

NAICS Subsector 322—Paper Manufacturing

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
322110	PULP MILLS				
3221101	SPECIAL ALPHA AND DISSOLVING WOODPULP (SULFITE AND SULFATE FOR CHEMICAL CONVERSION, PAPERMAKING, AND OTHER USES)				
32211011	Special alpha and dissolving woodpulp (sulfite and sulfate for chemical conversion, papermaking, and other uses)				
3221101100	Special alpha and dissolving woodpulp (sulfite and sulfate for chemical conversion, papermaking, and other uses)	1,000 s tons (dry basis)	P,S		
3221103	SULFATE WOODPULP, INCLUDING SODA				
32211031	Sulfate woodpulp, including soda				
3221103111	Sulfate woodpulp, bleached and semibleached, including soda	1,000 s tons (dry basis)	P,S		
3221103121	Sulfate woodpulp, unbleached	1,000 s tons (dry basis)	P,S		
3221105	SULFITE AND OTHER WOODPULP				
32211051	Sulfite and other woodpulp				
3221105111	Sulfite woodpulp, bleached and unbleached	1,000 s tons (dry basis)	P,S		
3221105121	Groundwood pulp (stone, refiner, and thermomechanical)	1,000 s tons (dry basis)	P,S		
3221105131	Semichemical woodpulp	1,000 s tons (dry basis)	P,S		
3221105141	Other woodpulp, including defibrated or exploded, screenings, damaged, etc.	1,000 s tons (dry basis)	P,S		
3221107	ALL OTHER MISCELLANEOUS PULP, OTHER THAN WOOD, AND PULP MILL BYPRODUCTS				
32211071	All other miscellaneous pulp, other than wood, and pulp mill byproducts				
3221107123	Pulp, other than wood, including pulp made from cotton linters, straw, rag, flax, deinked paper, bagasse, etc.	1,000 s tons (dry basis)	P,S		
3221107131	Turpentine, sulfate	mil gal	P,S		
3221107141	Other pulp mill cooking liquor byproducts (skimmings, binders, fuel, etc.)	1,000 s tons (dry basis)	P,S		
322121	PAPER (EXCEPT NEWSPRINT) MILLS				
3221211	CLAY-COATED PRINTING AND CONVERTING PAPER				
32212111	Clay-coated groundwood printing and converting paper (containing more than 10 percent mechanical fiber), including prime-coated body stock				
3221211111	Clay-coated groundwood printing and converting paper (containing more than 10 percent mechanical fiber), including prime-coated body stock	1,000 s tons	S		
32212112	Clay-coated freesheet printing and converting paper (containing not more than 10 percent mechanical fiber), including prime-coated body stock				
3221211221	Clay-coated freesheet printing and converting paper, coated one side (containing not more than 10 percent mechanical fiber), including prime-coated body stock	1,000 s tons	S		
3221211231	Clay-coated freesheet printing and converting paper, coated two sides (containing not more than 10 percent mechanical fiber), including prime-coated body stock	1,000 s tons	S		
3221213	UNCOATED FREESHEET PAPER (CONTAINING NOT MORE THAN 10 PERCENT MECHANICAL FIBER)				
32212131	Bond and writing paper, and form bond in rolls, uncoated freesheet				
3221213111	Bond and writing paper, including protective check, uncoated freesheet	1,000 s tons	S		
3221213115	Form bond paper in rolls, uncoated freesheet	1,000 s tons	S		
32212132	Other writing paper, including body stock for communication papers, technical and reproduction, tablet, ledger, onion skin, papeterie and wedding, etc., uncoated freesheet				
3221213221	Body stock for communication, copying, and related papers, uncoated freesheet	1,000 s tons	S		
3221213225	Other uncoated freesheet technical and reproduction papers, including mimeograph and gelatin and spirit process duplicating	1,000 s tons	S		
3221213231	Writing tablet paper, uncoated freesheet	1,000 s tons	S		
3221213235	Other writing paper, including ledger, onion skin, papeterie and wedding, etc., uncoated freesheet	1,000 s tons	S		
32212133	Publication and printing paper, uncoated freesheet, all types				
3221213341	Plain publication and printing paper, uncoated freesheet, including machine finish, English finish, antique, bulking, eggshell, and supercalendered	1,000 s tons	S		
3221213345	Offset publication and printing paper, uncoated freesheet	1,000 s tons	S		
3221213351	Other uncoated publication and printing freesheet paper	1,000 s tons	S		
32212134	Cover and text papers, envelope, body stock for coating, and all other converting and miscellaneous uncoated freesheet paper				
3221213461	Cover and text papers, uncoated freesheet	1,000 s tons	S		
3221213471	Envelope (white wove) paper, uncoated freesheet	1,000 s tons	S		
3221213481	Kraft envelope (bleached kraft and brown kraft) paper, uncoated freesheet ..	1,000 s tons	S		
3221213491	Uncoated freesheet body stock paper for coating (base or raw stock for conversion of off-machine coating) and all other miscellaneous uncoated freesheet	1,000 s tons	S		
3221215	BLEACHED BRISTOLS (WEIGHT MORE THAN 150 G PER SQ METER), EXCLUDING COTTON FIBER INDEX AND BOGUS				
32212151	Bleached bristols (weight more than 150 g per sq meter), excluding cotton fiber index and bogus				
3221215111	Uncoated bleached bristol tag stock (weight more than 150 g per sq meter) ..	1,000 s tons	S		
3221215121	Uncoated bleached bristol file folder stock (weight more than 150 g per sq meter)	1,000 s tons	S		
3221215131	Other uncoated bleached bristols, including tabulating card, index, printing, and postcard stock (weight more than 150 g per sq meter), excluding cotton fiber index and bogus	1,000 s tons	S		
3221215141	Coated bleached bristols (weight more than 150 g per sq meter), excluding cotton fiber index and bogus	1,000 s tons	S		

See footnotes at end of subsector.

