**SCHEDULE 3—MANUFACTURES.**—Products of Industry in the County of **St. Louis**, in the County of **Missouri**, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

<table>
<thead>
<tr>
<th>County</th>
<th>Name of District</th>
<th>Name of Village of Manufacturing</th>
<th>Average Number of Hands in Establishment</th>
<th>Wages and Value of Labor</th>
<th>Hours Labor per Day</th>
<th>Output or Produce</th>
<th>Price per Gross</th>
</tr>
</thead>
<tbody>
<tr>
<td>Montgomery</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Madrid County</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ozark County</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay County</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marthasville</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brown County</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Randolph County</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay County</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**
- The term "Manufacturing" must be understood, as hereinafter set forth, in the case of establishments which are engaged in the manufacture of goods for sale, to include all establishments which are engaged in the manufacture of goods for sale, whether they be engaged in the manufacture of goods for sale or for home consumption.
- The output of the product, in the case of small establishments, shall be given in dollars, and shall be stated in the column headed "Value of Product." In the case of small establishments, the value of the product shall be stated in the column headed "Value of Product."
**SCHEDULE 3.—MANUFACTURES.—Products of Industry in the County of Randolph, State of Illinois, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by J. B. Griffith.**

<table>
<thead>
<tr>
<th>Name of Manufacturer or Company</th>
<th>Address</th>
<th>Capital and Credit</th>
<th>Average Number of Hands Employed</th>
<th>Wages and Salaries Given</th>
<th>Material &amp; Fuel</th>
<th>Price and Cost in Manufacturing</th>
<th>Price and Cost of Goods</th>
<th>Number of Hours Worked</th>
<th>Number of Days Worked</th>
<th>Number of Weeks Worked</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>James A. Johnson</td>
<td>Normal</td>
<td>$2,000</td>
<td>10</td>
<td>125</td>
<td>150</td>
<td>1,200</td>
<td>1,500</td>
<td>120</td>
<td>200</td>
<td>10</td>
<td>Evenly-distributed.</td>
</tr>
<tr>
<td>William E. Reed</td>
<td>Normal</td>
<td>$1,000</td>
<td>12</td>
<td>120</td>
<td>180</td>
<td>1,200</td>
<td>1,500</td>
<td>120</td>
<td>200</td>
<td>10</td>
<td>Evenly-distributed.</td>
</tr>
</tbody>
</table>

**Note:** Excess of hand-work and hand-crafted goods not included.

Dated June 30, 1880

J. B. Griffith, Enumerator.
The following classes of Manufacturing Establishments will be reported on a SPECIAL MANUFACTURING SCHEDULE, and not on this Schedule, viz.:

1. Rock and Stone Factories.
2. Railroad and Car Factories.
5. Brick Yards and Tile Works.
7. Agricultural Implement Works.
8. Quarries.

**SCHEDULE 3.—MANUFACTURES.—Products of Industry in Prairie Township, in the County of Randolph, State of Missouri, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.**

<table>
<thead>
<tr>
<th>Name of Manufacturer, Company, or Corporation,</th>
<th>Name of Township, etc.</th>
<th>Capital in Capital in</th>
<th>Monthly Average Number of</th>
<th>Monthly Average Hours and Rates of Labor</th>
<th>Monthly Average Pay</th>
<th>Power used</th>
<th>Expenses, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>P. J. McHolland, Flooring</td>
<td>#5000</td>
<td>$5000</td>
<td>108 2/3</td>
<td>12 1/2</td>
<td>65</td>
<td>1600</td>
<td>30-70</td>
</tr>
</tbody>
</table>

I hereby declare that I have this day completed the enumeration of the district assigned me and that the returns have been faithfully and truthfully made in accordance with the instructions of the office.

J. W. Adams, Enumerator.

---

**Instructions:**
1. The term "Manufacturing Industry" must be understood to include, in its largest sense, all factories and workshops, but also the mechanical trades, such as blacksmithing, coopering, carpentering, etc. The work shop should not be included, provided the products are made outside of the shop.
2. The land in which the factory is situated or the character of its products shall be described as accurately as possible, thus: Street-Machine, Groove, Victorian, Post Office, Machine Shop, Cooperage, Blacksmithing, etc.
3. The number of employees in each establishment, on an average day, shall be counted, and the number of hours an employee shall work, and the average pay shall be stated.
4. The nature of the products, the cost of materials, and the general expenses shall be stated.
5. The name of the manufacturer, company, or corporation, and the place of business shall be given.

