

Received July 19, 1880.

Supervisor's Dist. No. 3
Enumeration Dist. No. 46

Special Schedules of Manufactures—Nos. 7 and 8.

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

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

J. A. Hugel Enumerator

FLOURING AND GRIST-MILLS.

Table with 26 columns: NAME OF CORPORATION, CAPITAL, GREATEST NUMBER OF HANDS EMPLOYED, AVERAGE NUMBER OF HANDS EMPLOYED, WAGES AND HOURS OF LABOR, MONTHS IN OPERATION, ESTIMATED MAXIMUM CAPACITY, DO YOU DO CUSTOM WORK, IS THERE AN ADVANTAGE CONCERNED WITH CAPACITY IN BUSHELS.

FLOURING AND GRIST-MILLS—Continued.

Table with 16 columns: POWER USED IN MANUFACTURE, MATERIALS, PRODUCTS. Includes sub-headers for steam-power, wheat, grain, mill supplies, wheat flour, barley flour, buck-wheat flour, barley meal, corn meal, feed, and other products.

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

Table with 24 columns: NAME OF CORPORATION, CAPITAL, GREATEST NUMBER OF HANDS EMPLOYED, AVERAGE NUMBER OF HANDS EMPLOYED, WAGES, DATE WHEN MANUFACTURING SEASON OPENED, DATE WHEN MANUFACTURING SEASON CLOSED, AVERAGE NUMBER OF COWS FURNISHING MILK, AVERAGE COST OF MILK, TOTAL NUMBER OF POUNDS OF MILK USED, 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, PRICE PER 100 POUNDS PAID FOR MAKING, COST OF FURNISHING PER 100 POUNDS, 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, AVERAGE PRICE PER POUND AT WHICH BUTTER WAS SOLD FOR THE SEASON.

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

Table with 16 columns: PRICE PER 100 POUNDS PAID FOR MAKING, COST OF FURNISHING PER 100 POUNDS, VALUE OF BUTTERMILK AND SKIMMED MILK SOLD, NUMBER OF POUNDS OF BUTTER MADE, NUMBER OF POUNDS OF CHEESE MADE, AVERAGE POUNDS OF MILK USED PER POUND OF BUTTER PRODUCED, AVERAGE POUNDS OF MILK USED PER POUND OF CHEESE PRODUCED, AVERAGE PRICE PER POUND AT WHICH BUTTER WAS SOLD, AVERAGE PRICE PER POUND AT WHICH CHEESE WAS SOLD, 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 BUTTERMILK AND SKIMMED MILK SOLD, NUMBER OF POUNDS OF CONDENSED MILK PRODUCED, VALUE OF CONDENSED MILK PRODUCED, ON WHAT RIVER OR STREAM?

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. 8
Enumeration Dist. No. 47

Special Schedules of Manufactures—Nos. 7 and 8.

Received July 12 1880.

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

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

Geo. O. Berry

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 what proportion of your product 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).

FLOURING AND GRIST-MILLS—Continued.

Table with 24 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). 36-44. 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 huminy, 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.

INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY.

INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.

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 dairyman, 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 sold at the factory during the year. 16. Number of pounds of cheese made. 17. Kind of cheese. 18. Average pounds of milk used per pound of cheese produced. 19. Price per 100 pounds of milk which cheese was sold for the season. 20. Price per 100 pounds paid for making. 21. Cost of finishing per 100 pounds. 22. Number of pounds of butter made. 23. Average pounds of milk used per pound of butter produced. 24. Average price per pound at which butter was sold for the season.

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

Table with 50 columns: 25-27. INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY—Cont'd (Price per 100 pounds paid for making, Cost of finishing per 100 pounds, Value of buttermilk 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 pounds of milk used per pound of cheese 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 finishing per 100 pounds of butter, Cost of finishing per 100 pounds of cheese, Value of buttermilk 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.) 42-47. 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).

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 of 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. 3
Enumeration Dist. No. 49

Special Schedules of Manufactures—Nos. 7 and 8.

Received July 19, 1880.

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

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

FLOURING AND GRIST-MILLS.

H. M. Cullough

Table with 26 columns: 1-3 (Name, Capital, Handed), 4-6 (Average Number of Hands Employed), 7-11 (Wages and Hours of Labor), 12-16 (Months in Operation), 17 (Estimated maximum capacity), 18 (Do you do custom work), 19 (Is there an elevator), 20 (On what river or stream), 21-26 (Power Used in Manufacture).

FLOURING AND GRIST-MILLS—Continued.

Table with 26 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.

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.

INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY.

INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.

Table with 24 columns: 1-10 (General Inquiries), 11-15 (Inquiries for Cheese), 16-21 (Inquiries for Butter), 22-24 (Inquiries for Condensed Milk).

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

Table with 50 columns: 25-27 (Inquiries for Cheese), 28-38 (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. 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 18, '80

Supervisor's Dist. No. 8
Enumeration Dist. No. 2-0

Special Schedules of Manufactures—Nos. 7 and 8.

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

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

FLOURING AND GRIST-MILLS.

J. S. Campbell

Table with 26 columns: 1-2 Name of Corporation, 3-6 Average Number of Hands Employed, 7-11 Wages and Hours of Labor, 12-15 Months in Operation, 16-17 Estimated maximum capacity, 18-19 Do you do custom work, 20-26 Power Used in Manufacture.

FLOURING AND GRIST-MILLS—Continued.

Table with 16 columns: 27-29 Power Used in Manufacture (Steam, Horse, etc.), 30-35 Materials (Wheat, Grain, Mill Supplies), 36-44 Products (Wheat Flour, Rye Flour, etc.).

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: 1-6 Name of Corporation, 7-10 Average Number of Hands Employed, 11-15 Wages, 16-17 Date when manufacturing season opened, 18-21 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 20 columns: 25-27 Price per 100 pounds, 28-38 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. 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.