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.) Lumber 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 the County of Phelps, State of New York, in the County of Phelps, State of New York, 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 Manufacturer</th>
<th>Quantity of Goods Manufactured in the Calendar Year</th>
<th>Average Quality</th>
<th>Price per Unit</th>
<th>Wages and Hours of Labor</th>
<th>Rent or Hire of Fixtures</th>
<th>Fuel Expenses</th>
<th>Total Expenses</th>
<th>Rate of Pay per Hour</th>
<th>Hours per Day</th>
<th>Days per Week</th>
<th>Number of Men</th>
<th>Number of Women</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>4</td>
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<td>5</td>
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</tr>
</tbody>
</table>

**Note:** The term "Manufacturing Industry" must be understood, in its largest signification, to include not only factories and large works, but also the mechanical trades, as blacksmithing, carpentering, ropemaking, &c. The smallest shop shall not be omitted, provided the productive value be $50 annually, including the cost of materials. Enumeration will take place in each of the productive establishments, large and small, within their several districts.

**Column 1:** The kind of business or the character of product should be described as specifically as possible, thus-"Swing-Machines, Corn, Potatoes, Fowling, Biscuit, Shop, Carpory, Backwoods." &c.

**Column 2:** In many establishments (as rope-makers, blacksmiths, &c.) it will be found that no estimate of wages are employed. In the new column 12 will not be filled.

**Column 13 to 17:** All the 12 months of the year should be accounted for in the manufacture of the goods. 12 months on full time; or 6 months on full time and 6 months on half time; or 8 months on full time and 3 months idle.

**Columns 18 and 19:** These columns are for poultry establishments. Gross entry and net should be accounted for, and the returns should be entered separately in the case of small shops where both operations are not included.

**Column 20:** The value of the product, in the case of mills and factories producing for a distance 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 paid for the material. Materials and labor.

**Column 21:** The size of the frame is a very small one, and the metal or other lath which it forms.

**Columns 22 and 23:** The number of men and women engaged must be entered in this column.

**Column 24:** This is an inquiry 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. Boot and Shoe Factories.
2. Cheese and Butter Factories.
3. Flouring and Grist Mills.
7. Coal Mines.
9. Quarries.

**SCHEDULE 3.—MANUFACTURES.**

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

**Post Office:** St. James, Phillips Co., Mo.

**Enumerator:** E.P. Syms

<table>
<thead>
<tr>
<th>Name of Corporation, Company, or Individual</th>
<th>Name of Business, Manufacture, or Product</th>
<th>Capital and Accountants</th>
<th>Average Number of Hands Employed</th>
<th>Wage and Hours of Labor</th>
<th>Value of Wares &amp; Stock</th>
<th>Monthly Value of Products</th>
<th>Power used in Manufacture</th>
<th>Power used in Building</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duncan Bros. &amp; Co. Blacksmiths</td>
<td>Blacksmiths</td>
<td>$200</td>
<td>4</td>
<td>$10</td>
<td>$100</td>
<td>$100</td>
<td>Steam</td>
<td>Horse</td>
<td>Remarks</td>
</tr>
<tr>
<td>Thomas Johnson</td>
<td>Blacksmiths</td>
<td>$200</td>
<td>4</td>
<td>$10</td>
<td>$100</td>
<td>$100</td>
<td>Steam</td>
<td>Horse</td>
<td>Remarks</td>
</tr>
<tr>
<td>Johnson &amp; Smith</td>
<td>Blacksmiths</td>
<td>$200</td>
<td>4</td>
<td>$10</td>
<td>$100</td>
<td>$100</td>
<td>Steam</td>
<td>Horse</td>
<td>Remarks</td>
</tr>
<tr>
<td>Nash &amp; Ellis</td>
<td>Cabinet Makers</td>
<td>$400</td>
<td>4</td>
<td>$10</td>
<td>$100</td>
<td>$100</td>
<td>Steam</td>
<td>Horse</td>
<td>Remarks</td>
</tr>
</tbody>
</table>

**Remarks:**

The term "Manufacturing Industry" must be understood, in its largest sense, as including not only all factories and shops, but also the mechanical trades, as blacksmithing, coopering, carpentering, etc. The sundries should be reported, provided the production exceeds $50 annually, including the cost of materials. Enumerators will take pains to record all of the productive establishments, large and small, within their several districts.

**CAUTIONS**

1. A copy must be made of the schedule, and the enumerators should be instructed in its use.

2. The information required is that of the person employed, and the value of the production, not the value of the capital.

