

Supervisor's Dist. No. 7  
Enumeration Dist. No. 82

Special Schedules of Manufactures—Nos. 7 and 8.

FLOUR AND CRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Rushville, in the County of Buchanan, State of Missouri  
during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

FLOURING AND CRIST-MILLS.

J. S. Sullivan

Table with 26 columns: NAME OF CORPORATION, CAPITAL, AVERAGE NUMBER OF HANDS EMPLOYED, WAGES AND HOURS OF LABOR, MONTHS IN OPERATION, POWER USED IN MANUFACTURE. Includes handwritten entries for 'Horton & Carter'.

FLOURING AND CRIST-MILLS—Continued.

Table with 16 columns: MATERIALS, PRODUCTS. Includes handwritten entries for flour and other products.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

Table with 24 columns: GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE, INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY, INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Table with 20 columns: INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY—Cont'd., INQUIRIES APPLICABLE TO COMBINED BUTTER AND SKIM-CHEESE FACTORIES ONLY, INQUIRIES APPLICABLE TO CONDENSED MILK FACTORIES ONLY, POWER USED IN MANUFACTURE.

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only servicable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only. COLUMNS 22 to 27 have reference to manufacturers of butter only. COLUMNS 28 to 35 have reference to those factories that manufacture both cheese and butter. COLUMNS 36 and 40 have reference to manufacturers of condensed milk.



Recd July 30, 1880

Supervisor's Dist. No. 7

Enumeration Dist. No. 80

Special Schedules of Manufactures—Nos. 7 and 8.

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Near the Town of Sebalk, in the County of Buchanan, State of Missouri, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

James S. Dix

FLOURING AND GRIST-MILLS.

Table with 26 columns: NAME OF CORPORATION, CAPITAL, AVERAGE NUMBER OF HANDS EMPLOYED, WAGES AND HOURS OF LABOR, MONTHS IN OPERATION, ESTIMATED MAXIMUM CAPACITY, DO YOU DO CUSTOM WORK, IS THERE AN ADVANCE, POWER USED IN MANUFACTURE.

FLOURING AND GRIST-MILLS—Continued.

Table with 17 columns: POWER USED IN MANUFACTURE, MATERIALS, PRODUCTS.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

Table with 24 columns: GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE, INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY, INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Table with 20 columns: INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY—Continued, INQUIRIES APPLICABLE TO COMBINED BUTTER AND SKIM-CHEESE FACTORIES ONLY, INQUIRIES APPLICABLE TO CONDENSED MILK FACTORIES ONLY, POWER USED IN MANUFACTURE.

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only.



Supervisor's Dist. No. 4  
Enumeration Dist. No. 49

Special Schedules of Manufactures—Nos. 7 and 8.

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Dist 49, in the County of Buchanan, State of Missouri during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

*Roller O. Young*

FLOURING AND GRIST-MILLS.

Table with 20 columns: 1. Name of corporation, company, or individual producing to the value of \$500 annually. 2. Capital (real and personal) invested in the business. 3. Greatest number of hands employed at any one time during the year. 4-6. Average number of hands employed (Males above 15 years, Females above 15 years, Children and youth). 7-8. Number of hrs. in the ordinary day of labor (May to November, November to May). 9-11. Wages and hours of labor (Average day's wages for a skilled mechanic, Average day's wages for an ordinary laborer, Total amount paid in wages during the year). 12-15. Months in operation (On full time, On three-quarter time only, On half time only, Idle). 16. Number of runs of stones. 17. Estimated maximum capacity per day, in bushels. 18. Do you do custom work or make only for market? 19. Is there an elevator connected with your establishment? 20. Power used in manufacture (On what river or stream, Height of fall, Number, Kind, Breadth, Revolutions per minute, Horse-power).

FLOURING AND GRIST-MILLS—Continued.

Table with 14 columns: 21-23. Power used in manufacture (Number of boilers, Number of engines, Horse-power). 24-26. Materials (Number of bushels of wheat, Value, Number of bushels of other grain, Value). 27-29. Value of mill supplies, Total value of all materials. 30-32. Products (Number of barrels of wheat flour, Number of barrels of rye flour, Number of pounds of buck-wheat flour, Number of pounds of barley meal, Number of pounds of corn meal, Number of pounds of feed, Number of pounds of lard, Value of all other products, Total value of all products).

