

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

INFORMATION COPY  
 DO NOT USE TO REPORT

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		
	Components for electronic circuitry (excluding tubes)				
<b>1</b>	Printed circuit boards (without inserted components) . . . . .	334412 00			
<b>2</b>	Printed circuit assemblies, loaded boards, and modules (printed circuit boards with inserted electronic components) . . . . .	334418 01			
<b>3</b>	Semiconductors (including transistors, diodes, rectifiers, and integrated circuits) . . . . .	334413 00			
<b>4</b>	Capacitors . . . . .	334414 00			
<b>5</b>	Resistors . . . . .	334415 00			
<b>6</b>	Connectors . . . . .	334417 00			
<b>7</b>	Transducers, electrical or electronic input or output . . . . .	334419 05			
<b>8</b>	Power supply units (including battery packs) . . . . .	335000 88			

CONTINUE WITH **17** ON PAGE 12

CONTINUE ON PAGE 12

33401118



**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			
9	Current-carrying wiring devices . . . . .	335931 01				
10	Purchased software . . . . .	334611 00				
11	Purchased electronic computing and peripheral equipment for incorporation into complete finished product (See instructions for reporting of resale items.) Computers . . . . .	334111 01				
12	Storage devices . . . . .	334112 00				
13	Terminals . . . . .	334113 00				
14	Input devices (including keyboards, mouse devices, trackballs, etc.) . . . . .	334119 03				
15	Printers . . . . .	334119 05				
16	Other purchased electronic computing and peripheral equipment (Specify kind) ↴ <div style="background-color: white; border: 1px solid black; height: 20px; width: 100%;"></div>	334110 07				
17	Fractional horsepower electric motors and generators (less than 1 hp) (including timing motors) . . . . .	335312 29				
18	Integral horsepower electric motors and generators (1 hp or more)	335312 21				
19	Fluid power products, hydraulic and pneumatic (including pumps, valves, cylinders and rotary actuators, hose and tube fittings, and filters) . . . . .	330000 67				
20	Electrical transmission, distribution, and control equipment . . . . .	330000 63				
21	Other heat transfer equipment (refrigeration compressors, compressor units, condensing units, etc.) . . . . .	330000 61				
22	Insulated copper wire and cable (including magnet wire) . . . . .	331422 02				
23	Photographic and projection lenses and prisms . . . . .	333314 05				
24	Metal pipe, valves, and pipe fittings (excluding plumbers' and forgings) . . . . .	332900 01				

INFORMATION COPY  
DO NOT USE TO REPORT

33401126



CONTINUE WITH **17** ON PAGE 13

CONTINUE 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	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			
25	Iron and steel castings (rough and semifinished) . . . . .	331510 01				
26	Nonferrous (aluminum, copper, etc.) castings (rough and semifinished) . . . . .	331520 01				
27	Steel sheet and strip (including tin plate) . . . . .	331000 02				
28	Steel, aluminum, and other metal cast for enclosures . . . . .	332322 01				
29	Nonferrous shapes and forms (excluding castings, forgings, and fabricated metal products) . . . . .	331001 02				
30	All other steel shapes and forms . . . . .	331000 00				
	Fabricated metal products					
31	Sheet metal products (including stampings) (excluding enclosures) . . . . .	332000 03				
32	All other fabricated metal products (including forgings and castings) (excluding sheet metal products) . . . . .	332000 18				
33	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied products . . . . .	325510 02				
34	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. . . . .	325211 05				
35	Fabricated plastics products (including enclosures) . . . . .	326190 32				
36	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes . . . . .	326100 13				
	Packaging materials					
37	Paper and paperboard products (including paperboard boxes, containers, and corrugated paperboard) . . . . .	322000 01				
38	Wood boxes, pallets, skids, and containers (including combination wood and paperboard) . . . . .	321920 04				
39	Plastics packaging film and sheet (including laminated) . . . . .	326112 05				
40	Polyurethane packaging foam products . . . . .	326150 20				

INFORMATION COPY  
DO NOT USE TO REPORT

33401134



CONTINUE WITH 17 ON PAGE 14

CONTINUE ON PAGE 14

**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		
<b>41</b>	Cost of all other materials and components, parts, containers, and supplies consumed ( <i>Specify the principal materials, etc., included in this value.</i> ) 7	009700 99			
<b>42</b>	<b>TOTAL</b> ( <i>Should equal total reported in 16, line A1</i> ) . . . . .	771000 00			

