

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

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**Contract Work -**

**a. MATERIALS OWNED BY THIS ESTABLISHMENT AND PROCESSED ON A CONTRACT BASIS BY ANOTHER ESTABLISHMENT** - If you own oils which were processed for you on a contract basis at other locations, do not include any data for such processing in this report (specifically **15**, **16**, and **22**).

**b. MATERIALS RECEIVED FROM OTHERS FOR PROCESSING ON A CONTRACT BASIS** - If you received oils from others for processing on a contract basis, report the nearest approximation to their commercial cost value in **15**, line A5 and **16**. Report the estimated value of these products, f.o.b. plant, in **22**.

**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."

**Special Instructions -**

Include on lines 1 through 12 only those quantities of materials which you purchased or received from sources other than petroleum refineries or lube manufacturers.

Quantities and cost of materials received from petroleum refineries or lube manufacturers should be included on line 17.

Line No.	Materials, parts, and supplies	Census material code	Unit of measure for quantities	Consumption of purchased materials and of materials received from other establishments of your company				
				Quantity	Cost, including delivery cost (freight-in)			
					\$ Bil.	Mil.	Thou.	
0634		0630	0636	0632	0631			
<b>1</b>	Crude petroleum							
	Domestic, including lease condensate	211111 02						
	Foreign, including lease condensate	009998 30						
	Foreign unfinished oils (received from foreign countries for further processing)	009998 27						
<b>4</b>	Coal used in the production of coke . . .	212110 01	short tons					

CONTINUE WITH **17** ON PAGE 12

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**17** DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES - Continued

Line No.	Materials, parts, and supplies	Census material code	Unit of measure for quantities	Consumption of purchased materials and of materials received from other establishments of your company				
				Quantity	Cost, including delivery cost (freight-in)			
					\$ Bil.	Mil.	Thou.	
0634		0630	0636	0632	0631			
5	Natural gas liquids							
	Butane, at least 80 percent purity (C <sub>4</sub> )	211112 03						
6	Natural gas, natural gasoline, and isopentane . . . . .	211110 02						
7	Other natural gas liquids, including plant condensate ( <i>Specify kind</i> ) <u>7</u> [Redacted]	211112 04						
8	Toluene and xylene (100 percent basis) . . . . .	320000 14	1000 bbl					
9	Additives, excluding animal and vegetable oils . . . . .	325998 18						
10	Fats and oils, all types, purchased . . . . .	311000 12	1000 lb					
11	Sodium hydroxide (caustic soda)(100 percent NaOH) . . . . .	325181 07	short tons					
12	Sulfuric acid (100 percent H <sub>2</sub> SO <sub>4</sub> ), excluding spent . . . . .	325188 05						
13	Chemical catalytic preparations . . . . .	325188 25						
	Containers							
14	Plastics . . . . .	326199 29						
15	Metal . . . . .	332400 00						
16	Paper and paperboard containers . . . . .	322200 05						
17	Cost of materials received from petroleum refineries and lube manufacturers . . . . .	324100 07						

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**17** DETAILED COST OF MATERIALS, PARTS, AND SUPPLIES - Continued

Line No.	Materials, parts, and supplies	Census material code	Unit of measure for quantities	Consumption of purchased materials and of materials received from other establishments of your company				
				Quantity	Cost, including delivery cost (freight-in)			
					\$ Bil.	Mil.	Thou.	
0634		0630	0636	0632	0631			
<b>18</b>	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↴	009700 99						
<b>19</b>	<b>TOTAL</b> (Should equal total reported in <b>16</b> , line A1) . . . . .	771000 00						

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**18** Not Applicable.

**19** TYPE OF OPERATION  
(Mark "X" ALL that apply.)

**Method of operation of this establishment during 2012**

- 0620 476  Petroleum refining
- 478  Producing petrochemicals from feedstocks purchased or transferred from other establishments. (Petrochemical products are shown in **22**, lines 19-22.)
- 480  Blending and compounding lubricants, other than in refineries
- 482  Re-refining or reclaiming used oils by a distillation process
- 484  Operating natural gasoline, cycle condensate, or natural gas liquids fractioning plant
- 486  Other types of operation (such as producing packaged fuel, fuel briquettes, etc.) (Specify kind) ↴

**20 and 21** Not Applicable.

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**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.

Include in this section any material received, processed, or shipped from this establishment for the account of other establishments. Include also as shipments oils produced at this establishment and transferred to other establishments. However, do not include as shipments the oils produced for this establishment at another establishment.

See "Supplemental Instructions" for products to be included on specific product lines.

**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** -

**MATERIALS OWNED BY THIS ESTABLISHMENT AND PROCESSED ON A CONTRACT BASIS BY ANOTHER ESTABLISHMENT** - If you own oils which were processed for you on a contract basis at other locations, do not include any data for such processing in this report (specifically use **15 29**).