NAICS Subsector 322—Paper Manufacturing—Con.

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322121	PAPER (EXCEPT NEWSPRINT) MILLS—Con.				
3221217	COTTON FIBER PAPER (CONTAINING 25 PERCENT OR MORE COTTON OR SIMILAR FIBERS) AND THIN PAPER				
32212171	Cotton fiber paper (containing 25 percent or more cotton or similar fibers) and thin paper				
3221217111	Cotton fiber paper (containing 25 percent or more cotton or similar fibers) . . .	1,000 s tons	S		
3221217121	Thin paper including carbonizing, Bible, mimeograph and duplicating stencil tissue, India, tipping, condenser, cigarette paper, etc.	1,000 s tons	S		
3221219	UNBLEACHED KRAFT (NOT LESS THAN 80 PERCENT) PACKAGING AND INDUSTRIAL CONVERTING PAPER				
32212191	Unbleached kraft (not less than 80 percent) packaging and industrial converting paper				
3221219111	Unbleached kraft shipping sack paper (meets minimum Federal specifications UU-S-48) and other unbleached kraft shipping sack paper . . .	1,000 s tons	S		
3221219121	Unbleached kraft bag and sack paper (except shipping), including grocers' and other unbleached kraft bag and sack for notion, millinery, etc.	1,000 s tons	S		
3221219131	Unbleached kraft wrapping and specialty packaging paper (92 lb or less), including flour, sugar, dog food, fast foods, dairy products, etc.	1,000 s tons	S		
3221219191	Other unbleached kraft converting paper, including creping (92 lb or less), asphaltting paper, coating and laminating, gumming, etc.	1,000 s tons	S		
322121A	PACKAGING AND INDUSTRIAL CONVERTING PAPER, EXCEPT UNBLEACHED KRAFT				
322121A1	Packaging and industrial converting paper, except unbleached kraft				
322121A111	Shipping sack paper (except unbleached kraft), including combination kraft and rope, bleached and semibleached	1,000 s tons	S		
322121A121	Other bag and sack paper, except unbleached kraft and shipping, including grocers', liquor, millinery, notion, variety, etc.	1,000 s tons	S		
322121A131	Specialty packaging (92 lbs or less) and wrapping paper, except unbleached kraft (butcher, flour, sugar, fast foods, confectionery, etc.)	1,000 s tons	S		
322121A141	Other converting stock, including asphaltting and creping stocks (not more than 92 lbs), coating and laminating, gummed, twisting and spinning stock (19 lbs or more), and waxing stock (18 lbs or more)	1,000 s tons	S		
322121A151	Glassine, greaseproof, and vegetable parchment, all grades regardless of end use (92 lb or less)	1,000 s tons	S		
322121C	SPECIAL INDUSTRIAL PAPER, EXCEPT SPECIALTY PACKAGING, INCLUDING ABSORBENT, BATTERY SEPARATOR, ELECTRICAL PAPERS, ETC.				
322121C1	Special industrial paper, except specialty packaging, including absorbent, battery separator, electrical papers, etc.				
322121C100	Special industrial paper, except specialty packaging, including absorbent, battery separator, electrical papers, etc.	1,000 s tons	S		
322121E	CONSTRUCTION PAPER				
322121E1	Construction paper				
322121E111	Roofing felts, saturating and dry	1,000 s tons	S		
322121E121	Other construction paper, including sheathing paper, floor covering felts, automotive, insulating paper blankets, etc.	1,000 s tons	S		
322121G	TISSUE PAPER AND OTHER MACHINE-CREPED PAPER				
322121G1	Toilet tissue stock				
322121G111	Toilet tissue stock	1,000 s tons	P,S		
322121G2	Toweling paper stock, except wiper stock				
322121G221	Toweling paper stock, except wiper stock	1,000 s tons	P,S		
322121G3	Tissue paper and other machine-creped paper, excluding toilet tissue stock and toweling paper stock				
322121G331	Facial tissue stock, except toweling, napkin, and toilet	1,000 s tons	P,S		
322121G341	Napkin paper stock, except sanitary napkin stock wadding	1,000 s tons	P,S		
322121G351	Wiper tissue stock, regular, facial, and wadding stock	1,000 s tons	P,S		
322121G361	Other sanitary paper stock, including sanitary napkin stock wadding, aseptic paper stock, reinforced paper stock, etc.	1,000 s tons	P,S		
322121G371	Wrapping tissue, including florist tissue stock, hosiery paper, interleaving, antitarnish, etc.	1,000 s tons	P,S		
322121G391	Other tissue paper stock, including waxing tissue stock, creped wadding for interior packaging (excluding sanitary and thin)	1,000 s tons	P,S		
322121K	DISPOSABLE DIAPERS AND SIMILAR DISPOSABLE PRODUCTS, MADE IN PAPER MILLS				
322121K1	Disposable diapers and similar disposable products (including sanitary napkins, tampons, training pants, and incontinent pads), made in paper mills				
322121K100	Disposable diapers and similar disposable products (including sanitary napkins, tampons, training pants, and incontinent pads), made in paper mills	millions	S		See Appendix D
322121N	SANITARY TISSUE PAPER PRODUCTS, MADE IN PAPER MILLS				
322121N1	Facial tissues and handkerchiefs, including sputum wipes, made in paper mills				
322121N111	Facial tissues and handkerchiefs, including sputum wipes, made in paper mills	1,000 s tons	S		See Appendix D
322121N2	Paper table napkins, industrial and retail packages, bulk and dispenser types, made in paper mills				
322121N201	Paper table napkins, industrial and retail packages, bulk and dispenser types, made in paper mills	1,000 s tons	S		See Appendix D

See footnotes at end of subsector.

