

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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

Reporting Form - Paper mills with a converting operation at the same location should combine activities and always report on form MC-32202. Sanitary paper products converting operations not at the same physical location as a paper mill should report their activities on form MC-32219.

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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			
	Pulpwood (To convert logs to cords, consider 500 board feet equal to 1 standard cord; to convert chips to cords, consider 1 standard unit (200 cubic feet of gravity packed chips) equal to 1 standard cord)		↑ standard cords ↓					
	Softwood							
	Bolts and logs							
1	Spruce and true fir	113310 05						
2	Hemlock	113310 07						
3	Southern pine	113310 09	standard cords					
4	All other softwoods	113310 23						
5	Wood chips, slabs, cores, sawdust, bark, and other mill residues . . .	321000 09	standard cords					

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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			
	Pulpwood - Continued							
	Hardwood							
	Bolts and logs		↑ standard cords					
6	Southern mixed hardwoods . . .	113310 11						
7	All other hardwoods	113310 25						
8	Wood chips, slabs, cores, sawdust, bark, and other mill residues	321000 11	standard cords					
	Chemicals							
9	Chlorine (100 percent Cl basis)	325181 03						
	Sodium compounds							
10	Sodium hydroxide (caustic soda) (100 percent NaOH)	325181 07	↓ short tons					
11	Sodium chlorate (100 percent NaClO ₃)	325188 23						
12	All other sodium compounds	325100 07						
13	Aluminum sulfate (17 percent Al ₂ O ₃)	325188 13						
14	Rosin sizing	325998 11	1000 lb (dry basis)					
15	Lime	327410 03	↑ short tons					
16	Kaolin and ball clay	212324 00	↓					
17	Starch	311221 13	1000 lb					
18	Synthetic resins	325211 31						
19	Titanium dioxide, composite and pure (100 percent TiO ₂)	325131 03						

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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			
	Chemicals - Continued							
20	Calcium carbonate, precipitated (100 percent CaCO ₂)	325188 29	↑ short tons ↓					
21	All other chemicals (including organic)	325000 05						
	Woodpulp (air dry basis)							
	Produced at affiliated or associated mills (excluding your pulp production at this location) (A separate MC-32201 report should be filed by each separately located pulp producing mill) (Report quantity on air dry basis)							
22		322100 29						
23	Purchased (market)	322100 31						
	Paperstock (Recovered paper, excluding own broke paper)							
24	Mixed	001900 06						
	Mechanical							
25	Newspaper	001900 07						
26	All other mechanical paperstock	001900 72						
27	Corrugated (including kraft)	001900 73						
28	High grade pulp substitutes	001900 09						
29	High grade deinking	001900 10	short tons					
	Fibrous materials							
			↑ 1000 lb ↓					
30	Cotton linters	311223 05						
31	All other fibrous materials (including rags, straw, and bagasse)	001900 15						
32	Nonwoven fabrics	313230 01	1000 yd ²					

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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			
33	Glues and adhesives	325520 03	1000 lb					
34	Lubricating oils and greases (including hydraulic oils)	324100 18						
35	Packaging paper and plastics film (including coated, laminated, printed, etc.)	001900 85						
36	Paperboard containers, boxes and corrugated paperboard	322010 01						
37	Cost of all other material and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↴	009700 99						
38	TOTAL (Should equal total reported in 16, line A1)	771000 00						

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18 Not Applicable.

19 TYPE OF OPERATION

(Mark "X" the "Yes" box for each operation performed. Mark the "No" box for all others.)

Type of business and operations performed in this establishment during 2012

Pulp mill

- 0620 767 Yes (Complete 22 A.)
- 768 No

Paper or paperboard mill

- 769 Yes (Complete 22 B.)
- 770 No

Converting or secondary operations

- 771 Yes (Complete 22 C.)
- 772 No

Performing other operations

- 901 Yes (Specify kind) ↴

- 0621 902 No

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20 and 21 Not Applicable.

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE
A. Pulp Mill Operations

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 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."

