

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 **2**. 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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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 **2** under Census product code 999890 0000, "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**.

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	Fabricated plastics products	326190 09			
2	Scrap (including iron, steel, aluminum and aluminum-base alloy; excluding home scrap)	330000 56			
3	Forgings	332110 00			
4	Steel bars, bar shapes, and plate (excluding castings, forgings, and fabricated metal products)	331200 07			
5	Steel sheet and strip (including tinplate)	331000 22			
6	All other steel shapes and forms (excluding castings, forgings, fabricated metal products, bars, bar shapes, plate, sheet, and strip)	331200 34			
7	Metal stampings	332000 62			
8	Metal bolts, nuts, screws, washers, rivets, and other screw machine products	332722 03			
9	Metal valves, fittings, and couplings purchased for further assembly (excluding forgings)	332900 03			

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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		
10	Other fabricated metal products (excluding forgings, metal stampings, valves, fittings, couplings, bolts, nuts, screws, washers, rivets, and other screw machine products)	332000 28			
11	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products)	331310 16			
12	Copper and copper-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products)	331421 11			
13	All other nonferrous metal shapes and forms	331000 03			
14	Iron and steel castings (rough and semifinished)	331510 01			
15	Copper and copper-base alloy castings (rough and semifinished)	331525 00			
16	Other nonferrous metal castings, rough and semifinished (excluding aluminum and aluminum-base alloy and copper and copper-base alloy)	331520 08			
17	Paperboard containers, boxes, and corrugated paperboard	322210 01			
18	Rubber and plastics hose and belting	326220 01			
19	Fabricated rubber products (excluding tires, tubes, hose, belting, and gaskets)	326000 17			
20	Cost of all other materials and components, parts, containers, and supplies consumed (<i>Specify the principal materials, etc., included in this value.</i>) ↴	009700 99			
21	TOTAL (<i>Should equal total reported in 16, line A1</i>)	771000 00			

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.

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

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.

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."

Detailed Data Reported Elsewhere - Items denoted by an asterisk (*) require totals for groups of products covered in the more frequent Current Industrial Reports (CIR). If you report on the CIR forms, the sum of the detailed CIR products should equal the total reported on this census form.

Special Instructions for Nuclear and Industrial Valves - Actuators and parts when shipped with a valve should not be included in the value of the valve but should be reported separately on the appropriate actuators and parts lines.

Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Products shipped and other receipts, including interplant transfers		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
1	Fluid power valves and parts Aerospace type hydraulic fluid power valves (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	332912 1100			
2	Aerospace type pneumatic fluid power valves (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	332912 3100			
3	Nonaerospace type hydraulic directional control valves (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	332912 5100			
4	Nonaerospace type hydraulic valves (excluding directional control) (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	332912 7100			
5	Nonaerospace type pneumatic directional control valves (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	332912 9100			
6	Nonaerospace type pneumatic valves (excluding directional control) (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	332912 B100			
7	Parts for fluid power valves (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	332912 D100			
8	Fluid power hose fittings and assemblies Nonaerospace type flared (metal) fittings, couplings for, and assemblies of tubing (including assemblies that combine tubing and hose) used in fluid power transfer systems (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	332912 H100			
9	Nonaerospace type flareless fittings and couplings (including nonmetal fittings) used in fluid power transfer systems (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	332912 J100			
10	Nonaerospace type hydraulic and pneumatic fittings and couplings for hose (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	332912 L100			
11	Nonaerospace type hydraulic and pneumatic assemblies of hose (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	332912 N100			
12	Aerospace type hydraulic and pneumatic hose or tube end fittings and assemblies (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	332912 F100			
13	Flexible steel hose and tubing (including steel, stainless steel, aluminum, copper, alloys and other types)	332999 5100			

