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

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

### Mathematics

**1880.**

**Missouri.**


### NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

- **Columns 1 to 10** have reference to factories of this class, and should be filled for every establishment enumerated.
- **Columns 11 to 14** have reference to establishments of cheese only.
- **Columns 15 to 18** have reference to establishments of butter only.
- **Columns 19 to 21** have reference to those establishments that manufacture both cheese and butter.
- **Columns 22 and 23** have reference to establishments of condensed milk.

**Supervisor's Dist. No. 113**

**Enumeration Dist. No. 4**

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

--

**Tenth Census: Manufactures.**

--

**Power Used in Manufacture.**

<table>
<thead>
<tr>
<th>Power Used in Manufacture</th>
<th>Power Used in Manufacture</th>
<th>Power Used in Manufacture</th>
<th>Power Used in Manufacture</th>
<th>Power Used in Manufacture</th>
<th>Power Used in Manufacture</th>
<th>Power Used in Manufacture</th>
<th>Power Used in Manufacture</th>
<th>Power Used in Manufacture</th>
<th>Power Used in Manufacture</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>20</td>
<td>30</td>
<td>40</td>
<td>50</td>
<td>60</td>
<td>70</td>
<td>80</td>
<td>90</td>
<td>100</td>
</tr>
<tr>
<td>11</td>
<td>21</td>
<td>31</td>
<td>41</td>
<td>51</td>
<td>61</td>
<td>71</td>
<td>81</td>
<td>91</td>
<td>101</td>
</tr>
<tr>
<td>12</td>
<td>22</td>
<td>32</td>
<td>42</td>
<td>52</td>
<td>62</td>
<td>72</td>
<td>82</td>
<td>92</td>
<td>102</td>
</tr>
</tbody>
</table>

**General Reports Applied to:**

- **Number of persons employed.**
- **Number of families.**
- **Number of families.**
- **Number of families.**
- **Number of families.**

**Remarks:**

- If the business is a very small one, mention the larger size or size into which it grows.
- Power used to be before all entries of a less importance. The last information available should be used in filling these columns.

---

---
**Flour and Grist Mills—Condensed Milk Factories.**

Products of Industry in Missouri, State of Mo. during the twelve months beginning July 1880, as enumerated by me.

<table>
<thead>
<tr>
<th>Name of Mill</th>
<th>Number of Horses</th>
<th>Number of Mules</th>
<th>Number of Oxen</th>
<th>Total Value of Live Stock</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name of Mill</th>
<th>Number of Horses</th>
<th>Number of Mules</th>
<th>Number of Oxen</th>
<th>Total Value of Live Stock</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Cheese Factories: Butter Factories: Combined Butter and Skim-Cheese Factories: Condensed Milk Factories.**

<table>
<thead>
<tr>
<th>Name of Owning Company</th>
<th>Number of Horses</th>
<th>Number of Mules</th>
<th>Number of Oxen</th>
<th>Total Value of Live Stock</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Field Notes:**
- All quantities to be reported in terms of bushels and gallons of milk and milk products, or in terms of yeast and yeast cake.
- The report should include the total number of employees, both male and female, employed at the establishment.
- The report should also include the total number of persons engaged in the manufacture of each product.
- The report should be signed by the owner or manager of the establishment.

**Notes:**
- The report should be signed by the owner or manager of the establishment.
- The report should be submitted within thirty days from the date of the report.
- The report should be signed by the owner or manager of the establishment.

**Additional Notes:**
- All quantities to be reported in terms of bushels and gallons of milk and milk products, or in terms of yeast and yeast cake.
- The report should include the total number of employees, both male and female, employed at the establishment.
- The report should also include the total number of persons engaged in the manufacture of each product.
- The report should be signed by the owner or manager of the establishment.

**Field Notes:**
- All quantities to be reported in terms of bushels and gallons of milk and milk products, or in terms of yeast and yeast cake.
- The report should include the total number of employees, both male and female, employed at the establishment.
- The report should also include the total number of persons engaged in the manufacture of each product.
- The report should be signed by the owner or manager of the establishment.

**Additional Notes:**
- All quantities to be reported in terms of bushels and gallons of milk and milk products, or in terms of yeast and yeast cake.
- The report should include the total number of employees, both male and female, employed at the establishment.
- The report should also include the total number of persons engaged in the manufacture of each product.
- The report should be signed by the owner or manager of the establishment.
## FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

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

### FLOURING AND GRIST MILLS.

<table>
<thead>
<tr>
<th>Name of Mill</th>
<th>Capital</th>
<th>Value of Stock in Trade</th>
<th>Value of All Property</th>
<th>Number of Hands Employed</th>
<th>Value ofAll Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miller Mill</td>
<td>$1500</td>
<td>$2000</td>
<td>$3000</td>
<td>10</td>
<td>$1000</td>
</tr>
</tbody>
</table>

### FLOURING AND GRIST MILLS—Continued.

<table>
<thead>
<tr>
<th>Description</th>
<th>Stock</th>
<th>Value</th>
<th>All Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheat</td>
<td>$5000</td>
<td>$6000</td>
<td>$7000</td>
</tr>
<tr>
<td>Flour</td>
<td>$1500</td>
<td>$2000</td>
<td>$2500</td>
</tr>
</tbody>
</table>

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

**General Enlargements Applicable to All Factories Named Above:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Stock</th>
<th>Value</th>
<th>All Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheese</td>
<td>$1000</td>
<td>$1200</td>
<td>$1500</td>
</tr>
<tr>
<td>Butter</td>
<td>$500</td>
<td>$600</td>
<td>$700</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Description</th>
<th>Stock</th>
<th>Value</th>
<th>All Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skim Cheese</td>
<td>$200</td>
<td>$240</td>
<td>$300</td>
</tr>
<tr>
<td>Condensed Milk</td>
<td>$300</td>
<td>$360</td>
<td>$450</td>
</tr>
</tbody>
</table>

**Notes Relative to Cheese and Butter Factories:**

- Columns 1 to 15 inclusive refer to all factories of cheese only.
- Columns 16 and 17 inclusive refer to factories of condensed milk only.
- Columns 18 and 19 inclusive refer to factories of butter only.
- Columns 20 to 21 inclusive refer to factories that produce both cheese and butter.

