

market locations for recovered materials

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MARKET LOCATIONS
FOR
RECOVERED MATERIALS

This report (SW-518) was compiled
by Stephen E. Howard

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Research Triangle Park
2000
Chapel Hill, North Carolina 27514

U.S. ENVIRONMENTAL PROTECTION AGENCY

1976

ENVIRONMENTAL PROTECTION AGENCY

An environmental protection publication (SW-518) in the solid waste management series. Mention of commercial products does not constitute endorsement by the U.S. Government. Editing and technical content of this report were the responsibilities of the Resource Recovery Division of the Office of Solid Waste Management Programs.

Single copies of this publication are available from Solid Waste Information, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268.

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MARKET LOCATIONS
FOR
RECOVERED MATERIALS

Stephen E. Howard*

This report contains lists of actual or potential users of recycled paper, steel, glass, and aluminum. The production plants for each of these industries are listed by name and location. Certain key data are presented when available for each facility, including whether they use recycled materials and their yearly capacity. In most cases, capacity figures are based on estimates of maximum attainable production levels made by individuals knowledgeable in the respective industries.

This information is intended as an aid in making market surveys of potential buyers for recycled materials. The names of secondary materials dealers (scrap processors) are not included, though they might well be buyers of these materials as intermediaries between initial recovery and final use. Those firms are simply too numerous to list here. Often they are listed in telephone directory yellow pages under "scrap dealers,"

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"wastepaper dealers," "secondary materials," or "recycled materials." The National Association of Recycling Industries, 330 Madison Avenue, New York, N.Y. 10017, and the Institute of Scrap Iron and Steel, 1729 H Street N.W., Washington, D.C. 20006, can also provide information on scrap dealers.

The information in this report has been based on the best and latest data available to EPA. It cannot be guaranteed as perfectly accurate, and some changes will occur as industries open, close, or alter production facilities. Readers are encouraged to supplement the information contained in the report with more detailed and current information obtained directly from the companies listed. The inclusion of a company does not imply the endorsement of the U.S. Environmental Protection Agency.

The Office of Solid Waste Management Programs would appreciate being informed of any omissions or inaccuracies in this report.

Aluminum Production Facilities in the United States

The aluminum industry is made up of the following categories:

1. Integrated primary aluminum producers and fabricators who convert bauxite into fabricated aluminum products.
2. Nonintegrated aluminum producers who rely on scrap and primary and secondary aluminum ingot purchased on the open market.
3. Secondary smelters who convert scrap aluminum into secondary ingot.

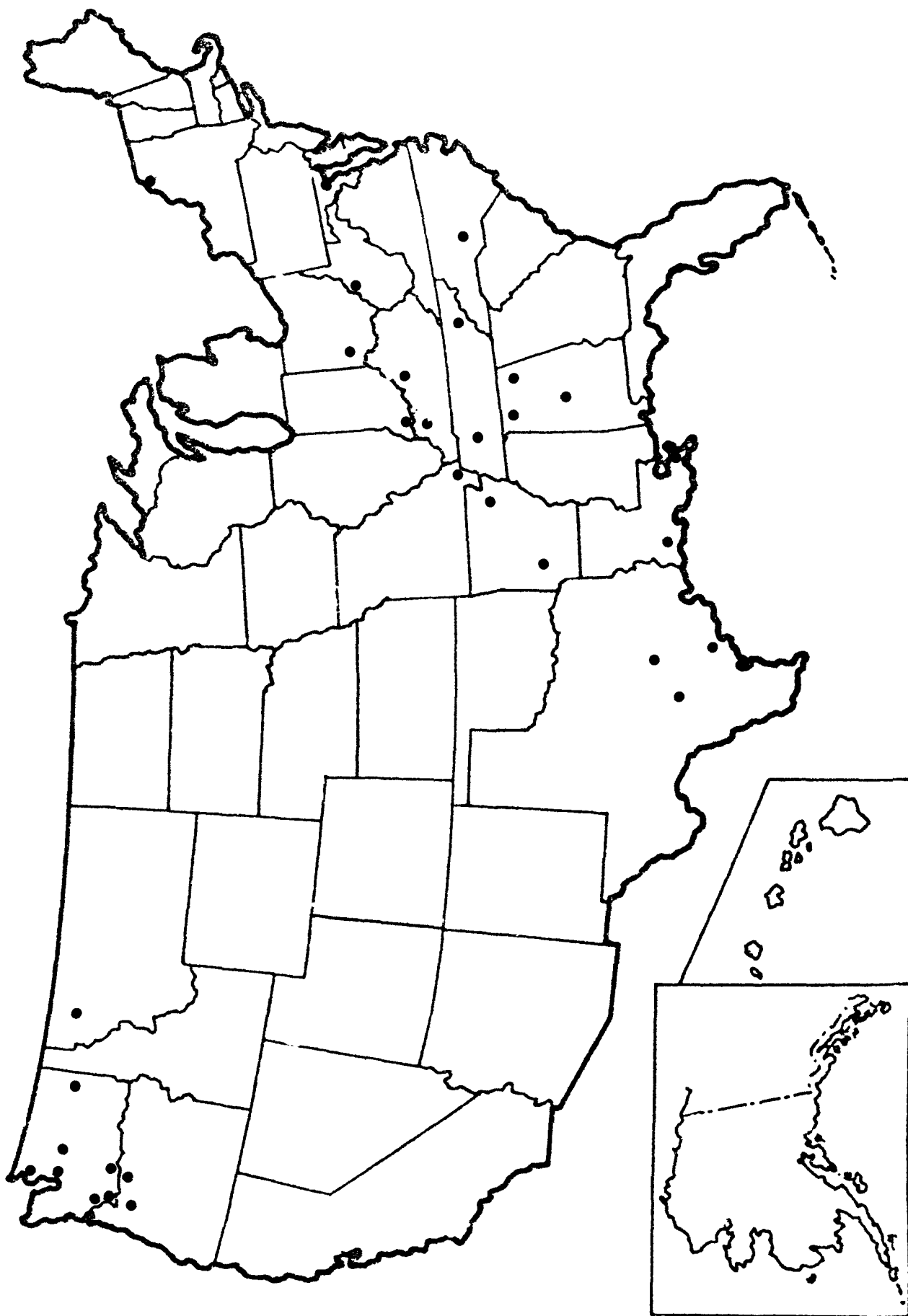
Historically the chief consumers of aluminum scrap have been the secondary smelter (60 percent of total scrap consumed in 1973) followed by integrated and nonintegrated producers (20 percent each in 1973). Integrated producers generally obtain the scrap they consume from internal sources and customer scrap, whereas secondary smelters and non-integrated producers purchase scrap.

The secondary aluminum industry produces secondary aluminum ingot to chemical specification from aluminum scrap and sweated pig mainly by segregating incoming scrap into alloy types. The value of the scrap to the industry is thus a direct function of its degree of pre-segregation and cleanliness.

Primary aluminum production is an energy-intensive process necessitating the location of plants near sources of low cost energy (i.e.-- areas generally remote from industrial centers). As a result, freight costs for raw and finished materials generally tend to be higher than for

other segments of the industry. Secondary smelters, on the other hand, can locate near scrap sources that are also end-use consumption points because of lower energy requirements for production processes.

The following list includes primary producers and secondary smelters of aluminum. Nonintegrated producers vary in size and nature to such a degree that it was not possible to list them here.



LOCATIONS OF PRIMARY ALUMINUM PRODUCERS IN THE UNITED STATES

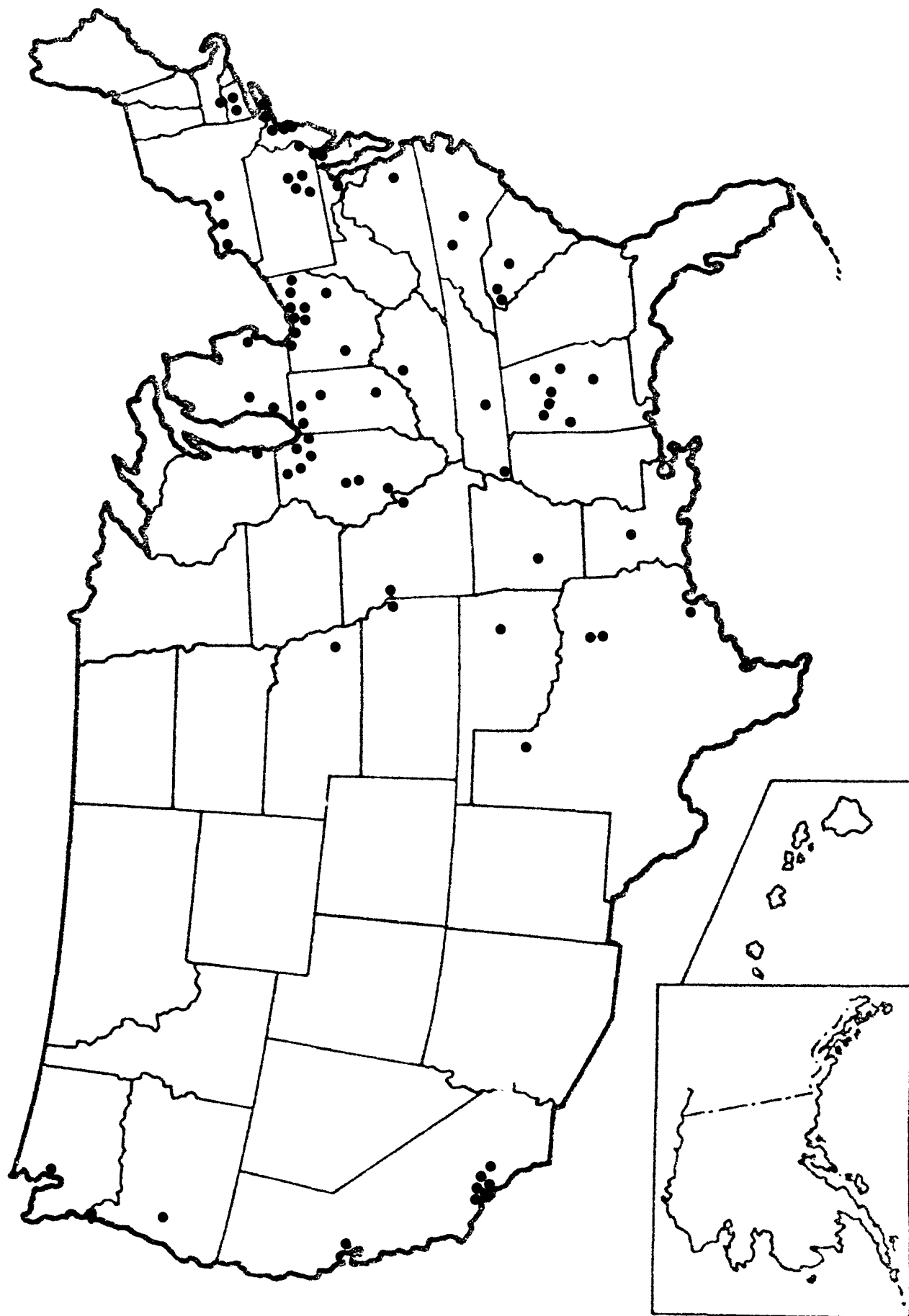
PRIMARY ALUMINUM PRODUCERS IN THE UNITED STATES

<u>LOCATION</u>	<u>COMPANY</u>	<u>CAPACITY TONS/YEAR</u>
<u>Alabama</u>		
Sisterhill	Reynolds Metal Company	221,000
Scottsboro	Revere Copper and Brass Company	112,000
<u>Arkansas</u>		
Arkadelphia	Reynolds Metal Company	68,000
Jones Mills	Reynolds Metal Company	125,000
<u>Indiana</u>		
Evansville	Aluminum Company of America	275,000
<u>Kentucky</u>		
Hawesville	National Southwire Aluminum Company	180,000
Setree	Anaconda Company, Aluminum Division	120,000
<u>Louisiana</u>		
Chalmette	Kaiser Aluminum and Chemical Corp.	260,000
Lake Charles	Consolidated Aluminum Corp.	36,000
<u>Maryland</u>		
Buckeystown	Eastalco Aluminum Company	88,000
<u>Missouri</u>		
New Madrid	Noranda Aluminum, Inc.	70,000

<u>LOCATION</u>	<u>COMPANY</u>	<u>TONS/YEAR</u>
<u>Montana</u>		
Columbia Falls	Anaconda Company, Aluminum Division	180,000
<u>New York</u>		
Massena	Reynolds Metal Company	126,000
Massena	Aluminum Company of America	130,000
<u>North Carolina</u>		
Badin	Aluminum Company of America	115,000
<u>Ohio</u>		
Hannibal	Armet Corporation	250,000
<u>Oregon</u>		
The Dallas	Martin Marrietta Aluminum, Inc.	90,000
Troutdale	Reynolds Metals Company	130,000
<u>Tennessee</u>		
Alcoa	Aluminum Company of America	270,000
New Johnsonville	Consolidated Aluminum Corp.	141,000
<u>Texas</u>		
Point Comfort	Aluminum Company of America	185,000
Rockdale	Aluminum Company of America	280,000
San Patricio	Reynolds Metals Company	114,000

<u>LOCATION</u>	<u>COMPANY</u>	<u>TONS/YEAR</u>
<u>Washington</u>		
Ferndale	Intalco Aluminum Corp.	260,000
Goldendale	Martin Marietta Aluminum, Inc.	111,000
Longview	Reynolds Metals Company	210,000
Spokane	Kaiser Aluminum & Chemical Corp.	206,000
Tacoma	Kaiser Aluminum & Chemical Corp.	81,000
Vancouver	Aluminum Company of America	115,000
Wenatchu	Aluminum Company of America	175,000
<u>West Virginia</u>		
Ravenswood	Kaiser Aluminum & Chemical Corp.	163,000

Source: U.S. Environmental Protection Agency Compilation based on data from the following sources: U.S. Bureau of Mines, U.S. Department of Commerce



LOCATIONS OF SECONDARY ALUMINUM SMELTERS IN THE UNITED STATES

SECONDARY ALUMINUM SMELTERS IN THE UNITED STATES

LOCATION

COMPANY

Alabama

Birmingham	Berman Bros., Iron & Metal Co., Inc.
Birmingham	Kimberling (M.) & Sons, Inc.
Decatur	Alabama Aluminum Alloys
Fairfield	Bullock (W.J.), Inc.
Munford	Commercial Metals Co.
Russellville	U.S. Reduction Co.
Steele	Culp Smelting & Refining Co.

Arkansas

Hot Springs	Vulcan Materials Co. (Aluminum & Magnesium Division)
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California

City of Industry	Aetna Metals Co.
Corona	Vulcan Materials Co.
East Los Angeles	Chersky (Jon) & Sons
Fontana	Vista Metals Corporation
Gardena	Apex International Alloys, Inc. Division of General Metals Refining Co.
Gardena	Progressive Metals Co.
Long Beach	Alumax, Inc.
Los Angeles	American Smelting & Refining Co.
Los Angeles	Kirk (Morris P.) & Sons (Subsidiary of NL Industries)
Los Angeles	McGowan Co., Inc.
Oakland	Globe Metals Company

<u>Location</u>	<u>Company</u>
<u>Connecticut</u>	
Botsford	Batchelder (Charles) Co., Inc.
Waterbury	Infield Metals Company
<u>Delaware</u>	
Wilmington	North American Smelting Co.
<u>Illinois</u>	
Alton	U.S. Reduction Co.
Aurora	Aurora Refining Co.
Aurora	Jobbins (William F.), Inc.
Bensenville	Carroll (Donald) Metals, Inc.
Bensenville	Precision Extrusions, Inc. Extrusions Ingot
Chicago	Allied Metal Company
Chicago	Apex International Alloys, Inc. (Division of Alumax, Inc.)
Chicago	Hall Aluminum Co.
Chicago	H. Kramer & Co.
Chicago	Lavin (R.) & Sons, Inc.
Chicago	Midland Industries, Inc.
Chicago Heights	Benjamin Harris & Co.
Chicago Heights	Hall Aluminum Co.
Des Plaines	Apex International Alloys, Inc. (Division of Alumax, Inc.)
Joliet	Intercontinental Alloys
Rockford	Behr (Joseph) & Sons, Inc.

<u>Location</u>	<u>Company</u>
<u>Indiana</u>	
East Chicago	U.S. Reduction Company
Seymour	Fitzpatrick (R.J.)
South Bend	South Bend Smelting & Refining Company
Wabash	Ogden Metals Corporation (Wabash Alloys, A & C Division)
<u>Kansas</u>	
Kansas City	S-G Metals Industries, Inc. Sonken Galamba Corporation
<u>Kentucky</u>	
Shelbyville	Ohio Valley Aluminum Co., Inc.
<u>Louisiana</u>	
Alexandria	Alexandria Metallurgical Corporation
<u>Maryland</u>	
Baltimore	EASCO Corporation
Baltimore	Eastern Metals
Baltimore	United Iron & Metal Co., Inc. (Tomke Aluminum Division)
<u>Massachusetts</u>	
Chicope Falls	Bay State Refining Company

LocationCompanyMichigan

Benton Harbor	Michigan Standard Alloys, Inc.
Detroit	American Smelting & Refining Company (Federated Metals Division)
Detroit	Metropolitan Alloys
Grand Rapids	Grand Rapids Smelting, Inc.

Missouri

Hazelwood	Diversified Industries, Inc. Aluminum Service Corporation
Kansas City	Price Metal Refining Company

Nebraska

Lincoln	Northwestern Metal Co.
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New Jersey

Jersey City	Proler Steel Company
Perth Amboy	American Smelting & Refining Co. (Federated Metals Division)
South Amboy	EASCO Corporation

New York

Brooklyn	Belmont Smelting & Refining Works, Inc.
Brooklyn	Elkins (J.R.), Inc.
Brooklyn	Friedman Metal Company
Brooklyn	Henning Brothers & Smith, Inc.
East Syracuse	Roth Brothers Smelting Corporation
Lockport	Milward Alloys, Inc.

LocationCompanyNew York (cont'd)

Long Island City

Paragon Smelting Corporation

Rochester

Rochester Smelting & Refining Co., Inc.

North Carolina

Fort Scott

Tower Company

Winston Salem

Brenor Industries

Ohio

Akron

Barmet Industries, Inc.

Berea

Garfield Company

Brook Park

Ogden Metals, Inc.

Cleveland

Aluminum Smelting & Refining Co.

Cleveland

Apex International Alloys, Inc.
(Division of Alumax Inc.)

Cleveland

Bradley Metals Company

Cleveland

Cleveland Electro Metals Company

Cleveland

Monarch Aluminum Manufacturing Co.

Cleveland

Ogden Metals, Inc.

Cleveland

NL Industries, Metal Division-Central Region

Cleveland

Wabash Alloys, Inc.

Dayton

Trotwood Smelting Company

Niles

EASCO Corporation

Rock Creek

Rock Creek Aluminum Company

LocationCompanyOhio (cont'd)

Rockport	Barmet Industries, Inc.
Sandusky	Vulcan Materials Company
Toledo	U.S. Reduction Company
Uhricksville	Barmet Industries, Inc.