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

Table with 24 columns: 1-2. Name of corporation, company, or individual producing to the value of \$500 annually. 3. Capital (real and personal) invested in the business. 4-6. Average number of hands employed. 7-10. Wages. 11-15. Inquiries applicable to cheese factories only (Date when manufacturing season opened, Date when manufacturing season ended, Average number of cows furnishing milk during the year 1879, Average cost of milk per 100 lbs., Total number of pounds of milk used at the factory during the year). 16-21. Inquiries applicable to butter factories only (Number of pounds of cheese made, Kinds of cheese, Average pounds of milk used per pound of cheese produced, Average price per pound at which cheese was sold for the season, Price per 100 pounds paid for making, Cost of furnishing per 100 pounds). 22-24. Inquiries applicable to condensed milk factories only (Number of pounds of butter made, Average pounds of milk used per pound of butter produced, Average price per pound at which butter was sold for the season, Price per 100 pounds paid for making butter).

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Table with 20 columns: 25-27. Inquiries applicable to butter factories only (Price per 100 pounds paid for making, Cost of furnishing per 100 pounds, Value of butter and skimmed milk sold). 28-38. Inquiries applicable to combined butter and skim-cheese factories only (Number of pounds of butter made, Number of pounds of cheese made, Average pounds of milk used per pound of butter produced, Average price per pound at which butter was sold for the season, Average price per pound at which cheese was sold for the season, Price per 100 pounds paid for making butter, Price per 100 pounds paid for making cheese, Cost of furnishing per 100 pounds of butter, Cost of furnishing per 100 pounds of cheese, Value of butter and skimmed milk sold). 39-40. Inquiries applicable to condensed milk factories only (Number of pounds of condensed milk produced, Value of condensed milk produced). 41-50. Power used in manufacture (On what river or stream, Height of fall, Number, Kind, Breadth, Revolutions per minute, Horse-power, Number of boilers, Number of engines, Horse-power).

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be given in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only. COLUMNS 22 to 27 have reference to manufacturers of butter only. COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter. COLUMNS 39 and 40 have reference to manufacturers of condensed milk.



Supervisor's Dist. No. 27

Enumeration Dist. No. 79

Special Schedules of Manufactures—Nos. 7 and 8.

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in \_\_\_\_\_, in the County of Brechanan, State of Miss. during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

FLOURING AND GRIST-MILLS.

Table with 26 columns: NAME OF CORPORATION, CAPITAL, AVERAGE NUMBER OF HANDS EMPLOYED, WAGES AND HOURS OF LABOR, MONTHS IN OPERATION, POWER USED IN MANUFACTURE. Row 1: Akin Bunter, 4000, 10, 3, 12, 9, 150, 100, 12, 00, 4, 8, 2, 3, 25, Custom, Steam, 25.

FLOURING AND GRIST-MILLS—Continued.

Table with 16 columns: POWER USED IN MANUFACTURE, MATERIALS, PRODUCTS. Row 1: 1, 1, 25, 7500, 7500, 15000, 7500, 100, 15, 00, 500, means of giving answers to the above questions, 560, 000, 380, 000, 17, 100.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

Table with 24 columns: GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE, INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY, INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Table with 20 columns: INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY—Continued, INQUIRIES APPLICABLE TO COMBINED BUTTER AND SKIM-CHEESE FACTORIES ONLY, INQUIRIES APPLICABLE TO CONDENSED MILK FACTORIES ONLY, POWER USED IN MANUFACTURE.

THIS COPY is substituted for ORIGINAL SCHEDULES received in bad condition and is a fair unit for preservation.

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months on half time. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for the market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

Columns 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. Columns 16 to 21 have reference to manufacturers of cheese only. Columns 22 to 27 have reference to manufacturers of butter only. Columns 28 to 38 have reference to those factories that manufacture both cheese and butter. Columns 39 and 40 have reference to manufacturers of condensed milk.

ation. NOTE RELATIVE TO ACCEPTED BUTTER FACTORIES.

ORIGINAL RETURN from this district.

Handwritten signature: B. H. O'Keefe



Supervisor's Dist. No. 4

Enumeration Dist. No. 48

Special Schedules of Manufactures—Nos. 7 and 8.