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322121	PAPER (EXCEPT NEWSPRINT) MILLS—Con.				
322121N	SANITARY TISSUE PAPER PRODUCTS, MADE IN PAPER MILLS—Con.				
322121N3	Toilet tissue, retail packages, rolls and ovals, facial tissue type, two-ply or more, made in paper mills				
322121N331	Toilet tissue, retail packages, rolls and ovals, facial tissue type, two-ply or more, made in paper mills	1,000 s tons	S		See Appendix D
322121N4	Toilet tissue, retail packages, rolls and ovals, regular type, single-ply, made in paper mills				
322121N433	Toilet tissue, retail packages, rolls and ovals, regular type, single-ply, made in paper mills	1,000 s tons	S		See Appendix D
322121N6	Paper towels, industrial packages (rolled, folded, and interfolded), made in paper mills				
322121N661	Paper towels, industrial packages (rolled, folded, and interfolded), made in paper mills	1,000 s tons	S		See Appendix D
322121N7	Paper towels, retail packages (rolled, folded, and interfolded), made in paper mills				
322121N701	Paper towels, retail packages (rolled, folded, and interfolded), made in paper mills	1,000 s tons	S		See Appendix D
322121N9	Other sanitary paper products (including industrial packaged toilet tissue (all types), paper wipers (except nonwoven), absorbent pads, etc.), made in paper mills				
322121N901	Other sanitary paper products (including industrial packaged toilet tissue (all types), paper wipers (except nonwoven), absorbent pads, etc.), made in paper mills	1,000 s tons	S		See Appendix D
322122	NEWSPRINT MILLS				
3221221	NEWSPRINT				
32212211	Newsprint				
3221221100	Newsprint	1,000 s tons	S		
3221223	UNCOATED GROUND-WOOD PAPER (CONTAINING MORE THAN 10 PERCENT MECHANICAL FIBER)				
32212231	Uncoated ground-wood paper (containing more than 10 percent mechanical fiber)				
3221223111	Uncoated groundwood publication and printing paper, including supercalendered	1,000 s tons	S		
3221223121	Other converting and miscellaneous groundwood paper, including form bond, wallpaper base, and body stock for coating	1,000 s tons	S		
322130	PAPERBOARD MILLS				
3221301	UNBLEACHED KRAFT PACKAGING AND INDUSTRIAL CONVERTING PAPERBOARD (80 PERCENT OR MORE VIRGIN WOODPULP)				
32213011	Unbleached kraft linerboard				
3221301111	Unbleached kraft linerboard	1,000 s tons	S		
32213012	Other unbleached kraft packaging and industrial converting paperboard, including tube, can, and drum paperboard, corrugating medium, folding carton-type board, etc.				
3221301221	Other unbleached kraft packaging and industrial converting paperboard, including tube, can, and drum paperboard, corrugating medium, folding carton-type board, etc.	1,000 s tons	S		
3221303	BLEACHED PACKAGING AND INDUSTRIAL CONVERTING PAPERBOARD (80 PERCENT OR MORE VIRGIN BLEACHED WOODPULP)				
32213031	Bleached folding carton-type paperboard				
3221303111	Bleached folding carton-type paperboard	1,000 s tons	S		
32213032	Bleached milk carton board				
3221303221	Bleached milk carton board	1,000 s tons	S		
32213033	Other solid bleached paperboard, including linerboard, heavyweight cup and round nested food container board, plate, dish, and tray stock, and paperboard for moist, liquid, and oily foods				
3221303331	Bleached linerboard	1,000 s tons	S		
3221303341	Bleached heavyweight cup and round nested food container paperboard	1,000 s tons	S		
3221303351	Bleached plate, dish, and tray paperboard stock	1,000 s tons	S		
3221303361	Other solid bleached paperboard, including paperboard for moist, liquid, and oily foods	1,000 s tons	S		
3221305	SEMICHEMICAL PAPERBOARD, INCLUDING CORRUGATING MEDIUM (75 PERCENT OR MORE VIRGIN WOODPULP)				
32213051	Semichemical paperboard, including corrugating medium (75 percent or more virgin woodpulp)				
3221305100	Semichemical paperboard, including corrugating medium (75 percent or more virgin woodpulp)	1,000 s tons	S		

