

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 **2**. 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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.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 **2** under Census product code 999890 0000, "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.

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 <i>(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)</i>								
	Softwood								
	Bolts and logs								
1	Spruce and true fir	113310 05	standard cords						
2	Hemlock	113310 07							
3	Southern pine	113310 09							
4	Other softwoods	113310 23							
5	Wood chips, slabs, cores, sawdust, bark, and other mill residues	321000 09							

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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			
	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) - Continued							
	Hardwood							
	Bolts and logs		standard cords					
6	Southern mixed hardwoods	113310 11						
7	Other hardwoods	113310 25						
8	Wood chips, slabs, cores, sawdust, bark, and other mill residues	321000 11						
	Chemicals							
9	Chlorine	325181 03	short tons					
10	Sodium hydroxide (caustic soda) (100 percent NaOH)	325181 07						
11	Sodium chlorate (100 percent NaClO ₃)	325188 23						
12	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						
20	Calcium carbonate, precipitated (100 percent CaCO ₂)	325188 29	short tons					
21	All other chemicals (including organic)	325000 09						
	Woodpulp (air dry basis)							
	Produced at affiliated or associated mills (excluding your pulp produced at this location) (A separate MC-32201 report should be filed by each separately located pulp producing mill) (Report quantity on air dry basis)	322100 29	short tons (dry basis)					
22								
23	Purchased (market)	322100 31						

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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			
	Paperstock (Recovered paper, excluding own broke paper)		↑ short tons ↓					
24	Mixed	001900 06						
	Mechanical							
25	Newspaper	001900 07						
26	Other	001900 72						
27	Corrugated (including kraft)	001900 73						
28	High grade pulp substitutes	001900 09						
29	High grade deinking	001900 10						
	Other materials			↑ 1000 lb ↓				
30	Cotton linters	311223 05						
31	Other fibrous materials (including rags, straw, and bagasse)	001900 15	short tons					
32	Glues and adhesives	325520 03	1000 lb					
33	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes	326100 13						
34	Nonwoven fabrics	313230 01	1000 yd ²					
35	Packaging paper and plastics film (including coated, laminated, printed, etc.)	001900 85						
36	Lubricating oils and greases (including hydraulic oils)	324100 18						
37	Paperboard containers, boxes, and corrugated paperboard	322210 01						
	Cost of all other materials and components, parts, containers, and supplies consumed (Specify the principal materials, etc., included in this value.) ↴							
38		009700 99						
39	TOTAL (Should equal total reported in 16, line A1)	771000 00						

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 2007

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

19 TYPE OF OPERATION - Continued

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

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 930000 0000.

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 999890 0000, "Resales."

Detailed Data Reported Elsewhere - Items denoted by an asterisk (*) require totals for groups of products covered in the more frequent Current Industrial Reports (CIR). If you report on the CIR forms, the sum of the detailed CIR products should equal the total reported on this census form.

Quantity Produced for All Purposes - Report amount of pulp and other specified products, lines 3 through 4, made in this establishment during 2007 whether sold, transferred, added to inventory, or used in further processing.

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 2007.

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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22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

A. Pulp Mill Operations - Continued

Line No.	Products and services *Items correspond to products reported on Current Industrial Reports (CIR)	Census product code	Unit of measure for quantities	Quantity produced for all purposes	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	0733	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 byproducts 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	1000 gal					
4	Other cooking liquor byproducts (skimmings, binders, fuel, etc.) (Specify kind.) ↴ 	322110 7141	short tons (dry basis)					
5	Tall oil Crude (Report skimmings on line 4.) (Corresponds to value of shipments reported on CIR M311K, Fats and Oils: Production, Consumption, and Stocks, 2007)* .	325191 0121						
6	Other gum and wood chemicals, including softwood distillation products, gum naval stores, natural tanning, tannic acid, natural acetic acid, methanol, softwood charcoal, vegetable pitches, wood tar and tar oil, etc. (Specify kind.) ↴ 	325191 0251						

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.