Recd July 30, 1880

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Jackson Township, in the County of Buchanan, State of Missouri during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Cornelius Day

FLOURING AND GRIST-MILLS.

Table with 26 columns: 1-3 (General info), 4-11 (Wages and hours of labor), 12-15 (Machinery), 16-17 (Machinery capacity), 18-19 (Market info), 20-26 (Power used in manufacture).

FLOURING AND GRIST-MILLS—Continued.

Table with 14 columns: 27-29 (Power used in manufacture), 30-35 (Materials), 36-44 (Products).

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

Table with 24 columns: 1-15 (General inquiries), 16-21 (Inquiries for cheese), 22-24 (Inquiries for butter).

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Table with 20 columns: 25-38 (Inquiries for butter), 39-40 (Inquiries for condensed milk), 41-50 (Power used in manufacture).

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only. COLUMNS 22 to 27 have reference to manufacturers of butter only. COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter. COLUMNS 39 and 40 have reference to manufacturers of condensed milk.



Supervisor's Dist. No. 7

Enumeration Dist. No. 75

Special Schedules of Manufactures—Nos. 7 and 8.

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Agency Township, in the County of Buchanan, State of Missouri during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Andrew G. Henley, Enumerator

FLOURING AND GRIST-MILLS.

Table with 26 columns: 1-3 Name of corporation, company, or individual; 4-6 Average number of hands employed; 7-11 Wages and hours of labor; 12-15 Months in operation; 16-17 Estimated maximum capacity; 18 Do you do custom work; 19 Is there an elevator; 20-26 Power used in manufacture.

FLOURING AND GRIST-MILLS—Continued.

Table with 24 columns: 27-29 Power used in manufacture; 30-35 Materials; 36-44 Products.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

Table with 24 columns: 1-15 General inquiries applicable to all factories; 16-21 Inquiries applicable to cheese factories; 22-24 Inquiries applicable to butter factories.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Table with 50 columns: 25-38 Inquiries applicable to combined butter and skim-cheese factories; 39-40 Inquiries applicable to condensed milk factories; 41-50 Power used in manufacture.

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only.



Supervisor's Dist. No. 7  
Enumeration Dist. No. 72

Special Schedules of Manufactures—Nos. 7 and 8.

Received July 30, 1880

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in 72 District, in the County of Buchanan, State of Mo during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me Van B. Wilkerson

FLOURING AND GRIST-MILLS.

Table with 26 columns: 1-2 Name of Corporation, 3-6 Average Number of Hands Employed, 7-11 Wages and Hours of Labor, 12-16 Months in Operation, 17-19 Estimated Maximum Capacity, 20-26 Power Used in Manufacture. Includes handwritten entry for 'Horace W.' with values like 10000, 5, 3, 2, 10, 10, 1.25, 75, 10000, 12, 3, 500, 102, 10, 4, Turbine, 3, 300, 60.

FLOURING AND GRIST-MILLS—Continued.

Table with 24 columns: 27-29 Power Used in Manufacture (Steam-Power), 30-34 Materials (Wheat, Grain, Mill Supplies), 35-44 Products (Barrels of Flour, Pounds of Meal, Pounds of Feed, etc.). Includes handwritten entries for values like 50,000, 5,000, 18,000, 6,300, 50,000, 18,000, 500, 360,000, 169,600, 64,680, 17,500.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

Table with 24 columns: 1-6 General Inquiries (Name, Capital, Hands Employed), 7-15 Wages, 16-21 Inquiries for Cheese Factories (Pounds of Cheese, Price, etc.), 22-24 Inquiries for Butter Factories (Pounds of Butter, Price, etc.).

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Table with 27 columns: 25-27 Inquiries for Butter Factories (Price, Cost, Pounds), 28-38 Inquiries for Combined Butter and Skim-Cheese Factories (Pounds, Price, Cost), 39-40 Inquiries for Condensed Milk Factories (Pounds, Value), 41-50 Power Used in Manufacture (Water-Power, Steam-Power).

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only. COLUMNS 22 to 27 have reference to manufacturers of butter only. COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter. COLUMNS 39 and 40 have reference to manufacturers of condensed milk.



Supervisor's Dist. No. 7  
Enumeration Dist. No. 77

Special Schedules of Manufactures—Nos. 7 and 8.

