

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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	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	Electrical transmission, distribution, and control equipment	330000 63			
2	Programmable controllers (sold separately)	335314 25			
3	Fluid power products, hydraulic and pneumatic (including pumps, valves, cylinders and rotary actuators, hose and tube fittings, and filters)	330000 67			
4	Mechanical speed changers, gears, and industrial high-speed drives	333612 00			
5	Machine tool accessories (including cutting tools)	333515 05			
6	Steel shapes and forms (including sheet pilings) (excluding castings, forgings, and fabricated metal products)	331200 39			
7	Other nonferrous metal castings, rough and semifinished (including aluminum and aluminum-base alloy and copper and copper-base alloy)	331520 04			
8	Other fabricated metal products (excluding fluid power products and forgings)	332000 51			

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17 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	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) 7	009700 99				
10	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."

Machine Tool Subassemblies and Knockdowns - Report the sale of purchased machine tool subassemblies and knockdowns under Census product code 999899 1000, "Resales," (line 54).

Line No.	Products and services	Census product code	Products shipped and other receipts			
			Value, f.o.b. plant			
			\$ Bil.	Mil.	Thou.	
0734		0730	0731			
1	Metal gear cutting machines	333512 1200				
2	Metal boring machines and drilling machines (excluding machining centers)	333512 A100				
3	Metal grinding, polishing, buffing, honing, and lapping machines (excluding gear-tooth grinding, lapping, polishing, and buffing machines)	333512 2100				

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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			
4	Metal lathes (turning machines) numerically and nonnumerically controlled	333512 3100				
5	Metal milling machines (excluding machining centers)	333512 4100				
6	Metal machining centers (multifunction numerically controlled machines)	333512 7100				
7	Metal station type machines	333512 8100				
8	Other metal cutting machine tools (including those designed primarily for home workshops, laboratories, garages, etc.) (Specify kind) ↴	333512 9100				
9	Metal drilling, grinding and polishing, sawing and cut-off, and other metalworking machines for home workshops, laboratories, garages, etc. (including automotive cylinder reboring machines and lathes)	333512 5100				
10	Parts for metal cutting machine tools (sold separately) (Specify kind) ↴	333512 6101				
11	Rebuilt metal cutting type machine tools (including machines returned to same configuration they were in when new from factory)	333512 6107				
12	Remanufactured metal cutting-type machine tools (including machines in which the original carcass is reused and all possible modern improvements have been incorporated)	333512 6111				
13	Metal punching and shearing machines (including power and manual) and bending and forming machines (power only)	333513 1100				
14	Metalworking presses (excluding forging and die-stamping presses)	333513 3100				
15	Other metal forming machine tools (including forging and die-stamping machines) (excluding metalworking presses) (Specify kind) ↴	333513 5100				
16	Parts for die-casting machines	333513 7101				

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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			
17	Other parts for metal forming machine tools (<i>Specify kind</i>) ↴ 	333513 7111				
18	Rebuilt metal forming machine tools (including machines returned to same configuration they were in when new from factory)	333513 7117				
19	Remanufactured metal forming machine tools (including machines in which the basic carcass is reused and all possible modern improvements have been incorporated)	333513 7121				
20	Hot rolling mill machinery (including combination hot and cold) (excluding tube rolling)	333516 1100				
21	Cold rolling mill machinery (including tandem, single stand and other)	333516 3100				
22	Other rolling mill machinery (including tube mill machinery) and parts for all rolling mill machinery Tube rolling mill machinery	333516 5101				
23	Processing lines (including pickling and cleaning, tinning, galvanizing, etc.), scarfing units, and press feed lines	333516 5106				
24	Other rolling mill machinery and equipment (excluding parts) (<i>Specify kind</i>) ↴ 	333516 5111				
25	Machined rolls for rolling mills	333516 5116				
26	Parts (excluding rolls) for rolling mill machinery (sold separately)	333516 5121				
27	Assembly machines (including parts and attachments for metalworking assembly machines) (sold separately) Rotary transfer (dial or rotary, trunnion, center column)	333518 1101				
28	Inline transfer, synchronous	333518 1206				
29	Inline transfer, nonsynchronous	333518 1311				

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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			
30	Assembly machines (including parts and attachments for metalworking assembly machines) (sold separately) - Continued Special-purpose and other types (Specify kind) ↴ <input type="text"/>	333518 1416				
31	Parts and attachments for assembly machines (sold separately)	333518 1521				
32	Industrial robots, attachments, and parts	333999 7109				
33	Other metalworking machinery and parts and attachments for other metalworking machinery (excluding handheld and ultrasonic) (sold separately) Draw benches and wiredrawing machines (excluding dies) . . .	333518 3101				
34	Wire rope and wire cable making machines	333518 3106				
35	Other machines for working wire (Specify kind) ↴ <input type="text"/>	333518 3111				
36	Coil handling equipment (conversion or straightening) Cut-to-length lines	333518 3116				
37	Slitting lines	333518 3121				
38	Other metalworking machinery (Specify kind) ↴ <input type="text"/>	333518 3126				
39	Parts and attachments for other metalworking machinery (sold separately)	333518 3131				
40	Jigs and fixtures (including parts)	333514 0A10				
41	Metalworking die and die sets	333514 0B10				
42	Punches, industrial prototypes, die parts, and other special tooling	333514 0C10				

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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		
43	Cutting tools (including broaches, reamers, hobs) and all other miscellaneous solid and tipped carbide cutting tools for machine tools and metalworking machinery	333515 1103			
44	Tool holders, tracer and tapering attachments, lathe chucks, rotary tables, collets, jaws, vises, tool room specialties, and all other attachments and accessories (<i>Specify kind</i>) ↴	333710 3170			
45	Nonmetallic abrasive products (including hand and abrasives)	333710 3100			
46	Receipts for machine shop job work and job order repairs	332710 0100			
47	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 pre-listed products and services. For all remaining products, write "Other" and report a single total value.</i>)	18			
48		26			
49		34			
50		42			
51		59			
52		67			
53	Contract work - Receipts for work done for others on their materials (<i>Specify products worked on and kind of work.</i>) ↴	999899 2000			
54	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (<i>The cost of such items should be reported in 16, line A2.</i>)	999899 1000			
55	Miscellaneous receipts Sales of scrap and refuse	999899 9003			
56	Receipts for installation (or construction) of products of this establishment	999899 9012			

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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			
	Miscellaneous receipts - Continued					
57	Receipts for research and development	999899 9021				
58	Receipts for repair work	999899 9030				
59	Other miscellaneous receipts	999899 9091				
60	TOTAL (Should equal total reported in 21)	770000 0000				

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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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		2012		
		\$ Bil.	Mil.	Thou.
2.	Report the costs incurred by this establishment for contract manufacturing purchases in 2012	1013		
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		

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**

		2012		
		\$ Bil.	Mil.	Thou.
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		

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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