

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

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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>1</b>	Shapes and forms (excluding castings, forgings, and fabricated metal products) Steel Bars, bar shapes, and plate . . . . .	331200 07			
<b>2</b>	All other steel shapes and forms . . . . .	331000 00			
<b>3</b>	Copper and copper-base alloy pipe and tube . . . . .	331421 35			
<b>4</b>	Aluminum and aluminum-base alloy sheet, plate, foil, and welded tubing . . . . .	331315 00			
<b>5</b>	Nonferrous metal shapes and forms . . . . .	331000 03			
<b>6</b>	Castings (rough and semifinished) Iron and steel . . . . .	331510 01			
<b>7</b>	Aluminum and aluminum-base alloy . . . . .	331520 05			

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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		
<b>8</b>	Fabricated metal products (excluding forgings)				
	Pipes, valves, and pipe fittings . . . . .	332919 01			
<b>9</b>	Bolts, nuts, screws, rivets, washers, and screw machine products . . . . .	332722 03			
<b>10</b>	Automotive stampings (including body parts, hubcaps, and rims, etc.) . . . . .	336370 00			
<b>11</b>	Other metal stampings . . . . .	332000 63			
<b>12</b>	Metal hardware (including hinges, handles, locks, casters, etc.)	332510 05			
<b>13</b>	All other fabricated metal products (including forgings) . . . . .	332000 15			
	Electric motors and generators				
<b>14</b>	Fractional horsepower (less than 1 hp) (including timing motors) . . . . .	335312 29			
<b>15</b>	Integral horsepower (1 hp or more) . . . . .	335312 21			
<b>16</b>	Engine electrical equipment (including spark plugs, magnetos, generators, starters, etc.) . . . . .	336322 00			
<b>17</b>	Other engine equipment (including turbochargers, injection fuel pumps, machined engine blocks, etc.) . . . . .	333618 19			
<b>18</b>	Insulated primary metal wire and cable (including magnet wire) .	331000 70			
<b>19</b>	Electric lamp bulbs . . . . .	335110 01			
<b>20</b>	Electrical transmission, distribution, and control equipment . . . .	330000 63			
<b>21</b>	Automatic temperature controls (thermostats, regulators, etc.) . .	334512 00			
<b>22</b>	Other heat transfer equipment (refrigeration compressors, compressor units, condensing units, etc.) . . . . .	330000 61			

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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		
<b>23</b>	Components for electronic circuitry Semiconductors (including transistors, diodes, rectifiers, and integrated circuits) . . . . .	334413 00			
<b>24</b>	Current-carrying wiring devices . . . . .	335931 01			
<b>25</b>	Printed circuit boards (without inserted components) . . . . .	334412 00			
<b>26</b>	All other miscellaneous components and accessories for electronic circuitry (excluding tubes) . . . . .	334419 01			
<b>27</b>	Antifriction bearing components and parts (balls, rollers, cages, collars, races, etc.) All other antifriction bearing components and parts . . . . .	332991 01			
<b>28</b>	Ball and roller bearings (mounted or unmounted) . . . . .	332991 09			
<b>29</b>	Rubber and plastics hose and belting . . . . .	326220 01			
<b>30</b>	Fabricated rubber products (excluding tires and gaskets) . . . . .	326200 05			
<b>31</b>	Plastics products (including parts, handles, and grips, etc.) (including film, sheet, rod, tube, fabricated shapes) . . . . .	326100 03			
<b>32</b>	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. (excluding sheets, rods, tubes, and other shapes) . . . . .	325211 05			
<b>33</b>	Gaskets (all types) and packing and sealing devices (including asbestos packing) . . . . .	339991 05			
<b>34</b>	All other chemicals and allied products . . . . .	325000 48			
<b>35</b>	Fluid power products, hydraulic and pneumatic (including pumps, valves, cylinders and rotary actuators, hose and tube fittings, and filters) . . . . .	330000 67			
<b>36</b>	Core parts purchased for use in remanufacturing or rebuilding . . . . .	009998 26			
<b>37</b>	Paperboard containers, boxes, and corrugated paperboard . . . . .	322210 01			

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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		
<b>38</b>	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			
<b>39</b>	<b>TOTAL</b> ( <i>Should equal total reported in 16, line A1</i> ) . . . . .	771000 00			

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**18-21** Not Applicable.