INFORMATION COPY  
DO NOT USE TO REPORT

**18** Not Applicable.

**19** TYPE OF OPERATION

**A. Type of business (Mark "X" the ONE that best describes your principal kind of business.)**

**Manufacturer**

- 0620 494  Making computers or other peripheral equipment from components that you manufactured at this location or obtained from other units of your company
- 496  Assembling computers or other peripheral equipment from components that you purchased (including final assembly and testing of computers)
- 498  Other types of assembly/manufacturing operations (including providing extension, upgrades, expansions, printed circuit assembly manufacture, and similar operations) (*Describe in "Remarks" section of this form.*)

**Systems integrator**

- 500  Developing or modifying software and "bundling" software with computer equipment and/or peripheral equipment for computers to create an integrated system
- 502  Selling purchased computer hardware and software as an integrated system (including "in-house" or "in-company" systems integration sold to outside parties)
- 504  Other types of operations (including value-added resellers, third party vendors, and other types of system integrators) (including noncomputer) (*Describe in "Remarks" section of this form.*)

**Other type of business**

- 506  Buying and reselling products to other businesses and governments without arranging for further processing (including marketing of purchased computer software) (wholesaler or dealer)
- 508  Buying and reselling products primarily to individuals for personal use without arranging for further processing (including marketing of purchased computer software) (retailer)
- 510  Providing design and engineering services on a contract or fee basis (*Describe in "Remarks" section of this form.*)
- 512  Performing research and development for your own account (including "start-up operations")

CONTINUE WITH 19 ON PAGE 15

CONTINUE ON PAGE 15

33401142



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

**19** TYPE OF OPERATION - Continued

**Other type of business - Continued**

0620 514  Performing research and development on a contract basis for others

516  Other types of business (Describe in "Remarks" section of this form.)

**B. Operations performed (Mark "X" ALL that apply only if you reported 494-504 above.)**

518  Assembling and/or final testing of finished computers and/or peripheral equipment

520  Manufacturing printed circuit boards or assemblies, semiconductor devices, and other electronic components (including integrated microcircuit packages, etc.)

522  Performing system integration, value-added reselling, third-party vending, "in-house" or "in-company" systems integration selling, and other computer-related services

524  Custom computer programming

526  Packaged computer software design

528  Buying and selling products without arranging for further processing, either to other businesses and governments or to individuals for personal use

530  Performing other operations (Specify kind) ↴

0621

INFORMATION COPY  
DO NOT USE TO REPORT

**20 and 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.

**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, "Resales."

CONTINUE WITH **22** ON PAGE 16

33401159



**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			
<b>1</b>	Host computers, multi-user (mainframes, super computers, medium scale systems, UNIX servers, and PC servers)					
	Large-scale computer systems (including mainframes and super computers) . . . . .	334111 1101				
<b>2</b>	Servers (all) . . . . .	334111 1105				
<b>3</b>	Other host computers (Specify kind) ↴ [Redacted]					
		334111 1107				
<b>4</b>	Single user computers, microprocessor-based, capable of supporting attached peripherals (personal computers, workstations, and portable computers)					
	Personal computers . . . . .	334111 7107				
<b>5</b>	Workstations (microprocessor-based single-user systems distinguished from PCs by operating systems and relative-high performance) . . . . .	334111 7109				
<b>6</b>	Mobile computers (including notebooks, subnotebooks, laptops, and tablet PCs) . . . . .	334111 7127				
<b>7</b>	Smart handheld devices . . . . .	334111 7129				
<b>8</b>	All other single user computers (Specify kind) ↴ [Redacted]					
		334111 7130				
<b>9</b>	Other computers (array, analog, hybrid, and special-use computers) (Specify kind) ↴ [Redacted]					
		334111 D100				
<b>10</b>	Computer storage devices (excluding parts, attachments, and accessories)					
	Disk subsystems and disk arrays for multiuser computer systems . . . . .	334112 1109				
<b>11</b>	Disk drives (all sizes) . . . . .	334112 1112				
<b>12</b>	Storage area networks (SANs) . . . . .	334112 1123				

INFORMATION COPY  
DO NOT USE TO REPORT

33401167



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			
<b>13</b>	Computer storage devices (excluding parts, attachments, and accessories) - Continued					
	Tape drives (all sizes) . . . . .	334112 1138				
<b>14</b>	Other computer storage devices (Specify kind) ↘ [Redacted]	334112 1150				
<b>15</b>	Parts, attachments, and accessories for computer storage devices	334112 4100				
<b>16</b>	All other miscellaneous computer peripheral (input/output) equipment (excluding parts, attachments, and accessories)					
	Computer peripheral input devices (all types) . . . . .	334119 2101				
<b>17</b>	Optical scanning devices (bar codes, OCR equipment, and scanners) . . . . .	334119 2102				
<b>18</b>	Magnetic strip and ink recognition equipment . . . . .	334119 2103				
<b>19</b>	Impact and nonimpact printers (line type and serial type, laser and multifunction) . . . . .	334119 2104				
<b>20</b>	Computer monitors (all types) . . . . .	334119 2105				
<b>21</b>	Accessories for computer peripheral equipment . . . . .	334119 2106				
<b>22</b>	Parts, subassemblies, and accessories for computer peripheral equipment (excluding digital camera parts and accessories) . .	334119 5100				
<b>23</b>	Parts, subassemblies, and accessories for digital cameras . . .	334119 6100				
<b>24</b>	Digital cameras . . . . .	334119 3100				
<b>25</b>	All other computer peripheral equipment (Specify kind) ↘ [Redacted]	334119 2107				