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322130	PAPERBOARD MILLS—Con.				
3221307	RECYCLED PAPERBOARD				
32213071	Recycled corrugating medium				
3221307111	Recycled corrugating medium	1,000 s tons	S		
32213072	Recycled linerboard and container chip and filler board				
3221307221	Recycled linerboard	1,000 s tons	S		
3221307231	Recycled container chip and filler board	1,000 s tons	S		
32213073	Recycled clay-coated folding carton board				
3221307341	Recycled clay-coated folding carton board	1,000 s tons	S		
32213074	Recycled unlined folding carton chipboard, and lined, including kraft and white				
3221307451	Recycled unlined folding carton chipboard	1,000 s tons	S		
3221307461	Recycled lined folding carton board, including kraft and white	1,000 s tons	S		
32213075	Other recycled paperboard, including setup, tube, can, and drum stock, gypsum linerboard, panelboard and wallboard stock, and other special combination packaging and converting paperboard				
3221307571	Recycled setup board	1,000 s tons	S		
3221307575	Recycled tube, can, and drum paperboard stock	1,000 s tons	S		
3221307581	Recycled gypsum linerboard	1,000 s tons	S		
3221307591	Other recycled paperboard, including panelboard and wallboard stock and other special combination packaging and industrial converting paperboard ..	1,000 s tons	S		
3221309	WET MACHINE BOARD, INCLUDING BINDERS' BOARD AND SHOE BOARD				
32213091	Wet machine board, including binders' board and shoe board				
3221309100	Wet machine board, including binders' board and shoe board	1,000 s tons	S		
322211	CORRUGATED AND SOLID FIBER BOX MANUFACTURING				
3222110	CORRUGATED AND SOLID FIBER BOXES, INCLUDING PALLETES				
32221101	Corrugated shipping containers for food and beverages and carryout boxes for retail food				
3222110111	Corrugated shipping containers for food and beverages	mil sq ft	S		
3222110114	Corrugated carryout boxes for retail food	mil sq ft	S		
32221102	Corrugated shipping containers for paper and allied products				
3222110221	Corrugated shipping containers for paper and allied products	mil sq ft	S		
32221103	Corrugated shipping containers for metal and electrical machinery, equipment, supplies, products, and appliances				
3222110341	Corrugated shipping containers for metal products, machinery, equipment, and supplies, except electrical	mil sq ft	S		
3222110345	Corrugated shipping containers for electrical machinery, equipment, supplies, and appliances	mil sq ft	S		
32221104	Other corrugated shipping containers for all other end uses				
3222110431	Corrugated shipping containers for glass, clay, and stone products	mil sq ft	S		
3222110433	Corrugated shipping containers for chemicals and drugs, including paints, varnishes, cosmetics, and soaps	mil sq ft	S		
3222110435	Corrugated shipping containers for lumber and wood products, including furniture	mil sq ft	S		
3222110437	Corrugated shipping containers for all other end uses (leather, rubber, plastics, petroleum, etc.)		SV		
32221105	Corrugated paperboard in sheets and rolls, lined and unlined				
3222110551	Corrugated paperboard in sheets and rolls, lined and unlined		SV		
32221106	Other corrugated and solid fiber products, including containers, pallets, pads, partitions, point-of-purchase displays, etc.				
3222110661	Corrugated solid fiber containers		SV		
3222110665	Corrugated and solid fiber pallets, pads, and partitions		SV		
3222110691	Other corrugated and solid fiber products, including point-of-purchase displays, etc.		SV		
322212	FOLDING PAPERBOARD BOX MANUFACTURING				
3222120	FOLDING PAPERBOARD BOXES, PACKAGING, AND PACKAGING COMPONENTS				
32221201	Folding paperboard boxes for dry food and produce, including pet and animal food				
3222120111	Folding paperboard boxes for dry food and produce, including pet and animal food	1,000 s tons	S		
32221202	Folding paperboard boxes for bottled and canned beverages, including carriers for alcoholic and nonalcoholic beverages				
3222120221	Folding paperboard boxes for bottled and canned beverages, including carriers for alcoholic and nonalcoholic beverages	1,000 s tons	S		
32221203	Folding paperboard boxes for cosmetics and medicinal products				
3222120331	Folding paperboard boxes for cosmetics		SV		
3222120335	Folding paperboard boxes for medicinal products		SV		
32221204	Folding paperboard boxes for paper goods or products, including book mailers				
3222120441	Folding paperboard boxes for paper goods or products, including book mailers	1,000 s tons	S		

See footnotes at end of subsector.

