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005 United States Department of Commerce  
006 Bureau of the Census  
140 Manufacturers Schedule for Delaware (10th Federal Census)  
200 1880  
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240 0.25 cubic feet  
241 1 folder in an OS 31 x 25 x 2 box  
261 The manufacturers schedule includes products of industries and specific enumerations for the more prominent industries in Delaware in 1880.  
270 The census schedules were compiled by enumerators and submitted to the Secretary of the Interior to establish a statistical portrait of the industries in Delaware. Each return includes names of the county, hundred or city, and state as well as the name of the assistant marshal enumerating the district. For each county or hundred schedules provide information on flour and grist mills; cheese, butter, and condensed milk factories; boots and shoes; tanned and curried leather; distilling; agricultural implements; slaughtering and meat packing; salt works; paper mills; lumber mills and saw mills; brick yards and tile works; and products of industry.  
Entries for flour and grist mills include name of corporation, company, or individual producing \$500 in products annually; amount of capital invested; employees (i.e., greatest number employed at any one time, average number of hands employed broken down into males 16 and older, females 15 and older, children and youth); wages and hours of labor (i.e., number of hours in work day from May to November and November to May, average day's wages for a skilled mechanic or for an ordinary laborer, and total amount paid in wages for the year); months in operation (i.e., on full time, on 3/4 time, on 1/2 time, idle); number of runs of stone; estimated maximum capacity per day in bushels; type of girding (i.e., custom, market); bushel capacity of elevator if available; type of power used; if water, name of river or stream, height of fall in feet, number of wheels, kind, breadth, revolutions per minute, and horsepower, and if steam power, number of boilers, engines, and horsepower; materials (i.e., number and value of bushels of wheat and other grains, value of mill supplies, total value of all materials); and products (i.e., number of barrels of wheat flour, rye flour, number of pounds of barley meal, corn meal, pounds of feed and harmony, value of all other products, total value of all products).  
Entries for cheese, butter, combined butter and skimmed cheese, and condensed milk factories include name of corporation; company of individual producing products to the value of \$500 annually; amount of capital invested in business; employees (greatest number employed, average number employed broken down into males 16 and older, females 15 and older, children and youth); wages (i.e., average daily wages for a dairyman and an ordinary laborer, total amount paid in wages during the year, total value of labor employed during the year); dates of opening and closing of manufacturing season; average number of cows furnishing milk during 1879; average cost of milk per 100 pounds; and total number of pounds of milk used at factory during the year. Entries exclusively for cheese factories include number of pounds of cheese; kinds of cheese; average pounds of milk used per pound of cheese produced; average price per pound of cheese for season; cost of production per 100 pounds; cost of furnishing per 100 pounds; and values of buttermilk and skimmed milk sold. Entries exclusively for butter factories include pounds of butter made; average pounds of milk used per pound of butter produced; average price of butter for the season; cost of production per 100 pounds; cost of furnishing per 100 pounds; and value of buttermilk and skimmed milk sold. Entries

exclusively for butter and skim cheese factories include number of pounds of butter made; number of pounds of cheese made; average number of pounds of milk used per pound of cheese produced; average price of butter and cheese for season; price per 100 pounds paid for making butter and cheese; cost of furnishing per 100 pounds of butter or cheese; value of buttermilk and skimmed milk sold. Entries exclusively for condensed milk factories include number of pounds of condensed milk produced; and value of condensed milk produced. Entries on power sources used in butter, cheese and butter and skimmed cheese factories include type (i.e., water or steam); if water, name of river or stream, height of fall, number, kind, breadth, revolutions per minute of wheel, and horsepower; and if steam, number of boilers, engines, and horsepower.

Entries on boots and shoes include name of corporation; company or individual producing up to \$500 annually; capital invested in the business; employees (i.e., greatest number of hands employed during year, average number of hands employed broken down into males 16 years and older, females 15 years and older, children and youth); wages and hours of labor (i.e., number of hours in the ordinary day of labor from May to November, from November to May, average day's wages for a skilled mechanic and an ordinary mechanic, total wages paid annually); months in operation (i.e., full time, three-quarter time, half time, idle); machines (i.e., number of sewing machines, pegging machines, screwing and nailing machines); materials (i.e., number of sides of sole leather, sides of upper leather, pounds of other leather, value of all other materials, total value of all materials); products (i.e., number of pairs of boots, of shoes, value of boots and shoes, of unspecified products including repairing, total value of all materials); types of power used in manufacture (i.e., water, steam); if waterpower, name of river or stream, height of fall, number, kind, breadth, revolutions per minute of each wheel and horsepower; and if steam power, number of boilers, engines, and horsepower.

