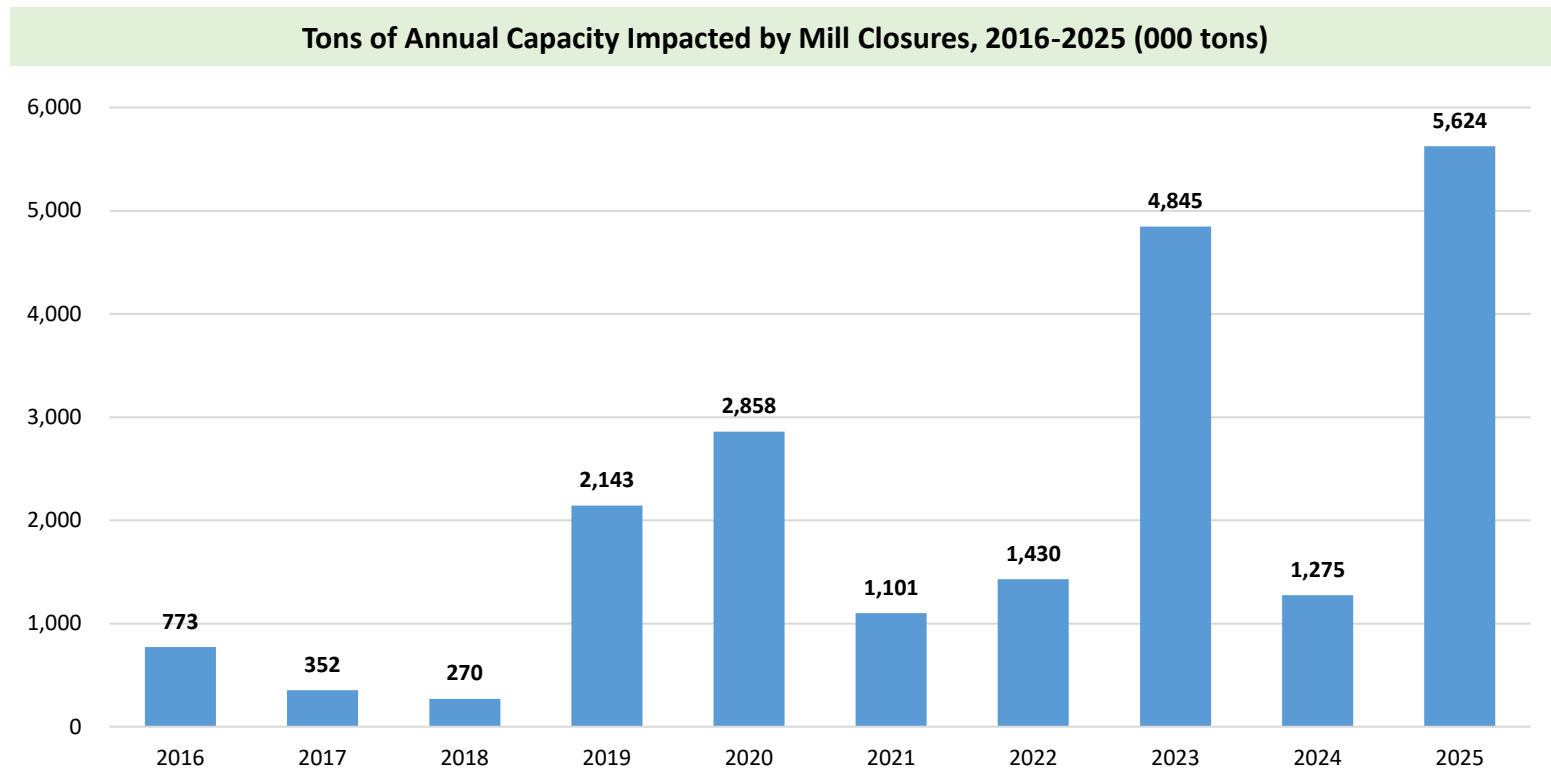


North American Mill Closures by Year, 2016 – 2025

At least 81 North American mills representing 20.7 million tons of annual capacity have permanently or indefinitely shut since 2015. Closure activity over the 10 year period peaked in 2025



