

Received August 18, 80

Supervisor's Dist. No. 198  
Enumeration Dist. No. 198

Special Schedules of Manufactures—Nos. 7 and 8.

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

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

H. Q. Brown

FLOURING AND GRIST-MILLS.

Table with 26 columns: 1-6 (General info), 7-11 (Wages and hours of labor), 12-16 (Months in operation), 17 (Estimated 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 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 info), 7-10 (Wages), 11-15 (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 20 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.

M.D.



Supervisor's Dist. No. 1  
Enumeration Dist. No. 199

Special Schedules of Manufactures—Nos. 7 and 8.

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

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

Chas. G. Johnson, Enumerator

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). 7-10. Wages and hours of labor (Number of days in the ordinary day 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). 11-15. Months in operation (On full time, On three-quarter time only, On half time only, Idle, Number of runs of stone). 16. Registered maximum capacity per day in bushels. 17. Do you do custom work or make only for market? 18. Is there an elevator connected with your establishment? 19. On what river or stream? 20-26. Power used in manufacture (Wheels: Number, Kind, Breadth in feet, Revolutions per minute, Horse-power).

FLOURING AND GRIST-MILLS—Continued.

Table with 15 columns: 27-30. Materials (Number of bushels of wheat, Value, Number of bushels of other grain, Value). 31-35. Value of mill supplies, Total value of all materials. 36-40. Products (Number of barrels of wheat flour, Number of barrels of rye flour, Number of pounds of buckwheat flour, Number of pounds of barley meal, Number of pounds of corn meal). 41-44. 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: 1-10. General inquiries applicable to all factories named above (Name of corporation, company, or individual producing to the value of \$500 annually; Capital invested; Average number of hands employed; Wages; Total value of labor employed). 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; Average cost of milk per 100 lbs.; Total number of pounds of cheese made). 16-24. Inquiries applicable to butter factories only (Number of pounds of butter made; Average number of pounds of milk used per pound of butter produced; Average price per pound at which butter was sold; Price per 100 pounds paid for making; Cost of finishing per 100 pounds).

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

Table with 15 columns: 25-38. Inquiries applicable to combined butter and skim-cheese factories only (Price per 100 pounds paid for making; Cost of finishing per 100 pounds; Value of butter and skimmed milk sold; Number of pounds of butter made; Number of pounds of cheese made; Average number of pounds of milk used per pound of butter produced; Average price per pound at which butter was sold; Price per 100 pounds paid for making; Cost of finishing per 100 pounds). 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, 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 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. 1  
Enumeration Dist. No. 204

Special Schedules of Manufactures—Nos. 7 and 8.

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

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

FLOURING AND GRIST-MILLS.

*Henry Wille*

Table with 26 columns: 1-3: Name of corporation, capital, and greatest number of hands employed; 4-6: Average number of hands employed by sex and age; 7-11: Wages and hours of labor; 12-15: Months in operation; 16-17: Estimated maximum capacity; 18-19: Custom work; 20-26: Power used in manufacture (wheels, height of fall, revolutions, horse-power).

FLOURING AND GRIST-MILLS—Continued.

Table with 16 columns: 27-29: Power used in manufacture (steam, water, horse-power); 30-34: Materials (wheat, other grain, mill supplies, total value); 35-44: Products (barrels of flour, rye flour, wheat flour, barley meal, corn meal, feed, hominy, other products, total value).

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

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.

Table with 24 columns: 1-6: Name of corporation, capital, and greatest number of hands employed; 7-10: Wages; 11-15: Dates and quantities of manufacturing; 16-21: Inquiries applicable to cheese factories only; 22-24: Inquiries applicable to butter factories only.

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

Table with 25 columns: 25-27: Inquiries applicable to butter factories only; 28-38: 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 (wheels, height of fall, revolutions, 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 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.

*Am. D.*



Supervisor's Dist. No. 1  
Enumeration Dist. No. 206

Special Schedules of Manufactures—Nos. 7 and 8.

Received August, 16, 1880

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

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

R. Schaller

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). 7-11. WAGES AND HOURS OF LABOR (NUMBER OF HRS. IN THE ORDINARY DAY 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 stone. 17. Estimated maximum capacity per day, in bushels. 18. Do you do custom work or make only for a 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 (IF WATER-POWER IS USED: Height of fall, in feet, Number, Kind, Breadth, in feet, Revolutions per minute, Horse-power; IF STEAM-POWER IS USED: Number of boilers, Number of engines, Horse-power).

Corrected return

FLOURING AND GRIST-MILLS—Continued.

