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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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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	Glues and adhesives	325520 02			
2	Forgings	332110 00			
3	Primary metal mill shapes and forms, including castings (steel, aluminum, etc.)	331000 01			
4	Industrial chemicals (chemical reagents, calcium chloride, acidizing materials etc.) (excluding explosive materials, blasting accessories, and drilling fluids)	325000 74			
5	Unsupported plastics film and sheet, except packaging	326113 06			
6	Polyurethane packaging foam products	326150 20			
7	Fabricated plastics products (excluding gaskets, hoses, and belting)	326190 07			
8	Insulated primary metal wire and cable, including magnet wire	331000 70			
9	Electronic computer equipment	334110 01			
10	Computer peripheral equipment, including storage devices and terminals	334110 10			
	Fabricated metal products (excluding forgings)				
11	All other fabricated metal products	332000 11			
12	Parts, components, and subassemblies for telephone switching equipment	334210 11			

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33402082

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.	Mill.	Thou.
	0634	0630	0631		
13	Radio and television communication systems and equipment, including airborne transmitters and receivers (microwave, UHF, VHF, etc.)	334220 05			
14	Electronic connectors	334417 01			
15	Printed circuit assemblies, banded boards, and modules (printed circuit boards with inserted electronic components)	334418 01			
16	All other miscellaneous components and accessories for electronic circuitry, excluding tubes	334419 01			
17	Microwave components and devices except antenna, tubes, and semiconductors	334419 03			
18	Static power supplies for electronic applications	334419 04			
19	Relay and industrial controls	335314 08			
20	Fiber optic cable	335921 00			
21	Sheet metal products, including stampings	332000 88			
22	Powder metallurgy parts	332117 00			
23	Paper and paperboard containers	322200 05			
24	Plastics packaging film and sheet, including laminated	326112 05			
25	Wood boxes, pallets, skids, and containers	321920 01			
	Components for electronic circuitry, excluding tubes				
26	Printed circuit boards	334412 00			
27	Semiconductors, including transistors, diodes, rectifiers, and integrated circuits	334413 00			
28	Capacitors	334414 00			
29	Resistors	334415 00			
30	Electronic communication equipment	334220 01			
31	Electrical instrument mechanisms and meter movements (including instrument relays)	334515 01			
32	Current-carrying wiring devices	335931 01			
33	Insulated wire and cable (including magnet wire)	331000 A7			
34	Loud speakers, microphones, and tuners (all types)	334310 05			

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33402090

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		
35	Fractional horsepower electric motors (less than 1 hp)	335312 11			
36	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but excluding sheets, rods, tubes, and other shapes	325211 05			
	Fabricated metal products (excluding forgings)				
37	Bolts, nuts, screws, rivets, washers, and screw machine products	332722 03			
38	Other fabricated metal products	332000 33			
39	Castings (rough and semi finished)	331000 35			
	Shapes and forms (excluding castings, forgings, and fabricated metal products)				
40	Steel	331200 01			
41	All other nonferrous shapes and forms	331000 77			
42	Cabinets (wood, metal, and plastics) ↘	009700 99			
43	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.

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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

Contract Work - Report PRODUCTS MADE BY OTHERS FOR YOU FROM YOUR MATERIALS on the specific product lines as if they were made by you 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" for printed circuit (wiring) boards under Census code 9300031000, printed circuit assemblies, loaded boards, or modules under Census code 9300032000, and all other contract work receipts under Census code 9300014000.

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.