---

**by J. W. Adams, Enumerator.**
### SCHEDULE 3.—MANUFACTURES.—Products of Industry in Logan Creek Township, in the County of Randolph, State of Missouri, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

#### Schedule Information
- **Post Office:** Neely, Randolph County, Mo.
- ** enumerator:** A. I. Reed

#### Table
<table>
<thead>
<tr>
<th>Name of Corporation, Company, or Person</th>
<th>Kind of Industry</th>
<th>Capital and Improvements</th>
<th>Average number of Men, Women, and Children</th>
<th>Average number of Hours of Labor per Week</th>
<th>Monthly Wages</th>
<th>Fuel</th>
<th>Other Power</th>
<th>Amounts of Wages and Other Expenditures</th>
<th>Total Value of Manufactures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marshalls, Boro, Worman, Drafty</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>
</tr>
</tbody>
</table>

#### Notes
- I certify that I have this day completed the enumeration of the district assigned me, and that the returns have been duly and faithfully made in accordance with law and my oath of office.

**Signed:** J. A. Reed

**Date:** June 22, 1880

---

**Instructions:**
- The term "Production Industry" must be understood to include not only all factories and large works, but also the mechanical trades, in blacksmithing, carpenting, carpentry, etc. The smallest shop should be included whose products exceed $100 weekly, including the cost of materials. Enumeration will take place in each of the production establishments, large and small, within the several districts.

**Columns:**
- Column 1: The kind of industry or the nature of the product should be described as accurately as possible, thus: Spinning, Woven, Canvas, Fabrics, etc.
- Column 2: The amount paid should be entered, in dollars and cents, as $100.00.
The following classes of Manufacturing Establishments will be reported on a SPECIAL MANUFACTURING SCHEDULE, and not on this Schedule, viz.:

(1.) Boot and Shoe Factories.
(2.) Cheese and Butter Factories.
(3.) Flouring and Grist Mills.
(4.) Salt Works.
(5.) Linters Mills and Saw Mills.
(6.) Brick Yards and Tile Works.
(7.) Paper Mills.
(8.) Coal Mines.
(9.) Agricultural Implement Works.
(10.) Quarries.

SCHEDULE 3.—MANUFACTURES.—Products of Industry in Alexander, in the County of Randolph, State of Missouri, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Post Office:

<table>
<thead>
<tr>
<th>Name of制造业</th>
<th>Nature of Manufacture</th>
<th>Number of Hands</th>
<th>Wage per Day</th>
<th>Hours per Week</th>
<th>Number of Days</th>
<th>Wages per Week</th>
<th>Number of Pieces of Goods</th>
<th>Name of Employer</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Johnson, William</td>
<td>Wood Carving</td>
<td>3</td>
<td>1.50</td>
<td>10</td>
<td>10</td>
<td>50</td>
<td>2000</td>
<td>Elder, John</td>
<td>None</td>
</tr>
</tbody>
</table>

Certify that I have this day completed the enumeration of the above-named persons, and that the returns have been duly and truly entered in accordance with law. Very truly, Alexander, June 15, 1880.

Examiner: M. R. Nelson.
The following classes of Manufacturing Establishments will be reported on a SPECIAL MANUFACTURING SCHEDULE, and not on this Schedule, viz:

1. Boot and Shoe Factories.
2. Cheese and Butter Factories.
3. Flouring and Grist Mills.
5. Lumber Mills and Saw Mills.
10. Quarries.

SCHEDULE 3.—MANUFACTURES.—Products of Industry in Missouri, in the County of Randolph, State of Missouri, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Post Office: 

<table>
<thead>
<tr>
<th>Name of Corporation, Company, or other manufacturing establishment</th>
<th>Name of Hands, Merchants, or other Proprietors, &amp;c.</th>
<th>Capital and other investments</th>
<th>Amount of Labour of Hands employed</th>
<th>Amount of Other Labour</th>
<th>Wages and Hours of Labour</th>
<th>Hours in Shops</th>
<th>Power used in Manufacture</th>
<th>Natural power or Steam</th>
<th>Number of Hands employed</th>
<th>Natural power or Steam</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. W. Sanders &amp; Brother, She</td>
<td>100</td>
<td>2</td>
<td>6</td>
<td>8</td>
<td>10</td>
<td>12</td>
<td>14</td>
<td>16</td>
<td>18</td>
<td>20</td>
</tr>
</tbody>
</table>

Remarks:

The term "Manufacturing Industry" must be understood, in the largest significance, to include not only all factories and shops where the mechanical trades, such as blacksmithing, coopering, engineering, &c., are carried on, but also all other productive establishments, large and small, within their several districts.