Total Shipments (Market) and Interplant Transfers - Report on line 5, quantity and selling value, f.o.b. plant, of products made in this establishment which were physically shipped from this establishment during 2012.

Include products transferred to other establishments of your company (such as other manufacturing plants or separate sales branches). Include products shipped on consignment, whether or not sold at the end of the year. Deduct returned goods.

Please do not combine product lines.

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Line No.	Products and services	Census product code	Unit of measure for quantities	Total shipments (market) and interplant transfers, excluding transfers of woodpulp to your paper or board mill at this location				
				Quantity	Value, f.o.b. plant			
					\$ Bil.	Mil.	Thou.	
0734		0730	0736	0732	0731			
1	Special alpha and dissolving woodpulp (sulfite and sulfate for chemical conversion, papermaking, and other uses), sulfate woodpulp (including soda), sulfite woodpulp, and other woodpulp	322110 4100						
2	Pulp, other than wood, and pulp mill byproduct Pulp, other than wood, including pulp made from cotton linters, straw, rag, flax, deinked paper, bagasse, etc.	322110 7123	↑ short tons (dry basis) ↓					
3	Turpentine, sulfate	322110 7131						
4	Other pulp mill cooking liquor byproducts (skimmings, binders, fuel, etc.) (Specify kind) ↴ <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	322110 7141						
5	Tall oil, crude	325191 0121						

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22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

B. Paper and Board Mill Operations

Paper and Board Mill Activities - Paper and board mills having integrated converting facilities at the same physical location need file only one report (MC-32202) for all activities.

The division between the primary product of the paper machine and the secondary or converted product is not always precise. Generally, primary manufacture ends when the product of the machine has been "finished" and is ready for shipment. In finishing, some incidental operations may be performed which, if performed in a converting plant, would be considered part of the converting operation.

When such operations are limited and incidental in character and do not result in substantially altering the character of the sheet, they may be considered a part of primary manufacture. Primary manufacture includes cutting, reeling, trimming, sorting, or supercalendering operations directly behind the machine.

All processes, such as off-machine coating of paper, laminating, die-cutting, waxing, shaping into envelopes, bags, boxes, etc., are, however, considered converting operations and should be reported in **22C**.

Line No.	Products and services	Census product code	Unit of measure for quantities	Total shipments (market) and interplant transfers, excluding transfers of woodpulp to your paper or board mill at this location			
				Quantity	Value, f.o.b. plant		
					\$ Bil.	Mil.	Thou.
0734		0730	0736	0732			
1	Bleached bristols and clay-coated, uncoated freesheet, cotton fiber, special industrial, packaging, and industrial converting papers	322121 6100					
2	Construction paper	322121 E100					
3	Newsprint	322122 1100	short tons				
4	Uncoated ground-wood paper (containing more than 10 percent mechanical fiber)	322122 3100					
5	Unbleached kraft packaging and industrial converting paperboard (80 percent or more virgin woodpulp) Linerboard	322130 1111	↑ ↓				
6	Other unbleached kraft packaging and industrial converting paperboard, including tube, can, and drum paperboard, corrugating medium, folding carton-type board, etc. (Specify kind) ↘ []	322130 1221		short tons			
7	Bleached packaging and industrial converting paperboard (80 percent or more virgin woodpulp) Folding carton-type paperboard	322130 3111					
8	Milk carton board	322130 3221					
9	Linerboard	322130 3331					
10	Heavyweight cup and round nested food container paperboard	322130 3341					

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22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE
B. Paper and Board Mill Operations - Continued

