

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

INFORMATION COPY
 DO NOT USE TO REPORT

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)		
			\$ Bil.	Mil.	Thou.
0634		0630	0631		
1	Salt in brine	001900 31 5			
2	Crude nonmetallic minerals, including limestone, clay, gypsum, talc, etc. . .	212300 09 9			
3	Fats, oils, greases, and tallow (animal, including lanolin; marine; vegetable, including carnuba and other vegetable waxes)	311000 27 7			
4	Alkalies and chlorine	325181 01 4			
5	Industrial inorganic chemicals (acids, sodium compounds, anhydrous ammonia, etc.; excluding medicinals)	325000 A7 2			
6	Wood rosin, turpentine, and other wood chemicals, including tall oil	325191 01 3			
7	Synthetic organic chemicals, nec	325100 99 8			
8	Refined petroleum products, including naphtha solvents, petrolatum, waxes, etc.	324100 01 5			
9	Plastics and resin materials (synthetic)	325211 03 5			

CONTINUE WITH **16** ON PAGE 9

32534083

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	Consumption of purchased materials and of materials received from other establishments of your company		
			Cost, including delivery cost (freight-in)		
			\$ Bil.	Mil.	Thou.
0634		0630	0631		
10	Other parts, materials, and accessories				
	Parts and attachments for machinery and equipment	333000 15 6			
11	Paperboard boxes and containers and corrugated paperboard	322210 01 4			
12	Plastics containers	326100 29 4			
13	Metal containers	332400 00 1			
14	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↴	009700 99 8			
15	TOTAL (Should equal total reported in 16 , line A1)	771000 00 7			

17-21 Not Applicable.

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."

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 form, the sum of the detailed products should equal the total reported on this form. For corresponding survey item codes, see paragraph 4, "Comparability," of CIR Instruction Manual.

NOTE: Only totals are requested; do not duplicate detail reported on the CIR.

CONTINUE WITH **23** ON PAGE 10

32534091

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued							
Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Unit of measure for quantities	Products shipped and other receipts			
				Quantity	Value, f.o.b. plant		
					\$ Bil.	Mil.	Thou.
0734		0730	0736	0732	0731		
1	Evaporated salt Table salt	311942 1111 1	↑ short tons				
2	Evaporated salt (bulk, pressed blocks, and packaged), except table salt	325998 1100 0	↓				
3	Fatty acids (produced for sale as such, from own or purchased materials) Saturated acids Stearic acid (40 to 50 percent stearic content)	325199 1111 2	↑ 1000 lb				
4	Hydrogenated animal and vegetable acids	325199 1121 1	↓				
5	Other saturated acids, including hydrogenated fish and marine mammal fatty acids (Specify kind.) ↘ 	325199 1131 0					
6	Unsaturated acids Oleic acid, including white oleic acid and red oil	325199 1141 9	↑				
7	Other unsaturated fatty acids, including animal fatty acids other than oleic (I.V. 36-80), vegetable or marine (I.V. max. 115), and other unsaturated fatty acids (I.V. 116 or more)	325199 1151 8	↑ 1000 lb				
8	Tall oil fatty acids Containing less than 2 percent rosin acids and more than 95 percent fatty acids	325199 1161 7					
9	Containing 2 percent or more rosin acids	325199 1171 6	↓				
10	Other industrial organic chemicals (Specify kind.) ↘ 	325199 EYVW 5					
11	Matches	325998 4100 7					
12	Gelatin, except ready-to-eat desserts Food grade, excluding pharmaceutical and photographic	325998 7111 1	↑ 1000 lb				
13	Pharmaceutical grade, except unfilled capsules	325998 7121 0	↓				
14	Other gelatin products, including unfilled capsules, gelatin sheets for theatrical use, and photographic grade and technical (inedible) grade gelatin (Specify kind.) ↘ 	325998 7131 9					

CONTINUE WITH 22 ON PAGE 11

32534109

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 *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Unit of measure for quantities	Products shipped and other receipts				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
15	Chemical preparations, nec, including essential oils, automotive chemicals, and water-treating compounds		1000 lb					
	Essential oils, unblended (natural)							
	Citrus fruit essential oils, including orange, lemon, and lime	325998 H101 1						
16	Other essential oils, including spearmint, peppermint, cedar wood, clove, and nutmeg oils	325998 H103 7						
17	Fireworks	325998 H106 0						
18	Pyrotechnics, including flares, jet fuel igniters, railroad torpedoes, toy pistol caps, etc.	325998 H107 8						
19	Rubber processing preparations, including red lead and 2-mercaptoimidazoline rubber accelerator composition	325998 H109 4	1000 lb					
20	Automotive chemicals		1000 gal					
	Antifreeze preparations	325998 E111 3						
21	Radiator additives	325998 E121 2						
22	Crankcase additives (excluding motor oils)	325998 E131 1						
23	Brake, transmission, and other automotive fluids	325998 E141 0						
24	Engine degreasers	325998 E151 9						
25	Carburetor and choke cleaners	325998 E161 8						
26	Deicers, windshield, lock, etc.	325998 E171 7						
27	Engine starting fluids	325998 E181 6						
28	Aerosol tire inflators	325998 E191 5						
29	Other automotive chemicals, nec	325998 E1A1 3						
30	Concrete curing and floor hardening materials	325998 H111 0						
31	Drilling mud materials; mud thinners, thickeners, and purifiers	325998 H121 9	1000 lb					
32	Chemical foundry supplies, chemical, including binders, core oils, core wash, etc.	325998 H131 8						
33	Household tints and dyes	325998 H141 7	1000 lb					
34	Metal-treating compounds (nonoilbase) for nitriding, pickling, drawing, and cutting	325998 H151 6						
35	Oil-treating compounds (nonoilbase)	325998 H161 5						

