

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

INFORMATION COPY  
DO NOT USE TO REPORT

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>	Glass sand, all types	144611 1	\$		
<b>2</b>	CHEMICALS AND ALLIED PRODUCTS Sodium carbonate (soda ash)	281228 7			
<b>3</b>		281901 9			
<b>4</b>		280091 0			
<b>5</b>	GLASS PRODUCTS Float, sheet, and plate	321105 9			
<b>6</b>		322902 8			
<b>7</b>	Minerals and earth, ground or treated	329509 4			
<b>8</b>	Cullet (glass scrap)	190028 1			
<b>9</b>	Plastics film and sheet, unsupported	308100 7			
<b>10</b>	Paperboard containers, boxes, and corrugated paperboard	265001 8			
<b>11</b>	Boxes, pallets, skids, and containers	244021 2			
<b>12</b>	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			
<b>13</b>	<b>TOTAL</b> Sum of lines 1–12 should equal item 10, line a		\$		

**CONTINUE WITH ITEM 18A ON PAGE 6**

Item 18A. METHOD OF OPERATION OF THIS ESTABLISHMENT DURING 1997		Key	Mark (X) appropriate boxes
Mark (X) the ONE which best describes your method of operation			
1.	Manufacturing flat glass from glass sand, cullet, etc. (primary producer) . . . . .	401	4713 <input type="checkbox"/>
2.	Manufacturing glass containers from glass sand, cullet, etc. (primary producer) . . . . .	402	4721 <input type="checkbox"/>
3.	Manufacturing pressed, blown, or shaped glassware or other glass products from glass sand, cullet, etc. (primary producer) . . . . .	403	4739 <input type="checkbox"/>
4.	Manufacturing or fabricating glass products from purchased glass or glass transferred from other establishments of your company (secondary producer). . . . .	404	4747 <input type="checkbox"/>
5.	Other (such as manufacturing doors, windows, skylights, furniture, etc.) – Specify	405	4754 <input type="checkbox"/>

**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.

**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		Census product code	Products shipped and other receipts			
				Value, f.o.b. plant (E)			
	581	(B)	584	Thou- sands	Dollars		
<b>1</b>	<b>Glass and Glass Products Made by Flat Glass Producers</b>  (Report glass products made by establishments not producing flat glass on lines 8-27 below.)	Flat glass (float, sheet, and plate) (corresponds to the annual sum of the value of shipments figures reported in column 4 for survey item code 1500 on CIR Quarterly Survey Form MQ32A, Flat Glass, for 1997)*	32115 00 8	\$			
<b>2</b>		Laminated glass	32113 00 3				
<b>3</b>		<b>OTHER GLASS PRODUCTS (32114)</b>	Rolled and wire glass	32114 11 8			
<b>4</b>			Tempered glass for construction, architectural, and automotive purposes	32114 24 1			
<b>5</b>			Tempered glass for other uses, such as for appliances	32114 29 0			
<b>6</b>			Multiple-glazed, sealed insulating units	32114 31 6			
<b>7</b>			Other glass products (including such items as bent, enameled, stained, leaded, faceted, and colored glass slabs)	32114 39 9			
<b>8</b>	<b>PRESSED AND BLOWN GLASSWARE MADE BY ESTABLISHMENTS PRODUCING GLASS</b>  (Report glass products made by establishments not producing glass on lines 14-27 below.)	Machine-made table, kitchen, art, and novelty glassware ( <b>32295</b> ) (corresponds to the value of shipments figure for survey item code 1200, column 4, on CIR Annual Survey Form MA32E, Consumer, Scientific, Technical, and Industrial Glassware, for 1997)*	32295 00 8				
<b>9</b>		Machine-made lighting, automotive, and electronic glassware ( <b>32296</b> ) (corresponds to the value of shipments figure for survey item code 1300, column 1, on CIR Annual Survey Form MA32E, Consumer, Scientific, Technical, and Industrial Glassware, for 1997)*	32296 00 6				
<b>10</b>		All other machine-made glassware (including technical and scientific glassware, glass blocks, and lens blanks) ( <b>32297</b> ) (corresponds to the value of shipments figure for survey item code 1500, column 1, on CIR Annual Survey Form MA32E, Consumer, Scientific, Technical, and Industrial Glassware, for 1997)*	32297 00 4				
<b>11</b>		Handmade pressed and blown glassware ( <b>32298</b> ) (corresponds to the value of shipments figure reported in column 6 for survey item code 1200 and column 1 for survey item codes 1300 and 1500 on CIR Annual Survey Form MA32E, Consumer, Scientific, Technical, and Industrial Glassware, for 1997)*	32298 00 2				