Oklahoma

Checotah	Apex International Alloys, Inc. Division of Alumax, Inc.
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Oregon

Springfield	Apex International Alloys, Inc. Division of Alumax, Inc.
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Pennsylvania

Gettysburgh	Gettysburgh Foundry Specialties Company
Marietta	U.S. Aluminum Corporation
Mechanicsburg	Ethyl Corporation
Palmyra	Alan-Barr Aluminum Co., Inc.
Philadelphia	Diversified Industries, Inc. Sall (The George) Metals Co.

South Carolina

Spartanburg	Batchelder-Blasius, Inc.
Wellford	Batchelder-Blasius, Inc.

LocationCompanyTexas

Addison	Abasco, Inc.
Dallas	Commercial Metals Company
Houston	Gulf Reduction Corporation
Houston	Proler Steel Company
Memphis	Excel Smelting Corporation

Tennessee

Memphis	Excel Smelting Corporation
Mount Pleasant	Rayclan Corporation American Recycling Inc.

Virginia

Richmond	Viener (Hyman) & Son
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Washington

Seattle	Hi-Duty Alloys Corporation
Seattle	Materials Reclamation Co., Inc.

Wisconsin

Oak Creek	Vulcan Materials Company Aluminum & Magnesium Division
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North Carolina

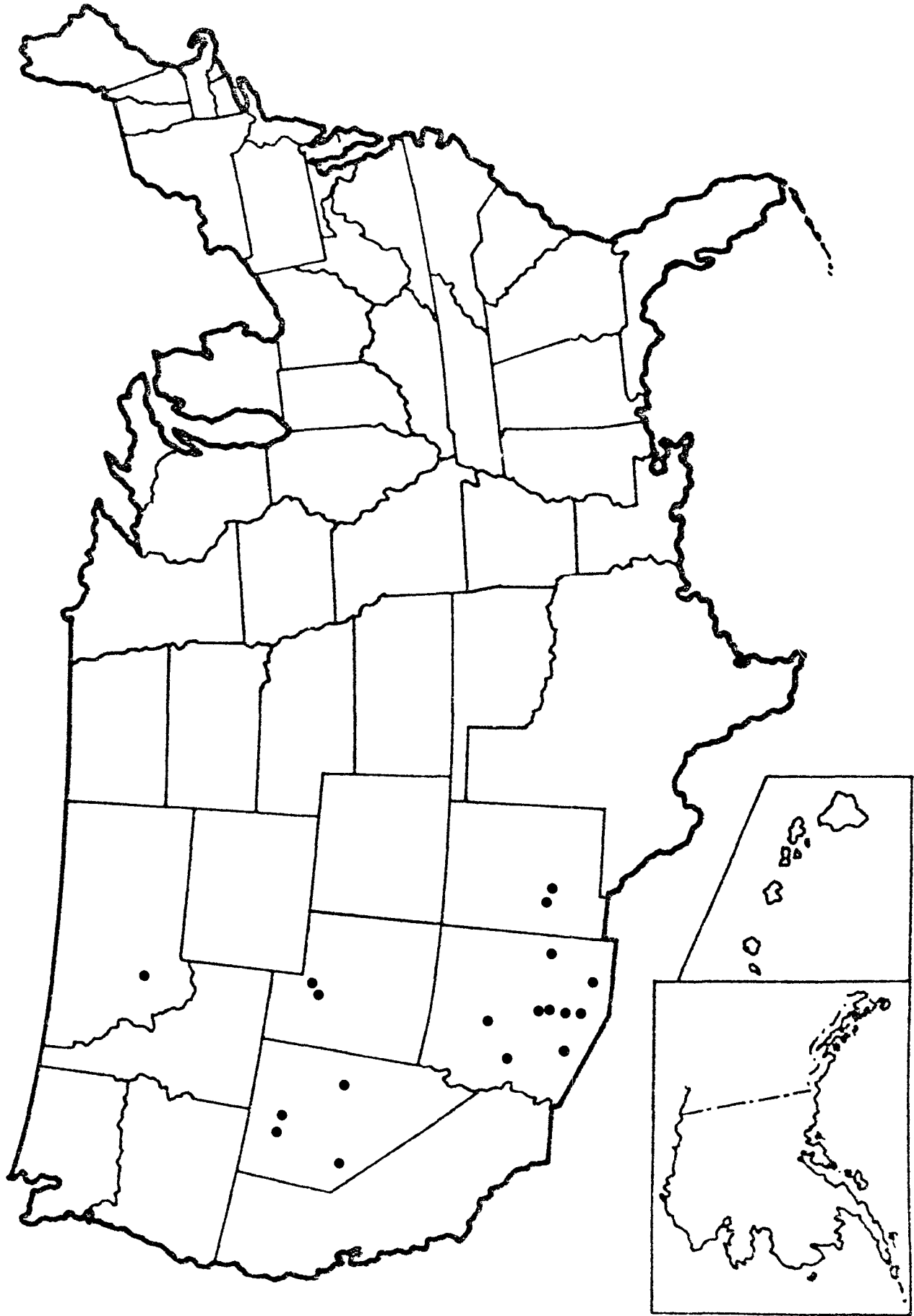
Fort Scott	Tower Company
Winston-Salem	Brenor Industries

SOURCE: U.S. Environmental Protection Agency compilation based on data from the U.S. Bureau of Mines and U.S. Department of Commerce

Copper Precipitation Plants in the United States

The copper precipitation industry utilizes ferrous scrap as precipitation iron. The scrap is placed in a solution of copper sulfate, and in a chemical reaction the copper is displaced by the iron, thus forming iron sulfate. The copper is precipitated and extracted.

The scrap used by precipitators must have a large surface area. Therefore, scrap steel cans are commonly used by precipitators. Currently, municipal ferrous scrap must be preprocessed and/or detinned before being utilized by copper precipitators. Processors heat treat the scrap to remove coatings, tin, lacquer and labels, then shred to specifications required by precipitators. Detinners serve the function of heat treatment in their tin recovery process.



LOCATIONS OF COPPER PRECIPITATION PLANTS IN THE UNITED STATES

COPPER PRECIPITATION PLANTS IN THE UNITED STATES

LOCATION

COMPANY

Arizona

Ajo	Phelps Dodge Corporation (Big Hole Mining Co., lessee)
Bagdad	Bagdad Copper Corporation
Bisbee	Phelps Dodge Corporation (Copper Queen Branch)
Inspiration	Inspiration Consolidated Copper Company 5 plants--Black Copper, Live Oak, Ore Hide, Red Hill, Thornton
Miami	Cities Service Co. (Miami Copper Operations) 3 plants
Miami	Ranchers Exploration and Development Corporation 2 plants
Mineral Park	Duval Corporation
Morenci	Phelps Dodge Corporation (Morenci Branch)
Ray	Kennecott Copper Corporation (Ray Mines Division)
Tuscon	American Smelting and Refining Company
Tuscon	Duval Corporation
Yavapai County	McAlester Fuel Company

Montana

Butte	The Anaconda Company
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Nevada

Battle Mountain	Duval Corporation
Ely	Kennecott Copper Corporation (Nevada Mines Division)
Yerington	The Anaconda Company
Winnemucca	Ranchers Exploration and Development Corporation

<u>Location</u>	<u>Company</u>
<u>New Mexico</u>	
Hurley	Kennecott Copper Corporation (Chino Mines Division)
Tyrone	Phelps Dodge Corporation
<u>Utah</u>	
Bingham Canyon	Kennecott Copper Corporation (Utah Copper Corporation)
Lisbon Valley, Moab	Keystone Wallace Resources

Source: U.S. Bureau of Mines, Division of Non-ferrous Metals

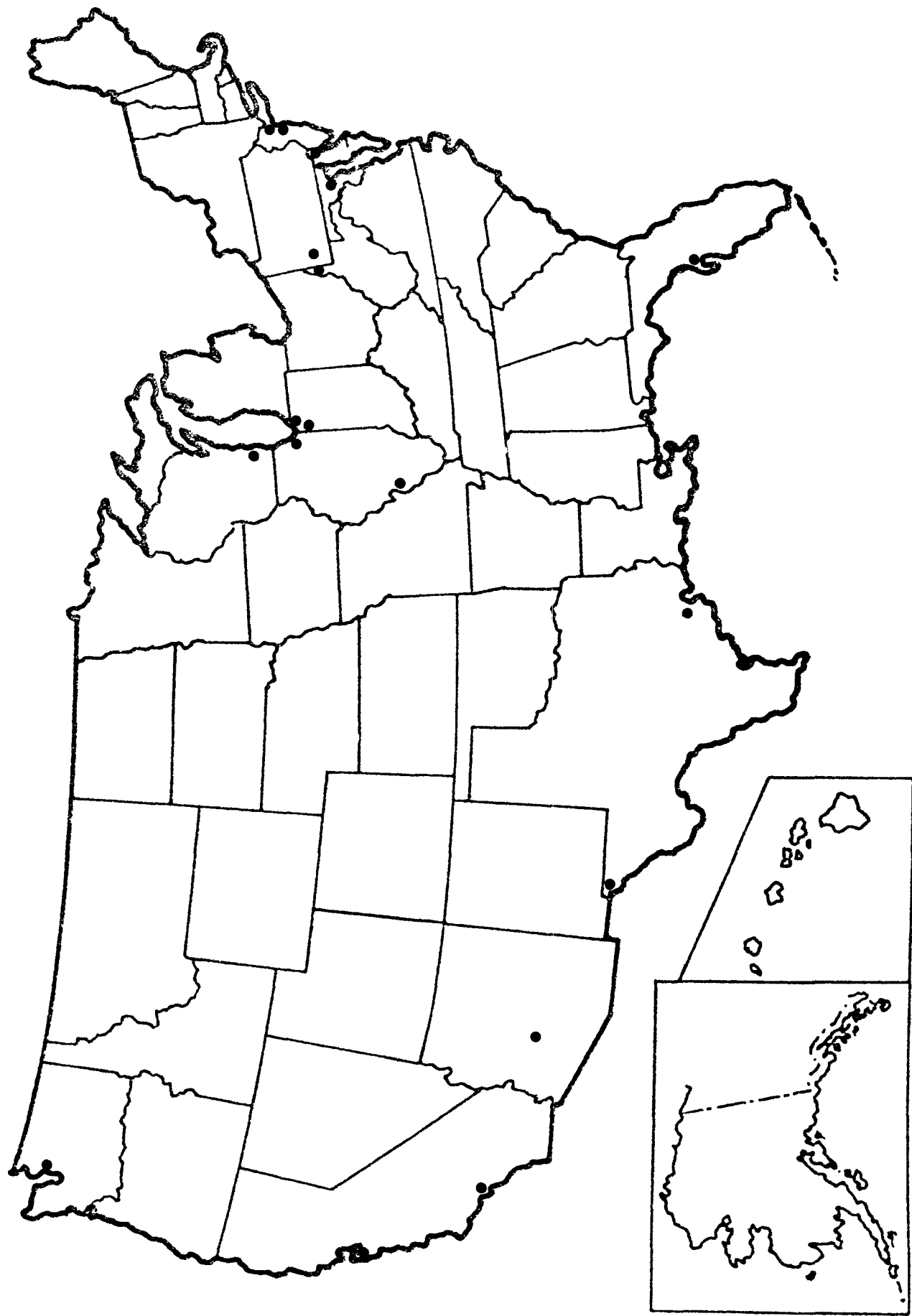
Detinning Plants in the United States

Detinners chemically process "tin plate" such as that in cans for removal of the tin content. Although tin is the primary product, the resulting "tin-free" steel is also valuable as a raw material to the steel or copper precipitation industries.

Thus, in a sense detinners are actually processors, not users, of post-consumer ferrous. They have the capability of not only recovering tin, but, also of eliminating unwanted residuals and upgrading the ferrous product for sale to final users.

Currently, there are only twenty detinning plants in the United States. However, the industry has the flexibility to construct detinning facilities on or near the site of significant sources of scrap cans such as would be supplied by a large scale, e.g. 2,000 TPD resource recovery plant.

LOCATIONS OF DETINNING PLANTS IN THE UNITED STATES



DETINNING PLANTS IN THE UNITED STATES

LOCATION

COMPANY

Arizona

Phoenix National Metals

California

Los Angeles McCloud Metals

Los Angeles Vulcan Materials Co., Vulcan Metals Division

San Francisco American Can Co., M & T Chemicals Division

Delaware

Wilmington Metal Cleaning & Processing Co.

Florida

Tampa American Can Co., M & T Chemicals Division

Illinois

Chicago American Can Co., M & T Chemicals Division

East St. Louis Vulcan Materials Co., Vulcan Metals Division
(plant not in operation)

Indiana

Gary Vulcan Materials Co., Vulcan Metals Division

Schereville Maynard Metals

Maryland

Baltimore American Can Co., M & T Chemicals Division

Baltimore Vulcan Materials Co., Vulcan Metals Division

LOCATIONCOMPANYNew Jersey

Elizabethport

American Can Co., M & T Chemicals Division

Newark

Vulcan Materials Co., Vulcan Metals Division
(plant not in operation)Pennsylvania

Pittsburgh

Vulcan Materials Co., Vulcan Metals Division

Texas

Houston

Vulcan Materials Co., Vulcan Metals Division

Vinton

Proler International Corporation

Washington

Seattle

American Can Co., M & T Chemicals Division

West Virginia

Weirton

National Steel Corporation

Wisconsin

Milwaukee

Wisconsin Metals & Chemical Corporation

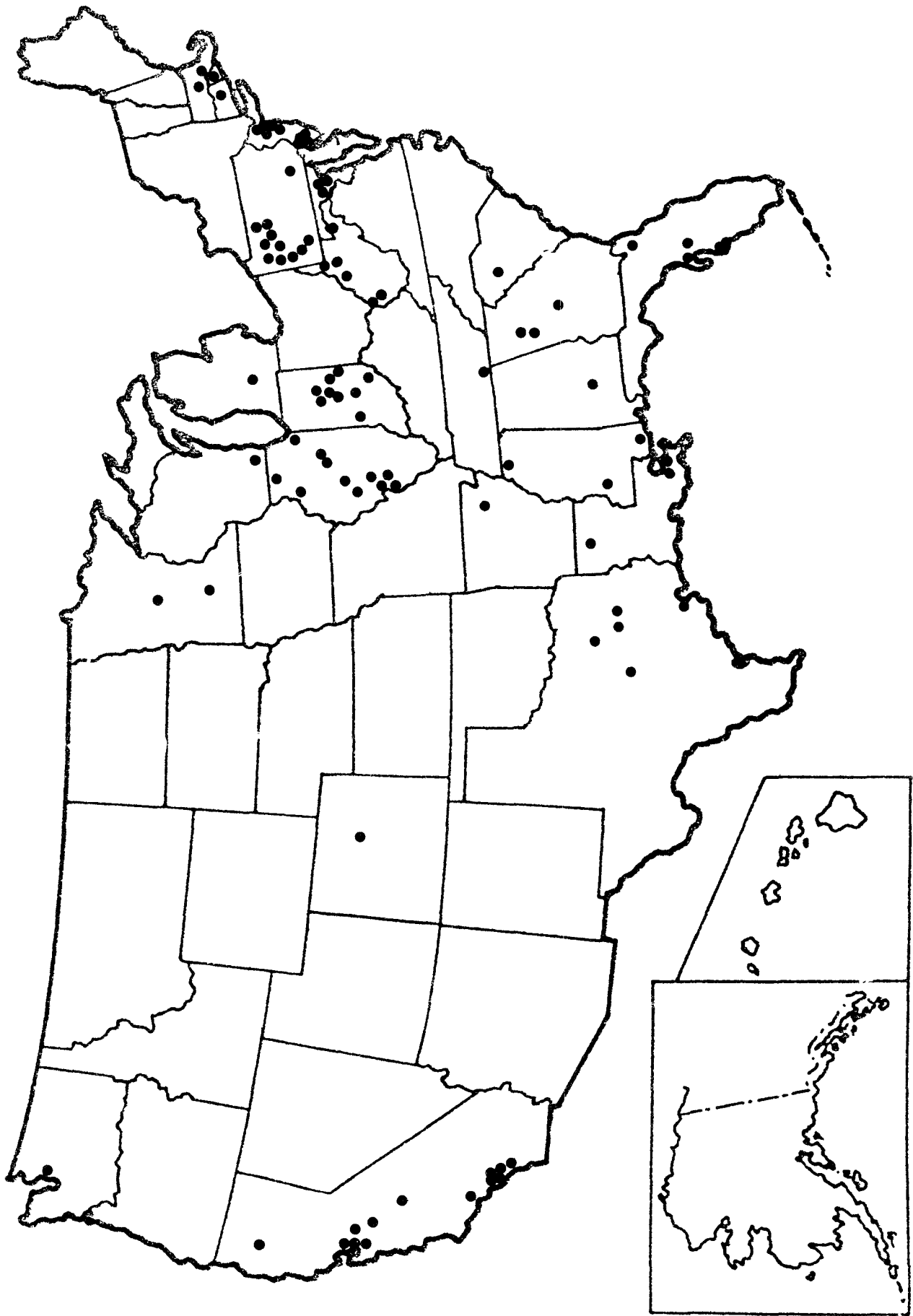
Source: Bureau of Mines, Division of Non-ferrous Metals

Glass Manufacturers

The glass industry consists of three segments: containers (bottles and jars), flatglass, and pressed and blown glass. In terms of relative importance, glass containers far outrank the other two on a tonnage basis and represent nearly 90 percent of all glass discarded as waste. Container manufacturers consume over 70 percent of the raw material used by the glass industry, one percent of which is purchased post-consumer cullet (glass scrap). The following list focuses on the Glass Container Manufacturers as they represent the segment of the industry with the greatest potential for increased utilization of cullet.

Glass manufacture is a fully integrated "one step" process in the sense that manufacturers start with the basic raw materials and end with the finished product at the same location. In the glassmaking process, cullet is a commonly used input material. However, manufacturers strongly favor internally generated cullet to purchased post-consumer cullet because they have no question about its quality.

Glass container plants tend to be located close to their customer or consuming markets; however, the source of basic raw materials (sand) is also a factor in plant location. While these plants are located in virtually all areas of the country, they tend to be concentrated in the East, North, Central, Pacific, and Mid-Atlantic states near population centers.



