

16 DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES

General - The materials, parts, and supplies listed below are those commonly consumed in the manufacture, processing, or assembly of the products listed in **2**. 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 that are not listed, describe and report them in the "Cost of all other materials . . ." 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 009700 99 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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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.

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 amount 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.

Contract Work - Include all 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 **15**, line A5, 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.

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 **15**, line A2, not in **16**. The value of these products shipped by this establishment should be reported in **2** under Census product code 000999 8900 6, "Resales."

Produced and Consumed - Industrial Chemicals - Report the quantities produced and used in manufacturing other products made in this establishment in **16**. Note that the materials used to produce these items should be reported in **2**.

INFORMATION COPY
DO NOT USE TO REPORT

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)		
					\$ Bil.	Mil.	Thou.
0634		0630	0636	0632	0631		
	Acids (excluding spent acids)		↑ short tons ↓				
1	Hydrochloric acid (100 percent HCl)	325188 07 6					
2	Nitric acid (100 percent HNO ₃)	325311 01 7					
3	Sulfuric acid (100 percent H ₂ SO ₄)	325188 05 0					
4	Ammonia, synthetic anhydrous (100 percent NH ₃)	325311 03 3					
5	Sodium hydroxide (100 percent NaOH) (caustic soda)	325181 07 1					
6	All other industrial inorganic chemicals	325000 71 9					
7	Alcohol, ethyl (pure and denatured)	325193 00 1					
8	Other alcohols, including amyl, butyl, methyl, and propyl	325100 67 5					
9	Toluene and xylene (100 percent basis)	325192 13 6	↑ 1000 lb ↓				
10	Other cyclic crudes and intermediates	325192 33 4					
11	Other synthetic organic chemicals, nec	325100 A5 4					

CONTINUE WITH **16** ON PAGE 9

32504086

If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

16 DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES - Continued

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)			
					\$ Bil.	Mil.	Thou.	
0634		0630	0636	0632	0631			
12	Hydrocarbons used as raw materials or feedstocks <i>(Do not include fuel or energy reported in 15, line A3.)</i>		mil ft ³					
	Natural gas	211110 13 5						
13	Other	001900 12 5						
14	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc.	325211 05 0						
15	Agricultural products (crude), including flowers, grains, seeds, herbs, etc.	111000 33 7						
16	Parts and attachments for machinery and equipment	333000 15 6						
17	Containers Paperboard containers, boxes, and corrugated paperboard	322210 01 4						
18	Metal containers	332400 00 1						
19	Cost of all other materials and components, parts, containers, and supplies consumed <i>(Specify the principal materials, etc., included in this value.)</i> ↘	009700 99 8						
20	TOTAL <i>(Should equal total reported in 15, line A1)</i>	771000 00 7						

17-21 Not Applicable.



32504094

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

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 **2**. 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.

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.

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 code 000930 0000 8.

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 code 000999 8900 6, "Resales."

Line No.	Products and services	Census product code	Unit of measure for quantities	Products shipped and other receipts, including interplant transfers				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
1	Synthetic organic dyes	325132 1100 6						
2	Synthetic organic pigments, lakes, and toners . . .	325132 4100 3						
3	Chrome colors	325131 7110 1						
	All other basic inorganic chemicals							
4	Carbon bisulfide (disulfide)	325188 G130 9						
5	Recovered elemental sulfur from natural gas . .	325188 G110 1						
	Other inorganic chemicals, nec (Specify kind.) ↘							
6		325188 G120 0						
7	Cyclic (coal tar) intermediates	325192 1100 0						
	All other basic organic chemicals							
8	Reagent and high-purity grades of organic chemicals refined from purchased technical grades	325199 A100 5						
9	Synthetic organic rubber-processing chemicals	325199 K100 5						
10	Other synthetic organic chemicals, nec	325199 R100 8						
	Miscellaneous end-use chemicals and chemical products (excluding urea), and other industrial organic chemicals, nec							
11		325199 T100 6						
	Thermoplastic resins and plastics materials							
12	Polyethylene	325211 1110 7	1000 lb					
13	Polypropylene	325211 1120 6						
14	Polystyrene	325211 1130 5						

