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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

**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** – Report as materials consumed those you purchase 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.

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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>	FABRICATED METAL PRODUCTS (Except Forgings)	Metal hardware (including hinges, handles, locks, casters, etc.)	342903 2	\$		
<b>2</b>		Bolts, nuts, screws, rivets, and screw machine products	345001 2			
<b>3</b>		Metal stampings	346901 2			
<b>4</b>		Fabricated wire products	349012 5			
<b>5</b>		All other fabricated metal products	340053 8			
<b>6</b>	CASTINGS (Rough and semifinished)	Iron and steel	332001 7			
<b>7</b>		Aluminum and aluminum-base alloy	336005 4			
<b>8</b>		Copper and copper-base alloy	336006 2			
<b>9</b>		Zinc and zinc-base alloy	336009 6			
<b>10</b>		All other nonferrous castings	336007 0			
<b>11</b>	Forgings		346000 3			
<b>12</b>	Shapes and Forms (Except castings, forgings, and fabricated metal products) (Continued on next page)	STEEL	Bars, bar shapes, and plates	331007 5		
<b>13</b>			Sheet, strip, and tin mill products	331073 7		
<b>14</b>			Wire and wire products	331027 3		
<b>15</b>			All other shapes and forms	331028 1		

CONTINUE WITH ITEM 17 ON PAGE 6

Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997 – Continued								
Line No.	Materials, parts, and supplies			Census material code	Consumption of purchased materials and of materials received from other establishments of your company			
					Cost, including delivery cost (freight-in)			
	(A)			571	(E)			
				(B)	574	Millions	Thousands	Dollars
16	<b>Shapes and Forms (Except castings, forgings, and fabricated metal products) -- Continued</b>	COPPER AND COPPER-BASE ALLOY	Rods, bars, and mechanical wire (including extruded and/or drawn shapes)	335102 0	\$			
17			Sheet, strip, and plate	335150 9				
18			All other shapes and forms	335108 7				
19		ALUMINUM AND ALUMINUM-BASE ALLOY	Sheet, plate, foil, and welded tubing	335301 8				
20			Extruded shapes (including extruded rod, bar, pipe, tube, etc.)	335405 7				
21			All other shapes and forms	335008 9				
22		Zinc and zinc-base alloy refinery shapes		333978 5				
23		All other nonferrous shapes and forms		335045 1				
24		Metal powders			339915 1			
25	RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS	Fabricated rubber products (except tires, tubes, hose, belting, and gaskets)		306002 7				
26		Plastics products (film, sheet, plate, rod, tube, fabricated shapes including parts, handles, grips, etc.)		308002 5				
27		All other rubber and miscellaneous plastics products		300099 9				
28	Paperboard containers, boxes, and corrugated paperboard			265001 8				
29	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but excluding sheets, rods, tubes, and shapes			282104 9				
30	Glass products			320100 1				
31	Electric motors, generators, and parts			362105 9				
32	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				
33	<b>TOTAL</b> Sum of lines 1–32 should equal item 10, line a				\$			

**Item 18A – Not applicable to this report**

**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. 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."

Line No.	Products and services  <b>(A)</b>		Census product code  <b>(B)</b>	Products shipped and other receipts		
				Value, f.o.b. plant <b>(E)</b>		
				584 Millions	Thou- sands	Dollars
<b>1</b>	FURNITURE HARDWARE (Excluding cabinet hardware) <b>(34292)</b>	Sleeper mechanisms	34292 12 8	\$		
<b>2</b>		Rotating and tilting fixtures and bases	34292 13 6			
<b>3</b>		Furniture hardware (including drawer pulls and handles, etc., excluding furniture and drawer slides)	34292 14 4			
<b>4</b>		Furniture and drawer slides	34292 16 9			
<b>5</b>		Furniture casters	34292 53 2			
<b>6</b>		Other floor protective devices (including slides, glides, furniture rests, and desk leg cups)	34292 55 7			
<b>7</b>	Vacuum and insulated bottles, jugs, and chests (except those made principally of foam plastics)		34293 00 1			
<b>8</b>	<b>Builders' Hardware (34294)</b>	PADLOCKS	Pin tumbler	34294 12 4		
<b>9</b>			All other types	34294 15 7		
<b>10</b>		DOORLOCKS, LOCKSETS, AND LOCK TRIM	Bored, cylindrical, and tubular (except deadlocks)	34294 16 5		
<b>11</b>			Mortise (except mortise deadlocks)	34294 17 3		
<b>12</b>			Tubular and mortise deadlocks	34294 18 1		
<b>13</b>			Electronically or electrically operated locks	34294 19 9		
<b>14</b>			All other types – <i>Specify kind</i>	34294 22 3		
<b>15</b>			Architectural trim (sold separately) (including protection plates, push plates, pulls, push-pull bars, and lock trim, n.e.c.)	34294 23 1		
<b>16</b>			Key blanks	34294 24 9		
<b>17</b>		Exit devices (including fire exit hardware)	34294 27 2			
<b>18</b>		Screen and storm door hardware (including pneumatic and hydraulic closures)	34294 33 0			
<b>19</b>		Window hardware (including window locks)	34294 36 3			
<b>20</b>		(Continued on next page)	Miscellaneous closet hardware (including shelving other than wire and decorative shelving)	34294 37 1		