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322212	FOLDING PAPERBOARD BOX MANUFACTURING—Con.				
32221200	FOLDING PAPERBOARD BOXES, PACKAGING, AND PACKAGING COMPONENTS—Con.				
32221205	Folding paperboard boxes for fresh bakery products, butter, and ice cream and food pails				
3222120551	Folding paperboard boxes for fresh bakery products	1,000 s tons	S		
3222120555	Folding paperboard boxes for butter and ice cream and food pails	1,000 s tons	S		
32221206	Folding paperboard boxes and packaging components for all other end uses				
3222120661	Folding paperboard boxes for biscuits and crackers	1,000 s tons	S		
3222120663	Folding paperboard boxes for candy		SV		
3222120665	Folding paperboard boxes for processed meats, margarine, lard, and shortening.....	1,000 s tons	S		
3222120667	Folding paperboard boxes for frozen foods	1,000 s tons	S		
3222120671	Folding paperboard carryout boxes and trays for retail food	1,000 s tons	S		
3222120673	Folding paperboard boxes for sporting goods, toys, and photographic equipment.....	1,000 s tons	S		
3222120675	Folding paperboard boxes for soaps and detergents	1,000 s tons	S		
3222120677	Folding paperboard boxes for tobacco	1,000 s tons	S		
3222120681	Folding paperboard boxes for hardware and household supplies		SV		
3222120683	Paperboard backs for blister and skin packaging		SV		
3222120691	Folding paperboard boxes, packaging, and packaging components for all other end uses.....		SV		
322213	SETUP PAPERBOARD BOX MANUFACTURING				
32221300	SETUP (RIGID) PAPERBOARD BOXES				
32221301	Setup (rigid) paperboard boxes, classified by end use				
3222130111	Setup (rigid) paperboard boxes for textiles, wearing apparel, and hosiery ...		SV		
3222130121	Setup (rigid) paperboard boxes for department stores and other retail stores .		SV		
3222130131	Setup (rigid) paperboard boxes for confections		SV		
3222130141	Setup (rigid) paperboard boxes for cosmetics, including soap		SV		
3222130191	Setup (rigid) paperboard boxes for all other end uses (including stationery and office supplies, and hardware and household supplies)		SV		
322214	FIBER CAN, TUBE, DRUM, AND SIMILAR PRODUCTS MANUFACTURING				
32221410	PAPERBOARD FIBER DRUMS WITH ENDS OF ANY MATERIAL				
32221411	Paperboard fiber drums with ends of any material				
3222141100	Paperboard fiber drums with ends of any material		SV		
32221430	FIBER CANS, TUBES, AND SIMILAR FIBER PRODUCTS				
32221431	Fiber cans, all fiber and composite				
3222143111	Fiber cans, all fiber and composite		SV		
32221432	Fiber cores and tubes				
3222143221	Fiber cores and tubes	1,000 s tons	S		
32221433	Paperboard cones, reels, spools, bobbins, blocks, and all vulcanized fiber products				
3222143301	Paperboard cones, reels, spools, bobbins, blocks, and all vulcanized fiber products		SV		
322215	NONFOLDING SANITARY FOOD CONTAINER MANUFACTURING				
32221510	MILK AND MILK-TYPE PAPERBOARD CARTONS, INCLUDING JUICE, BEVERAGE, AND OTHER PRODUCTS				
32221511	Milk and milk-type paperboard cartons, including juice, beverage, and other products				
3222151100	Milk and milk-type paperboard cartons, including juice, beverage, and other products	1,000 s tons	S		
32221530	CUPS AND LIQUID-TIGHT PAPER AND PAPERBOARD CONTAINERS				
32221531	Cups and liquid-tight paper and paperboard containers				
3222153111	Liquid-tight and round-nested paperboard food containers, including lids and tops	1,000 s tons	S		
3222153121	Paperboard drinking cups and portion serving cups	1,000 s tons	S		
32221550	OTHER SANITARY PAPER AND PAPERBOARD FOOD CONTAINERS, BOARDS, AND TRAYS, EXCEPT FOLDING				
32221551	Other sanitary paper and paperboard food containers, boards, and trays, except folding				
3222155111	Pressed paperboard plates, dishes, spoons, and similar products	1,000 s tons	S		
3222155121	Other sanitary paper and paperboard items, including tablecloths, soda straws, and ovenable paperboard food trays		SV		

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322221	COATED AND LAMINATED PACKAGING PAPER AND PLASTICS FILM MANUFACTURING				
3222211	SINGLE-WEB PAPER, ROLLS AND SHEETS, INCLUDING WAXED, FOR FLEXIBLE PACKAGING USES				
32222111	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses				
322221111	Plastics-coated single-web paper, rolls and sheets, for flexible packaging uses	1,000 s tons	S		
322221121	Single-web paper (other than plastics-coated), rolls and sheets, including waxed, for flexible packaging uses	1,000 s tons	S		
3222213	MULTIWEB LAMINATED ROLLS AND SHEETS, EXCEPT FOIL, FOR FLEXIBLE PACKAGING USES				
32222131	Paper/paper multiweb laminated rolls and sheets, for flexible packaging uses				
322221311	Paper/paper multiweb laminated rolls and sheets, for flexible packaging uses	1,000 s tons	S		
32222132	Film/paper multiweb laminated rolls and sheets, for flexible packaging uses				
322221321	Film/paper multiweb laminated rolls and sheets, for flexible packaging uses	1,000 s tons	S		
322222	COATED AND LAMINATED PAPER MANUFACTURING				
3222221	PRINTING PAPER, COATED AT ESTABLISHMENTS OTHER THAN WHERE PAPER WAS PRODUCED				
32222211	Printing paper, coated at establishments other than where paper was produced				
322222111	Printing paper, coated one side (for labels and similar uses), coated at establishments other than where paper was produced			SV	
322222121	Printing paper, coated two sides (for printing of magazines, directories, catalogs, and similar uses), coated at establishments other than where paper was produced			SV	
3222223	GUMMED PRODUCTS				
32222231	Gummed products				
322222311	Gummed sealing tape, paper base and reinforced base, used for sealing and securing			SV	
322222312	Other gummed paper products, including flat gummed papers, unprinted stock labels, corrugators' kraft tapes, etc.			SV	
3222225	PRESSURE-SENSITIVE PRODUCTS				
32222251	Pressure-sensitive single-faced tape, paper backing, excluding electrical				
322222511	Pressure-sensitive single-faced tape, paper backing, excluding electrical			SV	
32222252	Pressure-sensitive single-faced tape, film backing, excluding electrical				
322222521	Pressure-sensitive single-faced tape, film backing, excluding electrical			SV	
32222253	All other pressure-sensitive tape, excluding surgical and rubber-backed				
322222531	Pressure-sensitive single-faced tape, cloth backing, excluding surgical and electrical			SV	
3222225341	Pressure-sensitive single-faced tape, electrical, all backings (except rubber)			SV	
3222225351	Pressure-sensitive single-faced tape, reinforced and laminated, all backings, except surgical and rubber-backed			SV	
3222225361	Pressure-sensitive single-faced tape, other, excluding surgical and rubber-backed			SV	
3222225371	Pressure-sensitive double-faced tape, excluding surgical and rubber-backed			SV	
32222254	Pressure-sensitive base stock for labels				
3222225475	Pressure-sensitive base stock for labels			SV	
32222255	All other pressure-sensitive products, unprinted				
3222225581	Pressure-sensitive base stock for other than labels			SV	
3222225585	Pressure-sensitive labels, unprinted			SV	
3222225591	All other pressure-sensitive products, unprinted			SV	
3222226	WALLCOVERINGS				
32222261	Wallcoverings				
3222226111	Wallcoverings, paper with less than 2 mils of coating			SV	
3222226121	Wallcoverings, paper-coated or laminated with 2 mils or more of plastics, including prepasted and nonpasted			SV	
3222226131	Wallcoverings, fabric-backed, coated or laminated, woven			SV	
3222226141	Wallcoverings, fabric-backed, coated or laminated, nonwoven			SV	
3222226191	Other wallcoverings, including scenic and panel decorations (excluding rigid panels or tile form wallcoverings and wallcoverings that do not contain some paper or fabrics)			SV	
3222228	CONVERTED FOIL FOR NONPACKAGING APPLICATIONS				
32222281	Converted foil for nonpackaging applications				
3222228101	Converted aluminum foil, unmounted or coated, plain or printed, for nonpackaging applications	mil lb	S		
3222228106	Converted aluminum foil, laminated to other materials, for nonpackaging applications	mil lb	S		
3222228111	Other converted foil, including composition (combination of two metals or more) for nonpackaging applications, and metal leaf (including aluminum leaf)	mil lb	S		