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22 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, including interplant transfers		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
14	Industrial ball valves, all metals, pressures, and types (including manual and power-operated, on-off valves) (excluding parts)	332911 5131			
15	Parts for industrial ball valves (all metals, pressures, and types) (including manual and power-operated, on-off valves)	332911 5211			
16	All other cast and forged carbon, alloy, stainless steel, and other metal fittings, flanges, and unions (excluding fire hose nozzles) (Specify kind.) ↘	332919 4339			
17	Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	333995 1100			
18	Nonaerospace pneumatic (linear and rotary) fluid power cylinders and actuators (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	333995 3100			
19	Parts for nonaerospace type hydraulic and pneumatic fluid power cylinders and actuators (including accumulators, cushions, nonvehicular shock absorbers, and related items) (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	333995 5100			
20	Aerospace type fluid power cylinders and actuators, hydraulic and pneumatic (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	333995 7100			
21	Fluid power pumps, motors, and hydrostatic transmission components Nonaerospace pumps, reciprocating types (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	333996 1100			
22	Nonaerospace pumps, rotary and other types (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	333996 3100			
23	Nonaerospace motors (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	333996 5100			
24	Aerospace pumps and motors (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	333996 7100			
25	Parts for pumps and motors (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	333996 9100			
26	Filters for pneumatic fluid power systems, nonaerospace (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	333999 4100			
27	Filters for hydraulic and pneumatic fluid power systems, aerospace (Corresponds to value of shipments on CIR MA333N, Fluid Power Products, 2007)*	333999 6100			

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22 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, including interplant transfers		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
28	Aircraft parts and auxiliary equipment (excluding hydraulic and pneumatic subassemblies and engines) Aircraft subassemblies and parts for military aircraft (including other aircraft built to military specifications)	336413 6313			
29	Other aircraft subassemblies and parts for civilian aircraft (<i>Specify kind.</i>) ↴ 	336413 6416			
30	All other pneumatic and hydraulic hose, without fittings, made of rubber and other materials (plastics, nylon, etc.) (<i>Specify kind.</i>) ↴ 	326220 8100			
31	Miscellaneous metallic and nonmetallic plumbing fixtures, fittings, and trim	332913 6101			
32	Parts and accessories for turbines, turbine generators, and turbine generator sets	333611 0751			
33	Hydraulic power-driven handtools	333991 1151			
34	Compressed air and gas dryers and centralized automatic lubricating systems for pneumatic fluid power systems	333999 7875			
35	Missile and space vehicle engine and propulsion parts and accessories for other customers	336415 7107			
36	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 "listed products and services". For all remaining products, write "Other" and report a single total value.</i> 	18			
37		26			
38		34			
39		42			
40		59			
41		67			
42	Contract work - Receipts for work done for others on their materials (<i>Specify products worked on and kind of work.</i>) ↴ 	930000 0000			
43	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>)	999890 0000			

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22 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, including interplant transfers		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
44	Miscellaneous receipts				
	Sales of scrap and refuse	999801 3000			
45	Receipts for repair work	999806 1000			
46	Receipts for research and development	999804 1000			
47	Other miscellaneous receipts	999809 8000			
48	TOTAL (Should equal total reported in 5)	770000 0000			

23-25 Not Applicable.

26 SPECIAL INQUIRIES

A. 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 **2**.
- Report quantities in the unit of measure specified.

Mark "X" if not performed at this establishment

- Ferrous foundries 8301
- Nonferrous foundries, excluding die-casting
 - Aluminum 8302
 - Copper 8303
 - Zinc 8304
 - Other 8305
- Nonferrous die-casting foundries 8306

Unit of measure for quantities	Quantities produced in this establishment and used in manufacturing other products made in this establishment
short tons	
1000 lb	
1000 lb	
1000 lb	
1000 lb	
1000 lb	

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

8308 Yes 8309 No

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26 SPECIAL INQUIRIES - Continued

B. AEROSPACE CONTRACTS

Percentage of your aerospace contracts (reported as value of shipments in **22**) is based on a variation of

- 1. Fixed price contract (using completed contract method) 8610
- 2. Fixed price contract (using percentage of completion method) 8611
- 3. Cost plus contract 8612
- 4. **TOTAL** (Add lines 1 through 3)

2007	
Percentage (Report nearest whole percent)	
	%
	%
	%
1 0 0	%

C. 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

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.)

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

Name of person to contact regarding this report	Title

Telephone	Area code	Number		Extension	Fax	Area code	Number	
			-					-

Internet e-mail address	Date completed	Month	Day	Year

Thank you for completing your 2007 ECONOMIC CENSUS form.
PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.

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