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

**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 200.

**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, "Resale."

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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>	Vehicular lighting equipment (including parts and accessories) Automobile and truck lighting equipment, headlights (excluding emergency vehicle lighting, parts, and accessories for autos and trucks) . . . . .	336321 0105				
<b>2</b>	Emergency vehicle lighting, parts, and accessories (autos and trucks) . . . . .	336321 0106				
<b>3</b>	All other vehicular lighting equipment (including aircraft, boat, ship, locomotive, and other types of vehicular lighting fixture manufacturing) ( <i>Specify kind</i> ) ↴ <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	336321 0107				
<b>4</b>	Motor vehicle electrical and electronic equipment Ignition harness and cable sets Ignition harness sets Automotive-type . . . . .	336322 1101				
<b>5</b>	Other ignition harness sets (including tractor, stationary engine, and aircraft) ( <i>Specify kind</i> ) ↴ <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	336322 1104				

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CONTINUE WITH 22 ON PAGE 16

**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>6</b>	Motor vehicle electrical and electronic equipment - Continued Ignition harness and cable sets - Continued Cable sets					
	Automotive-type . . . . .	336322 1201				
<b>7</b>	Aircraft and other types ( <i>Specify kind</i> ) ↴ [Redacted]	336322 1204				
	Battery charging alternators, generators, and regulators Battery charging alternators and generators for internal combustion engines					
<b>8</b>	New, automotive types . . . . .	336322 3101				
<b>9</b>	Rebuilt, all types . . . . .	336322 3201				
<b>10</b>	All other new battery charging alternators and generators for internal combustion engines ( <i>Specify kind</i> ) ↴ [Redacted]	336322 3104				
	Regulators for battery charging alternators and generators (new and rebuilt) . . . . .	336322 3204				
<b>12</b>	Starting (engine cranking) motors					
	New, all types (including automotive) . . . . .	336322 5103				
<b>13</b>	Rebuilt, all types . . . . .	336322 5201				
<b>14</b>	Spark plugs, all types . . . . .	336322 7100				

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
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**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>15</b>	Motor vehicle electrical and electronic equipment - Continued Other complete electrical and electronic equipment for internal combustion engines					
	Ignition coils, all types . . . . .	336322 9101				
<b>16</b>	Distributors, all types . . . . .	336322 9301				
<b>17</b>	All other types of electrical and electronic equipment for internal combustion engines (including complete ignition equipment, magnetos, magneto-dynamos, and magnetic flywheels) (Specify kind) 					
		336322 9306				
<b>18</b>	Electronic systems for complete engine control, using computers or microprocessors . . . . .	336322 9201				
<b>19</b>	Parts for engine electrical and/or electronic equipment Armatures, field coils, and drive-end housings for cranking motors . . . . .	336322 A101				
<b>20</b>	Armatures and field coils for alternators and generators . . . . .	336322 A204				
<b>21</b>	Ignition distributor heads and rotors . . . . .	336322 A307				
<b>22</b>	Other parts for engine electrical and/or electronic equipment (including ignition distributor breaker point sets and condensers-capacitors) (Specify kind) 					
		336322 A701				
<b>23</b>	Other electrical and electronic equipment (excluding engine) Windshield washer-wiper mechanisms, new (including washer pumps) . . . . .	336322 D111				
<b>24</b>	Other motor vehicle heaters and other heater parts, new (including vehicle block and battery heaters) . . . . .	336322 D116				
<b>25</b>	Permanent defrosters, new . . . . .	336322 D104				
<b>26</b>	Cruise control units, new . . . . .	336322 D102				
<b>27</b>	Instrument board assemblies, new . . . . .	336322 D121				