LOCATIONS OF GLASS MANUFACTURING PLANTS IN THE UNITED STATES

GLASS MANUFACTURING PLANTS IN THE UNITED STATES*

<u>LOCATION</u>	<u>COMPANY</u>	<u>PLANT MELTING CAPABILITIES**</u>
<u>Alabama</u>		
Montgomery	Brockway Glass Co., Inc.	Flint, Green
<u>Arkansas</u>		
Jonesboro	Arkansas Glass Co.	Flint
<u>California</u>		
Antioch	Glass Container Corporation	Flint
El Monte	Ball Corporation	Flint
Hayward	Glass Container Corporation	Flint, Green
Los Angeles	Anchor Hocking Corporation	Flint, Amber, Green
Los Angeles	Latchford Glass Co.	Flint, Amber
Los Angeles	Owens-Illinois, Inc.	Flint, Green
Madera	Madera Glass Co.	Green
Oakland	Brockway Glass Co., Inc.	Flint
Oakland	Owens-Illinois, Inc.	Flint, Amber, Green
Pomona	Brockway Glass Co., Inc.	Flint
San Leandro	Anchor Hocking Corporation	Flint
Santa Ana	Kerr Glass Manufacturing Co.	Flint, Amber
Saugus	Thatcher Glass Manufacturing	Flint, Amber, Green
Tracy	Owens-Illinois, Inc.	Flint
Vernon	Glass Container Corporation	Flint, Amber, Green

<u>LOCATION</u>	<u>COMPANY</u>	<u>PLANT MELTING CAPABILITIES**</u>
<u>Colorado</u>		
Wheat Ridge	Columbine Glass Company	Amber
<u>Connecticut</u>		
Dayville	Glass Container Corporation	Flint, Amber, Green
<u>Florida</u>		
Bradenton	Tropicana (Industrial Glass Co.)	Flint
Jacksonville	Anchor Hocking Corporation	Flint
Lakeland	Owens-Illionis, Inc.	Flint
Tampa	Thatcher Glass Manufacturing Co.	Flint, Amber
<u>Georgia</u>		
Forest Park	Glass Container Corporation	Flint
Haperville	Owens-Illinois, Inc.	Flint, Green
Warner Robbins	Midland Glass Company	Amber
<u>Illinois</u>		
Alton	Owens-Illinois, Inc.	Flint, Amber
Chicago	Owens-Illinois, Inc.	Flint
Dolton	Metro Containers	NA
East St. Louis	Indian Head, Inc. (Obear-Nester Company)	Flint, AMber, Green
Gurnee	Anchor Hocking Corporation	Flint
Hillsboro	Hillsboro Glass Company	Flint
Lincoln	Indian Head, Inc. (Obear-Nester Company)	Flint, Amber, Green

Mundelein	Ball Corporation	Flint
East St. Louis	Indian Head, Inc. (Obear-Nester Company)	Flint, Amber, Green
Rockdale	Universal Glass Company	Flint
Streator	Owens-Illinois, Inc.	Flint, Amber, Green
Streator	Thatcher Glass Manufacturing Co.	Flint, Amber

Indiana

Dunkirk	Kerr Glass Manufacturing Co.	NA
Gas City	Glass Container Corporation	Flint
Gas City	Owens-Illinois	Flint
Indianapolis	Glass Container Corporation	Flint
Lapel	Brockway Glass Company, Inc.	Flint
Lawrenceburg	Thatcher Glass Manufacturing Co.	Flint, Amber
Marion	Foster-Forbes Glass Co.	Flint, Amber
Terre Haute	Midland Glass Company	Flint, Amber
Winchester	Anchor Hocking Corporation	Flint, Amber

Louisiana

New Orleans	Owens-Illinois, Inc.	Flint, Green
New Orleans	Underwood Glass Co.	Flint, Green
Ruston	Indian Head, Inc. (Lawrens Company)	Flint, Green

Maryland

Baltimore	Anchor Hocking Corporation (Carr-Lowery)	NA
Baltimore	Chattanooga Glass Company	Flint
Baltimore	Columbia Glass Company	Amber

<u>LOCATION</u>	<u>COMPANY</u>	<u>PLANT MELTING CAPABILITIES**</u>
<u>Massachusetts</u>		
Mansfield	Owens-Illinois	Flint, Green
Milford	Foster-Forbes Glass Company	Flint, Amber
<u>Minnesota</u>		
Rosemount	Brockway Glass Company, Inc.	Flint
Shakopee	Midland Glass Company	Flint, Amber, Green
<u>Michigan</u>		
Charlotte	Owens-Illinois, Inc.	Flint, Amber
<u>Mississippi</u>		
Gulfport	Chattanooga Glass Co.	Flint, Amber
Jackson	Glass Container Corporation	Flint
Mineral Wells	Chattanooga Glass Co.	Flint
<u>New Jersey</u>		
Bridgeton	Leone Industries	Flint
Bridgeton	Owens-Illinois, Inc.	Flint, Amber, Glass
Carteret	Metro Containers	NA
Cliffwood	Midland Glass Co.	Flint, Amber, Green
Freehold	Brockway Glass Co., Inc.	Flint
Jersey City	Metro Containers	NA
Millville	Kerr Glass Manufacturing Co.	NA
Millville	Wheaton Industries (2 plants)	Flint, Amber, Green
North Bergen	Owens-Illinois, Inc.	Flint, Green
Salem	National Battle Corp. (Gaynor Glass)	Flint, Green

<u>LOCATION</u>	<u>COMPANY</u>	<u>PLANT MELTING CAPABILITIES**</u>
<u>New Jersey (cont.)</u>		
Wharton	Thatcher Glass Manufacturing Co.	Flint, Amber
<u>New York</u>		
Brockport	Owens-Illinois, Inc.	Flint, Green
Elmira	Thatcher Glass Manufacturing Co.	Flint, Amber, Green
Orangeburg	Glenshaw Glass Company	Flint, Green
<u>North Carolina</u>		
Asheville	Ball Corporation	Flint
Henderson	Indian Head, Inc. (Laurens)	Flint, Green
Winston-Salem	Owens-Illinois, Inc.	Flint, Amber
<u>Ohio</u>		
Mount Vernon	Chattanooga Glass Co.	Flint, Green
Zanesville	Brockway Glass Co., Inc.	Flint, Amber
<u>Oklahoma</u>		
Ada	Brockway Glass Co., Inc.	Flint
Muskagee	Brockway Glass, Co., Inc.	Flint
Okmulgee	Ball Corporation	Flint
Sand Springs	Kerr Glass Manufacturing Co.	NA
Sapula	Bartlett-Collins Co.	Flint
Sapula	Liberty Glass Co.	Flint, Green
<u>Oregon</u>		
Portland	Owens-Illinois, Inc.	Flint, Amber

<u>LOCATION</u>	<u>COMPANY</u>	<u>PLANT MELTING CAPABILITIES**</u>
<u>Pennsylvania</u>		
Brockway	Brockway Glass Co., Inc.	Amber
Clarion	Owens-Illinois, Inc.	Flint
Cornellsville	Anchor Hocking Corporation	Flint, Green
Crenshaw	Brockway Glass Co., Inc.	Flint
Glenshaw	Glenshaw Glass Co.	Flint, Amber, Green
Knox	Glass Container Corporation	Flint
Marienville	Glass Container Corporation	Flint
Oil City	Foster-Forbes Glass Co.	Flint, Green
Parker	Glass Container Corporation	Flint
Port Allegheny	Indian Head, Inc. (Pierce Co.)	Flint
Royersford	Diamond Glass Co.	Flint
Washington	Brockway Glass Co., Inc.	Flint, Green
Washington	Metro Containers	NA
<u>Rhode Island</u>		
Coventry	National Bottle Corporation (Star City Glass)	Flint, Green
<u>South Carolina</u>		
Laurens	Indian Head, Inc. (Laurens Co.)	Flint, Green
<u>Tennessee</u>		
Chattanooga	Chattanooga Glass Company	Flint, Green

<u>LOCATION</u>	<u>COMPANY</u>	<u>PLANT MELTING CAPABILITIES**</u>
<u>Texas</u>		
Corsicana	Chattanooga Glass Co.	Flint, Green
Houston	Anchor Hocking Corporation	Flint, Amber
Palestine	Glass Container Corporation	Flint
Waco	Owens-Illinois, Inc.	Flint, Amber
Waxahachie	Kerr Glass Manufacturing Co.	Flint, Amber
<u>Washington</u>		
Seattle	Indian Head, Inc. (Northwestern)	Flint, Amber, Glass
<u>West Virginia</u>		
Clarksburg	Brockway Glass Co., Inc.	NA
Fairmont	Owens-Illinois	Flint, Green
Huntington	Kerr Glass Manufacturing Co.	NA
Huntington	Owens-Illinois	Flint
Keyser	Chattanooga Glass Co.	Flint
Parkersburg	Universal Glass Co.	Flint
<u>Wisconsin</u>		
Burlington	Foster-Forbes Glass Co.	Flint, Amber

*Source: U.S. Environmental Protection Agency compilation based on data from the Glass Containers Manufacturers Institute.

**Plant melting capabilities denote the colors of product each plant produces, either with the same or different furnaces. The particular color or colors a plant is producing at a given time varies depending on market demand situations.

Paper Mills in the United States

The paper industry produces products in three broad categories:

Paper: newsprint, printing paper, tissue, kraft packaging, and other specialty papers.

Paperboard: linerboard, corrugating medium (these are the components of corrugated boxes), boxboard (both food and non-food board), chipboard, tube board, and specialty boards.

Construction paper and board: roofing felt, insulation board, gypsum linerboard, and other specialty products.

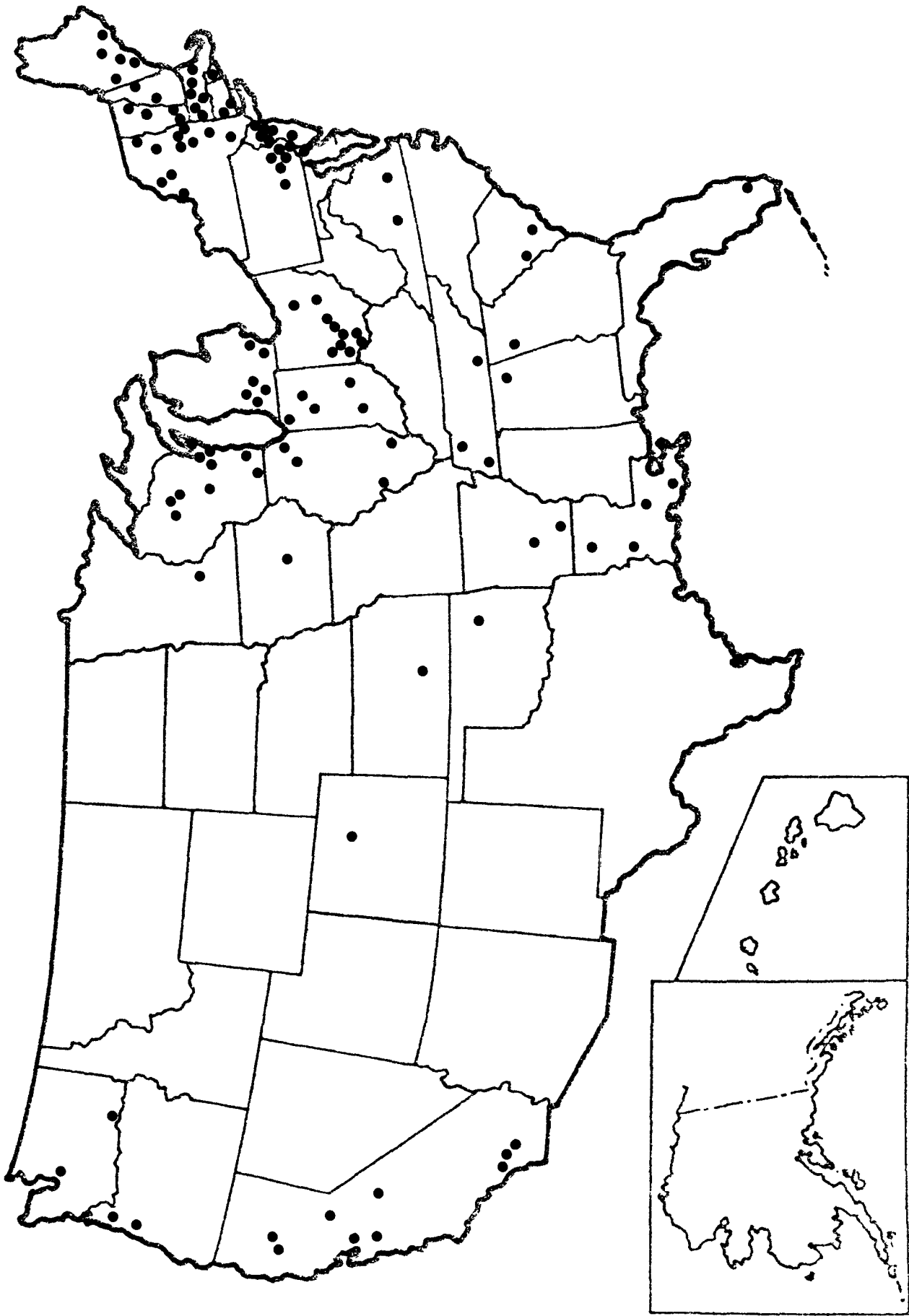
The paperboard segment accounts for the highest percentage of the wastepaper consumed by the industry (approximately 70 percent), while the paper and construction product segments account for about 19 and 11 percent respectively according to American Paper Institute statistics.

The list of mills which follows includes a product designation for each mill. It also includes machine type and total plant capacity. With a few exceptions the machines are classified as "fourdrinier" and "cylinder." While this is not of particular concern to the layman, it may be noticed that "cylinder" type machines are frequently utilized where wastepaper is consumed.

The total plant capacity provides some indication of potential wastepaper consumption, but does not suggest any particular level of consumption. In fact, those mills designated as using secondary fiber may use wastepaper as all or only a small portion of their input. It

was not possible to indicate the percentage of wastepaper used or the grade. However, general benchmarks for wastepaper use are as follows:

<u>Product</u>	<u>Primary Wastepaper Type Used</u>
Printing paper, tissue	High grade, e.g. discarded printing paper
Newsprint	Old newspapers
Linerboard, corrugating medium	Corrugated containers
Boxboard, chipboard	Corrugated containers, old newspapers, mixed paper, high grades
Construction paper and board	Mixed paper, old newspaper, corrugated containers, high grades



LOCATIONS OF PAPER MILLS IN THE UNITED STATES
KNOWN TO UTILIZE SECONDARY FIBER

PAPER MILLS IN THE UNITED STATES

<u>LOCATION</u>	<u>COMPANY</u>	<u>PRODUCT</u>	<u>MACHINE TYPE</u>	<u>CAPACITY* (TPD)</u>	<u>COMMENTS</u>
<u>Alabama</u>					
Anniston	National Gypsum Co.	Gypsum board liner	Cylinder	195	Secondary fiber utilization
Birmingham	McGraw Edison Co.	Fiber pipe		n.a.	
Brewton	Container Corp. of America	Linerboard	Fourdrinier	900	
Butler	American Can Co.	Tissue, food board	Fourdrinier	900	
Coosa Pines	Kimberly-Clark Corp.	Newsprint	Fourdrinier	1,200	
Courtland	Champion International	Printing paper	Fourdrinier	260	
Demopolis	Gulf States Paper Corp.	Foodboard	Fourdrinier	450	
Jackson	Allied Paper Inc.	Printing paper	Fourdrinier	250	
Mahrt	Alabama Kraft Co.	Containerboard	Fourdrinier	975	
Mobile	GAF Corp.	Roofing felt	Cylinder	120	
	International Paper Co.	Newsprint, kraft papers	Fourdrinier	1,250	
	National Gypsum Co.	Insulation board	Cylinder Fourdrinier	350	
	Scott Paper Co.	Printing paper Specialty board Food board Tissue	Cylinder Fourdrinier	690 665	
Mobile	Stone Container Corp.	Boxboard, liner- board	Cylinder	96	
Montgomery	Union Camp Corp.	Linerboard	Fourdrinier	900	
Pine Hill	Macmillan Bloedel Inc.	Linerboard	Fourdrinier	1,000	
Selma	Hammermill Paper Co.	Market pulp	--	--	
Stevenson	Mead Corp.	Corrugating medium	Fourdrinier	650	
Tuscaloosa	Gulf States Paper Corp.	Kraft paper	Fourdrinier	500	
<u>Arizona</u>					
Flagstaff	Ponderosa Paper	Toweling	Fourdrinier	80	
Snowflake	Southwest Forest Industries, Inc.	Newsprint	Fourdrinier	250	
		Linerboard	Fourdrinier	450	
<u>Arkansas</u>					
Ashdown	Nekoosa Edwards Paper	Writing paper	Fourdrinier	200	
Bearden	Bear Brand Roofing Inc.	Roofing felt	Cylinder	22	
Camden	Celotex Corp.	Roofing felt	Cylinder	700	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>	
Arkansas (cont.)						
Crossett	Georgia-Pacific Corp.					
	No. 1 Mill	Kraft paper	Fourdrinier	440	Secondary fiber utilization	
	No. 2 Mill	Paperboard	Fourdrinier	410		
No. 3 Mill	Tissue	Fourdrinier	225			
Little Rock	A.R. Felt Mills Inc.	Roofing felt	Cylinder	37		
Morrilton	Arkansas Kraft Corp.	Linerboard	Fourdrinier	420		
N. Little Rock	Superwood Corp.	Hardboard	Fourdrinier	140		
Pine Bluff	International Paper Co.	Coated board) Newsprint)	Fourdrinier Fourdrinier	1,600	Secondary fiber utilization	
	Weyerhaeuser Co.	Kraft papers	Fourdrinier	200		
Stephens	Elk Roofing Co.	Roofing felt	Fourdrinier	80		
California						
Anderson	Simpson-Lee Paper Co.	Printing paper	Fourdrinier	155		
Antioch	Crown Zellerbach Corp.	Kraft paper, corrugating medium, tissue	Multiformer	400	Secondary fiber utilization	
	Fibreboard Corp.	Corrugating medium, boxboard	Fourdrinier	810		
		Boxboard	Cylinder	90		
Berkeley	Packaging Co. of Cal.	Molded pulp	Pulp molders	50		
City of Industry	Sonoco Products Co.	Core & tube	Cylinder	60		
Compton	Lloyd A. Fry Roofing Co.	Roofing felt	Cylinder	70		
Fontana	Fontana Paper Mills, Inc.	Dry felt	Fourdrinier	36		
Fresno	Cellulo Co., Inc.	Asbestos filter paper	Fourdrinier	n.a.		
Fullerton	Kimberly-Clark Corp.	Tissue	Fourdrinier	165	Secondary fiber utilization	
LaVerne	Northwest Mills Inc.	Cellulose wadding	Fourdrinier	10		
Los Angeles	Celotex Corp.	Felt	Cylinder	55		
	Container Corp. of America	Box-linerboard, corrugating medium	Cylinder Fourdrinier	300	Secondary fiber utilization	
	Crown Zellerbach Corp.	Tissue, Toweling	Multiformer	80		
	Federal Paper Board Co.	Boxboard	Cylinder	120		
	Fibreboard Corp.	Containerboard, Boxboard	Cylinder	175	Secondary fiber utilization	
	Los Angeles Paper Box & Board Mills	Boxboard	Cylinder	70		
	Newark	American Forest Products Corp.	Corrugating Medium	Fourdrinier	125	
Newark	Inland Container Corp.	Comb. board	n.a.	126		