**Hand-made Cheese:** This is in the nature of hand manufacture. The best ingredients should be used in making these cheeses.

**Hand-made Butter:** This is in the nature of hand manufacture. The best ingredients should be used in making these butters.

---

*Figures in the table represent the number of pounds of cheese or butter produced, except in the case of small shops producing goods or things worth less than 3 dollars.*

---

*Hand-made Cheese:* This is the nature of hand manufacture. The best ingredients should be used in making these cheeses.
Special Schedules of Manufactures—Nos. 7 and 8.

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

Products of Industry in Jackson, R.P., in the County of Polk, State of Wisconsin, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

FLOURING AND GRIST MILLS.

<table>
<thead>
<tr>
<th>STATE OF WISCONSIN</th>
<th>COUNTY</th>
<th>TOWNSHIP</th>
<th>WAGERS AND GRIFFS OF LAND</th>
<th>MILL IN CHARGE</th>
<th>POWER OF GENERATION</th>
<th>MANUFACTURE</th>
<th>VALUE OF MANUFACTURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>NAME OF ENTERPRISE</th>
<th>CAPITAL</th>
<th>RAW MATERIALS</th>
<th>WORKING TONES</th>
<th>VALUE</th>
<th>MANUFACTURE</th>
<th>POWER OF GENERATION</th>
<th>MANUFACTURE</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>NUMBER</th>
<th>NAME</th>
<th>CAPITAL</th>
<th>RAW MATERIALS</th>
<th>WORKING TONES</th>
<th>VALUE</th>
<th>MANUFACTURE</th>
<th>POWER OF GENERATION</th>
<th>MANUFACTURE</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.

Columns 1 to 11 have reference to all factories of this class, and should be filled for every establishment enumerated.

Columns 12 to 18 have reference to manufacturing of cheese only.

Columns 19 to 25 have reference to manufacturing of butter only.

Columns 26 to 32 have reference to the combined manufacture of both cheese and butter.

Columns 33 and 34 have reference to establishments of condensed milk.

The best information available should be used in filling these columns.
FLOUR AND GRISt MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

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

WAGE AND HOURLY LABOR.  NOTE IN VOLUMES.

<table>
<thead>
<tr>
<th>WORKING DAYS</th>
<th>NUMBER OF HANDS</th>
<th>HOURLY WAGES</th>
<th>NUMBER OF MACHINES</th>
<th>VALUE OF MATERIALS</th>
<th>NUMBER OF LABORERS</th>
<th>WAGES PAID</th>
<th>TOTAL WAGES</th>
<th>TOTAL WAGES</th>
<th>TOTAL WAGES</th>
<th>TOTAL WAGES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

GENERAL INQUIRY APPLICABLE TO ALL FACTORIES NAMED ABOVE.

PRINTED BY ORDER OF THE SECRETARY OF STATE, WASHINGTON, D.C., 1880.
FLOUR AND GRIST MILLS—CHEESE, BUTTER, AND CONDENSED MILK FACTORIES.

Products of Industry in Johnson Township 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.


Notes Relative to Cheese and Butter Factories.

Notes—All the 15 months of the year should be accounted for. If 23 months or half time, and 8 months or 4 months on half time, or 3 months on half time and two months life. The number of workers in the case of half time is not to be counted for the purpose of these returns. The number of workers in the case of half time is not to be counted for the purpose of these returns.

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

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

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

**PM Burns**

---

### FLOURING AND GRIST-MILLS—Continued.

<table>
<thead>
<tr>
<th>Name of Factory or Mill</th>
<th>Number of Horses</th>
<th>Number of Mules</th>
<th>Number of Men</th>
<th>Number of Women</th>
<th>Number of Children</th>
<th>Number of Horses and Mules</th>
<th>Number of Men and Women</th>
<th>Number of Children and Horses and Mules</th>
<th>Total Value of Property in Mills</th>
<th>Value of Mills</th>
<th>Value of Mules</th>
<th>Value of Horses</th>
<th>Value of Tools and Machinery</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**Official Factories Applicable to All Factories Same Rate.**

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

| Name of Factory or Mill | Number of Horses | Number of Mules | Number of Men | Number of Women | Number of Children | Number of Horses and Mules | Number of Men and Women | Number of Children and Horses and Mules | Total Value of Property in Mills | Value of Mills | Value of Mules | Value of Horses | Value of Tools and Machinery |
|-------------------------|------------------|-----------------|---------------|----------------|-------------------|-----------------------------|---------------------------|-----------------------------------|                                 |                |                |                |                             |
|                         |                  |                 |               |               |                   |                            |                           |                                    |                                 |                |                |                |                             |

**NOTES RELATIVE TO CHEESE AND BUTTER FACTORIES.**

- Columns 1 to 5 relate to cheese factories only.
- Columns 6 to 10 relate to butter factories only.
- Columns 11 to 15 relate to condensed milk factories only.
- Columns 16 to 20 relate to combined butter and skim-cheese factories only.
- Columns 21 to 25 relate to all factories.

---

**4. Johnson**