

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

INFORMATION COPY
DO NOT USE TO REPORT

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	Forgings	332110 00						
2	Fabricated metal products (excluding forgings) Bolts, nuts, screws, rivets, washers, and screw machine products	332722 03						
3	Other fabricated metal products (excluding forgings, castings, bolts, nuts, screws, rivets, washers, and screw machine products)	332001 00						
4	Castings (rough and semifinished) Iron and steel	331510 01						
5	Nonferrous (aluminum, copper, etc.)	331520 11						

33204116



CONTINUE WITH **17** ON PAGE 12

CONTINUE ON PAGE 12

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			
	Shapes and forms (excluding castings, forgings, and fabricated metal products)							
	Steel							
6	Bars and bar shapes	331200 71						
7	Steel sheet and strip (excluding tinplate)	331200 18						
8	Plate	331200 19						
9	Steel wire and wire products	331000 28						
10	Tinplate, tin free steel, terneplate, and blackplate	331200 13	short tons					
11	All other steel shapes and forms (excluding castings, forgings, fabricated metal products, wire, wire products, tinplate, tin free steel terneplate, and blackplate)	331200 28						
	Nonferrous							
12	Copper and copper-base alloy	331421 11						
13	Aluminum and aluminum-base alloy							
	Sheet, plate, foil, and welded tubing	331315 00						
14	Extruded shapes (including extruded rod, bar, pipe, tube, etc.)	331316 01						
15	Other aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, sheet, plate, foil, welded tubing, extruded shapes, and fabricated metal products)	331000 46						
16	Other nonferrous metal shapes and forms	331000 82						

INFORMATION COPY
DO NOT USE TO REPORT

33204124



CONTINUE WITH **17** ON PAGE 13

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

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			
17	Chemicals and allied products Plastics resins consumed in the form of granules, pellets, powders, liquids, etc.	325211 05						
18	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied products	325111 02						
19	All other chemicals and allied products (excluding plastics resins, paints, varnishes and allied products)	325000 52						
20	Special dies, tools, die sets, jigs, and fixtures (excluding cutting tools for machine tools)	330000 01						
21	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes	326100 13						
22	Paper and paperboard products Paperboard boxes, containers, and corrugated paperboard	322210 01						
23	Other paper and paperboard products	322000 07						
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						

INFORMATION COPY
DO NOT USE TO REPORT

18-21 Not Applicable.

33204132



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.g.,

INFORMATION COPY
 DO NOT USE TO REPORT

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 commercial and home-canning crowns and closures					
	Metal and metal-composite closures, (including home-canning closures)	332115 0201				
2	All other metal closures, (including metal crowns) (including soft drinks and beer) and roll-ons (<i>Specify kind</i>) ↴					
		332115 0207				
3	Job stampings (excluding automotive)					
	Recreational vehicle metal job stampings (motor homes, travel trailers, etc.)	332116 1101				
4	Agricultural equipment metal job stampings, (including tractor)	332116 1115				
5	Motor and generator metal job stampings	332116 1205				
6	Aviation metal job stampings	332116 1311				
7	Furniture stampings	332116 1331				
8	Radio and phonograph metal job stampings, (excluding automotive)	332116 1352				
9	Television metal job stampings	332116 1354				
10	Other industrial equipment metal job stampings (<i>Specify kind</i>) ↴					
		332116 1388				

33204140



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		
	Job stampings (excluding automotive) - Continued				
11	Computer metal job stampings	332116 1421			
12	Office machine metal job stampings, (excluding computer)	332116 1441			
13	Electrical appliance metal job stampings, (excluding refrigeration and laundry equipment)	332116 1525			
14	Refrigeration metal job stampings (residential, commercial, and industrial)	332116 1561			
15	Stove, heater, and air conditioner metal job stampings (residential, commercial, and industrial), (excluding automotive)	332116 1571			
16	Laundry equipment metal job stampings (residential, commercial, and industrial)	332116 1584			
17	Other metal job stampings, (excluding automotive) (<i>Specify kind</i>) ↴ 	332116 1398			
18	Stamped and pressed metal end products (including vitreous (porcelain) enameled products) Vitreous (porcelain) enameled products (excluding cooking and kitchen utensils) Stamped and pressed vitreous (porcelain) enameled metal architectural parts (exterior and interior), (including store front and curtain wall components)	332116 6101			
19	Other stamped and pressed vitreous (porcelain) enameled products (including refrigerator and laundry equipment parts and commercial and hospital utensils), (excluding cooking and kitchen utensils) (<i>Specify kind</i>) ↴ 	332116 6211			
20	Stamped and pressed metal chemical milling products, milled contoured metal, and clad and bonded metal products	332116 6221			
21	Perforated metal end products	332116 6231			