Note: Excludes mills that were subsequently restarted or converted to production of other grades. Includes closure of portions of mills where entire product line exited. Timing based on actual shut down of production, although permanent closure announcement might have occurred at a later date

Source: RISI, Rivermill analysis

North American Mill Closures, 2025

16 North American mills representing 5.6 million tons of annual capacity permanently or indefinitely shut in 2025

Company / Location	Timing ⁽¹⁾	Capacity (000 Tons)	Grade
Domtar - Crofton, BC	Dec-25	419	NBSK Pulp
Graphic Packaging - East Angus, QC	Oct-25	100	Coated Recycled Paperboard
Georgia-Pacific - Memphis, TN	Oct-25	110	Specialty Pulp (Cotton Linter Pulp)
International Paper - Riceboro, GA	Aug-25	430	Containerboard
International Paper - Savannah, GA	Aug-25	550	Containerboard
Domtar - Grenada, MS ⁽²⁾	Aug-25	259	Newsprint
White Birch Paper - Riviere-du-Loup, QC ⁽³⁾	Aug-25	331	Newsprint
Cascades - Niagara Falls, NY	Jul-25	200	Recycled Corrugating Medium
Graphic Packaging - Middletown, OH	Jun-25	180	Coated Recycled Paperboard
Georgia-Pacific - Cedar Springs, GA	May-25	1,020	Kraft Linerboard (~800), Corrugating Medium (227)
Smurfit WestRock - Forney, TX	May-25	385	Recycled Containerboard
Greif - Los Angeles, CA	May-25	72	Coated Recycled Paperboard (50), Uncoated Recycled Paperboard (22)
Smurfit WestRock - St. Paul, MN	Apr-25	168	Coated Recycled Paperboard
Pixelle - Chillicothe, OH	Apr-25	410	Uncoated Free-Sheet including Carbonless Papers (~123)
International Paper - Campti, LA	Feb-25	850	Kraft Linerboard (805) and Kraft Paper (45)
Greif - Fitchburg, MA	Jan-25	140	Recycled Containerboard (100), Uncoated Recycled Paperboard (40, est.)
2025 Total Permanent Closures		5,624	

Note: Excludes mills that were subsequently restarted or converted to production of other grades. Includes closure of portions of mills where entire product line exited

(1) Timing based on actual shut down of production, although permanent closure announcement might have occurred at a later date

(2) Indefinitely idled. Permanent closure has not been confirmed

(3) Date of closure reflects announcement of indefinite idling. Permanent closure subsequently announced in December 2025

Source: RISI, Rivermill analysis

North American Mill Closures, 2016 – 2024 (1 of 4)

At least 81 North American mills representing 20.7 million tons of annual capacity have permanently or indefinitely shut since 2016

Company / Location	Timing ⁽¹⁾	Capacity (000 Tons)	Grade
International Paper - Georgetown, SC	Dec-24	636	Fluff Pulp (331), Uncoated Free-Sheet (305)
McKinley - Port Angeles, WA ⁽²⁾	Aug-24	180	Recycled Containerboard (120 est.), Recycled Kraft Paper (60 est.)
Willamette Falls Paper - West Linn, OR	Aug-24	160	Coated Free-Sheet (~130), Uncoated Free-Sheet (~30)
Fedrigoni - Cohoes, NY ⁽²⁾	May-24	52	Specialty Uncoated Free-Sheet
Cascades - Trenton, ON	Feb-24	175	Corrugating Medium
Sonoco - Sumner, WA	Feb-24	40	Uncoated Recycled Paperboard
Marcil Paper - Putney, VT	Jan-24	32	Recycled Tissue
International Paper - Orange, TX	Dec-23	795	Kraft Linerboard
Georgia-Pacific - Perry, FL	Nov-23	565	Dissolving Pulp (294), Fluff Pulp (271)
Greif - Santa Clara, CA	Nov-23	85	Corrugating Medium
Long Falls Paperboard - Brattleboro, VT ⁽²⁾	Nov-23	42	Specialty Paperboard
Paper Excellence (Domtar) - Espanola, ON	Oct-23	385	NBSK Pulp (309), Specialty Paper (76)
WestRock - Tacoma, WA	Sep-23	510	WT Linerboard (275), Kraft Linerboard (105), Kraft Paper (60), Market Pulp (70)
WestRock - North Charleston, SC	Aug-23	550	Kraft Linerboard (280), Saturating Kraft Paper (135 est.), Unbleached Paperboard (135 est.)
Essity - South Glens Falls, NY	Jul-23	90	AFH Tissue
Graphic Packaging - Tama, IA	Jun-23	82	Coated Recycled Paperboard

