

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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	Natural rubber				
	Latex (dry solids content)	113210 05 8			
2	Dry	113210 03 3			
3	Plastics materials and synthetic resins, synthetic rubber, cellulosic, and other manmade fibers, excluding glass				
	Vinyl and vinyl copolymer resins, all forms	325211 39 9			
4	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. (except vinyl) (excluding sheets, rods, tubes, and shapes) . .	325211 15 9			
5	Polyurethane elastomers and plastics (excluding thermoplastics)	325211 11 8			
6	SBR-type (styrene-butadiene copolymers, including solution polymerized types with styrene content of 50 percent or less, polybutadienes, emulsion polymerized types, and butadiene-vinylpyridine copolymers) .	325212 03 3			
7	Polychloroprene type	325212 09 0			
8	Nitrile type (butadiene-acrylonitrile)	325212 11 6			

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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		
9	Plastics materials and synthetic resins, synthetic rubber, cellulosic, and other manmade fibers, excluding glass - Continued				
	Ethylene-propylene type	325212 13 2			
10	Thermoplastics polyurethane elastomers	325212 07 4			
11	Other plastics materials and synthetic resins, synthetic rubber, cellulosic, and other manmade fibers, excluding glass	325200 07 9			
	Fabricated rubber products, nec				
12	Reclaimed rubber (excluding mud and crumb or ground scrap)	326299 01 3			
13	Rubber compounds and mixtures purchased	326299 05 4			
14	All other fabricated rubber products, nec	326000 19 7			
	Industrial organic chemicals, nec				
15	Rubber processing chemicals (accelerators, antioxidants, blowing agents, inhibitors, peptizers, etc.)	325100 55 0			
16	Plasticizers	325100 59 2			
17	All other industrial organic chemicals, nec	325100 85 7			
18	Carbon black	325182 00 4			
19	Inorganic pigments	325131 07 6			
20	Plastics products consumed in the form of sheets, rods, tubes, and other shapes	326100 13 8			
21	Fabricated metal products, excluding forgings	332000 81 9			
	Shapes and forms (excluding castings, forgings, and fabricated metal products)				
	Steel				
22	Wire	331200 11 3			
23	All other steel shapes and forms	331200 03 0			
	Fabrics				
24	Cotton	313200 13 1			
25	Manmade fiber fabrics	313200 15 6			

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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		
26	Paper and paperboard containers	322200 17 1			
27	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↗	009700 99 8			
28	TOTAL (Should equal total reported in 15, 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 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.

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."

Definitions - The term "rubber" includes products made from natural, synthetic, or reclaimed rubbers. The term "plastics" is defined to include synthetic resinous materials which are not described as "elastomers," a material which, when vulcanized, will stretch repeatedly to 150 percent or more and will return rapidly and with force to its approximate original state. Synthetic elastomers include synthetic rubber.

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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	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
	0734	0730	0731		
	Molded rubber mechanical goods (excluding all latex foam, chemically blown products, and polyurethane products)				
1	Automotive	326291 1100 9			
2	Transportation (except automotive) and off-highway machinery and equipment	326291 2100 8			
3	Other molded rubber mechanical goods	326291 3100 7			
	Extruded rubber mechanical goods (excluding all latex foam, chemically blown products, and polyurethane products)				
4	Automotive, except tubing	326291 4100 6			
5	Other extruded rubber mechanical goods	326291 5100 5			
	Lathe-cut rubber mechanical goods (excluding all latex foam, chemically blown products, and polyurethane products)				
6	Automotive (transportation, including on- and off-the-road; gasoline and diesel equipment)	326291 6100 4			
7	Other lathe-cut rubber mechanical goods	326291 7100 3			
	Sponge, expanded, and foam rubber products				
	Latex foam				
8	Automotive applications	326299 1111 9			
9	Upholstery (sheet and slab stock)	326299 1115 0			
10	Carpet and rug cushions	326299 1121 8			
11	Other latex foam products (including clothing, insulation and padding, hospital padding, and topper pads)	326299 1125 9			
	Chemically blown products				
	Open cell sponge				
12	Carpet and rug cushions	326299 1231 5			
13	Automotive	326299 1235 6			
14	Other	326299 1241 4			
	Closed cell sponge				
15	Automotive	326299 1245 5			
16	Appliances, air-conditioning, and refrigeration	326299 1251 3			
17	Construction	326299 1255 4			
18	Other	326299 1261 2			

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

Line No.	Products and services	Census product code	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
	0734	0730	0731		
19	Rubber floor and wall coverings Mats, matting, and stair treads Rolls	326299 3121 6			
20	Individual mats Automotive	326299 3131 5			
21	All other (including stair treads)	326299 3141 4			
22	Other floor and wall coverings (including cove base, wainscotting, etc.) .	326299 3151 3			
23	Resilient floor coverings Sheet flooring	326192 0110 9			
24	Tile	326192 0120 8			
25	Shoe products, rubber, elastomer resin Heels and soles	326299 4111 6			
26	Soiling slabs and top lift sheets	326299 4121 5			
27	Unit sole (sole and heel combination)	326299 4131 4			
28	Rubber druggist and medical sundries, including household gloves Nipples and pacifiers	326299 5131 3			
29	Gloves, household and surgical (including rubberized)	326299 5151 1			
30	Other (including diaphragms, prophylactics, ice bags, caps, water bottles, fountain syringes, and combinations)	326299 5181 8			
31	Rubber compounds or mixtures for sale or interplant transfer	326299 6100 7			
32	Industrial rubber products, nec Roll coverings Graphics arts, rubber and plastics (printing trade)	326299 7115 4			
33	Paper mill, rubber	326299 7125 3			
34	Industrial, rubber (excluding steel mills and plastics)	326299 7131 1			
35	Other roll coverings (including steel mill and plastics)	326299 7135 2			
36	Pressure sensitive tape, rubber-backed (including friction)	326299 7111 3			
37	Single-ply membrane roofing	326299 7137 8			