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in *Washington D.C.*, in the County of *Buchanan*, State of *Missouri*  
during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

*P. B. Jones*

FLOURING AND GRIST-MILLS.

Table with 26 columns: 1. Name of corporation, company, or individual producing to the value of \$500 annually. 2. Capital (real and personal) invested in the business. 3. Greatest number of hands employed at any one time during the year. 4-6. Average number of hands employed (Males above 15 years, Females above 15 years, Children and youth). 7-8. Number of days in the ordinary day of labor (May to November, November to May). 9-10. Average day's wages for a skilled mechanic, Average day's wages for an unskilled laborer. 11. Total amount paid in wages during the year. 12-15. Months in operation (On full time, On three-quarter time only, On half time only, Idle). 16. Number of runs of stone. 17. Estimated maximum capacity per day, in barrels. 18. Do you do custom work or make only for market? If the former, is custom grinding? 19. Is there an elevator connected with your establishment? If so, state capacity in bushels. 20. On what river or stream? (See note below). 21-26. Power used in manufacture (Wheels: Height of fall in feet, Number, Kind, Breadth in feet, Revolution per minute, Horse-power; Steam-power: Number of boilers, Number of engines, Horse-power).

FLOURING AND GRIST-MILLS—Continued.

Table with 14 columns: 27-29. Power used in manufacture (Steam-power: Number of boilers, Number of engines, Horse-power). 30-35. Materials (Number of bushels of wheat, Value, Number of bushels of other grain, Value, Value of mill supplies, Total value of all materials). 36-44. Products (Number of barrels of wheat flour, Number of barrels of rye flour, Number of pounds of buck-wheat flour, Number of pounds of barley meal, Number of pounds of corn meal, Number of pounds of feed, Number of pounds of hominy, Value of all other products, Total value of all products).

CHEESE FACTORIES; BUTTER FACTORIES; COMBINED BUTTER AND SKIM-CHEESE FACTORIES; CONDENSED MILK FACTORIES.

Table with 24 columns: 1. Name of corporation, company, or individual producing to the value of \$500 annually. 2. Capital (real and personal) invested in the business. 3-4. Greatest number of hands employed (Males above 15 years, Females above 15 years). 5-6. Children and youth. 7-8. Average day's wages for a dairy man, Average day's wages for ordinary labor. 9-10. Total amount paid in wages during the year, Total value of labor employed in the year. 11. Dates when manufacturing season opened. 12. Dates when manufacturing season ended. 13. Average number of cows furnished with milk during the year 1879. 14. Average cost of milk per 100 lbs., if bought at the factory. 15. Total number of pounds of milk manufactured during the year. 16. Number of pounds of cheese made. 17. Kind of cheese. 18-19. Average pounds of milk used per pound of cheese produced, Average price per pound at which cheese was sold for the season. 20. Price per 100 pounds paid for making. 21. Cost of furnishing per 100 pounds. 22. Number of pounds of letter made. 23. Average number of milk used per pound of letter made. 24. Average price per pound at which letter was sold for the season.

CHEESE FACTORIES; BUTTER FACTORIES; COMBINED BUTTER AND SKIM-CHEESE FACTORIES; CONDENSED MILK FACTORIES—Continued.

Table with 20 columns: 25-27. Inquiries applicable to butter factories only (Price per 100 pounds paid for making, Cost of furnishing per 100 pounds, Value of butter and skinned milk sold). 28-38. Inquiries applicable to combined butter and skim-cheese factories only (Number of pounds of letter made, Number of pounds of cheese made, Average pounds of milk used per pound of butter produced, Average price per pound of letter made, Average price per pound of cheese produced, Average price per pound at which cheese was sold for the season, Price per 100 pounds paid for making butter, Price per 100 pounds paid for making cheese, Cost of furnishing per 100 pounds of butter, Cost of furnishing per 100 pounds of cheese). 39-40. Inquiries applicable to condensed milk factories only (Number of pounds of condensed milk produced, Value of condensed milk produced). 41-50. Power used in manufacture (On what river or stream? Height of fall in feet, Number, Kind, Breadth in feet, Revolution per minute, Horse-power; Steam-power: Number of boilers, Number of engines, Horse-power).

