

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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		
1	Electrical transmission, distribution, and control equipment	330000 63					
2	Electric motors and generators	335312 01					
3	Industrial robots purchased for fabrication with welding equipment . . .	333999 03					
4	Fluid power products						
	Cylinders and rotary actuators	333995 11					
5	Hose or tube fittings and assemblies (hydraulic and pneumatic)	332912 03					
6	Filters (hydraulic and pneumatic) . . .	333999 01					
7	Pumps, motors, and hydrostatic transmissions (hydraulic and pneumatic)	333996 01					

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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			
8	Other pumps and pump parts (complete assemblies) (excluding fluid power) (Specify kind) <input type="checkbox"/>	333911 01						
9	Metal bolts, nuts, screws, washers, rivets, and other screw machine products	332722 05						
10	Metal pipe, valves, and pipe fittings (excluding forgings)	332114 01						
11	Other fabricated metal products (excluding fluid power products and forgings)	332000 51						
12	Steel bars, bar shapes, and plate (excluding castings, forgings, and fabricated metal products)	331200 07						
13	Steel sheet and strip (excluding tinplate)	331200 18						
14	All other steel shapes and forms (excluding castings, forgings, and fabricated metal products)	331200 33						
15	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products)	331310 16						
16	Iron and steel castings (rough and semifinished)	331510 01						
17	Nonferrous (aluminum, copper, etc.) castings (rough and semifinished)	331520 11						
18	All other nonferrous shapes and forms (excluding castings, forgings, and fabricated metal products)	331000 74	short tons					
19	Filter paper	322120 31						

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

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18-21 Not Applicable.

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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, lines (e).

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Line No.	Product and services	Census product code	Products shipped and other receipts				
			Value, f.o.b. plant				
			\$ Bil.	Mil.	Thou.		
0734		0730	0731				
1	Hydraulic fluid filter assemblies, nonaerospace With or without filter element installed, low pressure (below 301 psi)	333999 3110					
2	With or without filter element installed, medium pressure (301 to 2,999 psi)	333999 3120					
3	With or without filter element installed, high pressure (3,000 psi and above)	333999 3130					
4	Filter replacement elements, nonaerospace Reusable (cleanable-type)	333999 3140					
5	Nonreusable-type	333999 3150					
6	Strainers and separators, filter parts, and accessories	333999 3160					
7	Air supply filter assemblies and filter replacement elements, nonaerospace (excluding those shipped as part of an FR or FRL combo unit) Air exhaust mufflers, diffusers, and filter parts	333999 4130					
8	Coalescing types (including elements sold separately)	333999 4110					
9	Other types (including elements sold separately)	333999 4120					

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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		
10	Filters for hydraulic and pneumatic fluid power systems, aerospace Hydraulic types	333999 6110			
11	Pneumatic types	333999 6120			
12	Filter and strainer assemblies (containment or housing devices) with or without filter element installed and parts (excluding for fluid power systems) For water (excluding parts, accessories, and fluid power)	333999 1104			
13	For fluids other than water (excluding parts, accessories, and fluid power) (Specify kind) ↴	333999 1108			
14	Reusable (cleanable) media for filters and strainers (excluding for fluid power)	333999 1111			
15	Nonreusable media for filters and strainers (including disposable litter cartridges) (excluding for fluid power)	333999 1212			
16	Parts and accessories for filters and strainers, sold separately (excluding for fluid power systems)	333999 1389			
17	Separating equipment, other products for separating solids, liquids, or gasses Gas separating equipment	333999 7218			
18	Steam and vapor separators	333999 7425			
19	Centrifugals (including laboratory centrifuges) and separators (excluding cream, grain, and berry)	333999 7321			
20	Sifting and screening machines	333999 7436			
21	Parts for products used for separating solids, liquids, and gases (excluding parts for filters, strainers, and fluid power products)	333999 7451			
22	All other miscellaneous separatory products for general industrial use (complete units) (including products used for separating solids, liquids, and gases) (Specify kind) ↴	333999 7446			

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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			
23	Gas generating equipment	333999 7556				
24	Compressed air and gas dryers	333999 7876				
25	Lubricators for pneumatic systems, sold separately	333999 7877				
26	Lubricating systems, industrial, centralized, and automatic, for other than pneumatic systems (complete units)	333999 7983				
27	Industrial robots, attachments, and parts	333999 7109				
28	Mixers for general industrial processes, solids or liquids	333999 7661				
29	Automatic fire sprinklers	333999 7763				
30	Metal baling presses	333999 7986				
31	Hydraulic jacks	333999 7989				
32	Metal bellows, industrial-type	333999 7997				
33	Parts for all other miscellaneous general industrial machinery and equipment	333999 7998				
34	All other miscellaneous machinery for general industrial use (complete units) <i>(Specify kind)</i> ↴					
		333999 7994				
35	All other miscellaneous machinery products (excluding electrical and general industrial use) <i>(Specify kind)</i> ↴					
		333999 A100				
36	Flexible hose and tubing (including steel, stainless steel, aluminum, copper, alloys, and other types)	332999 5100				
37	Punches, industrial prototypes, die parts, and other special tooling	333514 0C10				
38	All other miscellaneous industrial valves (all metals, pressures, and types) (including safety valves) <i>(Specify kind)</i> ↴					
		332911 B100				

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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			
39	Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves (excluding parts)	332911 1121				
40	Precision turned products, automotive (nonstandard items made from rod, bar, tube stock on screw machine turning centers)	332721 1100				
41	Precision turned products and parts (nonstandard items made from rod, bar, or tube stock on screw machine turning centers) (excluding automotive)	332721 3100				
42	Electroplating, plating, polishing, anodizing, and coloring	332813 0200				
43	Other steel sheet metal work (Specify kind)	332322 G326				
44	Receipts for machine shop job work and job order repairs	332710 0100				
45	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				
46		26				
47		34				
48		42				
49		59				
50		67				
51	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.)	999899 2000				
52	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (The cost of such items should be reported in 16, line A2.)	999899 1000				

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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			
53	Receipts for installation (or construction) of products of this establishment	999899 9012				
54	Other miscellaneous receipts (including receipts for repair work, etc.)	999899 9090				
55	TOTAL (Should equal total reported in 5)	770000 0000				

23-25 Not Applicable.

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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 purchased 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.

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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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