CONTINUE WITH 22 ON PAGE 12

CONTINUE ON PAGE 12

32534117

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued							
Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Unit of measure for quantities	Products shipped and other receipts			
				Quantity	Value, f.o.b. plant		
					\$ Bil.	Mil.	Thou.
0734		0730	0736	0732	0731		
	Chemical preparations, nec, including essential oils, automotive chemicals, and water-treating compounds - Continued		↑ 1000 lb ↓				
36	Sizes (textile, paper, and other)	325998 H171 4					
37	Writing and stamp pad inks, including indelible ink and marking fluid, excluding drawing inks	325998 H181 3					
	Water-treating compounds						
38	Swimming pool chemical preparations	325998 A111 7					
39	Cooling tower compounds	325998 A121 6	↑				
40	Boiler compounds	325998 A131 5	↓				
41	Other water-treating compounds	325998 A141 4					
42	Activated and reactivated carbon, pulverized and granular (Corresponds to value of shipments reported on CIR Form MQ325A, Inorganic Chemicals, for 2002, item codes 3989 - 3990)*	325998 H1G1 4					
43	Waterproofing compounds (textile, paper, electrical, leather, masonry, etc.)	325998 H191 2					
44	Plating compounds	325998 H1A1 0	1000 lb				
45	Lighter fluids (cigarette, charcoal, etc.)	325998 H1B1 9	1000 gal				
46	Waxes (animal, vegetable, mineral, including blends), except petroleum waxes and polishing preparations	325998 H1C1 8					
47	Distilled water	325998 H1D1 7	1000 gal				
48	Filling pressurized aerosol containers with materials owned by others (excluding interplant transfers)	325998 H1H1 3					
49	Plastic wood preparations	325998 H1J1 1					
	Other industrial chemical specialties, including fluxes, insulation products (heat, electrical, other), and embalming preparations (<i>Specify kind.</i>) ↘						
50		325998 H1U1 0					
51	Vitrifiable enamels and glass frit (Corresponds to value of shipments reported on CIR Form 325F, Paint and Allied Products, for 2002, item codes 5523 - 5598)*	325510 A100 3					
	Soap and other detergents (<i>Specify kind.</i>) ↘						
52		325611 WYWW 9					

CONTINUE WITH 22 ON PAGE 13

CONTINUE ON PAGE 13

32534125

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 *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Unit of measure for quantities	Products shipped and other receipts				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
53	Cat litter, except natural and untreated materials	325612 44H1 8						
54	Specialty cleaning and sanitation products (Specify kind.) ↴	325612 4YWV 8						
55	Automobile body polish and cleaners Household	325612 7111 8						
56	Industrial and institutional	325612 7121 7						
57	All other inorganic chemicals, nec Carbon bisulfide (disulfide)	325188 G130 9						
58	All other basic inorganic chemicals All other inorganic chemicals, nec Other inorganic chemicals, nec (Specify kind.) ↴	325188 G120 0						
59	Lubricating oils and greases (not made in a refinery) Lubricating and similar oils, including hydraulic fluids, quenching and cutting oils, transformer oils, and liquid rust preventives	324191 0111 1	1000 bbl					
60	Lubricating greases	324191 0121 0						
61	Adhesives and sealants (Specify kind.) ↴	325520 WYWW 2						
62	Printing ink (Specify kind.) ↴	325910 WYWW 5						

CONTINUE WITH 22 ON PAGE 14

32534133

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued							
Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Unit of measure for quantities	Products shipped and other receipts			
				Quantity	Value, f.o.b. plant		
					\$ Bil.	Mil.	Thou.
0734		0730	0736	0732	0731		
	All other products made in this establishment - Specify and report each product with a sales value of \$50,000 or more that cannot be assigned to one of the "listed products and services". Specify unit of measure for quantity. For all remaining products, write "Other" and report a single total value.						
63		18					
64		26					
65		34					
66		42					
67		59					
68		67					
	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴						
69		000930 0000 8					
70	Miscellaneous receipts (including receipts for repair work, scrap, refuse, etc.)	000999 8000 5					
71	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					
72	TOTAL (Should equal 4, line A)	770000 0000 8					

23-27 Not Applicable.



32534141

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

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.)

Table with 4 columns: By this establishment, By another establishment of this company, By another company, Not at all. Rows include activities like Product design/engineering, Order fulfillment, Bundling or kitting, etc.

B. During 2002 did this establishment:

- 1. Manage inventory owned by this establishment AND held at this location?
2. Manage inventory owned by this establishment BUT held at a customer's location?
3. Manage inventory owned by another company BUT held at this location?
4. Manage inventory owned by another company AND held somewhere other than at this location?
5. Contract with another firm for any of your production using materials owned by this location?
6. Send any partially completed products to a foreign facility for processing that were then returned to this establishment for completion?
7. Manufacture products for a government to their specifications?
8. Manufacture products for another business to their specifications?
9. Manufacture products for a final retail customer to their specifications?



32534158

29 OPERATIONAL STATUS

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

0011 <input type="checkbox"/> In operation	0013 <input type="checkbox"/> Temporarily or seasonally inactive							
0012 <input type="checkbox"/> Under construction, development, or exploration	0014 <input type="checkbox"/> Ceased operation - Give date at right →	0018 <table border="1"> <tr> <th>Month</th> <th>Day</th> <th>Year</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Month	Day	Year			
Month	Day	Year						
	0015 <input type="checkbox"/> Sold or leased to another operator - Give date at right AND enter new name and mailing address below ↴	→						

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 <input type="checkbox"/> Yes	0079 <input type="checkbox"/> 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		
			-			-		
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.

32534166