See footnotes at end of subsector.

NAICS Subsector 322—Paper Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
322222	COATED AND LAMINATED PAPER MANUFACTURING— Con.				
3222229	OTHER COATED AND PROCESSED PAPERS, EXCEPT FOR PACKAGING USES				
32222291	Other coated and processed papers, except for packaging uses				
3222229111	Processed papers (embossed, leatherette, etc.), except for packaging uses		SV		
3222229121	Waxed and wax-laminated paper for nonpackaging uses, including household		SV		
3222229141	Plastics-coated paper, except for packaging uses		SV		
3222229161	Other coated and processed papers, except for packaging uses, including carbonless, oiled, soap impregnated, treated, etc., but excluding sensitized paper		SV		
322222A	GIFT WRAP PAPER				
322222A1	Gift wrap paper				
322222A111	Gift wrap paper, retail counter items, all types and weights, in rolls		SV		
322222A121	Gift wrap paper, retail counter items, all types and weights, in folds		SV		
322222A131	Laminated aluminum foil gift wrap	mil lb	S		
322222A191	Other paper gift wrapping (including counter rolls and flat sheets for stores' own use, and paper gift wrap materials shipped to other manufacturers for further processing)		SV		
322223	PLASTICS, FOIL, AND COATED PAPER BAG MANUFACTURING				
3222231	SPECIALTY BAGS, POUCHES, AND LINERS, COATED AND SINGLE-WEB PAPER				
32222311	Specialty bags, pouches, and liners, coated and single-web paper				
3222231100	Specialty bags, pouches, and liners, coated and single-web paper	1,000 s tons	S		
3222233	SPECIALTY BAGS, POUCHES, AND LINERS, MULTIWEB LAMINATIONS AND FOIL, EXCEPT FILM-FILM				
32222331	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film				
3222233111	Paper/film multiweb specialty bags, pouches, and liners	1,000 s tons	S		
3222233121	Foil specialty bags, pouches, and liners, and all paper or film combinations with foil	1,000 s tons	S		
3222233131	Other multiweb specialty bags, pouches, and liners, including paper/paper	1,000 s tons	S		
322224	UNCOATED PAPER AND MULTIWALL BAG MANUFACTURING				
3222241	UNCOATED SINGLE-WEB PAPER GROCERS' BAGS AND SACKS AND VARIETY AND SHOPPING BAGS				
32222411	Uncoated paper grocers' bags and sacks				
3222241111	Uncoated paper grocers' bags and sacks	1,000 s tons	S		
32222412	Uncoated paper variety bags and pouches (merchandise) and shopping bags				
3222241221	Uncoated paper variety bags and pouches (merchandise)	1,000 s tons	S		
3222241231	Uncoated paper shopping bags	1,000 s tons	S		
32222413	All other uncoated paper bags and pouches (including specialty bags, mothproof bags, etc.)				
3222241341	All other uncoated paper bags and pouches (including specialty bags, mothproof bags, etc.)	1,000 s tons	S		
3222243	SHIPPING SACKS AND MULTIWALL BAGS, ALL MATERIALS, EXCEPT TEXTILES				
32222431	Single and double wall shipping sacks and bags, all materials, except textiles				
3222243111	Single and double wall shipping sacks and bags, all materials, except textiles	1,000 s tons	S		
32222432	Multiwall (three-ply or more) shipping sacks and bags, all materials, except textiles				
3222243221	Multiwall (three-ply or more) shipping sacks and bags, all materials, except textiles	1,000 s tons	S		
322225	LAMINATED ALUMINUM FOIL MANUFACTURING FOR FLEXIBLE PACKAGING USES				
3222250	LAMINATED ALUMINUM FOIL ROLLS AND SHEETS FOR FLEXIBLE PACKAGING USES (CONVERTING AND PRINTING OR CONVERTING ONLY)				
32222501	Laminated aluminum film/foil (without paper) multiweb combinations, rolls and sheets for flexible packaging uses				
3222250101	Laminated aluminum film/foil (without paper) multiweb combinations, rolls and sheets for flexible packaging uses	mil lb	S		
32222502	Extrusion laminated aluminum foil/paper combinations, rolls and sheets for flexible packaging uses				
3222250206	Extrusion laminated aluminum foil/paper combinations, rolls and sheets for flexible packaging uses	mil lb	S		
32222503	Adhesive or wax laminated aluminum foil/paper combinations, rolls and sheets for flexible packaging uses				
3222250311	Adhesive or wax laminated aluminum foil/paper combinations, rolls and sheets for flexible packaging uses	mil lb	S		

See footnotes at end of subsector.