Columns 8 to 10. The total value of the product shall be charged at the value at which it was sold, or at the value of the raw material and the cost of labor and materials employed in its manufacture. In the case of products of the same kind, the value of the raw material and the cost of labor and materials employed in its manufacture shall be divided by the number of items and the value of the product shall be charged at the result.

Column 11. The total value of the product shall be charged at the value at which it was sold, or at the value of the raw material and the cost of labor and materials employed in its manufacture. In the case of products of the same kind, the value of the raw material and the cost of labor and materials employed in its manufacture shall be divided by the number of items and the value of the product shall be charged at the result.
### SCHEDULE 3. — MANUFACTURES.

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

<table>
<thead>
<tr>
<th>Name of Operator</th>
<th>Trade or Business</th>
<th>Average number of hands employed</th>
<th>Wages and Hours of Labor</th>
<th>Month in which manufactured</th>
<th>Horse power in use</th>
<th>Price per unit manufactured</th>
<th>Source of power used in manufacturing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ridgeway, Blacksmith</strong></td>
<td>150</td>
<td>10.2</td>
<td>100</td>
<td>12</td>
<td><strong>300.00</strong></td>
<td><strong>Iron Cook</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Rolly James, Blacksmith</strong></td>
<td>300.2</td>
<td>10.2</td>
<td>100</td>
<td>12</td>
<td><strong>600.00</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** The term "Manufacture," in this report, includes not only the products and works, but also the mechanical trades, such as blacksmithing, coopering, carpentering, &c. The smallest shop shall be recorded, provided the production made therewith is of value.

**Columns:**
- Column A: Name of Operator.
- Column B: Trade or Business.
- Column C: Average number of hands employed.
- Column D: Wages and Hours of Labor.
- Column E: Month in which manufactured.
- Column F: Horse power in use.
- Column G: Price per unit manufactured.
- Column H: Source of power used in manufacturing.

**Instructions:**
- **Column A:** Name of Operator.
- **Column B:** Trade or Business.
- **Column C:** Average number of hands employed.
- **Column D:** Wages and Hours of Labor.
- **Column E:** Month in which manufactured.
- **Column F:** Horse power in use.
- **Column G:** Price per unit manufactured.
- **Column H:** Source of power used in manufacturing.

**Sources:**
- **Note:** The term "Manufacture," in this report, includes not only the products and works, but also the mechanical trades, such as blacksmithing, coopering, carpentering, &c. The smallest shop shall be recorded, provided the production made therewith is of value.
**SCHEDULE 3.—MANUFACTURES.**—Products of Industry in Jackson county, in the County of Randolph, State of Mississippi, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Post Office: 

<table>
<thead>
<tr>
<th>Number of Employees</th>
<th>Capital Stock or Value of Equipment</th>
<th>Average Amount of Material Used</th>
<th>Wages and Hours of Labor</th>
<th>Renting out Property</th>
<th>Power used in Manufactures</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:** The term "Manufactures" must be understood, in its largest significance, to include not only all factories and large works, but also the mechanical trades, as blacksmithing, carriage-repairing, &c. The smallest shop should not be omitted, provided the products made are sold generally, including those of mechanics. Enumeration will also apply to each of the productive establishments, here and emplaced in their several localities.