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>California (cont.)</u>					
Newark	McGraw Edison Co.	Pipe	n.a.	n.a.	
Orange	Potlatch Corp.	Tissue	Fourdrinier	94	
Oxnard	Charmin Paper Products Co.	Tissue	Fourdrinier	220	
Pittsburg	Johns-Manville Products Corp.	Roofing felt	Cylinder	110	
Pomona	Garden State Paper Co.	Newsprint	Fourdrinier	310	Secondary fiber utilization
	Northwest Paper Div.	Printing papers	Fourdrinier	260	Secondary fiber utilization
	Sierra Tissue Co.	Wadding	Cylinder	10	
Port Hueneme	Western Kraft Corp.	Corrugating Medium	Cylinder	100	
Red Bluff	Diamond Int'l. Corp.	Molded pulp	n.a.	n.a.	Secondary fiber utilization
Richmond	Certain-Teed Products	Roofing felt	Cylinder	C 56	
	Sonoco Products Co.	Tube board	Cylinder	92	
Ripon	Simpson-Lee Paper Co.	Printing and Writing papers	Fourdrinier	90	
Rocklin	Fibreboard Corp.	Fibreboard	n.a.	n.a.	Under construction
Sacramento	Keyes Fibre Co.	Molded pulp	Pulp molders	n.a.	
San Leandro	Kaiser Gypsum Co., Inc.	Chip-liner-box board	Cylinder	120	
Santa Clara	Container Corp. of America	Boxboard	Cylinder	185	Secondary fiber utilization
	Georgia-Pacific Corp.	Corrugating medium	Cylinder	130	
Santa Fe Springs	Specialty Paper Mills	Corrugating medium, Linerboard	Fourdrinier	75	
South Gate	Anchor Paper Mills Inc.	Roofing felt	Cylinder	30	
	U.S. Gypsum Co.	Felt Newsboard, Chipboard	Cylinder	70	
Stockton	Fibreboard Corp.	Boxboard, Linerboard	Cylinder-Multiformer	280	Secondary fiber utilization
Ukiah	Masonite Corp.	Hardboard	Fourdrinier	n.a.	
Vernon	The Flintkote Co.	Boxboard, Wallboard Felt	Cylinder	225	Secondary fiber utilization
<u>Colorado</u>					
Denver	Packaging Corp. of America	Linerboard Boxboard	Cylinder	100	Secondary fiber utilization
<u>Connecticut</u>					
East Hartford	The Burnside Co. Inc.	Kraft board	Fourdrinier	20	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>Connecticut</u>					
East Hartford	Cellu Products Co.	Tissue	Fourdrinier	60	
Manchester	Colonial Fiber Co. Manchester Plant Lydall & Foulds Div.	Fiberboard	Wet former	40	
		Combination boards	Cylinder	75	
	Rogers Corp.	Fiberboard	Wet former	10	
Montville	Federal Paper Board Co.	Folding boxboard	Cylinder	55	Paper mill is idle
	Robertson Paper Box Co.	Folding boxboard	Cylinder	65	
New Haven	Federal Paper Board Co.	Boxboard	Cylinder	150	Plant closed
	Simkins Industries Inc.	Folding boxboard	Cylinder	220	Secondary fiber utilization
New Milford	Kimberly-Clark Corp.	Tissue	Fourdrinier	150	Secondary fiber utilization
Oneco	Case& Risley Press Paper Inc.	Folding box, Specialty boards	Wet former	10	
Rogers	Rogers Corp.	Fiberboard	Cylinder	35	
Seymour	Seymour Paper Mills Inc.	Tissue	Cylinder	10	
Sprague	Federal Paper Board Co.	Coated boards	Multiformer	425	
Stratford	Tilo Co., Inc.	Roofing felt	Cylinder	35	
Uncasville	Connecticut Paperboard	Corrugating medium	Fourdrinier	110	Paper mill is idle
Versailles	Federal Paper Board Co.	Coated board	Cylinder	205	
Windsor	Stevens Paper Mills, Inc.	Fiberboard		8	
Windsor	Dexter Corp.	Specialty papers	Fourdrinier	60	
<u>Delaware</u>					
Newark	Curtis Paper Co.	Printing papers	Fourdrinier	25	
	NVF Co.	Base for fiber	Fourdrinier	10	
Rockland	Doeskin	Tissue	Fourdrinier	60	
Wilmington	Container Corp. of America	Corrugating medium	Fourdrinier	90	Secondary fiber utilization
Yorklyn	NVF Co.	Base for fiber	Fourdrinier	60	
	Marshall Bros. Mill No. 2 Mill	Base for fiber	Fourdrinier	60	
<u>Florida</u>					
Blountstown	Abitibi Corp.	Hardboard	Cylinder	100	
Cantonment	St. Regis Paper Co.	Linerboard	Fourdrinier	580	
Fernandina Beach	Container Corp. of America	Linerboard & corrugating medium	Fourdrinier	1,700	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
Florida (cont'd)					
Jacksonville	Alton Box Board Co.	Linerboard	Fourdrinier	625	Secondary fiber utilization
	Lloyd A. Fry Roofing Co.	Felt	Cylinder	60	
	St. Regis Paper Co.	Linerboard,, Wrapping	Fourdrinier	1,300	
	United States Gypsum Co.	Gypsum board liner	Cylinder	190	
Miami	Florida Paper Mills Ltd.	Wadding	Fourdrinier	25	
	Lloyd A. Fry Roofing Co.	Roofing felt	Cylinder	60	
	Simkins Industries Inc.	Boxboard	Cylinder	100	
Palatka	Hudson Pulp & Paper Co.	Kraft paper Tissue	Fourdrinier	550	
			Fourdrinier	220	
Panama City	International Paper Co.	Container board	Fourdrinier	700	
Pensacola	Armstrong Cork Co.	Acoustical board	n.a.	n.a.	
Port St. Joe	St. Joe Paper Co.	Linerboard	Fourdrinier	1,200	
Georgia					
Albany	Charmin Paper Products	Tissue	Fourdrinier	n.a.	Secondary fiber utilization
Atlanta	Sonoco Products Co.	Tube board	Cylinder	110	
Augusta	Abitibi Southern Corp.	Newsprint	Fourdrinier	500	
	Continental Can Co. Inc	Kraftboard	Fourdrinier	725	
Austell	Austell Box Board Corp.	Boxboard	Cylinder	300	
Brunswick	Brunswick Pulp & Paper	Container board	Fourdrinier	400	
Cedar Springs	Great Northern Paper Co.	Linerboard	Fourdrinier	1,700	
		Corrugating medium	Fourdrinier	400	
Cedartown	Alton Box Board Co.	Boxboard	Cylinder	48	
Krannert	Georgia Kraft Co.	Linerboard	Fourdrinier	1,600	
Macon	Armstrong Cork Co.	Insulation board	n.a.	n.a.	
	Georgia Kraft Co.	Container board	Fourdrinier	900	
	Packaging Corp. of America	Egg Cartons	Pulp molders	60	
Nixon	Southern Glassine Co.	Glassine	Fourdrinier	40	
Port Wentworth	Continental Can Co., Inc.	Linerboard	Fourdrinier	625	
Riceboro	Interstate Paper Corp.	Linerboard	Fourdrinier	550	
Savannah	Certain-Teed Products	Felt	Cylinder	70	
	GAF Corp.	Felt	Cylinder	125	
	Union Camp Corp.	Kraft paper, corrugating medium	Fourdrinier	2,000	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>Georgia (cont)</u>					
St. Marys	Gilman Paper Co.	Kraft paper	Fourdrinier	350	
Valdosta	Owens-Illinois, Inc.	Linerboard	Fourdrinier	900	
<u>Idaho</u>					
Lewiston	Pollack Corp. Consumer Products Div.	Tissue	Fourdrinier	50	
	Pulp & Paperboard Div.	Boxboard	Fourdrinier	700	
<u>Illinois</u>					
Aisip	F.S.C. Paper Corp.	Newsprint	Fourdrinier	265	
Alton	Alton Box Board Co.	Corrugating medium	Cylinder	800	Secondary fiber utilization
Aurora	The Davey Co.	Fiberboard	Wet former	100	
Chicago	Bird & Son, Inc.	Felt	Cylinder		
	Container Corp. of America	Liner, box container board	Cylinder	140	Secondary fiber utilization
	Lloyd A. Fry Roofing Co.	Felt	Cylinder	120	
	Western Electric Co.	Cable paper	Cylinder	35	
East St. Louis	Certain-Teed Products	Felt	Cylinder	100	
Freeport	Minnesota Mining & Mfg.	Cellulose specialties	Cylinder	35	
Joliet	RAF Corp.	Felt	Cylinder	230	
	Johns-Manville Perlite	Insulation board	Fourdrinier	50	
	Franklin State Paper Mills	Kraft products	Fourdrinier	150	
Marshall	Nabisco Inc.	Boxboard	Cylinder	155	
Morris	Federal Paper Board	Paper board	Cylinder	190	Secondary fiber utilization
Mount Carmel	The Flintkote Co.	Felt	Cylinder	75	
Pekin	Quaker Oats Co.	Boxboard	Cylinder	80	
Pennia	Bemis Co. Inc.	Kraft papers	Cylinder	50	
Quincy	Celotex Corp.	Felt	Cylinder	215	
	Celotex Corp.	Gypsum board	Cylinder	300	
Rockton	Sandco Products Co.	Newsboard	Cylinder	50	
Taylorville	Georgia-Pacific Corp.	Specialty printing papers	Fourdrinier	100	
Waukegan	Johns-Manville Products	Felt	Cylinder	160	
Wilmington	Celotex Corp.	Felt	Multiformer	60	
	Diamond International Corp.	Tissue		n.a.	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>Indiana</u>					
Brookville	Lloyd A. Fry Roofing Co.	Felt	Cylinder	50	
Brownstown	Keiffer Paper Mills Inc.	Chip & specialty board	Cylinder	125	
Carthage	Container Corp. of America	Corrugating medium	Fourdrinier	96	Secondary fiber utilization
Eaton	Clevepak Corp.	Chipboard	Cylinder	100	
Gary	Georgia-Pacific Corp.	Toweling	Fourdrinier	80	Secondary fiber utilization
Griffith	Packaging Corp. of America	Egg Cartons	pulp molders		
Hammond	Keyes Fibre Co.	Egg Cartons	pulp molders	n.a.	
Hartford City	Minnesota Mining & Mfg.	Printing papers	Fourdrinier	50	
Indianapolis	Beveridge Paper Co.	Industrial specialty paper	Cylinder	60	
Lafayette	Alton Box Board Co.	Laminated industrial boards	Cylinder	100	Secondary fiber utilization
Mishawaka	Lloyd A. Fry Roofing Co.	Felt	Fourdrinier	90	
Newport	Inland Container Corp.	Corrugating medium	Fourdrinier	350	Under construction
Terre Haute	Weston Paper & Mfg. Co.	Corrugating medium	Fourdrinier	370	Secondary fiber utilization
Vincennes	Vincennes Paper Mills	Tube stock	Cylinder	80	
Wabash	Container Corp. of America	Combination boxboard	Multiformer	250	Secondary fiber utilization
<u>Iowa</u>					
Dubuque	Celotex Corp	Ceiling tile	Fourdrinier	90	
Fort Madison	Consolidated Packaging	Corrugating medium	Fourdrinier	150	
Tama	Packaging Corp. of America	Boxboard	Cylinder	100	Secondary fiber utilization
<u>Kansas</u>					
Hutchinson	Packaging Corp. of America	Corrugating medium, linerboard	Cylinder	165	Secondary fiber utilization
Lawrence	Kansas Fibreboard Inc.	Liner-container board	Cylinder	100	
Phillipsburg	Royal Brand Roofing Inc.	Felt	Cylinder	70	
<u>Kentucky</u>					
Hawesville	Wescor Corp.	Corrugating medium	Fourdrinier	300	
Owensboro	W.R. Grace & co.	Specialty industrial papers	Fourdrinier	30	
Wickliffe	Westvaco Corp.	Printing paper	Fourdrinier	350	
<u>Louisiana</u>					
Bastrop	International Paper Co.	Corrugating medium	Fourdrinier	560	
	Louisiana Mill	Kraft paper	Fourdrinier	975	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>Louisiana (con't)</u>					
Bogalusa	Crown Zellerbach Corp.	Boxboard, corrugating medium Waterproof paper	Fourdrinier	1,350	
Campti	Western Kraft Corp.	Linerboard	Fourdrinier	300	Secondary fiber utilization
Deridder	Boise Southern Co.	Kraft paper Linerboard Newsprint	Fourdrinier	900 425 320	
Elizabeth	Calkraft Paper Co.	Kraft paper	Fourdrinier	300	
Hodge	Continental Can Co.	Kraft paper, corrugating medium	Fourdrinier	1,500	Secondary fiber utilization
Lockport	Valentine Pulp & Paper	Writing paper	Fourdrinier	125	Secondary fiber utilization
Marrero	Celotex Corp.	Insulating board	Fourdrinier	600	
New Iberia	Keyes Fibre Co.	Molded pulp	n.a.	n.a.	
New Orleans	National Gypsum Co.	Wallboard	Wet former	425	
	Southern Johns-Manville	Felt	Cylinder	125	
Pineville	Pineville Kraft Corp.	Kraft linerboard	Fourdrinier	800	
Port Hudson	Georgia-Pacific Corp.	Market pulp	--	--	
Shreveport	Bird & Sons Inc.	Felt	Cylinder	160	
Slidell	Slidell Felt Mills Inc.	Felt	Cylinder	27	
Springhill	International Paper Co.	Container board	Cylinder	1,020	
	Red River Paper Mills Inc.	Kraft board	Fourdrinier	265	
St. Francisville	Crown-Zellerbach Corp.	Kraft papers	Fourdrinier	510	
	St. Francisville Paper Co.	Printing papers	Fourdrinier	500	
West Monroe	Olinkraft Inc.	Kraft paper, corrugating medium	Fourdrinier	1,400	
<u>Maine</u>					
Augusta	Statler Tissue Corp.	Tissue	Fourdrinier	150	Secondary fiber utilization
Bar Mills	Colonial Fiber Co.	Insulating board	Wet former	21	
Belfast	Sherman & Co.	Water shank board	Wet former	3	
Brewer	Eastern Fine Paper Inc.	Writing paper	Fourdrinier	150	
Brunswick	Hearst Corp.	Newsprint, Groundwood Specialties	Fourdrinier	160	
Bucksport	St. Regis Paper Co.	Publication paper	Fourdrinier	650	Secondary fiber utilization
Chisholm	International Paper Co.	Groundwood papers	Fourdrinier	130	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>Maine (cont'd)</u>					
East Millinocket	Great Northern Paper Co.	Newsprint, Ground-wood specialties	Fourdrinier	1,080	
East Poland	Colonial Fiber Co.	Insulating board	Wet former	7	
Gardiner	Yorktowne Paper Mills of Maine, Inc.	Kraft board	Cylinder	80	
Jay	International Paper Co.	Writing paper	Fourdrinier	710	
Lincoln	Lincoln Pulp & Paper Co.	Bond papers Tissue	Fourdrinier	145 48	
Lisbon Falls	U.S. Gypsum Co.	Insulation board	Forming machines	n.a.	
Madawaska	Fraser Paper Ltd.	Printing paper Publication paper	Fourdrinier	480 500	
Madison	Kennebec River Pulp & Paper Co. Inc.	Groundwood paper	Fourdrinier	175	
Mechanic Falls	Marcal Paper Mills	Tissue	Fourdrinier	55	
Millinocket	Great Northern Paper Co.	Newsprint Mill wrapper	Cylinder Fourdrinier	1,150 35	
Old Town	Old Town Pulp Products Inc.	Molded pulp	Pulp molders	n.a.	
	Penobscot Co.	Tissue	Fourdrinier	100	
Rumford	Oxford Paper Co.	Printing paper	Fourdrinier	800	Secondary fiber utilization
Waterville	Keyes Fibre Co.	Egg cartons, packing	Pulp molders	n.a.	Secondary fiber utilization
Westbrook	S.D. Warren Co.	Book papers	Fourdrinier	550	
Winslow	Scott Paper Co.	Tissue	Fourdrinier	550	
Woodland	Georgia-Pacific Corp.	Newsprint Printing paper	Fourdrinier	300 100	
<u>Massachusetts</u>					
Adams	L.L. Brown Paper Co.	Writing papers	Fourdrinier	10	Secondary fiber utilization
	Rochester Paper Co.	Writing papers	Fourdrinier	50	Secondary fiber utilization
Baldwinsville	Baldwinsville Products Inc.	Tissue	Fourdrinier	100	
Boston	Diamond International Corp.	Printing papers	Fourdrinier	140	Secondary fiber utilization
	Perkit Folding Box Corp.	Boxboard	Cylinder	40	
Bridgewater	George O. Jenkins Co.	Fibreboard	Wet former	25	
Dalton	Crane & Co. Inc. Baystate Mill	Fine papers	Fourdrinier	14	Secondary fiber utilization
	Government Mill	Bank note paper	Fourdrinier	15	
	Old Berkshire Mill	Indus. carbon paper	Fourdrinier	2½	
	Pioneer Mill	Tracing paper	Fourdrinier	12	
	Bryon Weston Co.	Bond, parchment	Fourdrinier	40	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
East Pepperell	Pepperell Paper Co.	Kraft paper	Fourdrinier	115	
East Walpole	Bird & Son Inc.	Building papers	Cylinder	180	
	Hollingsworth & Vose Co.	Spec. industrial paper	Cylinder	45	
Erving	Erving Paper Mills	Tissue	Cylinder	100	
Fitchburg	Crocker Technical Papers Inc.	Electrical papers	Fourdrinier	24	
	Fitchburg Paper Co.	Printing papers	Fourdrinier	200	Secondary fiber utilization
	James River-Fitchburg Inc.	Kraft specialty papers	Cylinder	30	
	Weyerhaeuser Co.	Printing & specialty papers	Fourdrinier	315	
Haverhill	Haverhill Paperboard Corp.	Kraft specialty boards	Cylinder	280	
Holyoke	Brown Co.	Printing paper	Fourdrinier	110	
	NVF Co.	Specialty writing paper	Fourdrinier	25	
	Sonoco Products Co.	Specialty board	Cylinder	125	
	Valley Paper Co.	Writing paper	Fourdrinier	15	
Housatonic	Rising Paper Co.	Writing paper	Fourdrinier	40	
Lawrence	Lawrence Paperboard Corp.	Boxboard	Cylinder	155	
	Merrimac Paper Co. Inc.	Kraft board	Fourdrinier	70	
	Pleasant Valley Paper Mills	Chip-liner board	Fourdrinier	150	
Lee	Peter J. Schweitzer Div.	Printing tissue	Fourdrinier	58	
	Westfield River Paper Co.	Glassine	Fourdrinier	10	
Millers Falls	Millers Falls Paper Co.	Writing papers	Fourdrinier	20	
Monroe Bridge	Deerfield Specialty Papers	Glassine	Fourdrinier	40	
Natick	Natick Paperboard Corp.	Boxboard	Cylinder	90	
Otter River	Seaman Paper Co. of Massachusetts, Inc.	Carbonizing tissue	Fourdrinier	40	
Palmer	Diamond International Corp.	Molded pulp	Pulp molders	n.a.	
Russell	Texon Inc.	Specialty board	Fourdrinier	110	
	Westfield River Paper Co.	Glassine	Fourdrinier	37	
South Hadley	Marcal Paper Mills Inc.	Tissue	Fourdrinier	30	
	Texon Inc.	Fibreboard	Fourdrinier	15	
South Lee	Mead Corp.	Specialty papers	Fourdrinier	50	
Turners Falls	Esleeck Mfg. Co.	Writing papers	Fourdrinier	10	
	Strathmore Paper	Writing papers	Fourdrinier	n.a.	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
West Dudley	West Dudley Paper Co.	Boxboard	Cylinder	50	
Westfield	Stevens Paper Mills Inc.	Tissue	Fourdrinier	10	
West Groton	Groton Leatherboard Co.	Streotype dry mats	Wet former	n.a.	
	Hollingsworth & Vose Co.	Specialty indus. papers	Cylinder	35	
West Springfield	Premoid Corp.	Specialty indus. papers	Fourdrinier	30	
	Southworth Co.	Writing papers	Fourdrinier	15	Secondary fiber utilization
	Strathmore Paper Co.	Writing papers	Cylinder	120	Secondary fiber utilization
Wheelwright	Romar Tissue Mills Div.	Tissue	Fourdrinier	85	Mill is idle
<u>Michigan</u>					
Alpena	Abitibi Corp.	Hardboard	Fourdrinier	400	
	Fletcher Paper Co.	Printing papers	Fourdrinier	65	
Battle Creek	Michigan Carton Co. (St. Regis Paper Co.)	Boxboard	Cylinder	450	Secondary fiber utilization
Cheboygan	Charmin Paper Products Inc.	Tissue	Fourdrinier	100	
Constantine	Simplex Industries Inc.	Chipboard	Cylinder	50	
Detroit	Scott Paper Co.	Tissue	Fourdrinier	190	Secondary fiber utilization
Escanaba	Escanaba Paper Co.	Publication paper	Fourdrinier	600	
Filler City	Packaging Corp. of America	Corrugating medium	Fourdrinier	400	
Kalamazoo	Allied Paper Co.	Printing papers	Fourdrinier	450	Secondary fiber utilization
		Specialty papers	Fourdrinier	75	
		Coated book	Fourdrinier	100	
	Brown Co.				
	Specialty Papers Div.	Industrial papers	Fourdrinier	350	Secondary fiber utilization
	Combination Paperboard Division	Boxboard	Cylinder	300	
	Georgia-Pacific Corp.	Printing paper	Fourdrinier	400	Secondary fiber utilization
	Hawthorne Paper Co.	Printing paper	Fourdrinier	50	
	Minnesota Mining & Mfg. Co.	Industrial paper	Fourdrinier	18	mill is idle
	National Gypsum Co.	Gypsum board	Cylinder	155	
L'Anse	Celotex Corp.	Construction materials	Fourdrinier	270	
Manistique	Manistique Pulp & Paper Co.	Newsprint	Fourdrinier	150	
Menominee	American Can Co.	Waxed paper	Fourdrinier	300	
Monroe	Consolidated Packaging Corp.	Test liner	Cylinder	160	Secondary fiber utilization
		Corrugating medium	Fourdrinier	230	
		Boxboard	Fourdrinier	425	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (TPD)</u>	<u>Comments</u>
<u>Michigan (con't)</u>					
Monroe	Time Container Corp.	Linerboard	Cylinder	110	Secondary fiber utilization
	Union Camp Corp.	Linerboard, corrugating medium	Cylinder	300	
Munising	Kimberly-Clark Corp.	Printing paper	Fourdrinier	78	
Muskegon	S. D. Warren Co.	Printing papers	Fourdrinier	350	
Niles	French Paper Co.	Printing papers	Fourdrinier	60	
	Simplicity Pattern Co.	Pattern tissue	Cylinder	33	
Ontonagon	Hoerner Waldorf Corp.	Corrugating medium	Fourdrinier	275	
Otsego	Mead Corp.	Boxboard	Cylinder	170	Secondary fiber utilization
	Menasha Corp.	NSSC corrugating medium	Fourdrinier	331	
Palmyra	Simplex Industries Inc.	Binderboard	Cylinder	15	
		Boxboard	Wet Former	50	
Plainwell	Plainwell Paper Co. Inc.	Industrial & book paper	Fourdrinier	200	
Port Huron	Dunn Paper Co.	Specialty papers	Fourdrinier	105	
	Port Huron Paper Co.	Kraft specialties	Fourdrinier	175	
Rochester	Rochester Paper Co.	Industrial papers	Fourdrinier	70	
Rockford	Rockford Paper Mills Inc.	Boxboard	Cylinder	110	
Vicksburg	Simpson Lee Paper Co.	Various printing papers	Fourdrinier	100	Secondary fiber utilization
Watervliet	Watervliet Paper Co.	Printing papers	Fourdrinier	130	
White Pigeon	Weyerhaeuser Co. Paperboard Div.	Boxboards	Cylinder	200	
Ypsilanti	Peninsular Paper Co.	Kraft specialties	Fourdrinier	50	
<u>Minnesota</u>					
Bemidji	Superwood Corp.	Hardboard	n.a.	85	
Brainerd	Northwest Paper Div.	Writing paper	Fourdrinier	225	
Cloquet	Conwed Corp.	Insulation board	Fourdrinier	n.a.	
	Northwest Paper Div.	Writing paper	Fourdrinier	330	
Duluth	Superwood Corp.	Hardboard	Cylinder	240	
Grand Rapids	Blandin Paper Co.	Printing-ground-wood paper	Fourdrinier	550	
International Falls	Boise Cascade Corp.	Groundwood wrapping paper	Fourdrinier	460	
Little Falls	Hennepin Paper Co.	Printing paper	Fourdrinier	80	
Minneapolis	Certain-Teed Products	Felt	Cylinder	120	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
Sartell	St. Regis Paper Co.	Groundwood printing paper	Fourdrinier	230	
Shakopee	Certain-Teed Products	Felt	Cylinder	150	
St. Paul	Hoerner Waldorf Corp.	Corrugating medium			Secondary fiber utilization
		Moistureproof boards	Fourdrinier	400	
Dubuque	Celotex Corp.	Ceiling tile	Fourdrinier	90	
Fort Madison	Consolidated Packaging	Corrugating medium	Fourdrinier	150	
Tama	Packaging Corp. of America	Boxboard	Cylinder	100	
<u>Mississippi</u>					
Greenville	U.S. Gypsum Co.	Hardboard	n.a.	n.a.	
Laurel	Masonite Corp.	Hardboard	Fourdrinier	1000	
Meridian	The Flintkote Co.	Insulation board	Fourdrinier	225	
	Masonite Corp.	Felts	Cylinder	70	
Monticello	St. Regis Paper Co.	Linerboard	Cylinder	1150	
		Kraft papers	Fourdrinier	450	
Noss Point	International Paper Co.	Kraft papers	Fourdrinier	715	
Natchez	Johns-Marville Products	Insulation board	Fourdrinier	n.a.	
Pickens	Burnows Southern Corp.	Tissue	Fourdrinier	18	
Ricksburg	International Paper Co.	Liner--container board	Fourdrinier	1050	
<u>Missouri</u>					
Boonville	Huebert Fiberboard Inc.	Insulation board	Fourdrinier	75	
Joplin	Tamko Asphalt Products	Felt	Cylinder	130	
Kansas City	GAF Corp.	Felt	Cylinder	100	
Louisiana	Tallman Conduit Co.	Pipes	Wet Former	n.a.	
N. Kansas City	Lloyd A. Fry Roofing	Felt	Cylinder	50	
	U.S. Gypsum Co.	Gypsum linerboard	Cylinder	105	
St. Louis	National Gypsum Co.	Asbestos	Wet Former	100	
<u>Montana</u>					
Missoula	Hoerner Waldorf Corp.	Kraft linerboard	Fourdrinier	1000	
<u>New Hampshire</u>					
Ashuelot	Paper Service Mills Inc.	Tissue	Cylinder	12	Mill is idle
Bennington	Monadnock Paper Mills	Specialty book & kraft paper	Fourdrinier	75	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
New Hampshire (con't)					
Berlin	Brown Co.	Kraft paper Corrugating medium	Fourdrinier Fourdrinier	50 240	
Claremont	Bemis Co. Inc.	Specialty kraft paper	Fourdrinier	50	Secondary fiber utilization
	Coy Paper Co.	Tissue	Cylinder	36	
Gorham	Brown Co.	Printing wrapping Printing Tissue	Fourdrinier Fourdrinier	350 150	
Greeston	Greeston Papers Co.	Printing paper Corrugating medium Tissue	Fourdrinier Fourdrinier Fourdrinier	300 300 50	
Hinsdale	Ashuelot Paper Co. Inc.	Kraft papers	Fourdrinier	40	
	Hinsdale Products Co.	Tissue	Fourdrinier	20	
	Paper Service Mills Inc.	Tissue	Cylinder	25	
	G.L. Roberston & Co.	Tissue	Cylinder	7	
Lincoln	Profile Paper Corp.	Printing paper	Fourdrinier	135	Paper mill is idle Secondary fiber utilization
Milton	Milton Leather Board	Specialty boards	Wet former	10	
	Spaulding Fibre Co Inc.	Fiberboard & rag papers	Wet former	17	
Nashua	Brown Products Inc.	Corrugating medium		5	
N. Rochester	Spaulding Fibre Co.	Fiberboard	Wet former	22	
Penacook	Penacook Fibre Co.	Specialty boards	Wet former	10	
Rochester	Colonial Fiber Co.	Specialty papers	Multiformer	12	
Tilton	Johns-Manville Products	Electrical products	Cylinder	n.a.	
W. Henniker	Contoocook Valley Paper	Latex-saturated papers	Fourdrinier	20	
W. Hopkinton	USM Corp.	Chipboard	Cylinder	75	
<u>New Jersey</u>					
Bloomfield	Marcal Paper Mills Inc.	Tissue	Fourdrinier	20	
Camden	Kaiser Gypsum Co. Inc.	Kraft pulp boards	Cylinder	100	
	Latex Fibre Industries	Specialty fiber-board products	Cylinder	40	
Clark	U.S. Gypsum Co.	Gypsum board liners	Multiformer	240	
Clifton	Whippany Paper Board Co.	Liner boxboard	Cylinder	350	Secondary fiber utilization Secondary fiber utilization
Delair	Georgia-Pacific Corp.	Gypsum board liners	Cylinder	200	
Elizabeth	Peter J. Schweitzer Div.	Printing paper	Fourdrinier	33	
Elmwood Park	Marcal Paper Mills Inc.	Various papers	Fourdrinier	n.a.	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>New Jersey (con't)</u>					
Garfield	Garden State Paper Co.	Newsprint	Fourdrinier	450	Secondary fiber utilization
Garwood	National Gypsum Co.	Gypsum board liner	Cylinder	115	
Gloucester City	GAF Corp.	Felts	Cylinder	300	
Hughesville	Riegel Products Corp.	Fiberboard specialty papers	Fourdrinier/multiformer	28	
Jersey City	John F. Boyle Co.	Newsboard	Cylinder	100	
	The Davey Co.	Fiberboard	Wet former	100	
	U.S. Gypsum Co.	Felts	Cylinder	72	
Kearney	Western Electric Co.	Insulation paper	Cylinder	20	
Linden	Celatex Corp.	Asbestos Products	Cylinder	50	
Manville	Johns-Manville Products	Asbestos felts	Cylinder	150	
Milford	Riegel Products Corp.	Industrial specialty products	Fourdrinier		
Millington	National Gypsum Co.	Asbestos	Wet former	140	
Milltown	Cel-Fibe	Tissue	Fourdrinier	150	
Mount Holly	McGraw Edison Co.	Fiber pipe	Cylinder	n.a.	
Newark	Newark Boxboard Co.	News, specialty paper	Cylinder	110	
Paterson	Morris Paper Board Co.	Folding boxboard	Cylinder	110	
Perth Amboy	Celatex Corp.	Felt	Cylinder	100	
Ridgefield	Lowe Paper Co.	Folding boxboard	Cylinder	140	Secondary fiber utilization
Ridgefield Park	Lincoln Paper Co.	Cylinder board	Cylinder	175	Secondary fiber utilization
Riegelsville	Riegel Products Co.	Automotive products	Fourdrinier	15	
Riverside	Conwed Corp.	Padding	Multiformer	n.a.	
Spotswood	Peter J. Schweitzer Div.	Fine paper	Fourdrinier	80	
Warren Glen	Riegel Products Corp.	Kraft products	Cylinder	80	
West Trenton	Homasote Co.	Industrial papers	Board formers	15	
Whippany	Whippany Paper Board Co. Eden Mill	Corrugating medium liner boxboard	Cylinder	1000	Secondary fiber utilization
	Hanover Mill	Boxboard, specialty boards	Cylinder	150	
	Stony Brook Mill	Boxboard, specialty boards	Cylinder	150	
<u>New Mexico</u>					
Albuquerque	Allied Materials Corp.	Felts	Fourdrinier	26	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>New York</u>					
Amsterdam	Sonoco Products Co.	Kraft paper	Cylinder	65	
Ancram	Peter J. Schweitzer Div.	Tissue	Fourdrinier	11	
Au Sable Forks	J & J Rogers Co.	Printing paper	Fourdrinier	100	
Battenville	Bio-Tech Mills Inc.	Tissue	Fourdrinier	54	Mill is idle
Beaver Falls	Latex Fiber Industries	Specialty auto-motive products	Cylinder	15	
	Latex Fiber Industries	Combination board various papers	Cylinder	65	
Brownville	Brownville Paper Co.	Specialty board products	Fourdrinier	15	
	Latex Fiber Industries	Various kraft products	Cylinder	60	
Carthage	Climax Mfg. Co.	Boxboard	Cylinder	100	
	Crown-Zellerbach Corp.	Tissue	Fourdrinier	130	Secondary fiber utilization
Castleton-on-Hudson	Brown Co.	Folding boxboard	Cylinder	100	
Chatham	Columbia Corp.	Various printing products	Cylinder	100	Secondary fiber utilization
Clayville	Doeskin Inc.	Tissue	Fourdrinier	70	
Cohoes	Mohawk Paper Mills Inc.	Printing paper	Fourdrinier	75	
Corinth	International Paper Co.	Groundwood printing paper	Cylinder	440	
Cornwall	Cornwall Paper Mills	Corrugating medium	Fourdrinier	200	
Deferiet	St. Regis Paper Co.	Printing papers	Fourdrinier	450	Secondary fiber utilization; mill is idle
Deposit	Celotex Corp.	Coreboard	Dry felting	200	
Fayetteville	McIntyre Bros. Paper Co.	Kraft paper	Cylinder	11	
Ford Edward	Scott Paper Co.	Tissue	Fourdrinier	165	Secondary fiber utilization
Fulton	Armstrong Cork Co.	Felt	Cylinder	n.a.	
	North End Paper Co.	Wrapping tissue	Cylinder	8	
	Sealright Co. Inc.	Food container board	Cylinder	80	
Glens Falls	Finch, Pruyn & Co. Inc.	Printing paper Text, vellum	Fourdrinier	350	
Gouverneur	Groveton Papers Co.	Tissue	Fourdrinier	50	
Green Island	Manning Paper Co.	Fiber paper, specialty papers	Cylinder	43	
Greenwich	Hollingsworth & Vose Co. Blandy Paper Div.	Filter paper specialty papers	Multiformer	15	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
New York (con't)					
Greenwich	Hovotex Div.	Automotive specialty papers	Multiformer	40	
	Standard Packaging	Tissue	Fourdrinier	25	Mill is idle
	Stevens & Thompson Paper Co.	Tissue	Cylinder	60	
Hoosick Falls	Wood Flong Corp.	Stereotype matrix	Cylinder	15	
Little Falls	Burrows Paper Co.	Tissue	Fourdrinier	25	
	Mohawk Valley Paper	Tissue	Fourdrinier	25	
Lockport	Beaverboard Co. Inc.	Linerboard	Cylinder	100	
	Upton Co.	Wallboard	Multiformer	180	
Lyons Falls	Burrows Paper Corp.	Tissue	Fourdrinier	40	
	Georgia-Pacific Corp.	Printing paper	Fourdrinier	190	
Marcellus Falls	Martisco Paper Co.	Grey Bogus	Cylinder	15	
Mechanicville	Thomas A. Galante & Sons	Tissue	Fourdrinier	80	
	Saratoga Board Mills	Corrugating medium	Fourdrinier	250	Secondary fiber utilization
Napanoch	Roundout Corp.	Tissue	Cylinder	18	Secondary fiber utilization
Newton Falls	Newton Falls Paper Mills Inc.	Printing paper	Fourdrinier	400	
Niagara Falls	Cellu Products Inc.	Printing paper	Fourdrinier	190	
		Tissue	Fourdrinier	120	
Norfolk	Simplicity Pattern Co.	Pattern tissue	Fourdrinier	60	
N. Tonawanda	Boundary Paper Mills Inc.	Linerboard	Cylinder	45	
	International Paper Co.	Specialty book papers	Fourdrinier	280	
Oakfield	U.S. Gypsum Co.	Gypsum board	Cylinder	105	
Oswego	Hammermill Paper Co.	Printing paper	Fourdrinier	100	Secondary fiber utilization
Penn Yan	Pen Yan Paper Products	Felt	Cylinder	45	Mill is idle
Phoenix	Burrows Tissue Co. Inc.	Tissue	Fourdrinier	25	
Piermont	Clevepak Corp.	Linerboard	Cylinder	160	
	Georgia-Pacific Corp.	Tissue	Fourdrinier	170	Secondary fiber utilization
	Imperial Wallpaper Mill	Printing paper	Fourdrinier	40	
Potsdam	Nekoosa Edwards Paper	Various book papers	Fourdrinier	100	
Pulaski	Schaeffer Technical Papers Inc.	Photographic papers	Fourdrinier	75	
Red Hook	Atlantic Asbestos Corp.	Asbestos	Cylinder	12	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>New York (con't)</u>					
Rochester	Eastman Kodak Co.	Photographic base	Fourdrinier	n.a.	
	Flower City Tissue Mills	Specialty tissue	Fourdrinier	20	
Rock City Falls	Cottrell Paper Co. Inc.	Insulation board	Cylinder	6	
Saugerties	Empire State Paper Co.	Insulation paper	Fourdrinier	15	
South Glens Falls	Patrician Paper Co. Inc.	Tissue	Fourdrinier	130	Secondary fiber utilization
Thomson	Hudson Pulp & Paper Co.	Tissue	Fourdrinier	80	Secondary fiber utilization
Ticonderoga	International Paper Co.	Printing paper	Fourdrinier	600	
Tonawanda	Spaulding Fibre Co, Inc.	Impregnating specialty papers	Fourdrinier	25	
Utica	Foster Paper Co. Inc.	Combination board	Cylinder	75	
Walloomsac	Columbia Corp.	Chipboard, various papers	Cylinder	100	Secondary fiber utilization
Warrensburg	Warrensburg Board & Paper Corp.	Corrugating medium	Fourdrinier	65	
Waterford	Mohawk Paper Mills Inc.	Writing papers	Fourdrinier	60	
Watertown	Knowlton Bros. Inc.	Specialty photographic papers	Fourdrinier	20	
<u>North Carolina</u>					
Alma	Paramount Paper Products	Cellulose wedding	Cylinder	33	
Canton	Champion International	Printing papers packaging board	Fourdrinier	1420	
Charlotte	Carolina Paper Board	Boxboard	Cylinder	90	
Moncure	Evans Products Co.	Hardboard	n.a.	n.a.	
Morehead City	Lloyd A. Fry Roofing Co.	Felt	Cylinder	50	
Patterson	Cellu Products Co.	Tissue	Cylinder	35	
Pisgah Forest	Olin Corp.	Specialty printing papers	Fourdrinier	275	
Plymouth	Weyerhaeuser Co. Paperboard Div.	Linerboard corrugating medium	Fourdrinier	1240	
	Paper Div.	Printing & writing papers	Fourdrinier	275	
Riegelwood	Federal Paper Board Co.	Boxboard	Fourdrinier	830	
Roanoke Rapids	Albemarle Paper Co.	Kraft papers	Fourdrinier	500	
	Federal Paper Board Co.	Chipboard	Cylinder	78	
Roaring River	Abitibi Corp.	Hardboard	Fourdrinier	n.a.	
Rockingham	Carolina Paper Mills	Tissue	Fourdrinier	40	
	Goodwin Paper Mills Inc.	Tissue	Cylinder	7	
Sylva	Mead Corp.	Corrugating medium	Fourdrinier	300	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>Ohio</u>					
Avery	Certain-Teed Products	Felt	Cylinder	80	
Baltimore	Crown-Zellerbach Corp.	Corrugating medium	Cylinder	190	Secondary fiber utilization
Brecksville	Tecumseh Corrugating Box	Corrugating medium	Fourdrinier	70	
Chagrin Falls	Chase Bag Co.	Specialty industrial papers	Cylinder	80	
Chillicothe	Mead Corp (Area 1)	Printing papers	Fourdrinier	490	
	Mead Corp (Area 11)	Specialty printing papers	Fourdrinier	370	
Cincinnati	Celotex Corp.	Felt	Cylinder	200	
	Container Corp. of America	Liner & boxboard	Cylinder	120	Secondary fiber utilization
	Mead Corp.	Specialty chip boards	Cylinder	165	Secondary fiber utilization
Circleville	Container Corp. of America	Corrugating medium	Fourdrinier	300	Secondary fiber utilization
Columbus	St. Regis Paper Co.	Specialty waxed paper	Fourdrinier	35	
Coshecton	St. Regis Paper Co.	Corrugating medium	Fourdrinier	145	Secondary fiber utilization
	Stone Container Corp.	Corrugating medium	Fourdrinier	550	
Dayton	Howard Paper Mills Inc.	Specialty sulphite papers	Fourdrinier	100	Secondary fiber utilization
Franklin	Logan-Long Co.	Felt Asphalt roofing & siding	Cylinder	100	
				250	
	Maxwell Paper Corp	Corrugating medium	Fourdrinier	200	
Gypsum	Stone Container Corp.	Folding boxboard	Cylinder	105	
	U.S. Gypsum Co.	Plaster board products	Cylinder	105	
Hamilton	Beckett Paper Co.	Writing paper	Fourdrinier	140	
	Champion International	Specialty writing papers	Fourdrinier	510	
	Nicolet Industries Inc	Gasket papers	Cylinder	70	Secondary fiber utilization
Lancaster	Loroco Industries Inc.	Linerboard	Cylinder	100	
Lockland	Diamond International	Folding boxboard	Cylinder	250	Secondary fiber utilization
	Fox Paper Co.	Specialty kraft papers	Cylinder	100	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>Ohio (con't)</u>					
Massillon	Cleaners Hanger Co.	Linerboard	Fourdrinier	n.a.	
	Greif Board Corp.	Linerboard	Fourdrinier	90	
	Stark County Paper Co.	Chipboard	Cylinder	30	
Miamisburg	Interstate Folding Box Co.	Boxboard	Cylinder	100	
Middletown	Crystal Tissue Co.	Tissue	Fourdrinier	80	
	Diamond International Paperboard Div.	Folding boxboard	Cylinder	250	
	Harding-Jones Paper Co.	Writing paper	Fourdrinier	20	
	Mead Corp.	Absorbent papers	Fourdrinier	25	
	Middleton Paperboard Co.	Chip--kraft board	Cylinder	100	
	Sorg Paper Co.	Various printing papers	Fourdrinier	385	
Munroe Falls	Sonoco Products Co.	Tube board	Cylinder	65	
Rittman	Packaging Corp. of America	Box-linerboard kraft	Cylinder	600	Secondary fiber utilization
Sandusky	Cellulo Co. Inc.	Filter paper, asbestos	Fourdrinier	n.a.	
Steubenville	Federal Paperboard Co.	Corrugating medium boxboard	Cylinder	171	
Toronto	Toronto Paperboard	Tube board	Cylinder	95	
Urbana	Howard Paper Mills Inc.	Printing paper	Fourdrinier	60	Secondary fiber utilization
West Carrollton	Bergstrom Paper Co.	Envelope & writing	Fourdrinier	400	Secondary fiber utilization
	Oxford Paper Co.	Writing paper	Fourdrinier	180	Secondary fiber utilization
<u>Oklahoma</u>					
Ardmore	Big Chief Roofing Co.	Felts	Cylinder	50	
Broken Bow	Weyerhaeuser Co.	Insulation, wall board	Fourdrinier	450	
Pryor	Georgia-Pacific Corp.	Gypsum board liner	Cylinder	150	Secondary fiber utilization
		Felt	Cylinder	90	
	National Gypsum Co.	Gypsum board liner	Cylinder	200	
Stroud	Allied Materials Corp.	Felt	Cylinder	55	
Valiant	Weyerhaeuser Co.	Linerboard	Fourdrinier	1200	
		Corrugating medium	Fourdrinier	400	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
Albany	Western Kraft Corp.	Container board Corrugating medium	Fourdrinier	800	
Clatskanie	Crown Zellerbach Corp.	Newsprint Tissue Kraft bag	Fourdrinier Fourdrinier Fourdrinier	380 200 185	
Corvallis	Evans Products Co.	Hardboard Special indust. paper	Fourdrinier Multiformer	100 10	
	McGraw-Edison Co.	Fiber Pipe	Cylinder	n.a.	
Dee	Champion International	Hardboard	Fourdrinier	100	
Forest Grove	Forest Fiber Products	Hardboard-	Fourdrinier	100	
Gardiner	International Paper Co.	Container board	Fourdrinier	600	
Halsey	American Can Co.	Tissue	Fourdrinier	200	
Hood River	Fiber Tech. Corp.	Hardboard	molders	50	
Klamath Falls	Weyerhaeuser Co.	Hardboard	n.a.	140	
Lebanon	Champion International	Hardboard	n.a.	150	
	Crown Zellerbach Corp.	Corrugating medium	Fourdrinier	100	
Newberg	Publishers Paper Co.	Newsprint	Fourdrinier	420	
North Bend	Menasha Corp.	Corrugating medium	Fourdrinier	285	
<u>Oregon</u>					
Oregon City	Publishers Paper Co.	Tissue Newsprint	Fourdrinier Fourdrinier	590	
Pilot Rock	United States Gypsum Co.	Hardboard	Fourdrinier	130	
Portland	Bird & Son, Inc. of Mass.	Felt	Cylinder	28	Secondary fiber utilization
	Lloyd A. Fry Roofing Co.	Felt	Cylinder	60	
	Herbert Malarkey Roofing Co.	Felt	Fourdrinier	34	
Salem	Boise Cascade Corp.	Writing Paper	Fourdrinier	250	
Springfield	Weyerhaeuser Co.	Linerboard	Fourdrinier	1150	
St. Helens	Boise Cascade Corp.	Kraft papers	Fourdrinier	500	
	Concel Inc.	Tissue	Fourdrinier	110	
Toledo	Georgia-Pacific Corp. Corp.	Bag paper, Linerboard	Fourdrinier	1035	Secondary fiber utilization
West Linn	Crown Zellerbach	Newsprint, book papers Bl. kraft specialties Toweling	Fourdrinier	530	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>Pennsylvania</u>					
Ambler	Nicolet Industries Inc.	Asbestos Millboard	Cylinder Wet Former	40 9	
Bridgeport	Budd Co.	Special rag paper	Fourdrinier	30	
Bristor	Peterson Parchmont Paper	Specialty indus. papers	Fourdrinier	90	
Buck Run	Pennsylvania General	Tissue	Fourdrinier	25	
Chambersburg	U.S. Paper Mills	Tissue	Cylinder	35	
Chester	Scott Paper Co.	Tissue	Fourdrinier	900	Secondary fiber utilization
Delaware Water Gap	Packaging Corp. of America	Chipboard	Cylinder	100	Secondary fiber utilization
Downington	Brandywine Paper Corp.	Tube, specialty papers	Cylinder	45	
	The Davey Co.	Specialty fiber papers	Wet Former	60	
	Shryock Brothers	Binders board	Wet Former	25	
	Sonoco Products Co.	Combination news board	Cylinder	350	
Emmaus	Lloyd A. Fry Roofing Co.	Felt	Cylinder	115	
Erie	GAF Corp.	Asbestos	Cylinder	80	
Exton	Exton Paper Mfg. Inc.	Tissue	Fourdrinier	10	
Johnsonburg	Penntech Papers Inc.	Specialty printing papers	Fourdrinier	320	
Lancaster	American Paper Products	Newsboard	Cylinder		
Lewisburg	International Paper Co.	Non-woven products	n.a.		
Lititz	Garden State Paper Co.	Tissue	Fourdrinier	50	Secondary fiber utilization
Lock Haven	Hammermill Paper Co.	Printing paper	Fourdrinier	400	
Mehoopany	Charmin Paper Products	Tissue	Fourdrinier	n.a.	
Milton	National Gypsum Co.	Gypsum board liner	Cylinder	290	
Miquon	Weyerhaeuser Co.	Specialty printing papers	Fourdrinier	210	
Modena	Valley Paper Mills Inc.	Tissue special.	Fourdrinier	n.a.	
Mount Holly Springs	Eaton Dikeman	Industrial filters	Fourdrinier	12	
	Peter J. Schweitzer Div.	Condenser tissue	Fourdrinier	15	
Norristown	Nicolet Indus. Inc.	Asbestos felt	Cylinder	100	
Oakmont	U.S. Gypsum Co.	Grocery sack paper	Fourdrinier	60	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>Pennsylvania (con't)</u>					
Paxinos	Cellu-Products Co.	Tissue	Cylinder	15	
Philadelphia	Celotex Corp.	Felt	Fourdrinier	140	
	Connelly Containers Inc. of Philadelphia	Corrugating	Fourdrinier	150	
	Container Corp. of America	Boxboard	Cylinder	450	Secondary fiber utilization
	Crown Paper Board Co.	Combination chip board	Cylinder	85	
	Marcal Paper Mills Inc.	Tissue	Fourdrinier	25	
	Newman & Co. Inc.	Boxboard	Cylinder	190	Secondary fiber utilization
Ransom	Potlatch Corp.	Tissue	Fourdrinier	100	
Reading	Beacon Paper Mills Inc.	Corrugating medium	Fourdrinier		
	Federal Paper Board Co.	Folding boxboard	Cylinder	35	Secondary fiber utilization
	Georgia-Pacific Corp.	Special printing papers	Fourdrinier	50	
	Interstate Intercorr Corp.	Corrugating medium	Cylinder	100	
Riegelsville	Whippany Paper Board	Linerboard, corrugating medium	Fourdrinier	175	Secondary fiber utilization
Roaring Spring	Appleton Papers Inc.	Printing papers	Fourdrinier	190	
Spring Grove	P.H. Glatfelter Co.	Various book papers	Fourdrinier	500	
Sunbury	Celotex Corp.	Wallboard	Fourdrinier	150	
Towanda	Masonite Corp.	Hardboard	Fourdrinier	500	
Tyrone	Westvaco Corp.	Communications papers	Fourdrinier	100	
W. Conshohocken	Westfield River Paper	Specialty papers	Fourdrinier	51	
Whitehall	GAF Corp.	Felt	Fourdrinier	105	
Williamsburg	Westvaco Corp.	Corrugating medium	Fourdrinier	215	
York	Certain-Teed Products	Felt	Cylinder	90	
	St. Regis Paper Co.	Corrugating	Cylinder	325	
	Yorktowne Paper Mills	Boxboard	Cylinder	95	
<u>Puerto Rico</u>					
Arecibo	Pan American Paper Mill Inc.	Corrugating medium	Fourdrinier/Cylinder	170	
Barceloneta	Vanity Fair Paper Corp. of Puerto Rico	Tissue	Fourdrinier	25	Mill is idle