Note: Excludes mills that were subsequently restarted or converted to production of other grades. Includes closure of portions of mills where entire product line exited

(1) Timing based on actual shut down of production, although permanent closure announcement might have occurred at a later date

(2) Indefinitely idled. Permanent closure has not been confirmed

Source: RISI, Rivermill analysis

North American Mill Closures, 2016 – 2024 (2 of 4)

At least 81 North American mills representing 20.7 million tons of annual capacity have permanently or indefinitely shut since 2016

Company / Location	Timing ⁽¹⁾	Capacity (000 Tons)	Grade
Pactiv Evergreen - Canton, NC	May-23	615	Bleached paperboard (396), Uncoated Free Sheet (219)
ND Paper - Fairmont, WV ⁽²⁾	Mar-23	240	Recycled Pulp
ND Paper - Old Town, ME ⁽²⁾	Mar-23	251	NBSK Pulp (178), Recycled Pulp (73)
Pixelle - Jay, ME ⁽³⁾	Mar-23	430	Specialty Paper (230), Kraft Linerboard (200)
Canfor - Prince George, BC ⁽⁴⁾	Mar-23	309	NBSK Pulp
Sonoco - Hutchinson, KS	Mar-23	96	Uncoated Recycled Paperboard
WestRock - St. Paul, MN ⁽⁵⁾	Dec-22	200	Corrugating Medium
Ox Industries - Halltown, WV	Nov-22	50	Uncoated Recycled Paperboard
Dunn Paper - Port Huron, MI	Nov-22	86	Specialty Paper
Cascades - Memphis, TN	Nov-22	40	Tissue
Georgia Pacific - Green Bay, WI (Day St. Mill)	Aug-22	154	Tissue
WestRock - Panama City, FL	Jun-22	645	Kraft Linerboard (353), Market Pulp (292)
Graphic Packaging - Battle Creek, MI	May-22	255	Coated Recycled Paperboard
Resolute Forest Products - Calhoun, TN	Dec-21	326	Uncoated Free-Sheet Subs. (164), Market Pulp (162)
Paper Excellence - Powell River, BC	Dec-21	370	Converted from high-bright uncoated groundwood to unbleached packaging papers in May 2021 before shutting

Note: Excludes mills that were subsequently restarted or converted to production of other grades. Includes closure of portions of mills where entire product line exited

(1) Timing based on actual shut down of production, although permanent closure announcement might have occurred at a later date

(2) Indefinitely idled. Permanent closure has not been confirmed

(3) Kraft linerboard operations ceased after April 2020 digester explosion and permanent closure of this capacity was announced in December 2020. For chart on page 1, the kraft linerboard capacity is included in 2020

(4) Pulp mill closed. Kraft paper operations continue

(5) Corrugating medium operations shut, coated recycled board production continued at the site until 2025. Overall mill counted as one closure for total closures count purposes

Source: RISI, Rivermill analysis

North American Mill Closures, 2016 – 2024 (3 of 4)

At least 81 North American mills representing 20.7 million tons of annual capacity have permanently or indefinitely shut since 2016