**MATERIALS RECEIVED FROM OTHERS FOR PROCESSING ON A CONTRACT BASIS** - If you received oils from others for processing on a contract basis, report the nearest approximation to their commercial cost value in **15** and **16**. Report the estimated value of these products, f.o.b. plant, in **22**.

**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."

**Manufacturing Activities to be Included** - Separate reports should be prepared for each petroleum refinery, including associated lube, wax, asphalt, etc., departments, and each plant primarily engaged in blending or compounding lubricants or in re-refining or reclaiming used oils. Include activities of topping plants. Do not include nonmanufacturing activities, such as oil- and gas-well operations, activities of natural-gasoline, cycle-condensate, or natural-gas liquids fractionating plants, transportation by pipelines or other methods, bulk stations, distributing terminals, filling stations, etc.

**Special Reporting Instructions and Definitions** -

For items which there may be some doubt, the following statements may be helpful in indicating the lines on which they should be reported -

Lines 1 through 4 - Include all finished gasolines, finished base stocks, and blending agents, such as: alkylate, polymers (dimer, codimer, etc.), hydropolymers (hydrodimer, hydrocodimer, etc.), cumene, isopentane, isohexane, neohexane, isoheptane, iso-octane, motor benzol (Benzene), and other blending agents derived from petroleum (exclude natural gasoline).

Line 6 - Include range oil, signal oil, mineral seal oil, mineral colza oil, long-time burning oil, 300-degree oil, and insecticide base.

Lines 12 and 14 - Include greases for aviation, automotive, industrial, and railroad uses; launching grease; and cutting, drawing, and grinding compounds and paste. Also include paste rust-preventive compounds and thread compounds.

Line 15 - Include such products as cracking stock, naphtha stocks, slops, wax distillate, and other unfinished petroleum oils. Also, include light, medium neutral, heavy neutral, and residual stocks.

Line 16 - Include flux for paving, roofing, waterproofing, mastic, and other purposes; cutback asphalt; emulsified asphalt and fluxes; and other liquid asphaltic products except road oil and fuel oil used for heating purposes.

Lines 17 through 20 - Include ethane, propane, butane, butene, propane-butane mixtures, propadiene, pentane, butadiene, and other liquefied hydrocarbon gases.

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Line No.	Products and services	Census product code	Unit of measure for quantities	Products shipped and other receipts				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
<b>1</b>	Gasoline, including finished stocks and blending agents		↑ 1000 bbl ↓					
	Aviation gasoline, excluding jet fuel	324110 1111						

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

Line No.	Products and services	Census product code	Unit of measure for quantities	Products shipped and other receipts				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
	Gasoline, including finished stocks and blending agents - Continued							
	Motor gasoline							
<b>2</b>	Regular grade . . . . .	324110 1122	↑ 1000 bbl ↓					
<b>3</b>	Mid-premium grade . . . . .	324110 1123						
<b>4</b>	Premium grade . . . . .	324110 1124						
<b>5</b>	Jet fuel, all types . . . . .	324110 4100						
<b>6</b>	Kerosene, excluding jet fuel . . . . .	324110 7100						
	Light fuel oils							
<b>7</b>	Distillate light fuel oil, including grades No. 1, 2, light diesel-type, light gas-enrichment oils, etc. . . . .	324110 A111						
<b>8</b>	No. 4 type light fuel oil . . . . .	324110 A121						
	Heavy fuel oils							
<b>9</b>	Grades No. 5, 6, heavy diesel-type, heavy gas-enrichment oils, etc. . . . .	324110 D105	↑ 1000 bbl ↓					
<b>10</b>	Bio-diesel fuels made by refining petroleum and blending with vegetable-based bio-diesel . . . . .	324110 D106						
	Lubricating oils and greases							
	Made in a refinery							
<b>11</b>	Lubricating oils, including hydraulic fluids, quenching and cutting oils, transformer oils, liquid rust preventives, etc. . . . .	324110 G111						
<b>12</b>	Lubricating greases . . . . .	324110 G121						
	Made from purchased refinery products							
<b>13</b>	Lubricating oils, including hydraulic fluids, quenching and cutting oils, transformer oils, liquid rust preventives, etc. . . . .	324191 0111						
<b>14</b>	Lubricating greases . . . . .	324191 0121						