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>Rhode Island</u>					
Phillipsdale	Bird & Son, Inc.	Felt	Cylinder	250	Secondary fiber utilization
		Insulation board	Fourdrinier	n.a.	
<u>South Carolina</u>					
Beech Island	Kimberly-Clark Corp.	Tissue	Multiformer	300	Secondary fiber utilization
Catawba	Bowaters Carolina Corp.	Printing papers	Fourdrinier	240	
	Catawba Newsprint Co.	Newsprint	Fourdrinier	600	
	Champion International	Hardboard	Dry felting		
Charleston	Westvaco Corp.	Linerboard	Fourdrinier		
Florence	South Carolina Indus. Inc.	Kraft liner-board	Fourdrinier		
Georgetown	International Paper Co.	Containerboard, corrugating medium	Fourdrinier	1675	
Hartsville	Sonoco Products Co.	Corrugating medium	Cylinder	400	Secondary fiber utilization
		Packaging board	Cylinder	400	
Marion	Celotex Corp.	Hardboard	n.a.	360	
Taylors	Carotell Paper Board	Chipboard newsboard	Cylinder	125	
<u>Tennessee</u>					
<u>Cathoun</u>	Bowaters Southern Paper Co. Corp.	Newsprint	Fourdrinier	1500	
Chattanooga	Container Corp. of America	Tube & liner board	Cylinder	115	Secondary fiber utilization
	Southern Specialty Paper	Indus. papers	Fourdrinier	20	Secondary fiber utilization
	Tennessee Paper Mills	Boxboard	Cylinder	300	
Counce	Tennessee River Pulp & Paper Co.	Kraft liner-board	Fourdrinier	750	
Covington	Colonial Fiber Co.	Fiberboard	Multiformer	60	
Harriman	Mead Corp.	Corrugating medium	Fourdrinier	200	
Kingsport	Mead Corp.	Printing papers	Fourdrinier	443	
Knoxville	Southern Extract Co.	Corrugating medium	Fourdrinier	160	
Memphis	Buckeye Cellulose Corp.	Filter paper	Fourdrinier	150	Secondary fiber utilization
	Celotex Corp.	Felt	Cylinder	50	
	Lloyd A. Fry Roofing Co.	Felt	Cylinder	50	
	Kimberly-Clark Corp.	Tissue	Fourdrinier	315	
New Johnsonville	Inland Container Corp.	Corrugating medium	Fourdrinier	450	Secondary fiber utilization
Newport	Sonoco Products Co.	Cone & tube board	Cylinder	80	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>Tennessee (con't)</u>					
Paris	Celotex Corp.	Hardboard	n.a.	300	
<u>Texas</u>					
Dallas	GAF Corp.	Felt	Cylinder	66	
	TXI Paper Products Inc.	Boxboard	Cylinder	270	
Diboll	Temple Industries Inc.	Insulation board	Fourdrinier	n.a.	
Evadale	Eastex Inc.	Boxboard	Cylinder	1250	
Fort Worth	Southern Johns-Manville	Felt	Cylinder	50	
Galena Park	U.S. Gypsum Co.	Gypsum linerboard	Cylinder	150	
Grand Prairie	Corrugated Services Inc.	Corrugating medium	Fourdrinier	n.a.	
Houston	Celotex Corp.	Felts	Cylinder	50	
	Lloyd A. Fry Roofing Co.	Felts	Cylinder	60	
	Southland Paper Mills	Newsprint Kraft papers	Fourdrinier Multiformer	375 300	
Irving	Lloyd A. Fry Roofing	Felt	Cylinder	80	
Lufkin	Southland Paper Mills	Newsprint	Fourdrinier	1000	
Orange	Equitable Bag Co. Inc.	Kraft bags	Fourdrinier	57	
	Owens-Illinois Inc.	Kraft linerboard	Fourdrinier		
Pasadena	Champion International	Printing papers	Fourdrinier	620	
San Antonio	Celotex Corp.	Felt	Cylinder	40	
Sherman	McGraw Edison Co.	Fiber pipe	Cylinder	35	
Texarkana	International Paper Co.	Coated board	Fourdrinier	440	
<u>Vermont</u>					
Bellows Falls	Mountain Paper Products	Groundwood papers	Fourdrinier	22	
	Northern States Paper	Tissue	Fourdrinier	20	
Brattleboro	Boise Cascade Corp.	Specialty paper-board	Cylinder	60	Secondary fiber utilization
East Ryegate	Bemis Co. Inc.	Kraft paper	Fourdrinier	60	Secondary fiber utilization
Gilman	Georgia-Pacific Corp.	Kraft printing papers	Fourdrinier	165	Secondary fiber utilization
N. Bennington	Vermont Tissue Paper	Tissue	Cylinder	10	Secondary fiber utilization
Putney	Putney Paper Co. Inc.	Tissue	Cylinder	34	
Sheldon Springs	Standard Packaging Corp.	Paperboard	Cylinder	130	
St. Johnsbury	EHV-Weidmann Industries	Fibreboard	Cylinder	15	
Wells River	Adams Paper Co. of Vermont, Inc.	Tissue	Fourdrinier	12	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>Virginia</u>					
Big Island	Owens-Illinois Inc.	Corrugating medium	Fourdrinier	550	
Buena Vista	Georgia Bonded Fibers Inc.	Impreg papers	Fourdrinier	36	
Covington	Westvaco Corp.	Linerboard, corrugating medium	Fourdrinier	1350	
Danville	U.S. Gypsum Co.	Insulation board	n.a.	n.a.	
Doswell	Evans Products Co.	Hardboard	n.a.	n.a.	
Franklin	Union Camp Corp.	Printing paper Board	Fourdrinier	1000 300	
Hopewell	Continental Can Co.	Linerboard, corrugating medium, Boxboard	Cylinder Fourdrinier	1060	
Jarratt	Southern Johns-Manville Products Corp.	Insulation board	Cylinder	225	
Lynchburg	Mead Corp.	Corrugating medium	Cylinder	375	Secondary fiber utilization
Richmond	Federal Paper Board Co.	Boxboard Boxboard	Cylinder	180	Secondary fiber utilization
	Seaboard Mill		Cylinder	90	
	James River Paper Co. Standard Paper Mfg. Co.		Fourdrinier Fourdrinier		
Riverville	Virginia Fibre Corp.	Corrugating medium	Fourdrinier	600	Mill under construction
West Point	The Chesapeake Corp. of Virginia	Paper Board	Fourdrinier Fourdrinier	235 730	
<u>Washington</u>					
Ana Corte's	Publisher's Forest Products Co. of Wash.	Hardboard	n.a.	n.a.	
Bellingham	Georgia-Pacific Corp.	Tissue Coated boards	Cylinder Fourdrinier	200 45	
Camas	Crown Zellerbach Corp.	Kraft papers tissue	Fourdrinier	1050	
Everett	Scott Paper Co.	Tissue	Fourdrinier	450	Paper mill idle
	Simpson Lee Paper Co.	Printing & writing paper	Fourdrinier	140	
Hoquiam	Grays Harbor Paper Co.	Printing & writing papers	Fourdrinier	286	
Longview	Longview Fibre Co.	Converting papers	Fourdrinier	650	
		Linerboard, corrugating medium	Fourdrinier	1050	
	R-W Paper Co.	Glassine	Fourdrinier	80	
	Weyerhaeuser Co.	Corrugating medium	Fourdrinier	270	
		Kraft paper board	Fourdrinier	140	
	Coated boxboard	Fourdrinier	190		
	Fine papers		120		

