

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

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	Electronic computer and peripheral equipment and parts	334110 09			
2	Printed circuit assemblies, loaded boards, and modules (printed circuit boards with inserted electronic components)	334418 01			
	Components for electronic circuitry (excluding tubes)				
3	Printed circuit boards	334412 00			
4	Semiconductors (including transistors, diodes, rectifiers, and integrated circuits)	334413 00			
5	Capacitors	334414 00			
6	Resistors	334415 00			
7	Miscellaneous components and accessories for electronic circuitry (excluding tubes)	334419 01			
8	Miscellaneous electrical measuring instruments and parts	334515 04			
9	Primary metal mill shapes and forms (including castings) (steel, aluminum, etc.)	331000 01			
10	Sheet metal products (including stampings) (excluding enclosures)	332000 03			
11	Current-carrying wiring devices	335931 01			

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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	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		
12	Fabricated plastics products (excluding gaskets, hoses, and belting)	326190 07			
13	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. (excluding sheets, rods, tubes, and other shapes)	325211 05			
14	Liquid crystal display screens (LCD) (including LED)	334419 00			
15	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↴	009700 99			
16	TOTAL (Should equal total reported in 16 , line A1)	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 **2**. 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 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.

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.

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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		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
1	Instruments to measure electricity Electrical integrating instruments (<i>Corresponds to value of shipments on CIR MA334T, Meters and Test Devices, 2007</i>)*	334515 1100			
2	Test equipment for testing electrical, radio, and communication circuits, and motors (excluding portable instrument transformers) (<i>Corresponds to value of shipments on CIR MA334T, Meters and Test Devices, 2007</i>)*	334515 3100			
3	Other instruments to measure electricity (<i>Corresponds to value of shipments on CIR MA334T, Meters and Test Devices, 2007</i>)* (Specify kind.) ↴ 	334515 5100			
4	Analytical and scientific instruments (excluding optical) (<i>Corresponds to value of shipments on CIR MA334A, Electromedical Equipment and Analytical Instruments, 2007</i>)*	334516 0100			
5	Sighting, tracking, and fire-control equipment, optical-type (<i>Corresponds to the value of shipments on CIR MA334D, Defense, Navigational, and Aerospace Electronics, 2007</i>)*	333314 1100			
6	All other miscellaneous optical instruments and lenses (including binoculars and astronomical instruments) (<i>Corresponds to value of shipments on CIR MA334A, Electromedical Equipment and Analytical Instruments, 2007</i>)* (Specify kind.) ↴ 	333314 3500			
7	Fluid meters and counting devices Integrating and totalizing meters for gas and liquids (<i>Corresponds to value of shipments on CIR MA334T, Meters and Test Devices, 2007</i>)*	334514 1100			
8	Counting devices (excluding motor vehicle instruments) (<i>Corresponds to value of shipments on CIR MA334T, Meters and Test Devices, 2007</i>)*	334514 3100			
9	Motor vehicle instruments (excluding ammeters)	334514 5110			
10	Ammeters	334514 5115			
11	Measuring and controlling devices Commercial timing mechanisms, time stamp machines, clock movements and modules and chronometers	334518 0134			
12	Aircraft engine instruments (excluding flight) (<i>Corresponds to value of shipments on CIR MA334D, Defense, Navigational, and Aerospace Electronics, 2007</i>)*	334519 2100			
13	Physical properties testing and inspection equipment and kinematic testing and measuring equipment (<i>Corresponds to value of shipments on CIR MA334T, Meters and Test Devices, 2007</i>)*	334519 4100			
14	Nuclear radiation detection and monitoring instruments (<i>Corresponds to value of shipments on CIR MA334T, Meters and Test Devices, 2007</i>)*	334519 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		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
15	Measuring and controlling devices - Continued Commercial, geophysical, meteorological, and general-purpose instruments and equipment (excluding medical thermometers) (Corresponds to value of shipments on CIR MA334T, Meters and Test Devices, 2007)*	334519 7100			
16	Surveying and drafting instruments and apparatus (including photogrammetric equipment) (Corresponds to value of shipments on CIR MA334T, Meters and Test Devices, 2007)*	334519 9100			
17	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (excluding engine instruments) (Corresponds to value of shipments on CIR MA334D, Defense, Navigational, and Aerospace Electronics, 2007)*	334511 1100			
18	Search and detection and navigation and guidance systems and equipment (Corresponds to value of shipments on CIR MA334D, Defense, Navigational, and Aerospace Electronics, 2007)*	334511 3100			
19	Current-carrying switches for electrical circuitry (including vehicular switches) (Corresponds to value of shipments on CIR MA335K, Wiring Devices and Supplies, 2007)*	335931 5100			
20	Relays and industrial controls Automatic controls for monitoring residential and commercial environments and appliances (Corresponds to value of shipments on CIR MA334C, Control Instruments, 2007)*	334512 0100			
21	Process control instruments (Corresponds to value of shipments on CIR MA334C, Control Instruments, 2007)*	334513 0100			
22	Relays for electronic circuitry, industrial control overload, and switchgear type (Corresponds to value of shipments on CIR MA334C, Control Instruments, 2007)*	335314 1100			
23	Specific-purpose industrial controls (Corresponds to value of shipments on CIR MA334C, Control Instruments, 2007)*	335314 3100			
24	General-purpose industrial controls (Corresponds to value of shipments on CIR MA334C, Control Instruments, 2007)*	335314 6100			
25	Parts for industrial controls and motor-control accessories (Corresponds to value of shipments on CIR MA334C, Control Instruments, 2007)*	335314 7100			
26	Automatic valves (regulating and control type) and parts (excluding nuclear)	332911 F100			
27	Solenoid-operated valves and parts (excluding nuclear and fluid power transfer)	332911 H100			
28	Laboratory furniture (including parts sold separately)	339111 8120			
29	Laboratory freezers	339111 8252			

