

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

17 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 **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 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.

Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

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 **16**, 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 **16**, line A2, not in **17**. The value of these products shipped by this establishment should be reported in **22** under Census product code 999899 1000, "Resales."

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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		
	Synthetic organic chemicals						
	Cyclic crudes and intermediates						
1	Styrene (100 percent)	325192 07					
2	Phenol (100 percent)	325192 05					
	Other cyclic crudes and intermediates (including melamine, phthalic anhydride, and benzene) (Specify kind) ↴						
3		325192 29					
4	Synthetic organic dyes, pigments, lakes, and toners (100 percent basis) .	325192 17					
	Other synthetic organic chemicals						
5	Acrylates and methacrylates, monomers (100 percent basis) . .	325210 43					
6	Alcohols (excluding ethyl) (100 percent basis)	325100 36					

CONTINUE WITH **17** ON PAGE 12

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17 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			
	Synthetic organic chemicals - Continued							
	Other synthetic organic chemicals - Continued							
			↑ 1000 lb ↓					
7	Formaldehyde (100 percent HCHO)	325100 41						
8	Rubber processing chemicals (accelerators, antioxidants, blowing agents, inhibitors, peptizers, etc.)	325100 55						
9	Vinyl acetate, monomer (100 percent)	325100 47						
10	Vinyl chloride, monomer (100 percent)	325100 49						
11	Other synthetic organic chemicals (including acrylonitrile and cellulose acetate) <i>(Specify kind)</i> ↘	325100 24						
	Hydrocarbons used as raw materials or feedstocks <i>(Report hydrocarbons used for fuel or energy in 16, line A3.)</i>							
	Refined petroleum products							
12	Ethylene	324110 33						
13	Ethane	324110 31						
14	Propane	324110 35						
15	Propylene	324110 37	↑ 1000 lb ↓					

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17 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			
	Hydrocarbons used as raw materials or feedstocks - Continued							
	Refined petroleum products - Continued							
16	Butadiene	324110 45						
	Other refined petroleum products (including butane, isobutane, butylene, isobutylene, petroleum naphtha, and gas oils) (Specify kind) ↴							
17		324110 45						
	Other hydrocarbons (including crude oil, natural gas, and still gas) (Specify kind) ↴							
18		001900 02						
	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. (excluding sheets, rods, tubes, and other shapes)	325211 05						
19								
20	Carbon black	325182 01						
	Inorganic chemicals (Specify kind) ↴							
21		325000 12						
	Other chemicals (including additives, driers, modifiers, biocides, and dispersants) (Specify kind) ↴							
22		325000 61						
	Paper and paperboard containers (including fiber drums, shipping sacks, and other paper packaging supplies, etc.)	322200 17						
23								

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17 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			
24	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↘	009700 99						
25	TOTAL (Should equal total reported in 16, line A1)	771000 00						

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18-21 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 999899 2000.

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 999899 1000, "Resales."

Line No.	Products and services	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	Resins and plastics materials Thermoplastic Polyethylene	325211 1110	↑ 1000 lb ↓					
2	Polypropylene	325211 1120						
3	Polystyrene	325211 1130						

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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				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
	Resins and plastics materials - Continued							
	Thermoplastic - Continued							
4	Polyvinyl chloride	325211 1140	1000 lb					
5	Polyester	325211 1150						
6	Other thermoplastic resins and plastics materials (Specify kind) []	325211 1160						
	Thermosetting							
7	Phenolic	325211 4110	1000 lb					
8	Urea	325211 4120						
9	Polyester	325211 4130						
10	Epoxy	325211 4140						
11	Other thermosetting resins and plastics materials (Specify kind) []	325211 4150						
	Synthetic rubber (vulcanizable elastomers)							
12	Styrene-butadiene rubber (SBR) (excluding latex)	325212 0111						
13	Styrene-butadiene rubber (SBR), latex	325212 0211						
14	Nitrile rubber (including latex)	325212 0311						
15	Butyl, polychloroprene, and stereo polyisoprene elastomers (including latex)	325212 0321						
16	Stereo polybutadiene elastomers (including latex)	325212 0411						
17	Ethylene-propylene elastomers (including latex)	325212 0511						

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CONTINUE ON PAGE 16

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				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
	Synthetic rubber (vulcanizable elastomers) - Continued							
18	Silicone elastomers	325212 0611						
19	Thermoplastics elastomers	325212 0811						
20	Other elastomers (excluding thermoplastic elastomers) (including latex) (Specify kind) ↴ 	325212 0711						
21	Industrial nylon and other polyamide fiber, carpet yarns, staple tow, and waste (including strip) made by filament yarn producers	325222 1125						
22	Synthetic resin and rubber adhesives (including all types of bonding and laminating adhesives) Hot melt adhesives (including polyamide, polyolefin, and other hot melts)	325520 43D1						
23	Epoxy adhesives	325520 4111						
24	Other vinyl polymer type adhesives (Specify kind) ↴ 	325520 4561						
25	Other synthetic resin and rubber adhesives (including cellulose, nitrocellulose, polyamide, anaerobic, etc.) (Specify kind) ↴ 	325520 46H1						
26	Synthetic organic plasticizers	325199 N100						
27	Industrial injection-type, compression-type, and other industrial molds (including matched metal, transfer, plunger, and rotational molds) made of metal for plastics	333511 0571						
28	Custom compounding of purchased resins and color concentrates	325991 0100						

