

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

Census File Number

Item 16. CONSUMPTION OF SELECTED MATERIALS DURING 2002

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 22. 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 \$30,000 of a listed material, include the value with "Cost of all other materials . . . ,"

Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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 15, line 5, 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 15, line 2, not in item 16 below. The value of these products shipped by this establishment should be reported in item 22 under "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 26. Note that the materials used to produce these items should be reported in item 16.

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	Fluid power products, including pumps, motors, valves, cylinders, rotary actuators, hose or tube fittings and assemblies, filters, etc. (hydraulic and pneumatic)		\$		
2	Fabricated metal products (except forgings)				
3	Forgings				
4	CASTINGS (Rough and semi-finished)	Iron and steel			
5		Aluminium and aluminium-base alloy			
6		Other nonferrous castings			
7	Shapes and Forms (Except castings, forgings, and fabricated metal products)	STEEL	Bars, bar shapes, and plates		
8			Sheet and strip		
9			Structural shapes and sheet piling		
10			Wire and wire products		
11			All other steel shapes and forms		
12		Aluminium and aluminium-base alloy			
13		All other nonferrous shapes and forms			
14	Integral horsepower electric motors and generators (1 hp or more)				
15	BEARINGS (Mounted or unmounted)	Ball			
16		Roller			
17	Speed reducers, gears, drives, and other mechanical power transmission equipment (except bearings)				
18	Fabricated plastics products (except gaskets)				

FOR COMMENT

CONTINUE WITH ITEM 16 ON PAGE 6

Item 16. CONSUMPTION OF SELECTED MATERIALS DURING 2002 - Continued

Line No.	Materials, parts, and supplies (A)	Census material code 571 (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
19	Electrical transmission, distribution, and control equipment (including coils, switches, relays, regulators, motor controls, etc.)		\$		
20	Cost of all other materials and components, parts, containers, and supplies consumed <i>Describe the principal materials, etc., included in this value.</i>				
21	TOTAL Sum of lines 1-20 should equal item 15, line 1		\$		

FOR COMMENT

Item 18- Not applicable to this report

Item 22. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 2002

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 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.
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.
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"
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 "Resales."

Line No.	Products and services (A)		Census product code 581 (B)	Products shipped and other receipts		
				Value, f.o.b. plant (E)		
				584 Millions	Thou- sands	Dollars
1	Textile Machinery (Except parts, attachments, and accessories)	FIBER-TO-FABRICS TEXTILE MACHINERY	Cleaning and opening machinery (including picker, garnetting, and other)	\$		
2			Carding machines and combing machines			
3		Yarn preparing machines	Winding machines (skein, spool, bobbin, quill, cone, etc.)			
4			Other yarn preparing machines (beaming, warping, warp tying, warp drawing in, slashing, etc.) - <i>Specify kind</i>			
4	(Continued on next page)	(Continued on next page)				

FOR COMMENT

CONTINUE WITH ITEM 22 ON PAGE 7

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Census File Number

Item 22. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 2002 – Continued

Line No.	Products and services (A)		Census product code 581 (B)	Products shipped and other receipts			
				Value, f.o.b. plant (E)			
				584 Millions	Thou- sands	Dollars	
5	Textile Machinery (Except parts, attachments, and accessories) – Continued	FIBER-TO-FABRICS TEXTILE MACHINERY – Continued	Machines for extruding, drawing, texturing, or cutting manmade textile materials				
6			Other fiber-to-fabrics machinery (including machines for drawing, roving, and twisting frames)				
7		FABRICS MACHINERY	Weaving machinery, power-driven (including machinery for broad and narrow fabrics) (shuttle and shuttleless)				
8			Knitting machinery				
9			Hand looms machinery				
10			Other fabrics machinery (including lace, embroidery, braiding, and tufting machinery)				
11			Mercerizing machinery				
12			Bleaching and dyeing machinery				
13			Printing machinery				
14			FINISHING MACHINERY	Calendering or rolling machines			
15				Other finishing machinery			
16			Machinery for drying stocks, yarns, cloth, carpet, nonwoven, etc.				
17		Machinery for the manufacture of finishing of felt or nonwovens in the piece or in shapes					
18		Textile rope or cable-making machinery					
19		Other textile industries machinery, n.e.c., except parts, attachments, and accessories					
20		Parts and Attachments for Textile Machinery	TEXTILE AND MACHINERY TURNINGS AND SHAPES	Shuttles			
21				Other textile machinery turnings and shapes of plastics			
22				Other textile machinery turnings and shapes except of plastics			
23		PARTS AND ATTACHMENTS	Fiber-to-fabrics machinery	Card clothing			
24	Dobbies and jacquards; card reducing, copying, punching, or assembling machines						
25	Extruding, drawing, texturing, or cutting, manmade fibers, or for their auxiliary machines						
26	Preparing textile fibers or of their auxiliary machines						
27	Spindles, spindle flyers, spinning rings, and ring travelers						
28	Other fiber-to-fabrics machinery or of their auxiliary machinery						
29	Weaving machinery			Reeds for looms, healds, and heald-frames			
30			Other parts of weaving machines or of their auxiliary machinery (including broad and narrow fabrics)				
31	Knitting machinery		Sinkers and other articles used forming stitches (exclude needles)				
32			Other parts for knitting machinery				
33	Finishing machinery		Calendering or rolling machines (including cylinder)				
34			Other parts for finishing machines, n.e.c.				
35	Other textile machinery, n.e.c. (including printing)						

FOR COMMENT

FOR COMMENT

Item 22. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 2002 – 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
36 37 38 39 40	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	\$		
			26			
			34			
			42			
			59			
41	CONTRACT WORK	Receipts for work done for others on their own materials <i>Describe below products worked on and kind of work.</i>				
42	MISCELLANEOUS RECEIPTS	Receipts for repair work				
43		Receipts for installation (or construction) of products of this establishment				
44		Other miscellaneous receipts				
45	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 15, line 2.				
46	TOTAL value of shipments and other receipts Sum of lines 1–45, column (E)			\$		

FOR COMMENT

FOR COMMENT

Item 26 – Not applicable to this report

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