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
<u>Washington (con't)</u>					
Millwood	Inland Empire Paper Co.	Newsprint	Fourdrinier	85	
		Specialty printing papers	Fourdrinier	45	
Port Angeles	Crown Zellerbach Corp.	Newsprint	Fourdrinier	400	Paper mill is idle
	Fibreboard Corp.	Coated boxboard	Cylinder	100	
Port Townsend	Crown Zellerbach Corp.	Containerboard	Cylinder	400	
Shelton	Simpson Timber Co.	Insulation board	Fourdrinier	120	
Steilacoom	Boise Cascade Corp.	Newsprint	Fourdrinier	375	
Sumner	Fibreboard Corp.	Coated boxboard	Cylinder	60	Secondary fiber utilization
Tacoma	Container Corp. of America	Linerboard	Cylinder	50	
	St. Regis Paper Co.	Specialty Indust. papers	Fourdrinier	216	
		Linerboard	Fourdrinier	440	
Vancouver	Boise Cascade Corp.	Printing paper	Fourdrinier	270	
Wallula	Boise Cascade Corp.	Corrugating medium	Fourdrinier	240	Secondary fiber utilization
		Linerboard		460	
<u>West Virginia</u>					
Halltown	Halltown Paperboard Co.	Chip boards	Cylinder	160	
Wellsburg	Banner Fibreboard Co.	Linerboard	Cylinder	75	
	S. George Co.	Kraft shipping paper	Cylinder	10	
<u>Wisconsin</u>					
Appleton	Fox River Paper Co.	Writing papers	Fourdrinier	50	Secondary fiber utilization
	Riverside Paper Corp.	Writing papers	Fourdrinier	95	
Ashland	American Can Co.	Tissue	Fourdrinier	51	
Beloit	Beloit Box Board Co.	Packaging materials	Cylinder	40	Secondary fiber utilization
Brokaw	Wausau Paper Mills Co.	Printing papers	Fourdrinier	270	
Combined Locks	Appleton Papers Inc.	Groundwood specialties	Fourdrinier	400	
Cornell	The Flintkote Co.	Felt	Cylinder	200	Secondary fiber utilization
De Pere	Nicolet Paper Co.	Treated papers	Fourdrinier	130	
	U.S. Paper Mills Corp.	Chipboard	Fourdrinier	50	
Eau Claire	Brown Co.	Tissue	Fourdrinier	160	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
Green Bay	American Can Co.	Tissue	Fourdrinier	400	
	Charmin Paper Products	Tissue	Fourdrinier	n.a.	
	Fort Howard Paper Co.	Tissue	Fourdrinier	800	Secondary fiber utilization
	Green Bay Packaging Inc.	Corrugating medium Specialty board	Fourdrinier	300	
Kaukauna	Thilmany Pulp & Paper Co.	Kraft papers	Fourdrinier	500	
Kimberly	Kimberly-Clark Corp.	Coated book paper	Tissue	464	
Ladysmith	Peavey Paper Mills Inc.	Tissue	Fourdrinier	60	
Marinette	Scott Paper Co.	Tissue	Fourdrinier	175	
Menasha	Mead Corp., Gilbert Paper Div.	Specialty writing papers	Fourdrinier	61	Secondary fiber utilization
	Menasha Corp.	Boxboard	Fourdrinier	250	Secondary fiber utilization
	Geo. A. Whiting Paper Co.	Printing papers	Fourdrinier	20	
	Wisconsin Tissue Mills	Tissue	Fourdrinier	85	Secondary fiber utilization
Merrill	Ward Paper Co.	Specialty printing papers	Fourdrinier	60	Secondary fiber utilization
Milwaukee	St. Regis Paper Co.	Boxboard	Cylinder	250	Secondary fiber utilization
<u>Wisconsin</u>					
Mosinee	Mosinee Paper Corp.	Various Kraft papers	Fourdrinier	240	
Neenah Neenah	Bergstrom Paper Corp.	Printing paper	Fourdrinier	300	
	Kimberly-Clark Corp.	Cushioning material	Fourdrinier	70	
		Tissue	Fourdrinier	205	
	Kimberly-Clark Corp.	Various printing papers	Fourdrinier	58	Secondary fiber utilization
Nekoosa	Nekoosa Edwards Paper Co.	Printing papers	Fourdrinier	380	
Niagara	Niagara of Wisconsin Paper Corp.	Book paper	Fourdrinier	475	
Oconto Falls	Scott Paper Co.	Towels	Fourdrinier	115	
Park Falls	Flambeau Paper Co.	Printing paper	Fourdrinier	300	
Peshtigo	Badger Paper Mills Inc.	Printing paper	Fourdrinier	150	
Phillips	Evans Products Co.	Hardboard	n.a.	n.a.	
Port Edwards	Nekoosa Edwards Paper Co. Inc.	Printing-writing paper	Fourdrinier	370	
Rhineland	St. Regis Paper Co.	Various wrapping papers	Fourdrinier	215	
Rothschild	Weyerhaeuser Co.	Packaging & Printing papers	Fourdrinier	330	

