

Supervisor's Dist. No. \_\_\_\_\_

Enumeration Dist. No. \_\_\_\_\_

Special Schedules of Manufactures—Nos. 7 and 8.

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

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

FLOURING AND GRIST-MILLS.

M. J. Allen

Table with 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 AND HOURS OF LABOR; MONTHS IN OPERATION; POWER USED IN MANUFACTURE.

FLOURING AND GRIST-MILLS—Continued.

Table with 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.

Table with 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 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.

CENSUS OFFICE RECEIVED OCT 25 1880

Supervisor's Dist. No. \_\_\_\_\_

Special Schedules of Manufactures—Nos. 7 and 8.

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

Products of Industry in St. Louis, in the County of \_\_\_\_\_, State of Missouri 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: 1-3: General info; 4-11: 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 (wheels, horse-power).

FLOURING AND GRIST-MILLS—Continued.

Table with 17 columns: 27-29: Power used in manufacture (steam, horse); 30-35: Materials (wheat, other grain, mill supplies); 36-44: Products (barrels of wheat flour, rye flour, buckwheat flour, corn meal, feed, hominy, other products).

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

Table with 24 columns: 1-10: General inquiries (capital, hands employed, 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 25 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 (wheels, 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.

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.

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Special Schedules of Manufactures—Nos. 7 and 8.

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

Products of Industry in St Louis, in the County of St Louis, State of Missouri 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: 1-6 General info, 7-11 Wages and hours, 12-16 Months in operation, 17-19 Power used, 20-26 Water-power details. Includes handwritten entry for Southern Mills.

FLOURING AND GRIST-MILLS—Continued.

Table with 26 columns: 27-29 Materials, 30-34 Products. Includes handwritten entries for materials and 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 for general inquiries, 4 for cheese, and 4 for butter. Includes handwritten entries.

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

Table with 50 columns: 25-38 Cheese inquiries, 39-40 Butter inquiries, 41-50 Power used. Includes handwritten entries.

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.

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Supervisor's Dist. No. 3

Special Schedules of Manufactures—Nos. 7 and 8.

OFFICE OCT 25 1880

Enumeration Dist. No.

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

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

J. J. Leavelle

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.

FLOURING AND GRIST-MILLS—Continued.

Table with 26 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 26 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.

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.

\* Day + Night mill

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Special Schedules of Manufactures—Nos. 7 and 8.

CENSUS OFFICE  
OCT 25 1880

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

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

John Hawley

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). 7-10. 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). 11-15. 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? 19. Is there an elevator connected with your establishment? 20. POWER USED IN MANUFACTURE (IF WATER-POWER IS USED, On what river or stream?, Height of fall, in feet, Number, Kind, Breadth, in feet, Revolutions per minute, Horse-power).

FLOURING AND GRIST-MILLS—Continued.

Table with 14 columns: 27-30. POWER USED IN MANUFACTURE—Continued (IF STEAM-POWER IS USED, Number of boilers, Number of engines, Horse-power). 31-35. MATERIALS (Number of bushels of wheat, Value, Number of bushels of other grain, Value, Value of mill supplies, Total value of all materials). 36-40. 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.

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 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 furnishing milk during the year. 14. Average cost of milk per 100 lbs. if bought at the factory. 15. Total number of pounds of milk used 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. 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 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 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 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 furnishing per 100 pounds of butter, Cost of furnishing per 100 pounds of cheese, Value of buttermilk 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 (IF WATER-POWER IS USED, On what river or stream?, 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 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 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. \_\_\_\_\_

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### Special Schedules of Manufactures—Nos. 7 and 8.

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

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

*J. N. Hawley*

### FLOURING AND GRIST-MILLS.

1	2	3	AVERAGE NUMBER OF HANDS EMPLOYED.			WAGES AND HOURS OF LABOR.					MONTHS IN OPERATION.				17	18	19	POWER USED IN MANUFACTURE.							
			4	5	6	NUMBER OF HRS. IN THE ORDINARY DAY OF LABOR.		9	10	11	12	13	14	15				16	IF WATER-POWER IS USED.						
						Males above 16 years.	Females above 15 years.												Children and youth.	May to Novemb'r.	Novemb'r to May.	Average day's wages for a skilled mechanic.	Average day's wages for an ordinary laborer.	Total amount paid in wages during the year.	On full time.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

### FLOURING AND GRIST-MILLS—Continued.

POWER USED IN MANUFACTURE—Continued.			MATERIALS.						PRODUCTS.									
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
																		Number of bushels of wheat.
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	

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

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.