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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		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
30	Printed circuit (wiring) boards or assemblies (<i>Report contract work receipts for work done by you for others on their own materials on lines 53 and 54.</i>) Bare printed circuit (wiring) boards (<i>Corresponds to value of shipments on CIR MA334Q, Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment, 2007</i>)*	334412 0100			
31	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components) (<i>Corresponds to value of shipments on CIR MA334Q, Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment, 2007</i>)*	334418 B100			
32	Other electronic components Electronic coils, transformers, and other inductors (<i>Corresponds to value of shipments on CIR MA334Q, Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment, 2007</i>)*	334416 0100			
33	Crystals, filters, piezoelectric, and other related electronic devices (excluding microwave filters) (<i>Corresponds to value of shipments on CIR MA334Q, Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment, 2007</i>)*	334419 1100			
34	Transducers (<i>Corresponds to value of shipments on CIR MA334Q, Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment, 2007</i>)* (Specify kind.) ↴	334419 4100			
35	Switches for electronic circuitry, mechanical (<i>Corresponds to value of shipments on CIR MA334Q, Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment, 2007</i>)*	334419 7100			
36	Microwave components and devices (excluding antennae, tubes, and semiconductors) (<i>Corresponds to value of shipments on CIR MA334Q, Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment, 2007</i>)*	334419 A100			
37	Electronic teaching machines, teaching aids, trainers, and simulators (including kits)	333319 7100			
38	Wireless networking equipment (<i>Corresponds to value of shipments on CIR MQ334P, Telecommunications, 2007</i>)*	334220 3100			
39	Communications signal testing and evaluation equipment	334220 7100			
40	Irradiation (ionizing radiation) equipment (including X-ray, beta ray, gamma ray, and nuclear) (<i>Corresponds to value of shipments on CIR MA334A, Electromedical Equipment and Analytical Instruments, 2007</i>)*	334517 0100			
41	Electromedical equipment (including diagnostic, therapeutic, and patient monitoring equipment)(excluding ionizing radiation equipment) (<i>Corresponds to value of shipments on CIR MA334A, Electromedical Equipment and Analytical Instruments, 2007</i>)*	334510 1100			
42	Computer storage devices (excluding parts, attachments, and accessories) (<i>Corresponds to value of shipments on CIR, MQ334R, Computers and Peripheral Equipment, 2007</i>)*	334112 1100			
43	All other electronic computer manufacturing (<i>Corresponds to the value of shipments on CIR MQ334R, Computers and Peripheral Equipment, 2007</i>)* (Specify Kind.) ↴	334111 WYWY			

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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		
			Value, f.o.b. plant		
			\$ Bil.	Mil.	Thou.
0734		0730	0731		
44	Computer terminals (excluding point of sale and funds transfer devices) (Corresponds to value of shipments on CIR MQ334R, Computers and Peripheral Equipment, 2007)*	334113 1100			
45	All other miscellaneous computer peripheral (input/output) equipment (excluding parts, attachments, and accessories) (Corresponds to value on CIR MQ334R, Computers and Peripheral Equipment, 2007)* (Specify kind.) ↴	334119 1100			
46	In-vitro diagnostic substances (clinical chemistry) reagents, standards and controls (including toxicology, blood bank, coagulation, virology, serology, cytology, etc. products, and culture media)	325413 0700			
47	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			
48		26			
49		34			
50		42			
51		59			
52		67			
53	Contract work (Receipts for work done for others on their own materials) Printed circuit (wiring) boards	930003 1000			
54	Printed circuit assemblies, loaded boards or modules (printed circuit boards with inserted electronic components)	930003 2000			
55	All other receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴	930001 4000			
56	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.)	999890 0000			
57	Miscellaneous receipts Receipts for research and development	999804 1000			
58	Receipts for repair work	999806 1000			
59	Other miscellaneous receipts	999809 8000			
60	TOTAL (Should equal total reported in 5)	770000 0000			

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23-25 Not Applicable.

26 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

27-29 Not Applicable.

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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