

Supervisor's Dist. No. 4  
 Enumeration Dist. No. 107

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

**FLOURING AND GRIST-MILLS.**
*Edw. B. Lip, Enumerator*

FLOURING AND GRIST-MILLS.																			Sawing up, Crosserater						
NAME OF CORPORATION, COMPANY, OR INDIVIDUAL PRODUCING TO THE VALUE OF \$300 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.					Estimated maximum capacity per day, in bushels.	Do you do custom work, or make only for a market? If the former, what proportion of your product is custom grinding?	Is there an elevator connected with the mill? If so, state capacity in bushels.	POWER USED IN MANUFACTURE.						
			Males above 16 years.	Females above 16 years.	Children and youth.	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.	On full time.	On three-quarter time only.	On half time only.	Idle.*	Number of runs of stone.	On what river or stream? (See note below.)				IF WATER-POWER IS USED.						
																			Height of fall, in feet.	Number.	Kind.	Breadth, in feet.	Revolutions per minute.	Horse-power.	
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
Jackson, Samuel H	850	x	x			10	10						2 1/2	10 1/2	2	50	Custom Work		Hickory Creek	9 1/2	1	Double Furber	2 1/2	156	15
Kiddo, R. R	6000	3 1/3				12	12		100	\$100	12				3	160	both 1/3 Custom		Shoal Creek	7 1/4	2	Double Furber	3	100	40

**FLOURING AND GRIST-MILLS—Continued.**

POWER USED IN MANUFACTURE—Continued.			MATERIALS.						PRODUCTS.									
IF STEAM-POWER IS USED.			Number of bushels of wheat.	Value.	Number of bushels of other grain.	Value.	Value of mill supplies.	Total value of all materials.	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.	
Number of boilers.	Number of engines.	Horse-power.																
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
			30	\$40	300	\$105	15	<del>1150</del> \$145	8				<del>16200</del> <del>1200</del> 139100 <del>16,000</del>	<del>14100</del> <del>145300</del> 5000	omit	<del>product less than 50¢</del> 175	19395	
			7000	6300	2650	765	502	7567	1400		4000					2525	19395	

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

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.															INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY.					INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.			
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.				Date when manufacturing season opened.	Date when manufacturing season closed.	Average number of cows furnishing milk during the year 1872.	Average cost of milk per 100 lbs., if bought at the factory.	Total number of pounds of milk used at the factory during the year.	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.	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.
			Males above 16 years.	Females above 15 years.	Children and youth.	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.														
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	IF WATER-POWER IS USED.					IF STEAM-POWER IS USED.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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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 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.	Number of pounds of condensed milk produced.	Value of condensed milk produced.	Number.	Kind.	Breadth, in feet.	Revolutions per minute.	Horse-power.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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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. Act  
 Enumeration Dist. No. 105

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

Received July 31, 1880.

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

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

## FLOURING AND GRIST-MILLS.

W. C. Chyma

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.					Estimated maximum capacity per day, in bushels.	Do you do custom work or make only for a market? If the former, state the nature of your product is custom grinding?	Is there an elevator connected with your establishment? If so, state capacity in bushels.	POWER USED IN MANUFACTURE.							
			Males above 15 years.	Females above 15 years.	Children and youth.	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.	On full time.	On three-quarter time only.	On half time only.	Idle.	Number of runs of stone.	On what river or stream? (See note below.)				IF WATER-POWER IS USED.							
																			Height of fall, in feet.	Number.	Kind.	Depth, in feet.	Revolutions per minute.	Horse-power.	WHEELS.	
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	
Stroup & Co.	3200	2	1		1	12	12	\$1.00	75	\$150	9			3	2	100	make market custom work		Shirley Creek	2	2	turbine	26 1/2	100	30	

## FLOURING AND GRIST-MILLS—Continued.

POWER USED IN MANUFACTURE—Continued.			MATERIALS.						PRODUCTS.									
IF STEAM-POWER IS USED.			Number of bushels of wheat.	Value.	Number of bushels of other grain.	Value.	Value of mill supplies.	Total value of all materials.	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.	Number of pounds of feed.	Number of pounds of hominy.	Value of all other products.	Total value of all products.	
Number of bolters.	Number of engines.	Horse-power.																
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
			400. total	\$400.	1600. com	\$400.	812.	<sup>812.112</sup> <del>\$812.</del>	80				86400	11200			<sup>1356.</sup> <del>\$8500.</del>	
The Miller in this case had no idea how many Lbs of the different kinds of flour and meal he had made. he thought that he had taken in the above amounts of wheat and corn as total, during the nine months. run, and that he had taken eight hundred dollars, as the sum total of the work done. Enumerator.																		

