

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

Produced and Consumed - Forgings, foundries, and screw machine products - Report the quantities produced and used in manufacturing other products made in this establishment in **26**. Note that the materials used to produce these items should be reported in **17**.

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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	Steel shapes and forms (excluding castings, forgings, and fabricated metal products)				
	Bars, bar shapes, and plate	331200 07			
2	Sheet and strip (including tinplate)	331000 22			
3	All other steel shapes and forms (excluding castings, forgings, fabricated metal products, bars, bar shapes, plate, sheet, and strip)	331200 34			
	Castings (rough and semifinished)				
4	Iron and steel	331510 01			
5	Nonferrous (aluminum, copper, etc.)	331520 11			

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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		
6	Forgings				
	Cold iron and steel	332111 03			
7	Other iron and steel	332111 11			
8	Fabricated metal products (excluding castings and forgings)				
	Bolts, nuts, screws, rivets, washers, and other screw machine products	332722 03			
9	All other fabricated metal products	332001 00			
10	Ball and roller bearings (mounted or unmounted)	332991 01			
11	Balls, rollers, cages, collars, races, and other antifriction bearing components and parts	332991 07			
12	Grinding wheels and other abrasive products (excluding industrial diamonds)	327910 01			
13	Special dies, tools, die sets, jigs, and fixtures (excluding cutting tools for machine tools)	330000 01			
14	Electric motors, generators, and parts	335312 07			
15	Paperboard containers, boxes, and corrugated paperboard	322210 01			
16	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↴	009700 99			
17	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 200.

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, "Resale."

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Line No.	Products and services	Census product code	Products shipped and other receipts, including interplant transfers		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
1	Ball Bearings, complete, unmounted, single row conrad Miniature (below 9 mm. O.D.), regular (ABEC 1 and 3)	332991 1101			
2	Miniature (below 9 mm. O.D.), precision (ABEC 5 and up) . . .	332991 1102			
3	Other regular (ABEC 1 and 3) Other regular (ABEC 1 and 3), 9 mm. O.D. through 30 mm. O.D.	332991 1103			
	Other regular (ABEC 1 and 3), over 30 mm O.D. through 52 mm O.D.				
4	Other regular (ABEC 1 and 3), over 30 mm O.D. through 52 mm O.D.	332991 1104			
5	Other regular (ABEC 1 and 3), over 52 mm O.D. through 100 mm O.D.	332991 1105			
6	Other regular (ABEC 1 and 3), over 100 mm O.D.	332991 1107			
7	Other precision (ABEC 5 and up) Other precision (ABEC 5 and up), 9 mm O.D. through 30 mm O.D.	332991 1109			
	Other precision (ABEC 5 and up), over 30 mm O.D. through 52 mm O.D.				
8	Other precision (ABEC 5 and up), over 30 mm O.D. through 52 mm O.D.	332991 1111			
9	Other precision (ABEC 5 and up), over 52 mm O.D. through 100 mm O.D.	332991 1112			
10	Other precision (ABEC 5 and up), over 100 mm O.D.	332991 1113			

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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, including interplant transfers		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
11	Ball bearings, complete, unmounted Single-row maximum capacity type	332991 1114			
12	Integral shaft and integral spindle ball bearings	332991 1118			
13	Angular contact, regular	332991 1119			
14	Double-row	332991 1120			
15	Angular contact, precision	332991 1123			
16	All other ground or precision bearings (ABEC 1 and up)	332991 1124			
17	Ground bearings of less than ABEC 1 precision	332991 1127			
18	Unground (less than ABEC 1)	332991 1129			
	Thrust ball bearings				
19	Ground	332991 1133			
20	Unground	332991 1135			
21	Other complete, unmounted ball bearings	332991 1155			
	Tapered roller bearings, unmounted				
22	Cup and cone assemblies shipped as a set	332991 3132			
23	Cups shipped separately	332991 3133			
24	Cone assemblies shipped separately	332991 3134			
	Other roller bearings (excluding tapered), unmounted Cylindrical roller bearings				
25	Regular (ABEC 1 and 3)	332991 5111			
26	Precision (ABEC 5 and up)	332991 5112			