Table with 26 columns: 27-29. POWER USED IN MANUFACTURE—Continued (IF STEAM-POWER IS USED: 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). 36-39. 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). 40-44. PRODUCTS (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.

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.

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. 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). 7-10. WAGES (Average day's wages for a skilled man, Average day's wages for ordinary labor, Total amount paid in wages during the year, Total value of labor employed in the year). 11. Date when manufacturing season opened. 12. Date 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 furnished during the year. 16. Number of pounds of cheese made. 17. Kinds of cheese. 18-21. INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY (Average number of 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 BUTTER FACTORIES ONLY (Number of pounds of butter made, Average price per pound at which butter was sold for the season, Average price per pound paid for making).

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

Table with 26 columns: 25. Price per 100 pounds paid for making. 26. Cost of furnishing per 100 pounds. 27. Value of butter and skimmed milk sold. 28. Number of pounds of butter made. 29. Number of pounds of cheese made. 30. Average pounds of milk used per pound of butter produced. 31. Average pounds of milk used per pound of cheese produced. 32. Average price per pound at which butter was sold for the season. 33. Average price per pound at which cheese was sold for the season. 34. Price per 100 pounds paid for making butter. 35. Price per 100 pounds paid for making cheese. 36. Cost of furnishing per 100 pounds of butter. 37. Cost of furnishing per 100 pounds of cheese. 38. Value of butter and skimmed milk sold. 39. Number of pounds of condensed milk produced. 40. Value of condensed milk produced. 41. On what river or stream? (See note below.) 42. Height of fall, in feet. 43. Number. 44. Kind. 45. Breadth, in feet. 46. Revolutions per minute. 47. Horse-power. 48. Number of boilers. 49. Number of engines. 50. 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 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. 71  
Enumeration Dist. No. 207

Special Schedules of Manufactures—Nos. 7 and 8.

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

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

T. H. Leimbach

FLOURING AND GRIST-MILLS.

Table with 26 columns: 1-3 (General info), 4-11 (Wages and hours of labor), 12-16 (Month in operation), 17-19 (Power used in manufacture), 20-26 (Wheels and power details). Includes handwritten entries for 'Mills' and 'Horse-power'.

FLOURING AND GRIST-MILLS—Continued.

Table with 16 columns: 1-4 (Materials), 5-16 (Products). Includes handwritten entries for 'Number of bushels of wheat', 'Value of mill supplies', 'Number of barrels of wheat flour', etc.

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

Table with 24 columns: 1-15 (General inquiries), 16-21 (Inquiries applicable to cheese factories only), 22-24 (Inquiries applicable to butter factories only). Includes handwritten entries for 'Number of hands employed', 'Average price per pound of butter', etc.

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

Table with 20 columns: 1-10 (Inquiries applicable to combined butter and skim-cheese factories only), 11-15 (Inquiries applicable to condensed milk factories only), 16-20 (Power used in manufacture). Includes handwritten entries for 'Price per 100 pounds of milk used', 'Number of pounds of butter made', etc.

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.

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Received August 16 80

Supervisor's Dist. No. 1  
Enumeration Dist. No. 208

Special Schedules of Manufactures—Nos. 7 and 8.

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

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

FLOURING AND GRIST-MILLS. R. W. Muller B. W. Muller

Table with 26 columns: 1-3: Name of corporation, capital, etc.; 4-6: Average number of hands employed; 7-11: Wages and hours of labor; 12-16: Months in operation; 17: Estimated maximum capacity; 18-19: Do you do custom work; 20: On what river or stream; 21-26: Power used in manufacture (wheels, horse-power).

FLOURING AND GRIST-MILLS—Continued.

Table with 16 columns: 27-29: Power used in manufacture (if steam-power is used); 30-35: Materials (wheat, other grain, value); 36-39: Products (barrels of wheat flour, rye flour, buck-wheat flour, barley meal); 40-44: Number of pounds of corn meal, feed, hominy, other products, total value.

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

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.

Table with 24 columns: 1-3: Name of corporation, capital, etc.; 4-6: Average number of hands employed; 7-10: Wages; 11-12: Dates when manufacturing season opened/ended; 13-14: Average number of cows furnished milk; 15: Total number of pounds of milk produced; 16-17: Number and kind of cheese; 18-21: Average pounds of milk used per pound of cheese; 22-24: Number of pounds of butter made, average price per pound.

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

Table with 15 columns: 25-27: Price per 100 pounds paid for making, cost of finishing; 28-38: Number of pounds of butter made, average price per pound, price per 100 pounds paid for making; 39-40: Number and value of condensed milk produced; 41-47: Power used in manufacture (wheels, horse-power); 48-50: Number of bolters, engines, horse-power.

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