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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		
1	Bleached bristols and clay-coated, uncoated freesheet, cotton fiber, special industrial, packaging, and industrial converting papers (including groundwood printing and converting paper), bond and writing paper, body stock for communication, publication and printing paper, envelope, stock paper for coating, cotton fiber paper, unbleached kraft, shipping sack paper, all grades of parchment, toilet tissue stock, tissue paper, toweling paper stock, napkin, wrapping tissue, disposable diapers, sanitary tissue paper, facial tissues, etc.	322121 6100					
2	Construction paper (including roofing felts, saturated and dry), sheathing paper, floorcovering felts, automotive, insulated paper blankets, etc. . .	322121 E100					
3	Newsprint	322122 1100	short tons				
4	Uncoated ground-wood paper (including more than 10 percent mechanical fiber)	322122 3100					
5	Unbleached kraft packaging and industrial converting paperboard (80 percent or more virgin woodpulp, kraft sulfate process) Unbleached kraft linerboard	322130 1111	↑ short tons ↓				
6	Other unbleached kraft packaging and industrial converting kraft paperboard, including tube, can, and drum; corrugating medium; folding carton-type board, etc. (Specify kind.) ↴ 	322130 1221					
7	Bleached packaging and industrial converting paperboard (80 percent or more virgin bleached woodpulp) Folding carton-type board	322130 3111					
8	Milk carton board	322130 3221					
9	Linerboard	322130 3331					
10	Heavyweight cup and round nested food container	322130 3341					
11	Plate, dish, and tray stock	322130 3351					
12	Other solid bleached board, including paperboard for moist, liquid, and oily foods (Specify kind.) ↴ 	322130 3361					

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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		
13	Semichemical paperboard, (including corrugating medium and other uses) (75 percent or more virgin woodpulp, the predominant portion being produced by semichemical process)	322130 5100	↑ short tons ↓				
14	Recycled paperboard (manufactured from various grades of paper stock with the predominant portion of its furnish being recycled fibers; sometimes including a very minor portion of virgin fibers, unless otherwise indicated) Shipping container board Corrugating medium (less than 75 percent virgin fiber)	322130 7111					
15	Linerboard (less than 80 percent virgin fiber)	322130 7221					
16	Container chip and filler board	322130 7231					
17	Folding carton board Clay-coated	322130 7341					
18	Unlined chipboard	322130 7451					
19	Lined, including kraft and white	322130 7461					
20	Setup board	322130 7571					
21	Packaging and industrial converting paperboard Tube, can, and drum stock	322130 7575					
22	Gypsum linerboard	322130 7581					
23	Other recycled paperboard, including panelboard and wallboard stock and other special combination packaging and industrial converting paperboard (<i>Specify kind.</i>) ↴ 	322130 7591					
24	Wet machine board (including binder's board and shoe board)	322130 9100					
25	Uncoated ground-wood paper (including more than 10 percent mechanical fiber)	313230 1171					

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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.

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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
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			
1	Disposable diapers and similar disposable products (including sanitary napkins, tampons, training pants, and incontinent pads) made in paper mills	322121 K100						
2	Sanitary tissue paper products Facial tissues and handkerchiefs (including sputum wipes)	322121 N111	↑ short tons					
3	Paper table napkins, bulk and dispenser industrial and retail package (resale) types (made in paper mills)	322121 N201	↓					
4	Toilet tissue, retail packages, rolls and ovals (made in paper mills)	322121 N501						
5	Sanitary tissue paper products Towels (rolled, folded, or interfolded) Industrial (made in paper mills)	322121 N661	↑ short tons					
6	Retail packages (resale) (made in paper mills)	322121 N701						
7	Other sanitary paper products (including industrial packaged toilet tissue (all types), paper wipers (excluding nonwoven), absorbent pads, etc.), made in paper mills (Specify kind.)	322121 N901						
8	Paper/paper multiweb laminated rolls and sheets, for flexible packaging uses	322221 3111	↓					
9	All other coated and processed papers for nonpackaging 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 "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						

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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			
16	Contract work - Receipts for work done for others on their materials (Specify products worked on and kind of work.) ↴ 	930000 0000						
17	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.)	999890 0000						
18	Miscellaneous receipts Bark	999801 5000						
19	Sales of mill residues other than bark (including sawdust, shavings, slabs, cores, fuelwood, etc.)	999801 7000						
20	Other miscellaneous receipts (including receipts for repair work, etc) ↴ 	999809 8000						
21	TOTAL (Should equal total reported in 5)	770000 0000						

23-25 Not Applicable.

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26 SPECIAL INQUIRIES

OTHER ESTABLISHMENT ACTIVITIES

1. Did this establishment design, engineer, or formulate the manufactured products that it sold, produced, or shipped?

0318 Yes

0319 No

2. Which of the following best describes this establishment's primary activity? (Mark "X" only ONE box.)

0362 Providing contract manufacturing services for others

0363 Transforming raw materials or components into new products that this establishment owns or controls

0364 Reselling goods manufactured by others (with or without minor final assembly)

0365 Other - Specify ↴

0366

3. Did this establishment purchase contract manufacturing services from other companies or other establishments of your company to process materials or components that this establishment owns or controls?

0496 Yes, primarily with establishments WITHIN the 50 States and the District of Columbia

0497 Yes, primarily with establishments OUTSIDE of the 50 States and the District of Columbia

0498 No

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	Area code	Number			Extension	Fax	Area code	Number		
			-						-	

Internet e-mail address	Date completed	Month	Day	Year

Thank you for completing your 2007 ECONOMIC CENSUS form.
PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.

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