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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, including interplant transfers			
			Value, f.o.b. plant			
			\$ Bil.	Mil.	Thou.	
0734		0730	0731			
	Other roller bearings (excluding tapered), unmounted - Continued					
	Spherical roller bearings, including hourglass and barrel					
27	Single-row	332991 5124				
28	Double-row	332991 5125				
29	Needle roller bearings	332991 5141				
30	Other roller bearings	332991 5193				
	Mounted bearings					
31	Ball bearings, unit and/or split mounted	332991 7117				
32	Roller, split-mounted	332991 7155				
33	Roller, unit-mounted	332991 7153				
	Parts and components for ball and roller bearings (including balls and rollers), sold separately (excluding cups and cones)					
34	Ball bearings, sold separately (excluding cups and cones) . . .	332991 9111				
35	Other antifriction ball bearing components and parts, (including unassembled ball bearings, cages, races, seals, shields, etc.) (excluding ball)	332991 9121				
36	Parts and components for rollers	332991 9131				
	Other roller bearings parts and components (excluding rollers)					
37	Tapered roller bearings (excluding cup and cone assemblies)	332991 9135				
38	Cylindrical roller bearings	332991 9136				

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CONTINUE WITH **22** ON PAGE 16

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

Line No.	Products and services	Census product code	Products shipped and other receipts, including interplant transfers			
			Value, f.o.b. plant			
			\$ Bil.	Mil.	Thou.	
0734		0730	0731			
	Parts and components for ball and roller bearings (including balls and rollers), sold separately (excluding cups and cones) - Continued					
	Other roller bearings parts and components (excluding rollers) - Continued					
39	Spherical roller bearings	332991 9137				
40	Other roller bearings	332991 9149				
41	Housings and parts and components for housings (including housing closures, collars, spacers, sleeves, shafts, and other miscellaneous items)	332991 9159				
42	Gears, pinions, racks, and worms, sold separately	333612 3100				
43	Plain bearings and bushings (excluding engines)	333613 1100				
44	Clutches, brakes, couplings, shafts, ball joints, sprockets, and sheaves	333613 3801				
	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.)					
45		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, including interplant transfers			
			Value, f.o.b. plant			
			\$ Bil.	Mil.	Thou.	
0734		0730	0731			
53	Sales of scrap and refuse	999899 9003				
54	Other miscellaneous receipts (including receipts for repair work, etc.)	999899 9090				
55	TOTAL (Should equal total reported in 5)	770000 0000				

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23-25 Not Applicable.

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**

2. Report the costs incurred by this establishment for contract manufacturing purchased 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

2012		
\$ Bil.	Mil.	Thou.

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CONTINUE WITH **26** ON PAGE 18

26 SPECIAL INQUIRIES - Continued

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 C

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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.
<input type="text"/>	<input type="text"/>	<input type="text"/>

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

1020

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26 SPECIAL INQUIRIES - Continued

C. SELECTED PRODUCTS PRODUCED AND CONSUMED

- Report below the quantity of each listed item produced in this establishment and used in manufacturing other products made in this establishment.
- Purchases or receipts of the items specified below should be reported only in 17.
- Materials used to produce the items specified below should be reported in 17.
- Quantities produced for sale as such and not for incorporation in other products should be reported in 22.
- Report quantities in the unit of measure specified.

Mark "X" if not performed at this establishment

Quantities produced in this establishment and used in manufacturing other products made in this establishment

1. Ferrous foundries 8301

--	--	--	--	--	--	--	--	--	--	--

 short tons

2. Nonferrous foundries, excluding die-casting

 a. Aluminum 8302

--	--	--	--	--	--	--	--	--	--	--

 thousand pounds

 b. Copper 8303

--	--	--	--	--	--	--	--	--	--	--

 thousand pounds

 c. Zinc 8304

--	--	--	--	--	--	--	--	--	--	--

 thousand pounds

 d. Other 8305

--	--	--	--	--	--	--	--	--	--	--

 thousand pounds

3. Nonferrous die-casting foundries 8306

--	--	--	--	--	--	--	--	--	--	--

 thousand pounds

4. Did this establishment produce precision turned products (on screw machines, turning centers, and CNC equipment)?

8308 Yes

8309 No

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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"/>

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