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		
1	Telephone switching and switchboard equipment (Corresponds to value of shipments on CIR M Q 334P, Telecommunications, 2007)*	334210 1100			
2	Carrier Line Equipment and Non-Consumer Modems (Corresponds to value of shipments on CIR M Q 334P, Telecommunications, 2007)*	334210 4100			
3	Data communications equipment, including LAN/WAN switches, routers, and other networking equipment (Corresponds to value of shipments on CIR M Q 334P, Telecommunications, 2007)*	334210 7210			
4	All other wireline voice and data networking equipment (Corresponds to value of shipments on CIR M Q 334P, Telecommunications, 2007)* (Specify kind.) ↴	334210 7410			
5	Broadcast, studio, and related electronic equipment (Corresponds to value of shipments on CIR M Q 334P, Telecommunications, 2007)*	334220 2100			
6	Wireless Networking Equipment (Corresponds to value of shipments on CIR M Q 334P, Telecommunications, 2007)*	334220 3100			
7	Radio Station Equipment (Corresponds to value of shipments on CIR M Q 334P, Telecommunications, 2007)*	334220 5100			
8	Communications signal testing and evaluation equipment (Corresponds to value of shipments on CIR M A 334T, Meters and Test Devices, 2007)*	334220 7100			
9	All other communications systems and equipment (Corresponds to value of shipments on CIR M Q 334P, Telecommunications, 2007)* (Specify kind.) ↴	334220 9100			
10	Alarm systems, including electric sirens and horns (Corresponds to value of shipments on CIR M Q 334P, Telecommunications, 2007)*	334290 1100			
11	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments (Corresponds to value of shipments on CIR M Q 334P, Telecommunications, 2007)*	334290 2100			
12	Intercommunications systems, including inductive paging systems (Corresponds to value of shipments on CIR M Q 334P, Telecommunications, 2007)*	334290 3100			
13	External modems, consumer	334418 4100			
14	Aeronautical, nautical, and navigational instruments, excluding aircraft engine instruments (Corresponds to value of shipments on CIR M A 334D, Defense, Navigational, and Aerospace Electronics, 2007)*	334511 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 (CIR)	Census product code	Products shipped and other receipts		
			Value, f.o.b. plant		
			\$ Bil.	M il.	Thou.
0734		0730	0731		
15	Search and detection, navigation and guidance systems and equipment (Corresponds to value of shipments on CIR MA334D, Selected Instruments and Related Products, 2007)*	334511 3100			
16	Semiconductors and related devices Integrated circuit packages Memory (Corresponds to value of shipments on CIR MA334Q, Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment, 2007)*	334413 1510			
17	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components) (Corresponds to value of shipments on CIR MA334Q, Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment, 2007)* (Report contract work receipts for work done by you for others on their own materials on lines 34 and 35.)	334418 B100			
18	All other miscellaneous transducers, including electrical-electronic input/output transducers (Corresponds to value of shipment on CIR MA334Q, Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment, 2007)* (Specify kind.) ↴	334419 4100			
19	All other miscellaneous electronic components (Corresponds to value of shipments on CIR MA334Q, Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment, 2007)* (Specify kind.) ↴	334419 E100			
20	Host computers, multiusers (mainframes, super computers, midrange servers, blade servers, UNIX servers, PC servers) (Corresponds to value of shipments on CIR MQ334R, Computers and Peripheral Equipment, 2007)*	334111 1100			
21	Single user computers, microprocessor-based, capable of supporting attached peripherals (personal computers, workstations, portable computers, smart handheld devices) (Corresponds to value of shipments on CIR MQ334R, Computers and Peripheral Equipment, 2007)*	334111 7100			
22	Computer peripheral (input/output) equipment and other miscellaneous equipment, excluding point of sale terminals, fund-transfer devices, parts, attachments, and accessories (Corresponds to value of shipments on CIR MQ334R, Computers and Peripheral Equipment, 2007)*	334119 1100			
23	Electronic trainers and simulators, teaching machines, and teaching aids, including kits (Corresponds to value of shipments on CIR MA334D, Defense, Navigational, and Aerospace Electronics, 2007)*	333319 7100			
24	Test equipment for testing electrical, radio and communication circuits, and motors (Corresponds to value of shipments on CIR MA334T, Meters and Test Devices, 2007)*	334515 3100			
25	Sighting, tracking, and fire-control equipment, optical-type (Corresponds to the value of shipments on CIR MA334D, Defense, Navigational, and Aerospace Electronics, 2007)*	333314 1100			
26	Aircraft engine instruments, excluding flight (Corresponds to value of shipments on CIR MA334D, Defense, Navigational, and Aerospace Electronics, 2007)*	334519 2100			

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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

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		
27	Commercial, geophysical, meteorological, and general purpose instruments and equipment, excluding medical thermometers (Corresponds to value of shipments on CR MA334T, Meters and Test Devices, 2007)*	334519 7100			
28	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			
29		26			
30		34			
31		42			
32		59			
33		67			
34	Contract receipts from manufacturing printed circuit (wiring) boards for others on their materials	930003 1000			
35	Contract receipts from manufacturing printed circuit assemblies, loaded boards, or modules for others on their materials	930003 2000			
36	All other receipts for work done for others on their materials (Specify products worked on and kind of work.) 7	930001 4000			
37	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			
38	Receipts for research and development	999804 1000			
39	Miscellaneous receipts Other miscellaneous receipts, including receipts for repair work, etc.	999809 8000			
40	TOTAL (Should equal 4, line A)	770000 0000			

22 - 24 Not Applicable.

33402132

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

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.

33402140