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

Line No.	Products and services	Census product code	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
	Industrial rubber products, nec - Continued				
	Sheet rubber, linings, and rubber film				
38	Film and sheet rubber, vulcanized	326299 7141 0			
39	Vulcanizable elastomeric linings	326299 7145 1			
40	Printers' blankets	326299 7151 9			
	Other (including jar rings and fuel cells) (Specify kind.) ↴				
41		326299 7155 0			
	Rubber-coated fabrics and rubber clothing				
	Rubber-coated fabrics				
42	Garment and footwear fabrics	313320 3111 6			
43	Inflatable fabrics	313320 3121 5			
44	Other coated fabrics (including automotive and furniture upholstery, hospital and crib sheeting, and protective covering fabrics)	313320 3131 4			
	Rubber clothing				
45	Industrial rubber gloves	326299 8111 2			
	Rubber clothing (50 percent or more rubber or rubberized fabric)				
46	Men's, junior's, and little boy's rubber or rubberized garments	326299 8122 9			
47	Women's, misses', junior's, girl's, and infant's, rubber or rubberized garments	326299 8123 7			
	Rubber clothing (less than 50 percent rubber or rubberized fabric)				
	Tailored apparel				
48	Men's, juniors', and little boys'	315222 3100 5			
49	Women's, misses', juniors', and girls'	315234 2110 0			
	Nontailored apparel				
50	Heavyweight men's, juniors', and little boys'	315228 2100 3			
51	Lightweight men's, juniors', and little boys'	315228 6151 2			
52	Women's, misses', juniors', and girls'	315239 2130 7			
53	Rubber or rubberized apparel accessories, including aprons, bibs, shower and bathing caps, and dress shields	326299 8124 5			
54	Rubber coated apparel (dipped, sprayed, etc)	326299 8126 0			

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

Line No.	Products and services	Census product code	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
55	Rubber-coated fabrics and rubber clothing - Continued Rubber clothing - Continued Rubber and rubberized protective clothing (except footwear and gloves) (<i>Report sales of "Protective gloves" on line 45 and "Protective footwear" on line 56.</i>)	326299 8125 2			
56	Protective footwear	316211 1300 5			
57	Wet and dry suits (made from rubber, synthetic rubber or a combination of waterproof materials)	326299 8128 6			
	Other rubber goods Hard rubber mechanical goods				
58	Battery jars, boxes, and parts	326299 9111 1			
59	Other	326299 9115 2			
60	Reclaimed rubber (any vulcanizable material (except reclaimed residue or mud derived from processing treatment of natural or synthetic (chemical) vulcanized scrap rubber)) (<i>Report sales of crumb or ground rubber, grindings, or scrap rubber not devulcanized by the pan, digester, or reclamation processes in "Miscellaneous receipts," line 84.</i>)	326299 9121 0			
61	Thread, bare	326299 9125 1			
62	Boats, pontoons, and life rafts	326299 9131 9			
63	Balloons (toy, advertising, meteorological, etc.)	326299 9135 0			
64	Stationers' sundries (including bands, finger cots, and erasers, but excluding pencil plugs)	326299 9141 8			
65	Toys (including balls, except balloons and dolls)	326299 9145 9			
66	Tank blocks, treads, and band tracks	326299 9151 7			
67	Rubber or rubberized life preservers (including jackets, vests, buoys, etc.)	326299 9156 6			
68	Other rubber goods, excluding rubber life preservers	326299 9159 0			
69	Industrial machinery plastics products, except foam (including gears, bushings, cams, and other components, housings, process equipment, tooling plugs, grommets, materials handling trays, etc.)	326199 3100 2			
70	Elastomeric gaskets and gasketing	339991 3111 4			
	Molded packings and seals				
71	Molded O-rings, including spliced O-rings	339991 5111 2			
72	Other molded squeeze-type solid-section ring seals, including D-rings, quad seals, rectangular seals, and T-rings	339991 5221 9			
73	Molded dual-component cushioned ring flexible seals that are backed, constrained, or loaded by an elastomeric ring	339991 5231 8			

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

Line No.	Products and services	Census product code	Products shipped and other receipts			
			Value, f.o.b. plant			
			\$ Bil.	Mil.	Thou.	
	0734	0730	0731			
	Molded packings and seals - Continued					
74	Molded single-component and multiple-component lip-type flexible seals, including collar seals, cup seals, flange seals, single-lip nonsymmetrical seals, U-cups, V-rings, and V-ring sets	339991 5241 7				
75	Molded diaphragm seals	339991 5251 6				
76	Other molded packings and seals, including leather and plastics seals and nonmetallic exclusion devices	339991 5261 5				
77	All other products made in this establishment - <i>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.</i>	18				
78		26				
79		34				
80		42				
81		59				
82		67				
83	Contract work - Receipts for work done for others on their materials (<i>Specify products worked on and kind of work.</i>) ↴	000930 0000 8				
84	Miscellaneous receipts (including receipts for repair work, scrap, refuse, etc.)	000999 8000 5				
85	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				
86	TOTAL (<i>Should equal 4, line A</i>)	770000 0000 8				

23-27 Not Applicable.



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



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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	Month	Year	TO	Month	Year
0070			0071		

0072 Name of person to contact regarding this report		0073 Title			

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

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

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

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