NAICS Subsector 322—Paper Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
322225	LAMINATED ALUMINUM FOIL MANUFACTURING FOR FLEXIBLE PACKAGING USES—Con.				
3222250	LAMINATED ALUMINUM FOIL ROLLS AND SHEETS FOR FLEXIBLE PACKAGING USES (CONVERTING AND PRINTING OR CONVERTING ONLY)—Con.				
32222505	Other laminated aluminum foils, including laminated aluminum paper/poly and foil/poly combinations (including foil/foil), rolls and sheets for flexible packaging uses				
3222250516	Other laminated aluminum foils, including laminated aluminum paper/poly and foil/poly combinations (including foil/foil), rolls and sheets for flexible packaging uses	mil lb	S		
322226	SURFACE-COATED PAPERBOARD MANUFACTURING				
3222260	PASTED, LINED, LAMINATED, OR SURFACE-COATED PAPERBOARD				
32222601	Pasted, lined, laminated, or surface-coated paperboard				
3222260100	Pasted, lined, laminated, or surface-coated paperboard	1,000 s tons	S		
322231	DIE-CUT PAPER AND PAPERBOARD OFFICE SUPPLIES MANUFACTURING				
3222311	DIE-CUT PAPER AND PAPERBOARD OFFICE SUPPLIES				
32223111	Hanging and expandable file folders, all types and materials				
3222311111	Hanging file folders, all types and materials	mil units	S		
3222311121	Expanding file folders (including wallets), all types and materials	mil units	S		
32223112	Other file folders (including file jackets and file pockets), all types and materials				
3222311231	Other file folders (including file jackets and file pockets), all types and materials	mil units	S		
32223113	Other die-cut paper and paperboard office supplies, including index, guide, and tabulating cards (including guide cards for file folders), presentation and report covers (except looseleaf), etc.				
3222311391	Other die-cut paper and paperboard office supplies, including index, guide, and tabulating cards (including guide cards for file folders), presentation and report covers (except looseleaf), etc.	mil units	S		
3222313	PAPER SUPPLIES FOR BUSINESS MACHINES AND OTHER MISCELLANEOUS UNPRINTED PAPER OFFICE SUPPLIES				
32223131	Paper supplies for business machines and other miscellaneous unprinted paper office supplies				
3222313111	Paper rolls for adding and other business machines, except rolls for facsimile and photocopy machines		SV		
3222313191	Other unprinted paper supplies, including photocopy, laser, safety, facsimile, teletype, etc. (excluding sensitized paper)		SV		
322232	ENVELOPE MANUFACTURING				
3222320	ENVELOPES, COMMERCIAL, ALL TYPES AND MATERIALS				
32223201	Envelopes, commercial, all types and materials				
3222320111	Envelopes, commercial, clasp and string-and-button types, including mailing.	mil units	S		
3222320121	Envelopes, commercial, white or colored mailing, except clasp and string-and-button types	mil units	S		
3222320131	Envelopes, commercial, kraft mailing, except clasp and string-and-button types	mil units	S		
3222320141	Envelopes, commercial, all other types, including padded shipping envelopes	mil units	S		
322233	STATIONERY, TABLET, AND RELATED PRODUCT MANUFACTURING				
3222331	STATIONERY				
32223311	Stationery				
3222331111	Boxed stationery and portfolios		SV		
3222331121	Wedding and social announcements, paper, cards, and envelopes		SV		
3222331131	All other stationery products, including packaged paper and envelopes, noncommercial		SV		
3222333	TABLETS, PADS, AND RELATED PRODUCTS				
32223331	Tablets and pads, 8 1/2 in. x 11 in. and 8 1/2 in. x 14 in., except columnar				
3222333111	Tablets and pads, 8 1/2 in. x 11 in. and 8 1/2 in. x 14 in., except columnar ...		SV		
32223332	All other tablets and pads, including columnar				
3222333221	All other tablets and pads, including columnar		SV		
32223333	Notebooks, bound with wire (except columnar), staples, thread, or plastics (including composition, memo, and stenographic but excluding case made)				
3222333331	Notebooks, bound with wire (except columnar), staples, thread, or plastics (including composition, memo, and stenographic but excluding case made).		SV		
32223334	Looseleaf paper fillers, school and commercial types				
3222333441	Looseleaf paper fillers, school and commercial types		SV		

See footnotes at end of subsector.