**Directions:**
- The kind of business or character of product should be described as specifically as possible, thus: Ironing, Machine, Combs, Pencils, Penholders, Machine Shop, Cooperage, Brickmachinery, &c.
- In many establishments (for example, in the brickyard, &c.) it is believed that no ordinary bricks are produced. In these cases it will not be filled.
- Column 15 shall be filled up as accurately as possible, the number of months, &c., of ordinary laborers or apprentices employed. In the case of shops it will not be filled.
- Column 16 refers to the number of men employed in the factory at the time the returns were made, and is not to be employed in determining the average number of employees employed in the factory at the time the returns were made.
- Column 17, the value of products manufactured, includes all the materials used in making the article, but not those used in the case of small shops where bookkeepers are not kept.
- Column 18, the value of the product, in the case of mills and factories producing from one and the same, means the retail price of the goods. In the case of small shops producing goods in large quantities, for the neighborhood only, the value of the product means the price charged at the shop.
- Column 19—If the returns be very small, no columns, etc., being left blank, no returns.
- Column 20—Only necessary in those and elsewhere in the report.
- Columns 21 and 22—This is to lessons of great importance. The best information available should be used in filling these columns.
The following classes of Manufacturing Establishments will be reported on a SPECIAL MANUFACTURING SCHEDULE, and not on this Schedule, viz:
(1.) Brick and Stone Factories.
(2.) Vinegar Fabricators.
(3.) Ironworks.
(4.) Lumber Mills and Saw Mills.
(5.) Flouring and Grocer Mills.
(6.) Brick Yards and Tile Works.
(7.) Paper Mills.
(8.) Coal Mines.
(9.) Agricultural Implement Works.
(10.) Quarries.

SCHEDULE 3.—MANUFACTURES.—Products of Industry in Randolph County, in the County of Randolph, State of Indiana, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Post Office: "Randolph" Enquirer.

J. B. Dameron, Enquirer.

I certify that I have this day completed the enumeration of the district assigned me and that the returns have been duly and faithfully given in accordance with the law given my post of office.

June 25, 1880

J. B. Dameron, Enquirer.

NOTE.—The word "Manufacture" must be understood to be in largest sense, to include not only all factories and large works, but also the mechanical trades, including making, repairing, converting, etc. The smallest shop shall not be omitted, provided the product is worth $100 annually, including the cost of materials. Enumerators will take pains to reach all of the productive establishments, large and small, within their several districts.

COLUMNS I.—To be used in all establishments, no separate shops, blanked off, &c.; it will be seen that an ordinary labourer is employed. In distance column 14 will not be filled.

COLUMNS 14 and 15.—The hours of the year shall be assumed to be in excess of the column 12 to 13, then 10 months at 13 days; or 6 months at 13 days and 4 months on half time; or 10 months at 13 days and 2 months on half time.

COLUMNS 17 and 18.—These columns are of prime importance. Gross cost and judgment should be exercised in computing the entire wages: factory, especially in the case of small shops where book accounts are not kept.

COLUMNS 19 and 20.—These columns are of prime importance. Gross cost and judgment should be exercised in computing the entire wages: factory, especially in the case of small shops where book accounts are not kept.

COLUMNS 21 and 22.—The value of the product, by the case of each factory, producing for a distant market, makes the wholesale price of the product. In the case of small shops producing goods, selling locally, for the neighbourhood only, the value of the product makes the value of the product.

COLUMNS 23 and 24.—This is an inquiry of great importance. The best information available should be used in filling these columns.
**Schedule 3—Manufactures.**—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.

Post Office: __________

<table>
<thead>
<tr>
<th>Name of Manufacturing Company,</th>
<th>Capital Paid and Additional Funds</th>
<th>Description of Product</th>
<th>Wage and Hours of Labor</th>
<th>Month in Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:**—The term "Manufacturing Industry" means manufactures, in the largest sense, to include not only all factories and large works, but also the mechanical trades, such as blacksmithing, carpentering, etc. The smallest shop should not be omitted, provided the products made are valuable, including the use of machinery. Enumeration will take place to each of the productive establishments, large and small, within that territorial division.

**Clauses:**—

- The kind of business or character of product should be described as accurately as possible, e.g., Sewing-Machine, Grin, Finisher, Pattern Maker, Turner, Roper, Woodworking, etc.
- In many establishments in separate shops, machinery is used. As 1 is to be found in ordinary business are ascertained. In this case column 11 will not be filled.
- The following are the wages of the prime importance: Great care and precision should be observed in estimating the value (in dollars) or the value (in pounds) and also the value of the product in the various columns.
- The inquiries of the product in the case of mills and factories producing for a foreign market, enter 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 in the place of manufacture is to be estimated.

**Columns 16 and 17:**—In the returns of the duties, the name of the county and the town in which the establishment is located should be given.

**Columns 18 and 19:**—This is an inquiry of great importance. The best information should always be used in filling these columns.