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

**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)	Products shipped and other receipts Value, f.o.b. plant (E)		
				584		
				Millions	Thousands	Dollars
12	GLASS FIBER, TEXTILE-TYPE (32293)	Mat	32293 25 0	\$		
13		Other textile-type fiber (including yarn, strand, staple yarn, sliver, roving, chopped strand, and milled fiber)	32293 29 2			
14	Glass Products Made in Establishments Not Producing Glass  (Report glass and glass products made in establishments producing glass on lines 1-13 above)	Laminated glass	32319 00 6			
15		MIRRORS (Decorated or undecorated) (32315)	Framed mirrors	3231A 21 9		
16			Unframed mirrors	3231A 41 7		
17			Automotive mirrors (report mirror assemblies on lines 33-37)	3231A 71 4		
18			Machine-made pressed and blown table, kitchen, art, and novelty glassware (32314)(corresponds to the value of shipments figure for survey item code 1200, column 4, on CIR Annual Form MA32E, Consumer, Scientific, Technical, and Industrial Glassware, for 1997)*	32314 00 7		
19			All other machine-made pressed and blown glassware (32316)(including lighting, automotive, electronic, scientific, laboratory, industrial, and technical glassware)(corresponds to the sum of the value of shipments figures for survey item codes 1300 and 1500, column 1, on CIR Annual Form MA32E, Consumer, Scientific, Technical, and Industrial Glassware, for 1997)*	32316 00 2		
20			Handmade pressed and blown glassware (32312) (corresponds to the sum of shipments figures for survey item code 1200, column 6; 1300, column 1; and 1500, column 1, on CIR Annual Form MA32E, Consumer, Scientific, Technical, and Industrial Glassware, for 1997)*	32317 00 0		
21		OTHER GLASS PRODUCTS (3231B)	Stained, leaded, and faceted glass and colored glass slabs	3231B 21 7		
22	Multiple-glazed, sealed insulating glass units (Report doors, windows, skylights, etc., on lines 28-37)		3231B 71 2			
23	Tempered glass for construction, architectural, and automotive purposes		3231B 84 5			
24	Tempered glass for other uses, such as for appliances		3231B 89 4			
25	Optical glass fiber, data and nondata transmission (corresponds to the sum of the value of shipments figures for survey item codes 9101 and 9102, column 2, on CIR Annual Survey Form MA33L, Insulated Wire and Cable, for 1997)*		3231B 92 8			
26	Glass and glass fiber optical components		3231B 95 1			
27		Other glass products not listed above	3231B 99 3			
28	DOORS AND WINDOWS	Vinyl doors, windows and frames, partitions, moldings, and decorative trim	30898 03 5			
29		Metal shower doors and tub enclosures	34421 45 3			
30		Metal doors and frames, except storm doors	34421 00 8			
31		Metal window sash and frames, except storm sash	34422 00 6			
32		Metal combination screen, storm sash, and storm doors	34424 00 2			
33	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			
34			26			
35			34			
36			42			
37			59			

**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>38</b>	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	\$		
<b>39</b>	MISCELLANEOUS RECEIPTS	Sales of scrap and refuse (including cullet)	99980 13 8			
<b>40</b>		Other miscellaneous receipts (including receipts for repair work, etc.)	99980 98 9			
<b>41</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>42</b>	<b>TOTAL value of shipments and other receipts</b> Sum of lines 1–41, 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	