INFORMATION COPY  
DO NOT USE TO REPORT

33401175



CONTINUE WITH **22** 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		
<b>26</b>	Computer terminals Computer terminals (excluding point-of-sale and funds-transfer devices, parts, attachments, and accessories) . . . . .	334113 1100			
<b>27</b>	Parts, attachments, and accessories for computer terminals (excluding point-of-sale and funds-transfer devices) . . . . .	334113 4100			
<b>28</b>	Point of sale terminals and fund-transfer devices . . . . .	334113 7100			
<b>29</b>	Parts and attachments for point of sale terminals and fund transfer devices . . . . .	334113 9100			
<b>30</b>	Electronic coils, transformers, and other inductors . . . . .	334416 0100			
<b>31</b>	Computer and peripheral printed board assemblies . . . . .	334418 B101			
<b>32</b>	Magnetic and optical recording media Magnetic recording media (including parts) . . . . .	334613 0802			
<b>33</b>	Optical disks . . . . .	334613 0801			
<b>34</b>	Software reproducing . . . . .	334611 0100			
<b>35</b>	Office machinery manufacturing Mailing, letter handling, and addressing machines (excluding parts and attachments) . . . . .	333313 2100			
<b>36</b>	Parts and attachments for office machines . . . . .	333313 8100			
<b>37</b>	Other office machinery (excluding parts and attachments) (Specify kind)  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 5px;"></div>	333313 6100			
<b>38</b>	Still picture equipment Still cameras (including hand-type cameras, process cameras for photoengraving and photolithography, and other still cameras) . . . . .	333315 1101			
<b>39</b>	Projectors (excluding rear screen viewers) . . . . .	333315 1206			

INFORMATION COPY  
DO NOT USE TO REPORT

33401183



CONTINUE WITH **22** ON PAGE 19



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			
<b>40</b>	Still picture equipment - Continued Still picture commercial-type processing equipment  Processing equipment for film . . . . .	333315 1311				
<b>41</b>	All other commercial-type processing equipment (including developing machines, motor-operated print washers and dryers, etc.) . . . . .	333315 1416				
<b>42</b>	Other still picture equipment, parts, attachments, and accessories (including photographic laser systems and equipment) (excluding projection screens) (Specify kind) ↴  	333315 1521				
<b>43</b>	Photocopying equipment (including diffusion transfer, dye transfer, electrostatic, light and heat sensitive types, etc.) . . . . .	333315 3100				
<b>44</b>	Motion picture equipment  Motion picture equipment, all sizes 8mm and greater (excluding projection screens and processing equipment) . . .	333315 9101				
<b>45</b>	Projection screens (for motion picture and/or still projection) .	333315 9206				
<b>46</b>	Motion picture processing equipment, all types (excluding motion picture still type equipment and interchangeable types)	333315 9311				
<b>47</b>	All other photographic and photocopying equipment (Specify kind) ↴  	333315 9401				
<b>48</b>	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				
<b>49</b>		26				
<b>50</b>		34				
<b>51</b>		42				

INFORMATION COPY  
DO NOT USE TO REPORT

33401191



CONTINUE WITH **22** ON PAGE 20

CONTINUE ON PAGE 20

**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		
<b>52</b>		59			
<b>53</b>		67			
<b>54</b>	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.)				
		999899 2000			
<b>55</b>	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (The cost of such items should be reported in <b>16</b> , line A2.)				
		999899 1000			
<b>56</b>	Miscellaneous receipts (including receipts for repair work, sales of scrap and refuse, etc.)				
		999899 9000			
<b>57</b>	<b>TOTAL</b> (Should equal total reported in <b>5</b> )	770000 0000			

INFORMATION COPY  
DO NOT USE TO REPORT

**23-25** Not Applicable.

33401209



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

**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**

INFORMATION COPY  
DO NOT USE TO REPORT

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

2012		
\$ Bil.	Mil.	Thou.

**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 **30**

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.

Please describe the product(s) being manufactured for others at this establishment. ↴

1020

**27-29** Not Applicable.

33401217

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.**

33401225