Entries on tanned and curled leather include name of corporation, company or individual producing \$500 in products annually; capital invested in the business; employees (i.e., greatest number of employees employed during year, average number of hands employed broken down into males 16 and over, females 15 and older, children and youth); wages and hours of labor (i.e., number of hours in an ordinary day from May to November, from November to May, average daily wages for a skilled mechanic and an ordinary laborer, total annual amount paid in wages); months in operation (i.e., full time, 3/4 time, 1/2 time, idle); materials for tanning (i.e., tons of hemlock bark, oak bark, sources of each, number of hides of leather, of skins, gallons of or total value of all materials); products (i.e., number of sides of leather, of skins, total value of products); materials for currying (i.e., number of sides of leather, of skins, gallons of or total value of all materials); products (i.e., number of sides of leather, of skins, total value of products); power used in manufacture (i.e., water or steam); if water power, name of river or stream, height of fall, number, kind, breadth, revolutions per minute and horsepower produced by each wheel; and if steam power, number of boilers, engines and horsepower.

Entries on distilling include name of corporation, company or individual producing \$500 in products annually; name of business, manufacture, or product, capital invested in business; employees (i.e., greatest numbers of hands employed during year, average number of hands employed broken down into males 16 years and older, females 15 years and older, children and youth); wages and hours of labor (i.e., number of hours in ordinary workday from November to May and May to November; average daily wage for a skilled mechanic and for an ordinary laborer, total annual wages paid); months in operation (i.e., on full time, on 3/4 time, on 2/3 time, on 1/2 time, idle); total value of all materials including supplies and fuel; total value of products including gobbling and repairing; type of power used in manufacture (i.e., water or steam); if water power, name of river or stream, height of fall, number, kind, breadth, revolutions per minute,

and horsepower of each wheel; if steam power, number of boilers, engines and horsepower; and total gallons produced.

Entries for agricultural implements include name of corporation, company or individual producing \$500 in products annually; capital invested in business; employees (i.e., greatest number of hands employed at any one time, average number of hands employed broken down into males 16 years and older, females 15 years and over, children and youth); wages and hours of labor (i.e., number of hours in ordinary day of labor from May to November and from November to May; average day's wages for a skilled mechanic and for an ordinary laborer, total amount paid annually in wages); months in operation (i.e., on full time, on 3/4 time, on 1/2 time, idle); power used in manufacture (i.e., water or steam); if water power, name of river or stream, height of fall, number, kind, breadth, revolutions per minute, and horsepower of wheel(s); if steam power, number of boilers, engines and horse power; and materials (i.e., value of lumber used in manufacturing, value of iron and steel used in manufacturing, value of all other materials, total value of all materials). Entries for products include types of seeders and planters (i.e., numbers of corn planters, cotton planters, grain dulls, etc.); implements of cultivation (i.e., numbers of cultivators, harrows, dozens of hoes, dozens of shovels); harvesting implements (i.e., numbers of corn shuckers, of fruit gathers, of grain cradles); seed separators (i.e., numbers of cloves hullers, of fanning mills, of separators); miscellaneous (i.e., numbers of stump pullers, farm wagons, horse carts); value of all other products not specified; and total value of all products.

Entries for lumber mills and sawmills include name of corporation, company or individual producing \$500 of products annually; capital invested in business; employees (i.e., greatest number employed at any one time, average number of hands employed broken down into males 16 years and older, females 15 years and older, children and youth); wages and hours in operation (i.e., number of hours in operation May to November and November to May, average daily wage for a skilled mechanic and for an ordinary laborer, total amount paid annually); months in operation (i.e., on full time, on 3/4 time, on 2/3 time, on 1/2 time, idle); saws (i.e., number of gangs, number of saws in gang, numbers of circular saw, malay saws, band saws); materials (i.e., value of logs, value of mill supplies, total value of all materials); proper sawmill products (i.e., number of thousand feet of lumber, of thousand baths, of thousand shingles, of thousand staves, of thousand sets of headings, of thousand feet of bobbin and spool stock, total value of all products and of all other products); remanufactures; location of wood supply; if owned, proportion of logs brought in; product shipped in company vessels; power used in manufacture (i.e., water or steam); if water power, name of river or stream, height of fall, and wheels (number, kind, breadth, revolutions per minute and horsepower); if steam power, number of boilers, engines and horsepower; and total gallons produced.

Entries for brick yards and tile works include name of corporation, company or individual producing \$500 of products annually; amount of capital invested in business; employees (i.e., greatest number of hands employed during year, average number of hands employed broken down into males 16 years and older, females 15 years and older, children and youth); wages and hours of labor (i.e., number of hours worked per day from May to November and November to May, average day's wages for a skilled mechanic and for an ordinary laborer, total amount of wages paid annually); months in operation (i.e., on full time, on 3/4 time, on 2/3 time, on 1/2 time, idle); materials (i.e., number of cords of wood, value of all other material, total value of all materials); products (i.e., number of thousand brick lots, of common bricks, firebricks or pressed brick, values of tile, drainpipe and all other products, and total value of all products); power used in manufacture (i.e., water or steam); if water power, name of river or stream, height of fall, wheels (number, kind, breadth, revolutions per minute and horsepower); and if steam power, number of boilers, engines and horsepower.