<u>Location</u>	<u>Company</u>	<u>Product</u>	<u>Machine Type</u>	<u>Capacity* (tpd)</u>	<u>Comments</u>
Shawano	Shawano Paper Mills Inc.	Wrapping & printing papers	Fourdrinier	100	
Stevens Point	Consolidated Papers Inc.				
	Stevens Point Div.	Specialty papers	Fourdrinier	95	Secondary fiber utilization
	Wisconsin River Div.	Enamel back	Fourdrinier	275	
	Whitling-Plover Paper Co.	Writing paper	Fourdrinier	30	
Superior	Superior Fibre Products	Hardboard	Fourdrinier	140	
Tomahawk	Georgia-Pacific Corp.	Tissue	Fourdrinier	20	Secondary fiber utilization Secondary fiber utilization
	Owens-Illinois Inc.	Corrugating medium	Fourdrinier		
Waupaca	Filter Materials Inc.	Specialty indust. products	Fourdrinier	8	
West Bend	McGraw Edison Co.	Fibre pipe	Cylinder	50	
Wisconsin Rapids	Consolidated Papers Inc.	Enamel book	Cylinder	415	
	Wisconsin Rapids Div.	Boxliner board	Fourdrinier	90	
	Biron Div.	Enamel book	Fourdrinier	540	

*U.S. Environmental Protection Agency Compilation based on data from the following sources:

- 1) "Analysis of Demand and Supply for Secondary Fiber in the U.S. Paper and Paperboard Industry," Arthur D. Little, Prepared for U.S. EPA under contract No. 68-01-2220 March 1975.
- 2) Lockwood's Directory of the Paper and Allied Trades, 1974.
- 3) Pulp & Paper Magazine
- 4) U.S. Department of Commerce

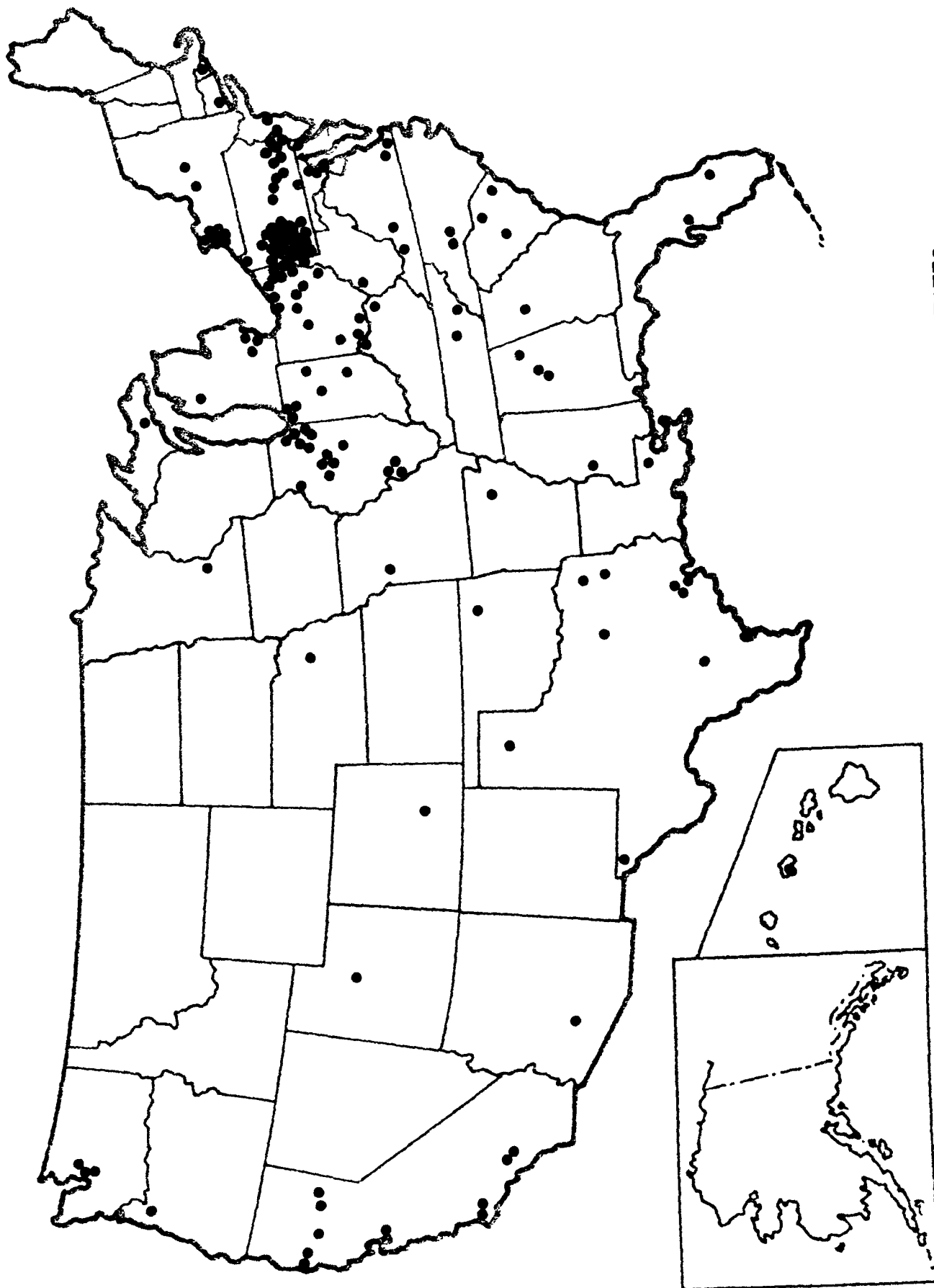
Steelmaking Facilities in the United States

The U.S. Iron and Steel Industry can be divided into four segments:

1. Integrated steel companies that produce pig iron in blast furnances, convert pig iron into steel in steel furnaces, and produce intermediate steel products in rolling mills using iron ore and scrap as raw materials.
2. Steel producers who do not have blast furnaces but produce steel from purchased pig iron and scrap, usually in electric furnaces.
3. Steel foundaries that produce steel castings by melting steel scrap.
4. Iron foundaries that purchase pig iron and scrap and produce iron castings.

Categories 1 and 2 are included in the following list. Categories 2, 3, 4, are comprised mainly of independent producers who rely on scrap and purchase pig iron for their inputs. Though their numbers are large (approximately 1,500 in categories 3 and 4) they represent a small part of the total steel production tonnage.

Since scrap is used in all types of steelmaking facilities, any of the plants listed are potential scrap purchasers. However, the integrated mills utilize large quantities of "in-plant" scrap, and some of these mills may purchase little obsolete or post-consumer scrap. The plants with electric furnaces rely on purchased scrap for essentially all of their raw materials needs and are frequently purchasers of post-consumer steel scrap.



LOCATIONS OF STEELMAKING FACILITIES IN THE UNITED STATES

STEELMAKING FACILITIES IN THE UNITED STATES

LOCATION	COMPANY	PLANT AND PRODUCT DESCRIPTION*	CAPACITY NET TONS/YEAR**	TYPE OF FURNACE(S)
<u>Alabama</u>				
Birmingham	Ceco Corporation Southeastern Electric Steel Co.(Subsidiary)	Scrap-based--bars, light structural	85,000	Electric
Birmingham	Porter Co., Inc., H.K. Connors Steel Division	Scrap-based--bar, structural, cold drawn	200,000	Electric
Fairfield	United States Steel Corporation	Integrated--Sheet, strip, plate, structural, bar, wire	4,000,000 2,000,000 6,000,000	O.H. B.O.F.
Gadsden	Republic Steel Corporation	Integrated--Sheet, strip, galvanized, plate bar, pipe	1,500,000 1,500,000 est. 3,000,000	B.O.F. Electric
<u>Arizona</u>				
Tempe	Marathon Steel Company	Scrap-based--Carbon, alloy reinforcing bars	150,000	Electric
<u>Arkansas</u>				
Newport	Tennessee Forging Steel Corporation	Scrap-based--bar, light structural	90,000	Electric
<u>California</u>				
Carson	Soule' Steel Company	Scrap-based--bar, light structural	100,000	Electric
Emeryville	Judson Steel Corporation	Scrap-based--bar	90,000	Electric
Etiwanda	Ameron Steel Producing Division	Scrap-based--bar, rod, wire	160,000	Electric
Fontana	Kaiser Steel Corporation	Integrated--Sheet, strip, tin-plate, plate, structural, bar, pipe, galvanized	2,000,000 1,800,000 3,800,000	O.H. L-D Oxygen Process

LOCATION	COMPANY	PLANT AND PRODUCT DESCRIPTION*	CAPACITY NET TONS/YEAR**	TYPE OF FURNACE(S)
<u>California (cont.)</u>				
Fontana	Wittman Steel Mills	Scrap-based--bar	40,000	Electric
Los Angeles	Bethlehem Steel Corporation	Scrap-based--bars, rod, wire and wire products	700,000	Electric
Los Angeles	Southwest Steel Rolling Mills, Inc.	Scrap-based--bar, strip, light structural	100,000	Electric
Torrance	Armco Steel Corporation	Scrap-based--carbon alloy and stainless bargings	60,000	Electric
Torrance	United States Steel Corporation	Scrap-based--structural, bar	250,000	O.H.
Union City	Pacific States Steel Corporation	Scrap-based--bar, structurals, forgings	400,000	O.H.
<u>Colorado</u>				
Pueblo	CF&I Steel Corporation	Integrated--structurals, rails, bars, pipe, wire, castings	310,000 1,200,000 <u>1,510,000</u>	Electric B.O.F.
<u>Connecticut</u>				
Bridgeport	Carpenter Technology Corporation Carpenter Steel Division	Scrap-based--high alloy and stainless steel bars, rod	200,000	Electric
<u>Delaware</u>				
Claymont	Phoenix Steel Corporation	Scrap-based--plate	500,000	Electric
<u>Florida</u>				
Indiantown	Florida Steel Corporation	Scrap-based--merchant bars, light structurals	90,000	Electric
Tampa	Florida Steel Corporation	Scrap-based--merchant bars, light structurals	200,000	Electric

LOCATION	COMPANY	PLANT AND PRODUCT IN THE UNITED STATES	CAPACITY NET TONS/YEAR**	TYPE OF FURNACE(S)
<u>Georgia</u>				
Atlanta	Atlantic Steel Company	Scrap-based--strip, structurals, bar, rod and wire	450,000	Electric
<u>Hawaii</u>				
Ewa	Hawaiian Western Steel Ltd.	Scrap-based--merchant bars	50,000	Electric
<u>Illinois</u>				
Alton	Laclede Steel Company	Scrap-based--bar, structural, rod wire, pipe, tubing, sheet, strip	800,000	Electric
Chicago	Finkl & Sons, A. (subsidiary of Republic Steel)	Scrap-based--forgings	150,000	Electric
Chicago	Interlake, Inc.	Integrated--sheet, strip, galvanized plate, bars	800,000	B.O.F.
Chicago Heights	Columbia Tool Steel Company	Scrap-based--high alloy and tool steel bars and forgings	20,000	Electric
Chicago Heights	Borg-Warner Corporation	Scrap-based--bars and light structurals	120,000	Electric
Granite City	National Steel Corporation Granite City Steel Division	Integrated--sheet, strip, galvanized plate	2,200,000	B.O.F.
Kankakee	Jones & Mcknight Corp.	Scrap-based--bar	100,000	Electric
Kankakee	Tennessee Forging Steel Corp. Kankakee Electric Steel Works	Scrap-based--merchant bars and reinforcing bars	40,000 est.	Electric
Lemont	Ceco Corporation Lemont Manufacturing Corp.	Scrap-based--bars, light structurals	220,000	Electric
Morton Grove	M. Harper Company	Scrap-based--stainless and nickel based bars, rod, wire, fasteners	20,000	Electric