CONTINUE WITH **22** ON PAGE 11

CONTINUE ON PAGE 11

32504102

If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

Line No.	Products and services	Census product code	Unit of measure for quantities	Products shipped and other receipts, including interplant transfers				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
	Thermoplastic resins and plastics materials - Continued							
15	Polyvinyl chloride	325211 1140 4	1000 lb					
16	Polyester	325211 1150 3						
17	Other	325211 1160 2						
18	Other natural base glues and adhesives made from natural gums, shellac, silicates, lacquers, and oleoresinous varnishes	325520 1161 4						
19	Surfactants (bulk surface active agents)	325613 0241 8						
20	All other products made in this establishment - Specify and report each product with sales value of \$50,000 or more that cannot be assigned to one of the "listed products and services". For all remaining products, write "Other" and report a single total value.	18						
21		26						
22		34						
23		42						
24		59						
25		67						
26	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴	000930 0000 8						
27	Miscellaneous receipts (including receipts for repair work, scrap, refuse, etc.)	000999 8000 5						
28	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (The cost of such items should be reported in 15, line A2.)	000999 8900 6						
29	TOTAL (Should equal 4, line A)	770000 0000 8						

23-27 Not Applicable.

32504110

28 ESTABLISHMENT ACTIVITIES

A. Indicate activities that were performed by this establishment or were performed for this establishment by another company during 2002.
(Mark "X" ALL that apply.)

This activity was performed -			
By this establishment	By another establishment of this company	By another company	Not at all
0921 <input type="checkbox"/>	8071 <input type="checkbox"/>	0941 <input type="checkbox"/>	0961 <input type="checkbox"/>
0923 <input type="checkbox"/>	8072 <input type="checkbox"/>	0943 <input type="checkbox"/>	0963 <input type="checkbox"/>
0924 <input type="checkbox"/>	8073 <input type="checkbox"/>	0944 <input type="checkbox"/>	0964 <input type="checkbox"/>
0925 <input type="checkbox"/>	8074 <input type="checkbox"/>	0945 <input type="checkbox"/>	0965 <input type="checkbox"/>
0926 <input type="checkbox"/>	8075 <input type="checkbox"/>	0946 <input type="checkbox"/>	0966 <input type="checkbox"/>
0927 <input type="checkbox"/>	8076 <input type="checkbox"/>	0947 <input type="checkbox"/>	0967 <input type="checkbox"/>
0928 <input type="checkbox"/>	8077 <input type="checkbox"/>	0948 <input type="checkbox"/>	0968 <input type="checkbox"/>
0932 <input type="checkbox"/>	8078 <input type="checkbox"/>	0952 <input type="checkbox"/>	0972 <input type="checkbox"/>

B. During 2002 did this establishment:

- 1. Manage inventory owned by this establishment AND held at this location? 0936 Yes 0937 No
- 2. Manage inventory owned by this establishment BUT held at a customer's location?. 0956 Yes 0957 No
- 3. Manage inventory owned by another company BUT held at this location? 0976 Yes 0977 No
- 4. Manage inventory owned by another company AND held somewhere other than at this location?. 0994 Yes 0995 No
- 5. Contract with another firm for any of your production using materials owned by this location? 8041 Yes 8042 No
- 6. Send any partially completed products to a foreign facility for processing that were then returned to this establishment for completion? 8044 Yes 8045 No
- 7. Manufacture products for a government to their specifications? 8047 Yes 8048 No
- 8. Manufacture products for another business to their specifications? 8016 Yes 8017 No
- 9. Manufacture products for a final retail customer to their specifications? 8060 Yes 8062 No



32504128

If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

29 OPERATIONAL STATUS

Activity that best describes this establishment's status at the end of 2002
(Mark "X" only ONE box.)

- 0011 In operation
- 0012 Under construction, development, or exploration
- 0013 Temporarily or seasonally inactive
- 0014 Ceased operation - Give date at right →
- 0015 Sold or leased to another operator - Give date at right AND enter new name and mailing address below ↴

0018	Month	Day	Year

0060 Name of new owner or operator		0061 Employer Identification Number		
		Enter EIN of new owner (9 digits) →		
0062 Mailing address (number and street, P.O. Box, etc.)				
0063 City, town, village, etc.		0064 State	0065 ZIP Code	

Remarks (Please use this space for any explanations that may be essential in understanding your reported data.)

30 CERTIFICATION - This report is substantially accurate and was prepared in accordance with the instructions.

Is the time period covered by this report a calendar year?

0078 Yes 0079 No - Enter time period covered →

FROM 0070	Month	Year	TO 0071	Month	Year

0072 Name of person to contact regarding this report		0073 Title			

Telephone 0074	Area code	Number		Extension	Fax 0075	Area code	Number	
		-					-	

0076 Internet e-mail address			Date completed 0069	Month	Day	Year

Thank you for completing your 2002 Economic Census form.
PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.

32504136