Entries for slaughtering and meat packing include name of corporation, company or individual producing \$500 of products annually; amount of capital invested in business; employees (i.e., greatest number of hands employed during year, average number of hands employed broken down into males 16 years and older, females 15 years and older, children and youth); wages and hours of labor (i.e., number of hours worked per day from May to November and November to May, average daily wage for a skilled mechanic and for an ordinary laborer, total amount of wages paid annually); months in operation (i.e., on full time, on 3/4 time, on 2/3 time, on 1/2 time, idle); materials (i.e., total number and value of beeves, sheep and hogs slaughtered, average gross weight in pounds of beeves, sheep and hogs, value of all animals, value of all other materials used, total value of all materials); products (i.e., pounds of beef, mutton and pork sold fresh, pounds of beef canned; pounds of beef and pork, pork salted or cured, pounds of bacon and hams, pounds of lard, value of all other products, total value of all products); power used in manufacture (i.e., water or steam); if water power, name of river or stream, height of fall, wheels (number, kind, breadth, revolutions per minute, and horsepower); and if steam power; number of boilers, engines and horsepower.

Entries for salt works include name of corporation, company or individual producing \$500 of products annually; amount of capital invested in business; employees (i.e., greatest number of hands employed during year, average number of hands employed broken down into males 16 years and older, females 15 years and older, children and youth); wages and hours of labor (i.e., number of hours worked per day from May to November and November to May, average day's wages for a skilled mechanic and for an ordinary laborer, total amount of wages paid annually); months in operation (i.e., on full time, on 3/4 time, on 2/3 time, on 1/2 time, idle); boiling process machines (i.e., number of blocks, of boilers and aggregate capacity in gallons, of kettles and aggregate capacity in gallons, of pans and aggregate capacity in gallons); solar evaporation machines (i.e., number of vats, aggregate area in square feet); total value of all materials; number of bushels of salt; value of salt; power used in manufacturing (i.e., water or steam); if water power, name of river or stream, height of fall, wheels (number, kind, breadth, revolutions per minute, and horsepower); and if steam power, number of boilers, engines and horsepower.

Entries for paper mills include name of corporation, company or individual producing \$500 of products annually; amount of capital invested in business; employees (i.e., greatest number of hands employed during year, average number of hands employed broken down into males 16 years and older, females 15 years and older, children and youth); wages and hours of labor (i.e., number of hours of work per day from May to November and November to May, average daily wage for superintendent or foreman, machinist or repair, machine tender, engineer, foreman of loft, foreman of furnishing department, other skilled laborers, for an ordinary laborer, total amount of wages paid annually); months in operation (i.e., on full time, on 3/4 time, on 2/3 time, on 1/2 time, idle); tub engines (i.e., number of washers, heaters, length of rollers, diameter of rolls, maximum capacity in pounds); name and number of other machines (i.e., Kingsland, Jordan, Gould, others); paper machines (number of Fourdriver machines, of cylinder machines, width in inches); power used in manufacturing (i.e., water or steam); if water power, name of river or stream, height of fall, wheels (number, kind, breadth, revolutions per minute, and horsepower); and if steam power, number of boilers, engines and horsepower. Entries for materials include tons of rags, old paper, cotton waste, manilla stock, straw, corn stock, and esparto grass; cords of poplar wood and other wood; value of all chemicals, and value of all other materials, of pulp, and all materials. Entries for products include tonnage of printing paper, writing paper, wrapping paper, binder's board and wall paper; poundage of colored paper, blank note paper, tissue paper and all other paper; and total value of all products.

Volume also includes schedule three: products of industry for the three

counties. Entries include name of corporation, company or individual producing to the value of \$500 annually; name of business, manufacture, or product; capital invested in business; employees (i.e., greatest number of employees during year, average number of employees enumerated by males 16 and older, females 15 and older, children and youth); wages and hours of labor (i.e., number of hours of work from May to November and November to May, average day's wages for a skilled mechanic and for an ordinary laborer, total amount to wages paid annually); months in operation (i.e., on full time, 3/4 time, 2/3 time, 1/2 time, idle); value of material including mill supplies and fuel; value of product including jobbing and repairing; power used in manufacture (i.e., water or steam); if water power, name of river or stream, height of fall, wheels (number, kind, breadth, revolutions per minute, and horsepower); if steam power, number of boilers, engines and horsepower.

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WORK STATUS

needs sorting  
 needs unfolding  
 needs foldering/reboxing  
 other: \_\_\_\_\_

ARCHIVIST:

review for identification/  
further determination  
 processing  
 determine origin/purpose  
 other:

CONDITION:

totally disorganized  
 order not apparent  
 origin questionable  
 other: \_\_\_\_\_

FILM:

for security  
 destroy original  
 other:

330

Arranged chronologically by year of census.

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No index.

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Form printed with writing.

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Fair; acid damage; light damage; storage damage; dirt damage.

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See also the book: Industries of Delaware: Historical and Descriptive Review, Cities, Towns and Business Interests, Institutions, Manufacturing and Commercial Advantages, edited by Richard Edwards.

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06/04/1988

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July 11, 1988; November 14, 1988; June 29, 1990; July 12, 1996; May 7, 1997; June 11, 2001

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