thousand pounds		
11	Wire for redrawing		335511 2					
12	Bare wire (except wire for redrawing)		335718 3					
13	All other aluminum and aluminum-base alloy shapes and forms		335050 1					
14	Refined unalloyed tin		333976 9					
15	All other nonferrous shapes and forms – Specify kind and type of metal		335092 3	Thousand pounds				

CONTINUE WITH ITEM 17 ON PAGE 6

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

Line No.	Materials, parts, and supplies  <b>(A)</b>		Census material code  <b>(B)</b>	Unit of measure for quantities  <b>(C)</b>	Consumption of purchased materials and of materials received from other establishments of your company		
					Quantity  <b>(D)</b>	Cost, including delivery cost (freight-in) <b>(E)</b>	
						Millions	Thousands
16	CHEMICALS AND ALLIED PRODUCTS	Plastics resins consumed in the form of granules, pellets, powder, liquid, etc. (excluding sheets, rods, tubes, and shapes)	282104 9	Thousand pounds			
17		Synthetic rubber	282202 1				
18		All other chemical and allied products	280025 8				
19	STONE, CLAY, GLASS, AND CONCRETE PRODUCTS	Optical fiber, data and nondata transmission	323110 7				
20		Fiberglass insulating materials	329610 0				
21		All other stone, clay, glass, and concrete products	320010 2				
22	Natural rubber		083100 8	Thousand pounds			
23	Plastics products consumed in the form of sheets, rods, tubes, and other shapes		308007 4				
24	Cotton yarns		228102 0	Thousand pounds			
25	Connectors		364350 9				
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. TYPE OF OPERATION**

Line No.	Operations performed <i>Mark (X) any which describe your operations</i> <b>(A)</b>	Key	<i>Mark (X) appropriate ones</i> <b>(B)</b>
1	Produce aluminum wire and cable from rods produced in this establishment	401	5413 <input type="checkbox"/>
2	Produce aluminum wire and cable from rods or redraw wire purchased from other companies or received from other plants of this company	402	5439 <input type="checkbox"/>
3	Produce fabricated wire products, other than insulated wire and cable, from purchased wire	403	4945 <input type="checkbox"/>
4	Produce fabricated wire product from wire drawn in this establishment	404	4937 <input type="checkbox"/>
5	Produce appliance wire and cord and flexible cord sets from purchased insulated wire	405	5652 <input type="checkbox"/>
6	Produce appliance wire and cord from wire insulated in this establishment	406	5553 <input type="checkbox"/>

**CONTINUE WITH ITEM 18B ON PAGE 7**

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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. Products Shipped and Other Receipts – Columns (D-2) and (E) – Report the quantity and value of shipments of all products made in this establishment which were physically shipped from this establishment during 1997. Include products shipped on consignment, whether or not sold at the end of the year. For value of shipments, report the net selling value, f.o.b. plant, of your total shipments of each product listed. The reported figures should represent value, f.o.b. plant, after discounts and allowances and should not include freight charges or excise taxes. Include on these same lines, shipments of 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.
  3. Contract Work
    - a. Products made by others for you from your materials – Report such products on the specific lines of this section as if they were made in this establishment.
  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.
- NOTE: Only CIR totals are requested; do not duplicate detail reported on the CIR.

Line No.	Products and services *Item corresponds to products reported on Current Industrial Reports  (A)		Census product code  (B)	Unit of measure for quantities  (C)	Quantity produced for all purposes  (D-1)	Products shipped and other receipts		
						Quantity  (D-2)	Value, f.o.b. plant (E)	
							Millions	Thou- sands
1	Aluminum and aluminum-base alloy wire and cable (except covered or insulated, include ACSR)		33571 00 1			\$		
2	COPPER AND COPPER-BASE ALLOY WIRE, STRAND, AND CABLE (FOR ELECTRICAL TRANSMISSION) (33572)	Bare wire, unalloyed	33572 11 6	Short tons				
3		Bare wire, alloyed	33572 51 2					
4		Strand and cable, bare	33572 71 0	Short tons				
5		Other copper and copper-base alloy wire, strand, and cable (including electrical wire rod)	33572 81 9					
6	Copper wire (alloyed), bare and tinned (nonelectrical)		33511 31 2	Short tons				
7	Other nonferrous metal wire, bare		33573 00 7					
8	WOVEN WIRE CLOTH	Aluminum wire cloth and woven wire products	33574 01 3					
9		Copper wire cloth and woven wire products	33574 02 1					
10		Other nonferrous wire cloth and woven wire products	33574 05 4					
11	INSULATED WIRE AND CABLE (Except fiber optic)	Apparatus wire and cordage and flexible cord sets, except wire harnesses, made in plants that draw wire (corresponds to the sum of item codes 5221–5247 pt, on CIR MA33L, Insulated Wire and Cable) *	33576 00 0					
12		Magnet wire, made in plants that draw wire (corresponds to the sum of item codes 6106–6188 on CIR MA33L, Insulated Wire and Cable) *	33577 00 8					
13		Power wire and cable, made in plants that draw wire (corresponds to the sum of item codes 3201–4013 on CIR MA33L, Insulated Wire and Cable) *	33578 00 6					

