

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

Produced and Consumed - Industrial Chemicals - Report the quantities produced and used in manufacturing other products made in this establishment in **16**. Note that the materials used to produce these items should be reported in **22**.

INFORMATION COPY
DO NOT USE TO REPORT

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			
1	Carbon black feedstock	324110 23						
2	Coke (including breeze) used as a raw material	324199 03						
3	Natural gas used as a raw material . . .	211110 13	mil ft ³					
4	Ethylene used as a raw material or feedstock	324110 33						
5	Copper and copper-base alloy scrap (excluding home scrap)	330000 46	short tons					
6	Crude materials Iron and ferroalloy ores (including tungsten, chromite, manganese, molybdenum, and cobalt)	212200 21						
7	Nonferrous metal ores (including copper, mercury, vanadium, titanium, platinum, etc.)	212200 23						

32507113



CONTINUE WITH **17** ON PAGE 12

CONTINUE ON PAGE 12

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			
	Crude materials - Continued							
8	Bauxite	221200 20	↑ short tons ↓					
9	Sulfur	212393 03	long tons					
10	Other crude chemical nonmetallic minerals (including barite, borate, potash, fluorspar, rock salt, etc.) (Specify kind) ↴ 	212390 01						
11	Acids (excluding spent acids)							
	Sulfuric acid (100 percent H ₂ SO ₄) . . .	325188 05						
12	Phosphoric acid (100 percent P ₂ O ₅) . .	325312 01	↑					
13	Chlorine (100 percent Cl)	325181 03	↑ short tons ↓					
14	Sodium hydroxide (100 percent NaOH) (caustic soda)	325181 07						
15	Sodium carbonate (soda ash) (58 percent Na ₂ O)	325181 04						
16	Ammonium nitrate (100 percent NH ₄ NO ₃)	325311 05	short tons					
17	Salt in brine	001900 31						
18	Oxygen (including high and low purity) (liquid oxygen should be converted to its gaseous equivalent)	325120 03						
19	Acetylene and other industrial gases (compressed and liquefied) (including argon, carbon dioxide, nitrogen, nitrous oxide, etc.)	325120 01						
20	Other industrial inorganic chemicals (Specify kind) ↴ 	325100 72						
21	Synthetic organic chemicals	325100 91						

INFORMATION COPY
DO NOT USE TO REPORT

32507121



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	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			
22	Parts and attachments for machinery and equipment	333000 15						
23	Containers Paperboard containers, boxes, and corrugated paperboard	2211 01						
24	Metal	3124 00 00						
25	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↘	009700 99						
26	TOTAL (Should equal total reported in 16, line A1)	771000 00						

INFORMATION COPY
DO NOT USE TO REPORT

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 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 14

CONTINUE ON PAGE 14

32507139



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.	
		0730	0736	0732	0731			
1	Alkalies and chlorine							
	Chlorine, compressed or liquefied . . .	325181 1100						
2	Sodium hydroxide (caustic soda)	325181 4100						
3	Potassium hydroxide (caustic potash) liquid (including liquid later converted to dry or solid) (Basis - 88-92%, KOH)	325181 7111						
4	Finished sodium bicarbonate (Basis - 100%, NaHCO ₃)	325181 7131						
5	All other alkalies (<i>Specify kind</i>) ↴ [Redacted]	325181 7135						
6	Carbon black, all processes	325182 0100	short tons					
7	Sulfuric acid	325188 1100						
8	Phosphoric acid	325312 1100						
9	Inorganic acids (excluding nitric, sulfuric, and phosphoric) Hydrochloric acid (including anhydrous) from chlorine and hydrogen (Basis - 100%, HCl)	325188 4125						
10	Hydrochloric acid (including anhydrous) byproduct and other (including from salt and acid) (Basis - 100%, HCl)	325188 4131						
11	Hydrocyanic acid (including anhydrous) (Basis - 100%, HCN)	325188 4141						
12	All other inorganic acids (excluding nitric, sulfuric, and phosphoric) (<i>Specify kind</i>) ↴ [Redacted]	325188 4151						
13	Aluminum oxide (excluding natural alumina)	331311 0100						

