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No errors ☺

No warnings ☺

16 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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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 15, 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 15, line A2, not in 16. The value of these products shipped by this establishment should be reported in 22 under Census product code 999890 0000, "Resales."

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.	M il.	Thou.
0634		0630	0631		
1	Electrical transmission, distribution, and control equipment	330000 63			
2	All other steel shapes and forms	331000 00			
	Fluid power products (hydraulic and pneumatic)				
3	Pumps, motors, and hydrostatic transmissions	333996 01			
4	Cylinders and rotary actuators	333995 01			
5	Filters	333999 01			
6	Hose or tube fittings and assemblies	332912 03			
7	Valves	332912 07			
	Fabricated metal products (excluding castings and forgings)				
8	Bolts, nuts, screws, washers, rivets, and other screw machine products	332722 03			
9	Other fabricated metal products, excluding fluid power products	332000 63			
10	Forgings	332100 01			

CONTINUE WITH 16 ON PAGE 9

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

16 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.	M il.	Thou.
	0634	0630	0631		
11	Castings (rough and semi finished) Iron and steel	331510 01			
12	Nonferrous (aluminum, copper, etc.)	331520 11			
	Shapes and forms (excluding castings, forgings, and fabricated metal products) Steel				
13	Bars, bar shapes, and plate	331200 07			
14	Sheet and strip	331200 17			
15	Structural shapes	331200 69			
16	All other steel shapes and forms	331200 91			
17	Nonferrous shapes and forms (including copper and copper-base alloy and aluminum and aluminum base)	331000 AJ			
	Electric motors and generators Fractional horsepower electric motors (less than 1 hp)				
18	Timing motors, synchronous and subsynchronous	335312 09			
19	Other fractional horsepower electric motors (less than 1 hp) (excluding timing motors)	335312 17			
20	Integral horsepower motors and generators (1 hp or more)	335312 21			
21	Electrical transmission, distribution, and control equipment	001900 B1			
22	Electrical industrial capacitors, resistors, rheostats, and coil windings	335000 07			
23	Electrical instrument mechanisms and meter movements (including instrument relays)	334515 01			
24	Numerical controls for metal working machinery (excluding programmable)	335314 09			
25	Programmable controllers for metal working machinery	335314 11			
	Bearings (mounted or unmounted)				
26	Ball	332991 05			
27	Roller	332991 03			
28	Speed changers, gears, and industrial high-speed drives	333612 00			
29	Wood boxes, pallets, skids, and containers	321920 01			

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16 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.	Mill	Thou.
0634		0630	0631		
30	Cutting tools for machine tools	333515 03			
31	Printed circuit assemblies, loaded boards or modules (printed circuit boards with inserted electronic components)	001900 C4			
32	Printed circuit boards (without inserted components) for electronic circuitry	334412 00			
33	Semiconductors, including transistors, diodes, rectifiers, and integrated circuits for electronic circuitry	334413 00			
34	Other components and accessories for electronic circuitry, nec, excluding tubes	001900 D3			
35	Paper and paperboard containers, including shipping sacks and other paper packaging supplies	322200 17			
36	Fabricated plastics products (excluding gaskets, hoses, and belting)	326100 07			
37	Optical instruments and lenses (excluding sighting, tracking, and fire control)	333314 01			
38	Electronic computing equipment	334100 01			
39	Electronic communication equipment	334220 01			
40	Cabinets (wood, metal, and plastics) ↴	009700 99			
41	TOTAL (Should equal total reported in 15, line A1)	771000 00			

17 - 20 Not Applicable.

21 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 930000 0000.

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

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

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 999890 0000, "Resales."

Machine Tool Subassemblies and Knockdowns - Report the sale of purchased machine tool subassemblies and knockdowns under Census product code 000999 8900 6, "Resales," (line).

Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CR)	Census product code	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	M il.	Thou.
	0734	0730	0731		
1	Metal gear cutting machines (Corresponds to value of shipments on CR M Q 333W , Metal working Machinery, 2007)*	333512 1200			
2	Metal boring machines (excluding machining centers) and drilling machines (excluding machining centers) (Corresponds to value of shipments on CR M Q 333W , Metal working Machinery, 2007)*	333512 A100			
3	Metal grinding, polishing, buffing, honing, and lapping machines (excluding gear-tooth grinding, lapping, polishing, and buffing machines) (Corresponds to value of shipments on CR M Q 333W , Metal working Machinery, 2007)*	333512 2100			
4	Metal lathes (turning machines) numerically and nonnumerically controlled (Corresponds to value of shipments on CR M Q 333W , Metal working Machinery, 2007)*	333512 3100			
5	Metal milling machines (excluding machining centers) (Corresponds to value of shipments on CR M Q 333W , Metal working Machinery, 2007)*	333512 4100			
6	Metal machining centers (multifunction numerically controlled machines) (Corresponds to value of shipments on CR M Q 333W , Metal working Machinery, 2007)*	333512 7100			
7	Metal station type machines (Corresponds to value of shipments on CR M Q 333W , Metal working Machinery, 2007)*	333512 8100			
8	Other metal cutting machine tools (excluding those designed primarily for home workshops, laboratories, garages, etc.) (Corresponds to value of shipments on CR M Q 333W , Metal working Machinery, 2007)* (Specify kind) ↴ [Blank]	333512 9100			
9	Metal drilling, grinding and polishing, sawing and cut-off, and other metal working machines for home workshops, laboratories, garages, etc. (including automatic cylinder re boring machines and lathes)	333512 5100			
10	Parts for metal cutting type machine tools (sold separately), rebuilt metal cutting type machine tools, and remanufactured metal cutting machine tools Parts for metal cutting machine tools (Specify kind) ↴ [Blank]	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) (Corresponds to value of shipments on CR M Q 333W , Metal working Machinery, 2007)*	333512 6111			
13	Punching and shearing machines (including power and manual) and bending and forming machines (power only) (Corresponds to value of shipments on CR M Q 333W , Metal working Machinery, 2007)*	333513 1100			

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21 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued					
Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CR)	Census product code	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	Mill	Thou.
0734		0730	0731		
14	Metalworking presses (excluding forging and die-stamping presses) (Corresponds to value of shipments on CR MQ 333W, Metalworking Machinery, 2007)*	333513 3100			
15	Other metal forming machine tools (including forging and die-stamping machines) (excluding metalworking presses) (Corresponds to value of shipments on CR MQ 333W, Metalworking Machinery, 2007)* (Specify kind) 7	333513 5100			
16	Parts for metal forming machine tools (sold separately), rebuilt metal forming machine tools, and remanufactured metal forming machine tools Parts for die-casting machines	333513 7101			
17	Other parts for metal forming machine tools (Specify kind) 7	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) (Corresponds to value of shipments on CR MQ 333W, Metalworking Machinery, 2007)*	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 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) (Specify kind) 7	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, sold separately, for metalworking assembly machines) 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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21 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	M il.	Thou.
	0734	0730	0731		
30	Assembly machines (including parts and attachments, sold separately, for metalworking assembly machines) - Continued Special-purpose and other types (Specify kind) ↴	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 (sold separately), for other metalworking machinery (excluding handheld and ultrasonic) Draw benches and wire drawing machines (excluding dies)	333518 3101			
34	Wire rope and wire cable making machines (Specify kind) ↴	333518 3106			
35	Other machines for working wire (Specify kind) ↴	333518 3111			
36	Coil handling equipment (conversion or straightening) (excluding handheld and ultrasonic) Cut-to-length lines	333518 3116			
37	Slitting lines	333518 3121			
38	Other metalworking machinery (Specify kind) ↴	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			
43	Toolholders, tracer and tapering attachments, lathe chucks, rotary tables, collets, jaws, vises, toolroom specialties, and all other attachments and accessories (Specify kind.) ↴	333515 3100			
44	Receipts from machine shop job work and job order repairs	332710 0100			

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21 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE -Continued					
Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	M il.	Thou.
	0734	0730	0731		
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 "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.) 7	930000 0000			
52	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (The cost of such items should be reported in 46, line A2.)	999890 0000			
53	Sales of scrap and refuse	999801 3000			
54	Receipts for installation (or construction) of products of this establishment	999803 1000			
55	TOTAL (Should equal 4, line A)	770000 0000			
22 - 24 Not Applicable.					

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25 SPECIAL INQUIRIES

OTHER ESTABLISHMENT ACTIVITIES

1. Did this establishment design, engineer, or formulate the manufactured products that it sold, produced, or shipped?

0318 Yes

0319 No

2. Which of the following best describes this establishment's primary activity? (Mark "X" only ONE box.)

0362 Providing contract manufacturing services for others

0363 Transforming raw materials or components into new products that this establishment owns or controls

0364 Reselling goods manufactured by others (with or without minor final assembly)

0365 Other - Specify

0366

3. Did this establishment purchase contract manufacturing services from other companies or other establishments of your company to process materials or components that this establishment owns or controls?

0496 Yes, primarily with establishments WITHIN the 50 States and the District of Columbia

0497 Yes, primarily with establishments OUTSIDE of the 50 States and the District of Columbia

0498 No

26 - 28 Not Applicable.

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

29 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

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

Internet e-mail address	Date completed	Month	Day	Year
<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>

Thank you for completing your 2007 ECONOMIC CENSUS form.

PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.

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