1	2	3	AVERAGE NUMBER OF HANDS EMPLOYED.			WAGES.					INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY.					INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.							
			4	5	6	NUMBER OF HRS. IN THE ORDINARY DAY OF LABOR.		9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
						Males above 16 years.	Females above 15 years.																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

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

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.										
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

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. \_\_\_\_\_

Enumeration Dist. No. \_\_\_\_\_

Special Schedules of Manufactures—Nos. 7 and 8.

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OFFICE OCT 25 1880

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

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

*Wm. Shackmiller*

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 (IF WATER-POWER IS USED, WHEELS).

*Lamp Spring Mill Co*  
*Company*

FLOURING AND GRIST-MILLS—Continued.

Table with 16 columns: POWER USED IN MANUFACTURE (IF STEAM-POWER IS USED), 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 25 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 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. \_\_\_\_\_  
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Special Schedules of Manufactures—Nos. 7 and 8.

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

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

M. H. Allen

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. Deducted maximum capacity per day, in bushels. 18. Do you do custom work or make only for a market? If the former, what proportion of your product is custom grinding? 19. Is there an elevator connected with the mill? 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).

- 1 E. O. Standard 275,000 40 41 1 24 24 1 00 200 28,800 12 14 8000 Market No
- 2 Union Steam Mills 20,000 47 72 24 24 3 25 200 24,000 12 7 1800 Market 70,000
- 3 Wood Maud Milling Co 25,000 40 40 24 24 2 75 100 15,000 12 10 6500 Market 70
- 4 Cherry Street Mills 52,000 72 72 24 24 0 00 2 50 15,000 12 11 1800 Market 90
- 5 Springhaus Bros 50,000 25 25 24 24 1 75 100 8000 10 2 6 1600 Market 70
- 6 Hehler Bros 500,000 150 150 24 24 3 00 1 15,000 12 20 12500 Market 750,000

This report of Hehler Bros embraces their 4 Mills & 9 Corncribs in a city 9 miles from

FLOURING AND GRIST-MILLS—Continued.

Table with 17 columns: 27. Number of boilers. 28. Number of engines. 29. Horse-power. 30. Number of bushels of wheat. 31. Value. 32. Number of bushels of other grain. 33. Value. 34. Value of all supplies. 35. Total value of all materials. 36. Number of barrels of wheat flour. 37. Number of barrels of rye flour. 38. Number of pounds of buck-wheat flour. 39. Number of pounds of barley meal. 40. Number of pounds of corn meal. 41. Number of pounds of feed. 42. Number of pounds of hominy. 43. Value of all other products. 44. 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 closed. 13. Average number of cows furnishing milk during the year 1879. 14. Average cost of milk per 100 lbs., if bought for the factory. 15. Total number of pounds of milk used 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. Average price per pound of cheese sold for the season. 20. Pounds per 100 pounds paid for making. 21. Cost of furnishing 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.

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.

Table with 25 columns: 25. Price per 100 pounds paid for making. 26. Cost of furnishing per 100 pounds. 27. Value of buttermilk 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 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. 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.



CENSUS OFFICE OCT 25 1880

Supervisor's Dist. No. 2

Enumeration Dist. No.

Special Schedules of Manufactures—Nos. 7 and 8.

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

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

J. F. Cahill

FLOURING AND GRIST-MILLS.

Table with 26 columns: 1-3: General info; 4-11: Wages and hours of labor; 12-16: Months in operation; 17-19: Power used in manufacture; 20-26: Water-power details.

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.

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: Cheese inquiries; 16-24: Butter inquiries.

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

Table with 20 columns: 25-38: Cheese and butter inquiries; 39-40: Condensed milk inquiries; 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.