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**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>28</b>	Motor vehicle electrical and electronic equipment - Continued Other electrical and electronic equipment (excluding engine) - Continued Wiring harness sets, new (excluding ignition) . . . . .	336322 D107				
<b>29</b>	Electronic control modular chips for motor vehicles . . . . .	336322 D119				
<b>30</b>	Other new motor vehicle electrical and electronic equipment (excluding engine electrical equipment) (Specify kind) ↴ [Redacted]	336322 D122				
<b>31</b>	Other rebuilt electrical equipment (including cruise control and windshield washer-wiper units) (excluding engine electrical equipment) (Specify kind) ↴ [Redacted]	336322 D128				
<b>32</b>	Residential-type electric lighting fixtures (including parts and accessories; excluding portable) . . . . .	335121 1100				
<b>33</b>	Commercial and institutional-type electric lighting fixtures (including parts and accessories) . . . . .	335122 1100				
<b>34</b>	Industrial-type electric lighting fixtures (including parts and accessories) . . . . .	335122 2100				
<b>35</b>	Outdoor lighting equipment (including parts and accessories) . . .	335129 1100				
<b>36</b>	Other electric and nonelectric lighting equipment (including hand portable equipment and parts and accessories) Electric lighting equipment (including parts) Incandescent hand portable lighting equipment (including rechargeable battery-operated, flashlights, flashlight lanterns, emergency warning lights, and generator flashlights) . . . . .	335129 4107				
<b>37</b>	Parts and accessories for all other miscellaneous electric lighting fixtures . . . . .	335129 4124				
<b>38</b>	Other incandescent electric lighting equipment (including marine markers and beacons) (Specify kind) ↴ [Redacted]	335129 4116				

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**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			
39	Other electric and nonelectric lighting equipment (including hand portable equipment and parts and accessories) - Continued Electric lighting equipment (including parts) - Continued  Other fluorescent lighting equipment, complete units (including processing and technical equipment) ( <i>Specify kind</i> ) ↴ [Redacted]	335129 4118				
	Other electric lighting equipment (including mercury and sodium vapor, and ultraviolet and infrared heat lamp fixtures; excluding street and highway lighting equipment and signs) ( <i>Specify kind</i> ) ↴ [Redacted]					
40		335129 4122				
41	Nonelectric lighting equipment (including parts) Fixtures and equipment, complete units (including lamps and lanterns using kerosene, gasoline, propane, butane, etc., and carbide lamps of all types) ( <i>Specify kind</i> ) ↴ [Redacted]	335129 4126				
	Parts and accessories for nonelectric lighting equipment (including reflectors and fitting, incandescent mantles, etc.) ( <i>Specify kind</i> ) ↴ [Redacted]					
42		335129 4131				
43	Automotive mirrors (decorated and undecorated), made from purchased glass . . . . .	327215 9131				
44	Electric lamp bulbs and tubes (including sealed beam lamp bulbs)	335110 1100				
45	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 pre-listed products and services. For all remaining products, write "Other" and report a single total value.</i> ) [Redacted]	18				
	[Redacted]	26				
	[Redacted]	34				
46						
47						

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**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>48</b>		42				
<b>49</b>		59				
<b>50</b>		67				
<b>51</b>	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.)					
		999899 2000				
<b>52</b>	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (The cost of such items should be reported in <b>19</b> , line A2.)					
		999899 1000				
<b>53</b>	Miscellaneous receipts					
	Truck equipment distribution (merchant wholesale distribution)	999899 9024				
<b>54</b>	Receipts for research and development	999899 9021				
<b>55</b>	Repair or customization of trucks, vans, and passenger cars	999899 9033				
<b>56</b>	Custom repair shop rewinding of armatures or repairing electric motors	999899 9038				
<b>57</b>	Sales of scrap and refuse	999899 9003				
<b>58</b>	Other miscellaneous receipts	999899 9091				
<b>59</b>	<b>TOTAL</b> (Should equal total reported in <b>5</b> )	770000 0000				

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**23-25** Not Applicable.

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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**

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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.

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

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**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.**

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