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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				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
29	Plastics, film and sheet, un laminated Vinyl and vinyl copolymer	326113 0341						
30	Acrylics	326113 0451						
31	Other un laminated plastics, film and sheet (Specify kind) ↴ 	326113 0451						
32	Un laminated rods, tubes, profiles, and other shapes (including acrylate, methacrylate, polyamide, polyethylene, polypropylene, polystyrene, vinyl, vinyl copolymer, cellulosic, and styrene copolymer)	326121 0800						
33	Building and construction polystyrene foam products	326140 3100						
34	Plastics bottles	326160 0100						
35	Plastics shipping boxes and cases	326199 4131						
36	Liquefied refinery gases (aliphatics), for use as a chemical raw material, made in petrochemical plants	325110 4111						
37	Cyclic (coal tar) intermediates	325192 1100						
38	Other synthetic organic alcohols, unmixed (Specify kind) ↴ 	325199 G140						
39	Other synthetic organic chemicals (Specify kind) ↴ 	325199 R100						
40	Miscellaneous end use chemicals and chemical products (excluding urea) (Specify kind) ↴ 	325199 T100						

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CONTINUE ON PAGE 18

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				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
41	Miscellaneous cyclic and acyclic chemicals and chemical products (excluding fatty acid esters) (Specify kind) ↴ 	325199 V100						
42	Surfactants (bulk surface active agents)	325613 0241						
43	Paint and coatings Architectural coatings (Specify kind) ↴ 	325510 4YWW						
44	Product finishes for original equipment manufacturers (OEM) (excluding marine coatings) (Specify kind) ↴ 	325510 4YWW						
45	Special-purpose coatings (including all marine coatings, industrial, construction and maintenance coatings, traffic marking paints, etc.) (Specify kind) ↴ 	325510 7YWW						
46	Chemical catalytic preparations (excluding silica gel catalyst)	325188 D100						
47	All other inorganic chemicals (Specify kind) ↴ 	325188 H100						
48	Chemical preparations, other (Specify kind) ↴ 	325998 J1V1						
49	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 pre-listed products and services. For all remaining products, write "Other" and report a single total value.) 	18						

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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				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
50		26						
51		34						
52		42						
53		59						
54		67						
55	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴							
		999899 2000						
56	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (The cost of such items should be reported in 19, line A2.)							
		999899 1000						
57	Miscellaneous receipts (including receipts for repair work, sales of scrap and refuse, etc.)							
		999899 9000						
58	TOTAL (Should equal total reported in 5)	770000 0000						

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23-25 Not Applicable.

32512196



26 SPECIAL INQUIRIES

A. PURCHASE OF CONTRACT MANUFACTURING

1. Did this establishment **purchase** contract manufacturing services from other companies or foreign plants of your company in 2012?

Include:

- Products for which the manufacturing (i.e., transforming or otherwise processing materials or components based on specifications provided by your company) was outsourced to other companies.
- Products for which the manufacturing was performed by your company's foreign plants.

Exclude:

- Services for packaging and assembling.
- Purchases of merchandise for resale (sale of products bought and sold without further processing or transformation).

1011 Yes - Go to line 2

1012 No - Go to **B**

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2. Report the costs incurred by this establishment for contract manufacturing purchases in 2012. 1013

2012		
\$ Bil.	Mil.	Thou.
[] [] []	[] [] [] [] []	[] [] [] []

3. Report the value of sales, shipments, receipts, or revenue generated in 2012 from products whose purchases were reported as contract manufacturing costs in line 2 1015

2012		
\$ Bil.	Mil.	Thou.
[] [] []	[] [] [] [] []	[] [] [] []

B. RECEIPTS FROM CONTRACT MANUFACTURING

1. Did this establishment **provide** contract manufacturing services to others in 2012 (*regardless of materials ownership*)?

Include:

- Products manufactured at this location (i.e., transforming or otherwise processing materials or components based on specifications provided by the contracting company).
- Products manufactured and transferred to other plants of your company.
- Products manufactured and exported.

Exclude:

- Services for packaging and assembling.
- Sales of products purchased and sold without further processing or transformation.

1017 Yes - Go to line 2

1018 No - Go to **30**

2. Report the value of sales, shipments, receipts, or revenue generated in 2012 from contract manufacturing performed at this location for others (**regardless of materials ownership and based on specifications provided by the contracting company**) 1019

2012		
\$ Bil.	Mil.	Thou.
[] [] []	[] [] [] [] []	[] [] [] []

Please describe the product(s) being manufactured for others at this establishment. ↴

1020

27-29 Not Applicable.

32512204



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

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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?

Yes

No - Enter time period covered →

FROM	Month	Year	TO	Month	Year
	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>

Name of person to contact regarding this report

Title

Area code	Number	Extension
<input type="text"/>	<input type="text"/>	<input type="text"/>

Area code	Number
<input type="text"/>	<input type="text"/>

E-mail address

Date completed	Month	Day	Year
	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Thank you for completing your 2012 ECONOMIC CENSUS form.
PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.**

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