INFORMATION COPY
DO NOT USE TO REPORT

33204157



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			
			Value, f.o.b. plant			
			\$ Bil.	Mil.	Thou.	
0734		0730	0731			
22	Stamped and pressed metal end products (including vitreous (porcelain) enameled products) - Continued Metal electronic enclosures (stamped and pressed), (excluding computer stampings)	332116 6361				
23	Other stamped and pressed metal end products, (excluding spinning products) (<i>Specify kind</i>) ↴ [Redacted]	332116 6195				
24	Stamped and spun utensils, cooking and kitchen Aluminum Top of range household stamped and spun aluminum utensils (items generally used directly on top of source of heat), (including pressure cookers)	332214 1111				
25	Camping and outdoor stamped and spun aluminum cooking equipment	332214 1231				
26	Other stamped and spun aluminum cooking and kitchen utensils (including commercial and hospital) (<i>Specify kind</i>) ↴ [Redacted]	332214 1241				
27	Stainless steel Top of range household stamped and spun stainless steel utensils (items generally used directly on top of source of heat)	332214 3101				
28	Other stamped and spun stainless steel cooking and kitchen utensils, (including commercial, hospital, and outdoor cooking equipment) (<i>Specify kind</i>) ↴ [Redacted]	332214 3215				
29	Tinware, (including household, commercial, hospital, and outdoor cooking equipment)	332214 3231				
30	Metal spinning products, (excluding cooking and kitchen utensils) (<i>Specify kind</i>) ↴ [Redacted]	332116 3100				
31	Stamped and pressed metal toolboxes	332439 6204				

INFORMATION COPY
DO NOT USE TO REPORT

33204165



CONTINUE WITH **22** ON PAGE 17

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		
32	Die and tool sets				
	Jigs and fixtures (including parts)	333514 0A10			
33	Metalworking die and die sets	333514 0B10			
34	Punches, industrial prototypes, die parts, and other special tooling	333514 0C10			
35	Cutting tools (including broaches, reamers, hobs) and all other miscellaneous solid and tipped carbide cutting tools for machine tools and metalworking machinery	333515 1103			
36	Automotive job stampings (truck, bus, and passenger car)	336370 0100			
37	Receipts for machine shop job work and job order repairs	332710 0100			
38	Precision turned products and parts (nonstandard items made from rod, bar, tube stock on screw machine turning centers)	332721 3100			
39	Costume jewelry and novelty manufacturing, engraving, chasing, or etching, made of nonprecious metal (including gold, platinum, and silver plated to nonprecious metal)	339914 0100			
40	Electroplating, plating, polishing, anodizing, and coloring	332813 0200			
41	All other metal coating, engraving and etching (excluding jewelry and silverware), and allied services to manufacturers (Specify kind) ↴	332812 0808			
42	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			
43		26			
44		34			
45		42			

INFORMATION COPY
DO NOT USE TO REPORT

33204173



CONTINUE WITH **22** ON PAGE 18

CONTINUE ON PAGE 18

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		
46		59			
47		67			
48	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.)				
		999899 2000			
49	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			
50	Sales of scrap and refuse				
		999899 9003			
51	Other miscellaneous receipts (including receipts for repair work, etc.)				
		999899 9090			
52	TOTAL (Should equal total reported in 5)	770000 0000			

INFORMATION COPY
DO NOT USE TO REPORT

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

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

--	--	--

CONTINUE WITH **26** ON PAGE 19

33204181



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

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

INFORMATION COPY DO NOT USE TO REPORT

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

CONTINUE WITH 26 ON PAGE 20

33204199



26 SPECIAL INQUIRIES - Continued

C. SELECTED METALWORKING AND RELATED OPERATIONS

(Report the type(s) of operation(s) performed below and the approximate number of production workers on all shifts usually engaged in the specified operation.)

		Mark "X" if None	Number of production workers (on all shifts) usually employed when operated (estimate if necessary)
1. Electroplating and other plating	8401	<input type="checkbox"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
2. Galvanizing and other hot dip coating of fabricated articles	8402	<input type="checkbox"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
3. Heat treating of metals for production purposes	8403	<input type="checkbox"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
4. Precision turned products on screw machines, turning centers, and CNC equipment)	8404	<input type="checkbox"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
5. Machine shop	8405	<input type="checkbox"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
6. Tool and die shop (if separate from machine shop) for jigs, fixtures, dies, and other special tooling	8406	<input type="checkbox"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
7. Pattern shop (foundry patterns only - metal, wood, etc.)	8407	<input type="checkbox"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
8. Sheet metal work, aluminum or steel	8408	<input type="checkbox"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
9. Stamping and blanking of metals	8409	<input type="checkbox"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
10. Painting, lacquering, and enameling on metals	8410	<input type="checkbox"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
11. Welding of steel plate for manufacturing production	8411	<input type="checkbox"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
12. Welding repair shop	8412	<input type="checkbox"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

INFORMATION COPY
DO NOT USE TO REPORT

33204207



CONTINUE WITH 26 ON PAGE 21

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

26 SPECIAL INQUIRIES - Continued

D. 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

INFORMATION COPY
DO NOT USE TO REPORT

27-29 Not Applicable.

33204215



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

**INFORMATION COPY
DO NOT USE TO REPORT**

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.**

33204223