(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		Census product code	Unit of measure for quantities	Quantity produced for all purposes	Products shipped and other receipts				
						581	582	583	Value, f.o.b. plant (E)	
			(B)	(C)	(D-1)				(D-2)	584
14	INSULATED WIRE AND CABLE (Except fiber optic) – Continued		Electronic wire and cable, made in plants that draw wire (corresponds to the sum of item codes 2201–2270 on CIR MA33L, Insulated Wire and Cable) *	3357A 00 1						\$
15			Telephone and telegraph wire and cable, made in plants that draw wire (corresponds to the sum of item codes 2501–2545 on CIR MA33L, Insulated Wire and Cable) *	3357B 00 9						
16			Control and signal wire and cable, made in plants that draw wire (corresponds to the sum of item codes 4111– 4119 on CIR MA33L, Insulated Wire and Cable) *	3357C 00 7						
17			Building wire and cable, made in plants that draw wire (corresponds to the sum of item codes 4242–4264 on CIR MA33L, Insulated Wire and Cable) *	3357D 00 5						
18			Other insulated wire and cable, including automotive, made in plants that draw wire (corresponds to the sum of item codes 5310–5331 on CIR MA33L, Insulated Wire and Cable) *	3357E 00 2						
19	FIBER OPTIC CABLE (33579)		Communication (telephone, telegraph, and electronic) made of aluminum plants that draw wire (corresponds to the sum of item codes 8101–8111 pt, on CIR MA33L, Insulated Wire and Cable) *	33579 31 9						
20			Communication (telephone, telegraph, and electronic) made of copper in plants that draw wire (corresponds to the sum of item codes 8101–8111 pt, on CIR MA33L, Insulated Wire and Cable) *	33579 41 8						
21			Communication (telephone, telegraph, and electronic) made of other nonferrous products in plants that draw wire (corresponds to the sum of item codes 8101–8111 pt, on CIR MA33L, Insulated Wire and Cable) *	33579 51 7						
22			All other uses made of aluminum in plants that draw wire (corresponds to item code 8120 pt, on CIR MA33L, Insulated Wire and Cable) *	33579 32 7						
23			All other uses made of copper in plants that draw wire (corresponds to item code 8120 pt, on CIR MA33L, Insulated Wire and Cable) *	33579 42 6						
24			All other uses made of other nonferrous products in plants that draw wire (corresponds to item code 8120 pt, on CIR MA33L, Insulated Wire and Cable) *	33579 52 5						
25			Steel wire (including galvanized and other coated wire made in plants not producing wire rods or hot-rolled bars made in plants that draw wire) (corresponds to the sum of survey item codes 1741–1771, 2707, and 3710–3740 pt, as reported on CIR Form MA33B, Steel Mill Products) *	33155 00 3						

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

Line No.	Products and services  <b>(A)</b>		Census product code	Unit of measure for quantities	Quantity produced for all purposes	Products shipped and other receipts			
			581		582	Quantity	Value, f.o.b. plant <b>(E)</b>		
			<b>(B)</b>		<b>(C)</b>	<b>(D-1)</b>	583 <b>(D-2)</b>	584 Millions	Thousands
26	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. Specify unit of measure for quantity. For all remaining products, write "Other" and report a single total value.</i>		18						
27			26						
28			34						
29			42						
30			59						
31	CONTRACT WORK	Receipts for processing (drawing, redrawing, insulating) materials owned by others	93000 87 5						
32		Receipts for work done for others on their own materials. . . . . <i>Describe below products worked on and kind of work.</i>	93000 14 9						
33	MISCELLANEOUS RECEIPTS	Sales of scrap, refuse, and other miscellaneous receipts (including receipts for repair work, etc.)	99980 00 5						
34	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						
35	<b>TOTAL value of shipments and other receipts</b> Sum of lines 1-34, column (E)		77000 00 8						\$

**Items 19-21 – 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> )			
<b>Period covered</b>		FROM: Month	Day	Year	TO: Month	Day	Year
666	1				2		
Signature of authorized person				Title		Date	