## 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.

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.				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., if bought at the factory.	Total number of pounds of milk used at the factory during the year.	INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY.					BUTTER FACTORIES ONLY.			
			Males above 15 years.	Females above 15 years.	Children and youth.	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.						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.	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.
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.									
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 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.	Number of pounds of condensed milk produced.	Value of condensed milk produced.	IF WATER-POWER IS USED.						IF STEAM-POWER IS USED.			
																On what river or stream? (See note below.)	Height of fall, in feet.	WHEELS.				Number of boilers.	Number of engines.	Horse-power.	
Number.	Kind.	Breadth, in feet.	Revolutions per minute.																						
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

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 August 2, 30.

[7-344.]

Supervisor's Dist. No. 4Enumeration Dist. No. 104

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

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

Products of Industry in Monticello Township, in the County of New York, State of N.Y.  
during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me. B. J. Munnigh

## FLOURING AND GRIST-MILLS.

FLOURING AND GRIST-MILLS.																											
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.					Do you do custom work, or make only for a market? If the former, what proportion of your product is custom grinding?	Is there an elevator connected with your mill? If so, state capacity in bushels.	POWER USED IN MANUFACTURE.									
			Males above 16 years.	Females above 15 years.	Children and youth.	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.	On full time.	On three-quarter time only.	On half time only.	Idle.	Number of runs of stone.			Estimated maximum capacity per day, in bushels.	On what river or stream? (See note below.)	IF WATER-POWER IS USED.							
						May to November.	November to May.													Height of fall, in feet.	WHEELS.						
																					Number.	Kind.	Breadth, in feet.	Revolutions per minute.	Horse-power.		
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		
Isabel John	2500	2	2			8	10	150	100	1700			12		2	150	Custom & Market		Capt. W. S.	8	1	Turbine	4	25	2		

## FLOURING AND GRIST-MILLS—Continued.

POWER USED IN MANUFACTURE — Continued.			MATERIALS.						PRODUCTS.										
IF STEAM-POWER IS USED.			Number of bushels of wheat.	Value.	Number of bushels of other grain.	Value.	Value of mill supplies.	Total value of all materials.	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.	Number of pounds of feed.	Number of pounds of hominy.	Value of all other products.	Total value of all products.		
Number of boilers.	Number of engines.	Horse-power.																	
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44		
			4200	7200.00	9000	2250	50	195.00	1440				486000	162000			10395		
																	10440		

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

## GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.															INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY.					INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.			
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.				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. if bought at the factory.	Total number of pounds of milk used at the factory during the year.	Number of pounds of cheese made.	Kinds of cheese.	Average number of cattle 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.	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.
			Males above 16 years.	Females above 15 years.	Children and youth.	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.														
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—Continued.			INQUIRIES APPLICABLE TO COMBINED BUTTER AND SKIM-CHEESE FACTORIES ONLY.										INQUIRIES APPLICABLE TO CONDENSED MILK FACTORIES ONLY.		POWER USED IN MANUFACTURE.										
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 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.	Number of pounds of condensed milk produced.	Value of condensed milk produced.	On what river or stream? (See note below.)	Height of fall, in feet.	IF WATER-POWER IS USED.					IF STEAM-POWER IS USED.		
																		Number.	Kind.	Breadth, in feet.	Revolutions per minute.	Horse-power.	Number of boilers.	Number of engines.	Horse-power.
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

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.  
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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.



Supervisor's Dist. No. 4Enumeration Dist. No. 103

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

## FLOURING AND GRIST-MILLS.

FLOURING AND GRIST-MILLS.																	POWER USED IN MANUFACTURE.								
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.				Estimated maximum capacity per day, in bushels.	Do you do custom work or make only for your own use? If so, state what proportion of your product is custom grinding?	Is there an elevator connected with your establishment? If so, state capacity in bushels.	On what river or stream? (See note below.)	IF WATER-POWER IS USED.						
			Males above 15 years.	Females above 15 years.	Children and youth.	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.	On full time.	On three-quarter time only.	On half time only.	Idle.					Number of runs of stone.	WHEELS.					
						May to November.	November to May.													Kind.	Breadth, in feet.	Revolutions per minute.	Horse-power.		
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
<i>Eagle Mills</i>	<i>500</i>	<i>X</i>	<i>X</i>			<i>10</i>	<i>9</i>				<i>12</i>				<i>2</i>	<i>45</i>	<i>London St.</i>		<i>Indiana river</i>			<i>Leffel's Turbine</i>	<i>96</i>	<i>6</i>	

## FLOURING AND GRIST-MILLS—Continued.

POWER USED IN MANUFACTURE —Continued.			MATERIALS.						PRODUCTS.									
IF STEAM-POWER IS USED.			Number of bushels of wheat.	Value.	Number of bushels of other grain.	Value.	Value of mill supplies.	Total value of all materials.	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.	
Number of boilers.	Number of engines.	Horse-power.																
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	
			300	500	3000	750	50	1300.1250	100				150000	28000			1400	

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

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.

GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.										INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY.						INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.							
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.				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., if bought at the factory.	Total number of pounds of milk used at the factory during the year.	Number of pounds of cheese made.	Kind 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 finishing per 100 pounds.	Number of pounds of butter made.	Average pounds of milk used in making butter.	Average price per pound at which butter was sold for the season.
			Males above 15 years.	Females above 15 years.	Children and youth.	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.														
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—Continued.			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	IF WATER-POWER IS USED.					IF STEAM-POWER IS USED.			
																		On what river or stream? (See note below.)	Height of fall, in feet.	WHEELS.				Number of boilers.	Number of engines.	Horse-power.
																				Number.	Kind.	Breadth, in feet.	Revolutions per minute.			
																		43	44	45	46	47	48	49	50	

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 August 2, 1880.

Supervisor's Dist. No. 4  
Enumeration Dist. No. 100

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

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

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

## FLOURING AND GRIST-MILLS.

Ben Hamilton

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.				Estimated maximum capacity per day, in bushels.	Do you do custom work or make only for a market? If the former, state the proportion of your product is custom grinding?	Is there an elevator connected with your establishment? If so, state capacity in bushels.	POWER USED IN MANUFACTURE.											
			Males above 16 years.	Females above 16 years.	Children and youth.	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.	On full time.	On three-quarter time only.	On half time only.	Idle.					Number of runs of stone.										
						May to November.	November to May.																						
																				1	2	3	4	5	6	7	8	9	10
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				
McLinn's Mill	4000.00	12	3			10	10	150	1.00	\$900.00	12				2	200	one half	no											
Owens' Mill	1500.	2	2			10	10	100	75¢	\$100.00	8			4	2	65	all	no	East Creek	14	1	Leaf Turbine	32	300	22				
Balf J J	2000.	2	2			10	10	125	50¢	578-	12				2	150	two thirds	no	East Creek into Grand floor	8	1	Double Turbine	42	100	23				

## FLOURING AND GRIST-MILLS—Continued.

POWER USED IN MANUFACTURE—Continued.			MATERIALS.				PRODUCTS.										
IF STEAM-POWER IS USED.			Number of bushels of wheat.	Value.	Number of bushels of other grain.	Value.	Value of mill supplies.	Total value of all materials.	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.	Number of pounds of feed.	Number of pounds of hominy.	Value of all other products.	Total value of all products.
Number of boilers.	Number of engines.	Horse-power.															
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
1	1	30	18000	\$18000.	15000	\$15000.	\$750.	\$2222.50	3600				750000	450000	137200.		4105.75
			4160	4160	9000	2700.	25.	6885.	832.				450000				7562
			12000	12000	12000	3600.	125.	15725.	2400				600000	312000			15000
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## CHEESE FACTORIES: BUTTER FACTORIES: COMBINED BUTTER AND SKIM-CHEESE FACTORIES: CONDENSED MILK FACTORIES.

## GENERAL INQUIRIES APPLICABLE TO ALL FACTORIES NAMED ABOVE.

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.				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., if bought at the factory.	Total number of pounds of milk used at the factory during the year.	INQUIRIES APPLICABLE TO CHEESE FACTORIES ONLY.					INQUIRIES APPLICABLE TO BUTTER FACTORIES ONLY.			
			Males above 16 years.	Females above 15 years.	Children and youth.	Average day's wages for a dailyman.	Average day's wages for ordinary labor.	Total amount paid in wages during the year.	Total value of labor employed in the year.	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.	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.	
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.										
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 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.	Number of pounds of condensed milk produced.	Value of condensed milk produced.	On what river or stream? (See note below.)	Height of fall, in feet.	IF WATER-POWER IS USED.					IF STEAM-POWER IS USED.		
																		Number.	Kind.	Breadth, in feet.	Revolutions per minute.	Horse-power.	Number of boilers.	Number of engines.	Horse-power.
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