**CONTINUE WITH ITEM 18B ON PAGE 8**

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

Line No.	Products and services  <b>(A)</b>			Census product code  <b>(B)</b>	Products shipped and other receipts			
					Value, f.o.b. plant <b>(E)</b>			
					584 Millions	Thou- sands	Dollars	
<b>21</b>	<b>Builders' Hardware (34294) – Continued</b>	DOOR CONTROLS, CLOSERS, AND CHECKING DEVICES	Surface applied	34294 42 1	\$			
<b>22</b>			Concealed (overhead, in the door, or on the floor)	34294 43 9				
<b>23</b>			Electromechanical-pneumatic (with hold-open mechanism released by integral or remote smoke detector)	34294 44 7				
<b>24</b>	HINGES, (Excluding cabinet hinges; including spring hinges)	Butt Hinges	3 1/2 inches x 3 1/2 inches or less	34294 52 0				
<b>25</b>			More than 3 1/2 inches x 3 1/2 inches, either dimension	34294 53 8				
<b>26</b>			Other – <i>Specify kind</i>		34294 54 6			
<b>27</b>			CABINET HARDWARE	Cabinet hinges		34294 61 1		
<b>28</b>			Cabinet locks		34294 62 9			
<b>29</b>			Cabinet knobs, pulls, and catches		34294 64 5			
<b>30</b>			Other cabinet hardware (including drawer slides, etc.) – <i>Specify kind</i>					
<b>31</b>			Hangers, tracks, and related items (except sliding and folding door hardware), residential and commercial		34294 71 0			
<b>32</b>			Sliding and folding door hardware, residential and commercial		34294 73 6			
<b>33</b>			Door holders and stops (overhead, surface and concealed; floor and wall mounted)		34294 81 9			
<b>34</b>			Rim locks and other locking devices, n.e.c.		34294 91 8			
<b>35</b>			Other builders' hardware – <i>Specify kind</i>					
<b>36</b>			Motor vehicle hardware (including lock units, door and window handles, window regulators, hinges, license plate brackets, instrument panel knobs, etc.)		34296 00 4			
<b>37</b>	<b>OTHER TRANSPORTATION EQUIPMENT HARDWARE (Except motor vehicle hardware) (34297)</b>	Marine hardware (including shackles, rope sockets, tackle blocks, wire rope clips, clamps, and joiners' hardware)			34297 11 9			
<b>38</b>			Aircraft hardware		34297 31 7			
<b>39</b>			Other transportation equipment hardware (including railroad car hardware) – <i>Specify kind</i>		34297 98 6			
<b>40</b>	<b>OTHER HARDWARE (34298)</b>	Casket and casket shell hardware			34298 12 5			
<b>41</b>			Casters and wheels for dollies and industrial hand trucks		34298 22 4			
<b>42</b>			Fireplace fixtures and equipment, andirons, screens, tongs, and other fire tools		34298 52 1			
<b>43</b>			Hose fittings and couplings (including garden hose, beverage hose, etc.; excluding fittings and couplings used in fluid power systems)		34298 62 0			
<b>44</b>			Refrigerator and stove hardware		34298 65 3			
<b>45</b>			Other hardware (including saddlery and harness hardware, but excluding drapery hardware) – <i>Specify kind</i>		34298 98 4			
<b>46</b>			Other stamped and pressed metal end products, excluding spinning products		34699 97 5			
<b>47</b>			Other fabricated metal products, n.e.c., including chests, metal ironing boards, and metal memorial tablets and grave markers		34998 98 9			

**CONTINUE WITH ITEM 18B ON PAGE 9**

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

Line No.	Products and services  (A)		Census product code  (B)	Products shipped and other receipts		
				Value, f.o.b. plant (E)		
				584 Millions	Thou- sands	Dollars
48 49 50 51 52 53 54 55 56	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	\$		
			26			
			34			
			42			
			59			
			67			
			75			
			83			
			91			
57	CONTRACT WORK	Receipts for work done for others on their own materials . . . . . <i>Describe below products worked on and kind of work.</i>	93000 00 8			
58	MISCELLANEOUS RECEIPTS	Sales of scrap and refuse	99980 13 8			
59		Receipts for repair work	99980 61 7			
60		Other miscellaneous receipts	99980 98 9			
61	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			
62	<b>TOTAL value of shipments and other receipts</b> Sum of lines 1–61, column (E)		77000 00 8	\$		

CONTINUE WITH ITEM 19 ON PAGE 10

**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  <b>(A)</b>	Census code  <b>(B)</b>	Was this operation performed at this establishment during 1997?		Unit of measure for quantities  <b>(D)</b>	Quantities produced in this establishment and used in manufacturing other products made in this establishment  <b>(E)</b>
			<b>(C)</b>			
			591	592		
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 ( <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	