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22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued							
Line No.	Products and services	Census product code	Unit of measure for quantities	Products shipped and other receipts			
				Quantity	Value, f.o.b. plant		
					\$ Bil.	Mil.	Thou.
0734		0730	0736	0732	0731		
15	Unfinished oils and lubricating oil base stock	324110 J100	1000 bbl				
16	Asphalt	324110 M100					
17	Liquefied refinery gases, including aliphatics Made in a refinery For use as a chemical raw material	324110 1111					
18	For other uses (Specify kind) ↴ [Redacted]	324110 P121					
19	Made in petrochemical plants For use as a chemical raw material	325110 4111					
20	For other uses (Specify kind) ↴ [Redacted]	325110 4121					
21	Aromatics, including benzene, toluene, xylene, etc., made in petrochemical plants For use as a chemical raw material	325110 1111					
22	Aromatics, including benzene, toluene, xylene, etc., made from purchased refinery products For other uses (Specify kind) ↴ [Redacted]	325110 1121					
23	Other finished petroleum products, including waxes, made in a refinery Petrolatum	324110 T111					
24	Petroleum coke	324110 T121					
25	Calcined petroleum coke, made in a refinery	324110 T131					
26	Road oil, made in a refinery	324110 T141					

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

Line No.	Products and services	Census product code	Unit of measure for quantities	Products shipped and other receipts			
				Quantity	Value, f.o.b. plant		
					\$ Bil.	Mil.	Thou.
				0731			
	0734	0730	0736	0732			
	Other finished petroleum products, including waxes, made in a refinery - Continued						
27	Still gas (refinery gas) . . . . .	324110 T151					
28	Special petroleum naphthas . . . . .	324110 T161					
	Aromatics, including benzene, toluene, xylene, etc., made in a refinery						
29	For use as a chemical raw material	324110 T171					
	For other uses (Specify kind) ↴						
30		324110 T181					
	Waxes, made in a refinery						
31	Microcrystalline . . . . .	324110 T191					
	Crystalline						
32	Fully refined . . . . .	324110 T1A1					
	Other crystalline waxes made in a refinery (Specify kind) ↴						
33		324110 T1B1					
	Other finished petroleum products made in a refinery (Specify kind) ↴						
34		324110 T1C1					
	Coke oven products, made in coke oven establishments						
35	Coke, excluding screenings and breeze . . . . .	324199 1111					
36	Screenings and breeze . . . . .	324199 1121					
37	Crude tar . . . . .	324199 1131					

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22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued							
Line No.	Products and services	Census product code	Unit of measure for quantities	Products shipped and other receipts			
				Quantity	Value, f.o.b. plant		
					\$ Bil.	Mil.	Thou.
0734		0730	0736	0732	0731		
	Coke oven products, made in coke oven establishments - Continued						
38	Crude light oil . . . . .	324199 1141					
39	Other coke oven products, including tar derivatives, ammonia, light oil derivations, and coke oven gas (Specify kind) ↴  	324199 1151					
	Petroleum and coal products						
40	Crystalline waxes, made from refined petroleum . . . . .	324199 2221					
41	Microcrystalline waxes, made from refined petroleum . . . . .	324199 2211					
42	Calcined petroleum coke, made from purchased refinery products . . . . .	324199 2131					
43	Bio-diesel fuels made from blending purchased petroleum with vegetable-based bio-diesel . . . . .	324199 2231					
44	All other petroleum and coal products, including packaged fuel and fuel briquettes, made in coke oven establishments (Specify kind) ↴  	324199 2251					
45	Cyclic (coal tar) intermediates . . . . .	325192 1100					
46	Other synthetic organic chemicals (Specify kind) ↴  	325199 R100					
47	Miscellaneous end use chemicals and chemical products, excluding urea . . . . .	325199 T100					
48	Surfactants (bulk surface active agents) . . . . .	325613 0241					
49	Sulfuric acid . . . . .	325188 1100					
50	Chemical catalytic preparations, excluding silica gel catalyst . . . . .	325188 D100					

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

Line No.	Products and services	Census product code	Unit of measure for quantities	Products shipped and other receipts				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
	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.)							
51		18						
52		26						
53		34						
54		42						
55		59						
56		67						
	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.)							
57		999899 2000						
	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.)							
58		999899 1000						
	Miscellaneous receipts, including receipts for repair work, sales of scrap and refuse, etc.							
59		999899 9000						
60	<b>TOTAL</b> (Should equal total reported in 5)	770000 0000						

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**23-25** Not Applicable.

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**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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		2012		
		\$ Bil.	Mil.	Thou.
2.	Report the costs incurred by this establishment for contract manufacturing purchases in 2012 . . . . .	1013		
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		

**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**

		2012		
		\$ Bil.	Mil.	Thou.
2.	Report the value of sales, shipments, receipts, or revenue generated in 2012 from contract manufacturing performed at this location for others ( <b>regardless of materials ownership and based on specifications provided by the contracting company</b> ) . . . . .	1019		

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

Telephone

Area code	Number	Extension
<input type="text"/>	<input type="text"/>	<input type="text"/>

Fax

Area code	Number
<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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