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the value of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported. Horse-power.—This is an inquiry of great importance. The best information available should be used in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 15 to 21 have reference to manufacturers of cheese only. COLUMNS 22 to 27 have reference to manufacturers of butter only. COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter. COLUMNS 39 and 40 have reference to manufacturers of condensed milk.

Table with 10 columns: 80-89. Native White. 90-99. Foreign White. 100-109. Colored. Rows for various types of flour and grain.

Blank lined paper with handwritten notes and scribbles.



Received July 30, 1880

Supervisor's Dist. No. 7  
Enumeration Dist. No. 71

Special Schedules of Manufactures—Nos. 7 and 8.

FLOUR AND CRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in *Washington D.C.*, in the County of *Buchanan*, State of *Missouri*  
during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

*P.P. Jones*

FLOURING AND CRIST-MILLS.

Table with 26 columns: 1-3 (Factory Name, Capital, Hands), 4-6 (Aver. No. of Hands), 7-11 (Wages and Hours of Labor), 12-16 (Months in Operation), 17 (Estimated Capacity), 18 (Do you...), 19 (Is there an elevator...), 20-26 (Power Used in Manufacture).

FLOURING AND CRIST-MILLS—Continued.

Table with 20 columns: 27-30 (Power Used in Manufacture - Continued), 31-35 (Materials), 36-44 (Products).

Handwritten calculations:  
Butter  
8000 x 24 = 192,000  
1500 x 3.00 = 4,500  
150,000

BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

Table with 24 columns: 1-10 (Factory Name, Date, etc.), 11-15 (Inquiries Applicable to Cheese Factories Only), 16-24 (Inquiries Applicable to Butter Factories Only).

Handwritten notes:  
Live Material Products  
1152  
2000

COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Table with 17 columns: 33-38 (Inquiries Applicable to Condensed Milk Factories Only), 39-40 (Value of condensed milk), 41-50 (Power Used in Manufacture).

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only. COLUMNS 22 to 27 have reference to manufacturers of butter only. COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter. COLUMNS 39 and 40 have reference to manufacturers of condensed milk.



Received July 30, 1880

Supervisor's Dist. No. 7

Enumeration Dist. No. 69

Special Schedules of Manufactures—Nos. 7 and 8.

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Buchanan, in the County of Buchanan, State of Mo during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

AB Ba Enumerator

FLOURING AND GRIST-MILLS.

Table with 26 columns: NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY; CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS; Greatest number of hands employed at any one time during the year; AVERAGE NUMBER OF HANDS EMPLOYED; WAGES AND HOURS OF LABOR; MONTHS IN OPERATION; POWER USED IN MANUFACTURE.

Corrected return

FLOURING AND GRIST-MILLS—Continued.

Table with 16 columns: POWER USED IN MANUFACTURE—Continued; MATERIALS; PRODUCTS.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.

INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY.

INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.

Table with 24 columns: NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY; CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS; AVERAGE NUMBER OF HANDS EMPLOYED; WAGES; INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY; INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Table with 20 columns: INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY—Cont'd.; INQUIRIES APPLICABLE TO COMBINED BUTTER AND SKIM-CHEESE FACTORIES ONLY; INQUIRIES APPLICABLE TO CONDENSED MILK FACTORIES ONLY; POWER USED IN MANUFACTURE.

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only. COLUMNS 22 to 27 have reference to manufacturers of butter only. COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter. COLUMNS 39 and 40 have reference to manufacturers of condensed milk.



Supervisor's Dist. No. 7  
Enumeration Dist. No. 66

Special Schedules of Manufactures—Nos. 7 and 8.

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Hallack, in the County of Buchanan, State of Missouri, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

FLOURING AND GRIST-MILLS.

C. E. Isaacson

Table with 26 columns: 1-2 NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$500 ANNUALLY; 3 CAPITAL (REAL AND PERSONAL) INVESTED IN THE BUSINESS; 4-6 AVERAGE NUMBER OF HANDS EMPLOYED; 7-11 WAGES AND HOURS OF LABOR; 12-15 MONTHS IN OPERATION; 16-17 ESTIMATED MAXIMUM CAPACITY PER DAY; 18-19 POWER USED IN MANUFACTURE; 20-26 IF WATER-POWER IS USED.

FLOURING AND GRIST-MILLS—Continued.