INFORMATION COPY
DO NOT USE TO REPORT

32507147



CONTINUE WITH **22** ON PAGE 15

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	Unit of measure for quantities	Products shipped and other receipts			
				Quantity	Value, f.o.b. plant		
					\$ Bil.	Mil.	Thou.
0734		0730	0736	0732	0731		
	Other inorganic aluminum compounds						
14	Aluminum chloride, anhydrous (Basis - 100%, AlCl ₃)	325188 7121					
15	Aluminum hydroxide, trihydrate (Basis - 100%, Al ₂ O ₃ 3H ₂ O)	325188 7131					
16	Aluminum sulfate, commercial (Basis - 17%, Al ₂ O ₃)	325188 7151					
17	Aluminum sulfate, iron-free (Basis - 17%, Al ₂ O ₃)	325188 7161					
18	Aluminates (sodium aluminate, potassium aluminate, etc.) (Basis - 100%, by weight)	325188 7171					
19	All other inorganic aluminum compounds (<i>Specify kind</i>) ↴						
		325188 7181					
	Potassium and sodium compounds (excluding bleaches, alkalis, and alum)						
20	Tetrapotassium pyrophosphate (Basis - 100%, K ₄ P ₂ O ₇)	325188 A117					
21	Sodium chlorate (Basis - 100%, NaClO ₃)	325188 A141					
22	Sodium phosphate, dibasic (Basis - 100%, Na ₂ HPO ₄)	325188 A157					
23	Sodium phosphate, meta (Basis - 100%, NaPO ₃)	325188 A167					
24	Sodium phosphate, acid pyro (Basis - 100%, Na ₂ H ₂ P ₂ O ₇)	325188 A171					
25	Other sodium phosphates (including mono- and tribasic)	325188 A177					
26	Soluble silicate glass (water glass, solid and liquid) (Basis-Anhydrous)	325188 A181					
27	Sodium sulfate, high purity (more than 99%, Na ₂ SO ₄) (Basis - 100%, Na ₂ SO ₄)	325188 A1A1					

INFORMATION COPY
DO NOT USE TO REPORT

32507154



CONTINUE WITH 22 ON PAGE 16

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			
28	Potassium and sodium compounds (excluding bleaches, alkalies, and alum) - Continued							
	Sodium sulfite (Basis - 100%, Na ₂ SO ₃)	325188 A1A7						
29	All other potassium and sodium compounds (excluding bleaches, alkalies, and alum) (Specify kind) ↴							
		325188 A1A7						
30	Chemical catalytic preparations (excluding silica gel catalyst)	325188 A1A7						
31	All other inorganic chemicals (Specify kind) ↴							
		325188 H100						
32	All other basic organic chemicals Synthetic organic alcohols, unmixed							
	Methanol (methyl alcohol)	325199 G110						
33	Isopropyl alcohol	325199 G120						
34	Other synthetic organic alcohols, unmixed (Specify kind) ↴							
		325199 G140						
35	Other synthetic organic chemicals (Specify kind) ↴							
		325199 R100						
36	Miscellaneous end use chemicals and chemical products (excluding urea) (Specify kind) ↴							
		325199 T100						
37	Chemical preparations, other (Specify kind) ↴							
		325998 J1V1						

INFORMATION COPY
DO NOT USE TO REPORT

32507162



CONTINUE WITH **22** ON PAGE 17

CONTINUE 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	Unit of measure for quantities	Products shipped and other receipts				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
		0730	0736	0732	0731			
	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>)							
38		18						
39		26						
40		34						
41		42						
42		59						
43		67						
44	Contract work - Receipts for work done for others on their materials (<i>Specify products worked on and kind of work.</i>)	999899 2000						
45	Resales - Sales of products bought and sold without further manufacture, processing, or assembly (<i>The cost of such items should be reported in 16, line A2.</i>)	999899 1000						
46	Miscellaneous receipts (including receipts for repair work, sales of scrap and refuse, etc.)	999899 9000						
47	TOTAL (<i>Should equal total reported in 5</i>)	770000 0000						

INFORMATION COPY
DO NOT USE TO REPORT

23-25 Not Applicable.

32507170



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 purchases 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.

32507188



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

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"/>

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.**

32507196