LOCATION	COMPANY	PLANT AND PRODUCT IN THE UNITED STATES	CAPACITY NET TONS/YEAR**	TYPE OF FURNACE(S)
Peoria	Keystone Consolidated Industries, Inc. Keystone Steel & Wire	Scrap-based--special shapes, rod, wire	600,000	Electric
South Chicago	International Harvester Co. Wisconsin Steel Division	Integrated--plate, bar, rod	1,200,000	B.O.F.
South Chicago	Republic Steel Corporation	Integrated--rod, seamless tubing	900,000 <u>1,100,000</u> 2,000,000	Electric O.H.
South Chicago	United States Steel Corporation	Integrated--plate, structurals, bar, and stainless	3,000,000 350,000 <u>4,000,000</u> 7,350,000	B.O.F. Electric O.H.
Sterling <u>Indiana</u>	Northwestern Steel & Wire Company	Scrap-based--Structurals, bar, rod wire, wire products	1,800,000	Electric
Burns Harbor	Bethlehem Steel Corporation	Integrated--sheet, strip, timplat, plate	4,300,000	B.O.F.
East Chicago	Inland Steel Corporation	Integrated--sheet, strip, plate, structurals, bar, rod	5,700,000 <u>500,000</u> 3,000,000 9,200,000	B.O.F. Electric O.H.
East Chicago	Youngstown Sheet & Tube Company	Integrated--sheet, strip, galvanized, tin- plate, bar, pipe, tubing	3,000,000 <u>3,000,000</u> 6,000,000	B.O.F. O.H.
Fort Wayne	Joslyn Stainless Steels	Scrap-based--steel, bar, wire	90,000	Electric
Gary	U.S. Steel Corporation	Integrated--sheet, strip, galvanized, tin- plate, structurals, bar	8,000,000 <u>2,000,000</u> 10,000,000	B.O.F. O.H.
Kokomo	Continental Steel Corporation	Scrap-based--bars, rod, wire, wire products	480,000	Electric
New Castle	Borg-Warner Corporation Ingersoll Steel Division	Scrap-based--sheet, plates, tool steel	42,000 est.	Electric

LOCATION	COMPANY	PLANT AND PRODUCT DESCRIPTION*	CAPACITY NET TONS/YEAR**	TYPE OF FURNACE(S)
<u>Kentucky</u>				
Ashland	Armco Steel Corporation	Integrated--sheet, strip, galvanized, pipe, tubing	2,000,000	B.O.F.
Coalton	Kentucky Electric Steel Corporation	Scrap-based--bar, structurals	120,000	Electric
Owensboro	Jessop Steel Company Green River Steel Corporation	Scrap-based--carbon, alloy and stainless bars	180,000	Electric
Wilder	Interlake, Inc.	Scrap-based--sheet, strip, pipe	330,000 300,000 <u>630,000</u>	Electric O.H.
<u>Louisiana</u>				
Amite	Ross Steel Works, Inc.	Scrap-based--bars, castings	100,000	Electric
<u>Maryland</u>				
Baltimore	Armco Steel Corporation	Scrap-based--high alloy, aerospace and stainless steel, slabs, bars, rod and wire	100,000	Electric
Baltimore	Eastern Stainless Steel Company	Scrap-based--high alloy, aerospace, stainless, sheet, strip, plate	100,000	Electric
Sparrows Point	Bethlehem Steel Corporation	Integrated--sheet, strip, plate, structurals, rod, pipe, wire	3,000,000 6,500,000 <u>9,500,000</u>	B.O.F. O.H.
<u>Michigan</u>				
Dearborn	Ford Motor Company	Integrated--sheet, strip, bars	3,000,000	B.O.F.
Ecorse	National Steel Corporation Great Lakes Steel Division	Integrated--sheet, strip, bars	5,600,000 500,000 <u>6,100,000</u>	B.O.F. Electric
Ferndale	Allegheny Ludlum Steel Corporation	Scrap-based--high alloy forgings, castings	20,000	Electric

LOCATION	COMPANY	PLANT AND PRODUCT DESCRIPTION*	CAPACITY NET TONS/YEAR**	TYPE OF FURNACE(S)
<u>Michigan (cont.)</u>				
Trenton	McLouth Steel Corporation	Integrated--carbon and stainless sheet, strip, plate	2,800,000 600,000 3,400,000	B.O.F. Electric
Warren	Jones and Laughlin Steel Corporation	Scrap-based--alloy and stainless bars	300,000	Electric
<u>Minnesota</u>				
St. Paul	North Star Steel Company	Scrap-based--bar, light structural	200,000	Electric
<u>Mississippi</u>				
Flowood	Magna Corporation, Mississippi Steel Division	Scrap-based--bar	80,000	Electric
<u>Missouri</u>				
Kansas City	Armco Steel Corporation	Scrap-based--merchant bars, structurals, rod and wire	900,000	Electric
<u>Nebraska</u>				
Norfolk	Nucor Corporation	Scrap-based--bar, light structurals	160,000	Electric
<u>New Jersey</u>				
Roebling	CF&I Steel Corporation	Scrap-based--strip, rods, wire, wire products	250,000	Electric
Sayreville	New Jersey Steel and Structural	Scrap-based--bar	150,000	Electric
<u>New York</u>				
Buffalo	Republic Steel Corporation	Integrated--bar	1,000,000	B.O.F.

LOCATION	COMPANY	PLANT AND PRODUCT DESCRIPTION*	CAPACITY NET TONS/YEAR**	TYPE OF FURNACE(S)
<u>New York (cont.)</u>				
Dunkirk and Watervliet	Allegheny Ludlum Steel Corporation	Scrap-based--high alloy, stainless, tool steel, aerospace, bar, tubing, wire	100,000	Electric
Dunkirk	Roblin Steel Company	Scrap-based--bar, wire, rod	100,000	Electric
Lackawanna	Bethlehem Steel Corporation	Integrated--sheet and strip, structurals, rails, merchant bars	5,000,000 1,000,000 6,000,000	B.O.F. O.H.
Lockport	Simonds Steel Division	Scrap-based--high alloy, aerospace, stain- less, sheet, strip, plate, bar, forgings	50,000	Electric
New Hartford	Allegheny Ludlum Steel Corporation Special Metals, subsidiary	Scrap-based--high alloy special melted bars and wire	20,000	Electric
Syracuse	Colt Industries Crucible, Inc. Specialty Metals Division	Scrap-based--aerospace, stainless, bars, rod and wire	100,000	Electric
<u>North Carolina</u>				
Croft	Florida Steel Corporation	Scrap-based--merchant bars, light structurals	200,000	Electric
Monroe	Teledyne Allvac	Scrap-based--bars, forgings, plate, sheets, high strength	50,000	Electric
<u>Ohio</u>				
Campbell	Youngstown Sheet & Tube Company	Integrated--sheet, strip, bar, pipe, tubing	2,000,000	O.H.
Canton	Republic Steel Corporation	Integrated--sheet, strip, tinplate, bar, pipe, galvanized, tubing	2,100,000	B.O.F.
Canton	Timken Company	Scrap-based--carbon, alloy and stainless grades in bars, rounds, forgings, wire rods and seamless tubings	1,000,000	Electric

LOCATION	COMPANY	PLANT AND PRODUCT DESCRIPTION*	CAPACITY NET TONS/YEAR**	TYPE OF FURNACE(S)
Cincinnati	American Compressed Steel Corporation	Scrap-based--bar	15,000	Electric
Cleveland	Jones & Laughlin Steel Corporation	Integrated--sheet, strip, plate	3,000,000 660,000 <u>3,660,000</u>	B.O.F. Electric
Cleveland	Republic Steel Corporation	Integrated--sheet, strip, galvanized plate, bar	3,700,000 1,700,000 <u>5,400,000</u>	B.O.F. O.H.
Lorain	U. S. Steel Corporation	Integrated--pipe, tubing, bar, rod	3,000,000	B.O.F.
Mansfield	Cyclops Corporation Empire Detroit Steel Division	Scrap-based--sheet, strip, plates	250,000 500,000 <u>750,000</u>	Electric O.H.
Marion	Pollak Steel Company (Subsidiary Armco Steel)	Scrap-based--bars and light structurals	120,000	Electric
Middletown	Armco Steel Corporation	Integrated--sheet, strip, galvanized pipe and tubing	2,000,000 1,500,000 <u>3,500,000</u>	B.O.F. O.H.
Portsmouth	Cyclops Corporation Empire Detroit Steel Division	Integrated--sheet, strip, bars, wire, pipe, tubing	1,500,000	O.H.
Steubenville	Wheeling-Pittsburgh Steel Corporation	Integrated--sheet, strip, tinplate	3,000,000 Standby	B.O.F. O.H.
Warren	Copperweld Corporation Copperweld Specialty Steel Company	Scrap-based--carbon alloy and stainless bars, rod, wire, tubing	700,000	Electric
Warren	Republic Steel Corporation	Integrated--sheet, strip, tinplate, galvanized, bar, pipe, tubing	2,100,000 500,000 <u>2,600,000</u>	B.O.F. Electric
Youngstown	Youngstown Sheet & Tube Company	Integrated--pipe, tubing, bar, rod	1,500,000	O.H.
Youngstown	U.S. Steel Corporation	Integrated--sheet, strip, bar	2,500,000	O.H.

LOCATION	COMPANY	PLANT AND PRODUCT DESCRIPTION*	CAPACITY NET TONS/YEAR**	TYPE OF FURNACE(S)
<u>Oklahoma</u>				
Sand Springs	Armco Steel Corporation	Scrap-based--merchant bars and special structurals	300,000	Electric
<u>Oregon</u>				
Portland	Oregon Steel Mills, Inc.	Prereduced-based--plate, bar, structural	400,000	Electric
<u>Pennsylvania</u>				
Aliquippa	Jones & Laughlin Steel Corporation	Integrated--Sheet, strip, tinplate, tubing, bar, rod, wire, pipe	3,000,000	B.O.F.
Beaver Falls	Babcock & Wilcox, Company	Scrap-based--pipe, tubing structurals, special products	750,000	Electric
Bethlehem	Bethlehem Steel Corporation	Integrated--structurals, bars, tool steels, forgings, castings	3,600,000 400,000 4,000,000	B.O.F. Electric
Brackenridge	Allegheny-Ludlum Steel Corporation	Scrap-based--high alloy, stainless, silicon, sheet, strip	500,000 750,000 1,250,000	B.O.F. Electric
Braddock	U.S. Steel Corporation	Integrated--Sheet, strip, tinplate, galvanized	2,500,000	B.O.F.
Bridgeville	Cyclops Corporation Universal-Cyclops Division	Scrap-based--high alloy, aerospace, stainless and tool steels, strip, bars, rod, wire	120,000	Electric
Burnham	B-L-H Corporation Standard Steel	Scrap-based--rolled wheels, tires, special forgings	300,000	Electric
Burnham	Titanium Metals Corporation of America	Scrap-based--wheels, rings, forgings, bars, components	NA	Electric
Butler	Armco Steel Corporation	Scrap-based--carbon, high alloy, stainless and silicon sheet, strip	1,000,000	Electric

LOCATION	COMPANY	PLANT AND PRODUCT DESCRIPTION*	CAPACITY NET TONS/YEAR**	TYPE OF FURNACE(S)
Carnegie	Union Electric Steel Corporation	Scrap-based--forgings	75,000	Electric
Coatesville	Lukens Steel Company	Scrap-based--plate	1,000,000	Electric
Duquesne	U.S. Steel Corporation	Integrated--bar	2,500,000 500,000 3,000,000	B.O.F. Electric
Erie	National Forge Company	Scrap-based--forging and castings	150,000	Electric
Fairless Hills	U.S. Steel Corporation	Integrated--sheet, strip, galvanized, tinplate, bar, rod, wire, pipe	3,600,000	O.H.
Harrisburg	Harrisburg Steel Company Division of Harsco Corporation	Scrap-based--oil field forgings and gas pressure cylinders	125,000	O.H.
Homestead	U.S. Steel Corporation	Integrated--plate, structurals, forgings	5,000,000	O.H.
Houston	Washington Steel Corporation	Scrap-based--stainless sheet, strip	100,000	Electric
Irvine	National Forge Company	Scrap-based--forgings and castings	75,000	Electric
Ivy Rock	Alan Wood Steel Company	Integrated--plates, sheet, strip	2,000,000	B.O.F.
Johnstown	Bethlehem Steel Corporation	Integrated--plates, bars, special sections	3,000,000	O.H.
Johnstown	U.S. Steel Corporation	Scrap-based--steel mill equipment	60,000	Electric
Latrobe	Latrobe Forge & Spring Company (Subsidiary of Edgewater Corporation)	Scrap-based--railroad tires, springs and related items	NA	Electric
Latrobe	Latrobe Steel Company	Scrap-based--high alloy, aerospace, stainless, tool steels, bar, rod	50,000 50,000 100,000	Electric O.H.
Latrobe	Teledyne Vasco, Inc.	Scrap-based--high alloy, aerospace, stainless, tool steel grades	30,000	Electric

LOCATION	COMPANY	PLANT AND PRODUCT DESCRIPTION*	CAPACITY NET TONS/YEAR**	TYPE OF FURNACE(S)
Lower Burrell	Braeburn Alloy Steel Division	Scrap-based--high alloy, aerospace, stainless, bars, forgings	50,000	Electric
Midland	Colt Industries, Crucible, Inc. Alloy Division	Integrated--bars, forgings, agricultural specialties	1,000,000	B.O.F.
Midland	Colt Industries, Crucible, Inc. Stainless Steel Division	Scrap-based--stainless and high alloy sheet and strip	400,000	Electric
Milton	Ceco Corporation, Milton Manufacturing Co.	Scrap-based--bars, light structurals	170,000	Electric
Monessen	Wheeling-Pittsburgh Steel Corporation	Integrated--sheet, strip, bar	2,000,000 Standby	B.O.F. O.H.
Monaca	Teledyne Vasco, Inc.	Scrap-based--high alloy, aerospace, stainless, tool steel grades	NA	Electric
New Castle	Mesta Machine Company	Scrap-based--forgings and castings	125,000	O.H.
Oakmont	Edgewater Corporation	Scrap-based--special forged rings and tires	75,000	Electric
Oil City	Electralloy Corporation	Scrap-based--stainless, alloys, special metals, tool steel	NA	Electric
Philadelphia	Heppenstal Company, Midvale-Heppenstal Co.	Scrap-based--forgings in carbon and various alloy grades	150,000	Electric
Pittsburgh	Jones & Laughlin Steel Corporation	Integrated--sheet, strip, galvanized, bar	2,500,000	O.H.
Phoenixville	Phoenix Steel Corporation Structural and Tire Division	Scrap-based--structurals, pipe tubing	400,000	O.H.
Sharon	Sharon Steel Corporation	Integrated--sheet, strip, bar galvanized	1,600,000 400,000 2,000,000	B.O.F. Electric
Reading	Carpenter Technology Corporation Carpenter Steel Division	Scrap-based--high alloy and stainless steel bar, forgings	150,000	Electric
Steelton	Bethlehem Steel Corporation	Scrap-based--rails, bars, fabricated pipe, foundations	1,250,000	Electric

LOCATION	COMPANY	PLANT AND PRODUCT DESCRIPTION*	CAPACITY NET TONS/YEAR**	TYPE OF FURNACE(S)
<u>Pennsylvania (cont.)</u>				
Washington	Jessop Steel Company	Scrap-based--high alloy, aerospace, stainless sheet, plate, bar	75,000	Electric
West Homestead	Mesta Machine Company	Scrap-based--forgings and castings	20,000 180,000 <u>200,000</u>	Electric O.H.
<u>Rhode Island</u>				
Phillipsdale	Washburn Wire Company	Scrap-based--bar, rod, wire, strip	120,000	Electric
<u>South Carolina</u>				
Darlington	Nucor Corporation	Scrap-based--bar, light structurals	120,000	Electric
Georgetown	Georgetown Steel Corporation	Prerduced-based--bars and rods	400,000	Electric
Cayce	Owen Electric Steel Company	Scrap-based--bar	100,000	Electric
<u>Tennessee</u>				
Harriman	Tennessee Forging Steel Corporation	Scrap-based--bar, light structurals	120,000	Electric
Knoxville	Steel Service Co., Inc., Knoxville Iron Div.	Scrap-based--bar, light structurals	100,000	Electric
<u>Texas</u>				
Baytown	U.S. Steel Corporation	Scrap-based--plate	800,000	Electric
El Paso	Border Steel Rolling Mills, Inc.	Scrap-based--bars and light structurals	140,000	Electric
Fort Worth	Texas Steel Company	Scrap-based--bar, light structurals, light castings	150,000	Electric
Houston	Armco Steel Corporation	Integrated--plates, structurals, merchant bars, pipe	1,500,000	Electric

LOCATION	COMPANY	PLANT AND PRODUCT DESCRIPTION*	CAPACITY NET TONS/YEAR**	TYPE OF FURNACE(S)
Houston	Cameron Iron Works, Inc.	Scrap-based--special steel, bars, forging, heavy pipe	450,000	Electric
Longview	Marathon LeTourneau Company	Scrap-based--slab, plate, forging	150,000	Electric
Lone Star	Lone Star Steel Company	Integrated--skelp, strip, bars, pipe, tubing	1,500,000	O.H.
Pampa	Cabot Corporation	Scrap-based--alloy steel forgings	15,000	Electric
Sequin	Structural Metals, Inc.	Scrap-based--bar	140,000	Electric
<u>Utah</u>				
Geneva	U.S. Steel Corporation	Integrated--sheet, strip, tinplate, plate, structurals, rod, wire	2,500,000	O.H.
<u>Virginia</u>				
Chesapeake	Intercoastal Steel Corporation	Scrap-based--bars and light structurals	80,000	Electric
Newport News	Newport News Ship & Dry Dock Company	Scrap-based--forgings	6,000	Electric
Roanoke	Roanoke Electric Steel	Scrap-based--bar	170,000	Electric
<u>Washington</u>				
Seattle	Bethlehem Steel Corporation	Scrap-based--bars, structurals, plate	500,000	Electric
Seattle	Jorgensen Co., Earle M.	Scrap-based--forgings	120,000	Electric
Kent	Northwest Steel Rolling Mills, Inc.	Scrap-based--bar, light structural	100,000	Electric
<u>West Virginia</u>				
Huntington	Porter Co., Inc., H.K.	Scrap-based--bar, fabrication	150,000	Electric
Weirton	National Steel Corporation Weirton Steel Division	Integrated--sheet, strip, tinplate, Structurals	3,500,000	B.O.F.

*Plant and Product Description

1) Scrap-based--High percentage of raw material is ferrous scrap for use in electric steel production furnaces. In most cases, pig iron is not produced on the premises.

2) Integrated--Plant consists of blast furnaces, steel furnaces, and rolling mills. Low percentage of raw material is ferrous scrap.

3) Prereduced-based--Pelletized iron-ore used as raw material in steel furnaces. Varied percentages of ferrous scrap are utilized.

**Capacity--Figures are estimates on a most probable potential performance basis. Rarely will yearly production rate represent higher than 90 percent of these figures.

Source: U.S. Environmental Protection Agency compilation based on data from the following sources:

Directory of Iron and Steel Works in the United States, American Iron and Steel Institute, Washington, D.C.

Commentary, Jan., Feb., Mar., 1973, "Raw Steelmaking Facilities in the United States", Institute for Iron and Steel Studies, Greenbrook, N.J.