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. 4

Enumeration Dist. No. 99

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

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

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

## FLOURING AND GRIST-MILLS.

John M. Ingram

FLOURING AND GRIST-MILLS.																										JOHN W. ANGELO				
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.					Estimated maximum capacity per day, in bushels.	Do you do custom work or make flour or grist for others? If so, what proportion of your product is custom grinding?	Is there an elevator connected with your establishment? If so, state capacity in bushels.	POWER USED IN MANUFACTURE.											
			Males above 15 years.	Females above 15 years.	Children and youth.	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.	On full time.	On three-quarter time only.	On half time only.	Idle.	Number of runs of stone.				On what river or stream? (See note below.)	Height of fall, in feet.	IF WATER-POWER IS USED.									
						May to November.	November to May.														Number.	Kind.	Breadth, in feet.	Revolutions per minute.	Horse-power.					
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			
Pitcher & Co.	10000	4	3			11	10	150	75	700	12				3	400	one half		Shoal river	8	4	turbine	4 1/2	132	50					
Ellars Benjamin	3000	2	2			8	5	150	75	400	9				3	200	all		Carter creek	7	2	turbine	3 1/2	200	24					

## FLOURING AND GRIST-MILLS—Continued.

POWER USED IN MANUFACTURE —Continued.			MATERIALS.						PRODUCTS.										
IF STEAM-POWER IS USED.			Number of bushels of wheat.	Value.	Number of bushels of other grain.	Value.	Value of mill supplies.	Total value of all materials.	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.		
Number of boilers.	Number of engines.	Horse-power.																	
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44		
			20000 5000	18000 4000	20000 8000	5000 2000	1500 150	24500 6150	4000 1200				1080000 200000 432000 15000	440000 175000 110000 12500			27720 29400 11600 7350 500		

## 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.

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.				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. if bought at the factory.	Total number of pounds of milk used at the factory during the year.	CHEESE FACTORIES ONLY.						BUTTER FACTORIES ONLY.		
			Males above 15 years.	Females above 15 years.	Children and youth.	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.						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.	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.
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—Continued.			INQUIRIES APPLICABLE TO COMBINED BUTTER AND SKIM-CHEESE FACTORIES ONLY.											INQUIRIES APPLICABLE TO CONDENSED MILK FACTORIES ONLY.		POWER USED IN MANUFACTURE.									
Price per 100 pounds paid for making.	Cost of furnishing per 100 pounds.	Value of butter 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 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.	Number of pounds of condensed milk produced.	Value of condensed milk produced.	On what river or stream? (See note below.)	Height of fall, in feet.	IF WATER-POWER IS USED.					IF STEAM-POWER IS USED.		
																		WHEELS.					Number of boilers.	Number of engines.	Horse-power.
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	Number.	Kind.	Breadth, in feet.	Revolutions per minute.	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. 4Enumeration Dist. No. 97

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

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

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

## FLOURING AND GRIST-MILLS.

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.					Estimated maximum capacity per day, in bushels.	Do you do custom work or make only for a market? If the former, what proportion of your product is custom grinding?	Is there an elevator connected with your establishment? If so, state capacity in bushels.	POWER USED IN MANUFACTURE.							
			Males above 16 years.	Females above 15 years.	Children and youth.	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.	On full time.	On three-quarter time only.	On half time only.	Idle.	Number of runs of stone.	On what river or stream? (See note below.)				Height of fall, in feet.	IF WATER-POWER IS USED.						
																				Number.	Kind.	Breadth, in feet.	Revolutions per minute.	Horse-power.		
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	
Reeling John \$12,000		3	2			10	10	\$1.75	\$1.25	\$2.00	6	4	1	3	235	50 pr. and custom	none	Shoal Creek	8	4	Turbin (wood)	13	77	1		

## FLOURING AND GRIST-MILLS—Continued.

POWER USED IN MANUFACTURE —Continued.			MATERIALS.						PRODUCTS.								
IF STEAM-POWER IS USED.																	
Number of boilers.	Number of engines.	Horse-power.	Number of bushels of wheat.	Value.	Number of bushels of other grain.	Value.	Value of mill supplies.	Total value of all materials.	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.	Number of pounds of feed.	Number of pounds of hominy.	Value of all other products.	Total value of all products.
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
			30	40	31	00	12.74	10.35	10	41.45	6.92	4	146616	16.20	57.54		83.335

## 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.			
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.				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., if bought at the factory.	Total number of pounds of milk used at the factory during the year.	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 milking.	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 for the season.	
			Males above 16 years.	Females above 15 years.	Children and youth.	Average day's wages for a dayman.	Average day's wages for ordinary labor.	Total amount paid in wages during the year.	Total value of labor employed in the year.															
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

## 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.									
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 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.	Number of pounds of condensed milk produced.	Value of condensed milk produced.	On what river or stream? (See note below.)	Height of fall, in feet.	IF WATER-POWER IS USED.					IF STEAM-POWER IS USED.		
																		WHEELS.					Number of boilers.	Number of engines.	Horse-power.
25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	Number.	Kind.	Breadth, in feet.	Revolutions per minute.	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.