Company / Location	Timing ⁽¹⁾	Capacity (000 Tons)	Grade
Pactiv Evergreen - Pine Bluff, AR ⁽²⁾	Sep-21	189	Coated groundwood
Neenah Paper - Appleton, WI	Jul-21	25	Specialty Paper (transportation filtration)
Clearwater Paper - Neenah, WI	Jun-21	54	Tissue
Appvion - Roaring Spring, PA	Feb-21	137	Uncoated Free-Sheet
SWM - Spotswood, NJ	Dec-20	47	Specialty Paper (cigarette paper)
Sappi - Westbrook, ME	Jul-20	40	Specialty Paper
Paper Excellence - Mackenzie, BC	Jun-20	265	NBSK Pulp
Ponderay Newsprint - Usk, WA	Jun-20	270	Newsprint
Greif - Mobile, AL ⁽³⁾	Jun-20	140	Uncoated Recycled Paperboard
Sonoco - Trent Valley, ON	Jun-20	125	Recycled Linerboard (89), Uncoated Recyc. Paperboard (36)
Verso - Wisconsin Rapids, WI ⁽⁴⁾	Jun-20	680	Coated and Packaging Papers (540), Market Pulp (140)
Resolute Forest Products - Amos, QC ⁽⁵⁾	Apr-20	220	Newsprint
Resolute Forest Products - Baie Comeau, QC ⁽⁵⁾	Apr-20	353	Newsprint
Kruger - Brompton, QC	Apr-20	187	Newsprint (110), Kraft Paper (55), Specialty Paper (22)
Paper Excellence - Pictou, NS	Jan-20	331	NBSK Pulp
Fortress Global Enterprises - Thurso, QC	Dec-19	265	Dissolving and BHK Pulp
Resolute Forest Products - Augusta, GA	Nov-19	236	Newsprint

Note: Excludes mills that were subsequently restarted or converted to production of other grades. Includes closure of portions of mills where entire product line exited

(1) Timing based on actual shut down of production, although permanent closure announcement might have occurred at a later date

(2) Coated groundwood operations shut, bleached paperboard production continues at the site

(3) 75,000 tons on one machine operating at time of closure. Capacity as shown also includes PM idled in October 2019

(4) For website chart, all paper capacity classified as coated free-sheet

(5) Indefinitely idled. Permanent closure has not been confirmed

Source: RISI, Rivermill analysis

North American Mill Closures, 2016 – 2024 (4 of 4)

At least 81 North American mills representing 20.7 million tons of annual capacity have permanently or indefinitely shut since 2016

Company / Location	Timing ⁽¹⁾	Capacity (000 Tons)	Grade
Georgia-Pacific - Crossett, AR ⁽²⁾	Oct-19	368	Bleached Paperboard
Flambeau River Papers - Park Falls, WI ⁽³⁾	Sep-19	151	Uncoated Free-Sheet, Wet-Lap Pulp
Cascades - Whitby and Scarborough, ON	Jun-19	44	Tissue
Verso - Luke, MD	Jun-19	450	Coated Free-Sheet and Specialties
Georgia-Pacific - Port Hudson, LA ⁽²⁾	Mar-19	630	Uncoated Free-Sheet
Georgia-Pacific - Augusta, GA	May-18	33	Tissue
Georgia-Pacific - Camas, WA ⁽²⁾	May-18	237	Uncoated Free-Sheet
Graphic Packaging - Santa Clara, CA	Dec-17	138	Coated Recycled Paperboard
Turners Falls Paper - Turners Falls, MA	Aug-17	9	Specialty Paper
SCA - Flagstaff, AZ	Jun-17	55	Tissue
PaperWorks - Philadelphia, PA	Apr-17	150	Coated Recycled Paperboard
Resolute Forest Products - Thorold, ON	Dec-16	217	Newsprint
Cascades - Auburn, ME	Jul-16	77	Deinked Pulp
UPM - Madison, ME	May-16	231	Supercalendered Paper
Georgia Pacific - San Leandro, CA	Apr-16	73	Gypsum Linerboard
Whiting Paper - Menasha, WI	Mar-16	10	Specialty Paper
WestRock - Uncasville, CT	Jan-16	165	Corrugating Medium
Total 2016-2024		15,048	
Total 2025		5,624	
Total 2016-2025		20,671	

Note: Excludes mills that were subsequently restarted or converted to production of other grades. Includes closure of portions of mills where entire product line exited

(1) Timing based on actual shut down of production, although permanent closure announcement might have occurred at a later date

(2) Grade listed in "Grade" column shut; tissue operations at these sites continue

(3) 66,000 tons of UFS and unspecified volume of wet-lap operating at time of closure. Capacity as shown also includes UFS PM idled in early 2018. Mill restarted briefly under new ownership from September 2020 to August 2021, before shutting down again

Source: RISI, Rivermill analysis