Table with 16 columns: 27-29 POWER USED IN MANUFACTURE; 30-35 MATERIALS; 36-44 PRODUCTS.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

Table with 24 columns: 1-6 GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE; 7-15 INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY; 16-24 INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Table with 24 columns: 25-38 INQUIRIES APPLICABLE TO COMBINED BUTTER AND SKIM-CHEESE FACTORIES ONLY; 39-40 INQUIRIES APPLICABLE TO CONDENSED MILK FACTORIES ONLY; 41-50 POWER USED IN MANUFACTURE.

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The cost of Superintendence, Rent, Freight of goods to market, and other general expenses of a manufacturing establishment are not to be included in Materials. Mill Supplies and Fuel should be included. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. POWER USED IN MANUFACTURE.—If the stream is a very small one, mention also the larger stream or river into which it flows. Only serviceable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only. COLUMNS 22 to 27 have reference to manufacturers of butter only. COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter. COLUMNS 39 and 40 have reference to manufacturers of condensed milk.



Supervisor's Dist. No. 9  
Enumeration Dist. No. 26

Special Schedules of Manufactures—Nos. 7 and 8.

CENSUS RECEIVED  
OFFICE OCT 22 1880

FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in St Joseph, in the County of Inchuanan, State of Missouri  
during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

*Willis W. Sherman, Special Agent.*

FLOURING AND GRIST-MILLS.

Table with columns for Name of Corporation, Capital, Average Number of Hands Employed, Wages and Hours of Labor, Months in Operation, Estimated maximum capacity, and Power Used in Manufacture. Includes entries for R.T. Davis, Hoanck & Bro, Saxton & Co, and Ino Fairclough.

FLOURING AND GRIST-MILLS—Continued.

Table with columns for Materials (Number of bushels of wheat, value, other grain) and Products (Number of barrels of wheat flour, rye flour, buckwheat flour, corn meal, feed, honey, other products).

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.

Table with columns for Name of Corporation, Capital, Average Number of Hands Employed, Wages, Date when manufacturing season opened, Date when manufacturing season closed, Average number of cows farrowing, Average cost of milk per 100 lbs., Total number of pounds of cheese made, Kind of cheese, Average pounds of milk used per pound of cheese, Average price per pound of cheese, Price per 100 pounds paid for making butter, Cost of furnishing per 100 pounds of butter, Number of pounds of butter made, Average pounds of milk used per pound of butter, Average price per pound of butter, Average price per 100 pounds paid for making butter, Price per 100 pounds paid for making cheese, Cost of furnishing per 100 pounds of cheese, Value of butterfat and skimmed milk sold, Number of pounds of condensed milk produced, Value of condensed milk produced.

CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES—Continued.

Table with columns for Price per 100 pounds paid for making butter, Cost of furnishing per 100 pounds, Value of butterfat and skimmed milk sold, Number of pounds of butter made, Average pounds of milk used per pound of butter, Average price per pound of butter, Average price per 100 pounds paid for making butter, Price per 100 pounds paid for making cheese, Cost of furnishing per 100 pounds of cheese, Value of butterfat and skimmed milk sold, Number of pounds of condensed milk produced, Value of condensed milk produced, On what river or stream?, Height of fall, in feet, Number of wheels, Kind of wheels, Breadth, in feet, Revolutions per minute, Horse-power, Number of boilers, Number of engines, Horse-power.

NOTES.—All the 12 months of the year should be accounted for thus: 12 months on full time; or 8 months on full time and 4 months on half time; or 10 months on full time and two months idle. The inquiries in respect to the values of material and of product are of prime importance. Great care and judgment should be exercised in making the returns relative thereto. The value of the Product, in the case of mills and factories producing for a distant market, means the wholesale price of the goods. In the case of small shops producing goods or doing work for the neighborhood only, the value of the product means the price charged at the shop. Only servicable boilers and engines are to be reported. HORSE-POWER.—This is an inquiry of great importance. The best information available should be used in filling these columns.

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

COLUMNS 1 to 15 have reference to all factories of this class, and should be filled for every establishment enumerated. COLUMNS 16 to 21 have reference to manufacturers of cheese only. COLUMNS 22 to 27 have reference to manufacturers of butter only. COLUMNS 28 to 38 have reference to those factories that manufacture both cheese and butter. COLUMNS 39 and 40 have reference to manufacturers of condensed milk.