NAICS Subsector 322—Paper Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
322233	STATIONERY, TABLET, AND RELATED PRODUCT MANUFACTURING—Con.				
3222333	TABLETS, PADS, AND RELATED PRODUCTS—Con.				
32223335	Wrapped ream paper (exclude looseleaf fillers, photographic and photocopy paper, and paper for fax machines)				
3222333551	Wrapped ream paper (exclude looseleaf fillers, photographic and photocopy paper, and paper for fax machines)		SV		
32223336	All other miscellaneous tablets, pads, and related products				
3222333691	All other miscellaneous tablets, pads, and related products		SV		
322291	SANITARY PAPER PRODUCT MANUFACTURING				
3222912	DISPOSABLE DIAPERS AND SIMILAR DISPOSABLE PRODUCTS, MADE FROM PURCHASED SANITARY PAPER STOCK OR WADDING				
32229121	Disposable diapers and similar disposable products (including sanitary napkins, tampons, training pants, and incontinent pads), made from purchased sanitary paper stock or wadding				
3222912100	Disposable diapers and similar disposable products (including sanitary napkins, tampons, training pants, and incontinent pads), made from purchased sanitary paper stock or wadding	millions	S		See Appendix D
3222915	SANITARY TISSUE PAPER PRODUCTS, MADE FROM PURCHASED SANITARY PAPER STOCK OR WADDING				
32229151	Facial tissues and handkerchiefs, including sputum wipes, made from purchased sanitary paper stock or wadding				
3222915111	Facial tissues and handkerchiefs, including sputum wipes, made from purchased sanitary paper stock or wadding	1,000 s tons	S		See Appendix D
32229152	Paper table napkins, industrial and retail packages, bulk and dispenser types, made from purchased sanitary paper stock or wadding				
3222915215	Paper table napkins, industrial and retail packages, bulk and dispenser types, made from purchased sanitary paper stock or wadding	1,000 s tons	S		See Appendix D
32229153	Toilet tissue, retail packages, rolls and ovals, facial tissue type, two-ply or more, made from purchased sanitary paper stock or wadding				
3222915331	Toilet tissue, retail packages, rolls and ovals, facial tissue type, two-ply or more, made from purchased sanitary paper stock or wadding	1,000 s tons	S		See Appendix D
32229154	Toilet tissue, retail packages, rolls and ovals, regular type, single-ply, made from purchased sanitary paper stock or wadding				
3222915433	Toilet tissue, retail packages, rolls and ovals, regular type, single-ply, made from purchased sanitary paper stock or wadding	1,000 s tons	S		See Appendix D
32229156	Paper towels, industrial packages (rolled, folded, and interfolded), made from purchased sanitary paper stock or wadding				
3222915661	Paper towels, industrial packages (rolled, folded, and interfolded), made from purchased sanitary paper stock or wadding	1,000 s tons	S		See Appendix D
32229157	Paper towels, retail packages (rolled, folded, and interfolded), made from purchased sanitary paper stock or wadding				
3222915701	Paper towels, retail packages (rolled, folded, and interfolded), made from purchased sanitary paper stock or wadding	1,000 s tons	S		See Appendix D
32229159	Other sanitary paper products (including industrial packaged toilet tissue (all types), paper wipers (except nonwoven), absorbent pads, etc.), made from purchased sanitary paper stock or wadding				
3222915901	Other sanitary paper products (including industrial packaged toilet tissue (all types), paper wipers (except nonwoven), absorbent pads, etc.), made from purchased sanitary paper stock or wadding	1,000 s tons	S		See Appendix D
322299	ALL OTHER CONVERTED PAPER PRODUCT MANUFACTURING				
3222991	MOLDED PULP GOODS, INCLUDING EGG CARTONS, FLORIST POTS, FOOD TRAYS, ETC.				
32229911	Molded pulp goods, including egg cartons, florist pots, food trays, etc.				
3222991100	Molded pulp goods, including egg cartons, florist pots, food trays, etc.		SV		
3222993	MISCELLANEOUS CONVERTED PAPER AND PAPERBOARD PRODUCTS				
32229931	Paper party and holiday goods and accessories, including novelties, displays, decorations (except crepe paper), party hats, etc.				
3222993111	Paper party and holiday goods and accessories, including novelties, displays, decorations (except crepe paper), party hats, etc.		SV		
32229932	Cellulose insulation, paper doilies, placemats, tray doilies, and paper folders and mounts, all types, except file folders				
3222993221	Cellulose insulation		SV		
3222993231	Paper doilies, placemats, and tray doilies (or tray covers)		SV		
3222993241	Paper folders and mounts, all types, except file folders		SV		
32229933	All other paper filters and paper wrapping products, including creped wadding and crepe paper (except fine crepe paper)				
3222993351	Paper filters, including coffee		SV		
3222993361	All other paper wrapping products, including creped wadding and crepe paper (except fine crepe paper)		SV		

See footnotes at end of subsector.

NAICS Subsector 322—Paper Manufacturing—Con.

Product code	Industry and product description	Unit of measure	Data collected	CIR survey ¹	Products primary ²
322299	ALL OTHER CONVERTED PAPER PRODUCT MANUFACTURING—Con.				
3222993	MISCELLANEOUS CONVERTED PAPER AND PAPERBOARD PRODUCTS—Con.				
32229934	Die-cut paper and paperboard products, except office products, including fillers and flats for egg cases (except molded pulp), bottle caps, closures and lids, unprinted cards				
3222993471	Die-cut paper and paperboard products, except office products, including fillers and flats for egg cases (except molded pulp), bottle caps, closures and lids, unprinted cards			SV	
32229935	Other miscellaneous paper and paperboard products, including fine crepe paper; unprinted tags, tickets, and labels; cigarette paper; paper draperies and table skirts; etc.				
3222993591	Other miscellaneous paper and paperboard products, including fine crepe paper; unprinted tags, tickets, and labels; cigarette paper; paper draperies and table skirts; etc.			SV	

¹Data for these codes are collected in the Current Industrial Reports (CIR) series bulletins identified.
²For products that are primary to more than one industry, Appendix D contains a listing of related products.