Line No.	Products and services	Census product code	Unit of measure for quantities	Total shipments (market) and interplant transfers, excluding transfers of woodpulp to your paper or board mill at this location			
				Quantity	Value, f.o.b. plant		
					\$ Bil.	Mil.	Thou.
0734		0730	0736	0732	0731		
	Bleached packaging and industrial converting paperboard (80 percent or more virgin woodpulp) - Continued						
11	Plate, dish, and tray paperboard stock	322130 3351	↑ short tons ↓				
12	Other solid bleached paperboard, including paperboard for moist, liquid, and oily foods (Specify kind)	322130 3361					
13	Semi chemical paperboard, including corrugating medium (75 percent or more virgin woodpulp)	322130 5100					
14	Wet machine board, including binders' board and shoe board	322130 9100					
	Recycled paperboard						
15	Corrugating medium	322130 7111	↑ short tons ↓				
16	Linerboard	322130 7221					
17	Container chip and filler board	322130 7231					
18	Clay-coated folding carton board	322130 7341					
19	Unlined folding carton chipboard	322130 7451					
20	Lined folding carton board, including kraft and white	322130 7461					
21	Setup board	322130 7571	↑ short tons				
22	Tube, can, and drum paperboard stock	322130 7575	↓				

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22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

B. Paper and Board Mill Operations - Continued

Line No.	Products and services	Census product code	Unit of measure for quantities	Total shipments (market) and interplant transfers, excluding transfers of woodpulp to your paper or board mill at this location			
				Quantity	Value, f.o.b. plant		
					\$ Bil.	Mil.	Thou.
0734		0730	0736	0732	0731		
	Recycled paperboard - Continued		↑ short tons ↓				
23	Gypsum linerboard	322130 7581					
	Other recycled paperboard, including panelboard and wallboard stock and other special combination packaging and industrial converting paperboard (Specify kind) ↘						
24		322130 7599					

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22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

C. Converting Operations

(See Section B "Paper and Board Mill Operations" for reporting instructions).

Reporting Form - Paper or paperboard mills having converting facilities at the same physical location are not required to prepare separate reports for each facility. Paper mills with a converting operation at the same location should combine both activities on one report (form MC-32202); paper mills should always report their operations on form MC-32202; and sanitary paper products converting operations not at the same physical location as a paper mill should report their activities on form MC-32219.

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		
1	Disposable diapers and similar disposable products, including sanitary napkins, tampons, training pants, and incontinent pads, made in paper mills . . .	322121 K100					
	Sanitary tissue paper products, made in paper mills		↑ short tons ↓				
2	Facial tissues and handkerchiefs, including sputum wipes	322121 N111					
3	Paper table napkins, industrial and retail packages, bulk and dispenser types	322121 N201					
4	Toilet tissue, retail packages, rolls and ovals	322121 N501					
5	Paper towels, industrial packages (rolled, folded, and interfolded), made in paper mills	322121 N661	short tons				

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22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE
C. Converting Operations - 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			
6	Sanitary tissue paper products, made in paper mills - Continued		↑ short tons ↓					
	Paper towels, retail packages (rolled, folded, and interfolded)	322121 N701						
7	Other sanitary paper products, including industrial packaged toilet tissue (all types), paper wipers (excluding nonwoven), absorbent pads, etc. (Specify kind) ↴							
		322121 N701						
8	Paper/paper multiweb laminated rolls and sheets, for flexible packaging uses	322221 3111						
9	All other coated and processed papers, excluding for packaging uses (Specify kind) ↴							
		322222 9117						
10	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						
11		26						
12		34						
13		42						
14		59						
15		67						
16	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴							
		999899 2000						

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22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

C. Converting Operations - 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			
17	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						
18	Miscellaneous receipts Bark	999899 9006						
19	Sales of mill residues other than bark (including sawdust, shavings, slabs, cores, fuel wood, etc.)	999899 9009						
20	Other miscellaneous receipts, including receipts for repair work, etc. (<i>Specify kind</i>) ↴ [Redacted]	999899 9090						
21	TOTAL (<i>Should equal total reported in 5</i>)	770000 0000						

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23-25 Not Applicable.

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**

2012		
\$ Bil.	Mil.	Thou.

2. Report the costs incurred by this establishment for contract manufacturing purchased 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

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26 SPECIAL INQUIRIES - Continued

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

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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.

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 - -

Fax - -

E-mail address

Date completed / /

Thank you for completing your 2012 ECONOMIC CENSUS form.
PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.

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