3. The value of the production is to be calculated upon the cost of materials used, and the labor of the employees.

4. The value of the production is to be calculated upon the cost of materials used, and the labor of the employees.

5. The value of the production is to be calculated upon the cost of materials used, and the labor of the employees.

6. The value of the production is to be calculated upon the cost of materials used, and the labor of the employees.

7. The value of the production is to be calculated upon the cost of materials used, and the labor of the employees.
The following classes of Manufacturing Establishments will be reported on a SPECIAL MANUFACTURING SCHEDULE, and not on this Schedule, viz:

1. (a) Boot and Shoe Factories.
2. (b) Chair and Basket Factories.
3. (c) Finishing and Great Mills.
4. (d) Salt Works.
5. (e) Lumber Mills and Saw Mills.
6. (f) Brick Yards and Tile Works.
7. (g) Paper Mills.
8. (h) Coal Mines.
9. (i) Agricultural Implement Works.
10. (j) Quarries.

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.

---

<table>
<thead>
<tr>
<th>Name of Station, Manufacturer, &amp;c.</th>
<th>Number of Hands employed</th>
<th>Days of Work in each week</th>
<th>Hours of Labor</th>
<th>Weekly wages paid</th>
<th>Average quantity of material employed per week</th>
<th>Power used in Manufacturing</th>
<th>Number of Hands employed</th>
<th>Weekly wages paid</th>
<th>Average quantity of material employed per week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mercersius, Smith, Winding Mills</td>
<td>1</td>
<td>12</td>
<td>12</td>
<td>$20.00</td>
<td>12</td>
<td>1</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
</tbody>
</table>

I do certify the above to be correct

Signed

James M. Coffman
Engraver
<table>
<thead>
<tr>
<th>Post Office: Wellness</th>
<th>Enumerators No.</th>
</tr>
</thead>
</table>

**SCHEDULE 3.—MANUFACTURES.**—Products of Industry in [city] Wellness, in the County of [county], State of [state], during the twelve months beginning June 1, 1880, and ending May 31, 1881, as enumerated by me, [name].

<table>
<thead>
<tr>
<th>Post Office: Wellness</th>
<th>Enumerators No.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Name of Business</th>
<th>Name of Manufacturer</th>
<th>Average worth of land occupied</th>
<th>Annual value of total sales and purchases</th>
<th>Vases and Stamps of Labor</th>
<th>Hours in Occupation</th>
<th>Power used in Manufacturing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Remarks:**

- The term "Products of Industry" must be understood to include not only of factories and large works, but also the mechanical trades, or worksheds, coopers, carpenters, &c. The smallest shop should not be included, provided the person at the shop is occupied by business and has an average value of $100 or more.

**Columns 1 and 2:**—In many establishments (as cooper shops, blacksmith shops, &c.) it will be found that in ordinary business there are employed in any one or more of the columns 11 or 12, more or less than one half time, or 4 months on full time and 8 months on half time, or 8 months on full time and 4 months on half time, or 10 months of the year employed in any one or more of the above-mentioned trades.

**Columns 13 and 14:**—These remarks are of prime importance. Great care and judgment should be bestowed in making the returns relative thereto, particularly in the case of small shops where bookkeepers are not kept.

**Columns 15 and 16:**—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 is the retail price of the goods, and should be stated accordingly.

**Columns 17 to 19:**—The last column is a very small one, and it is not to be considered as large as it is.

**Columns 20 and 21:**—Any premature trades and engines are to be reported.

**Columns 22 and 23:**—There is no inquiry here. The best information possible should be used in filling these columns.
SCHEDULE 3.—Manufactures.—Products of Industry in **Rolla Township**, in the County of **Phelps**, State of **Missouri**, during the twelve months beginning June 1, 1879, and ending May 31, 1880, as enumerated by me.

Post office: **Rolla**. Phelps C'mo

<table>
<thead>
<tr>
<th>Name of Company or Factory</th>
<th>Description of Establishment</th>
<th>Capital (in thousands of dollars)</th>
<th>Wage and Salaries of Laborers</th>
<th>Number of Hands employed</th>
<th>Total Number of Days Worked</th>
<th>Value of Goods Produced and Marketed</th>
<th>Power Used in Establishments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frasier Bros. <strong>Pyrofac Factory</strong></td>
<td>$600, 4 by 4</td>
<td>$10,000</td>
<td>250</td>
<td>6</td>
<td>600</td>
<td>200</td>
<td>✔</td>
</tr>
</tbody>
</table>

---

**Notes:**
- The term "Manufacture" is to be understood to include not only factories and large works, but also the mechanical trade, as blacksmithing, carpentering, etc. The smallest shop should not be omitted. Provided the production exceeds $50 annually, including the cost of materials. Enumerators will take pains to reach all of the productive establishments, large and small, within their several territories.

| Column 9—The kind of business in the claim of the product should be described as accurately as possible, thus: Baking, Match, Farm, Forges, Foundry, Machine Shop, Carpentering, Blacksmithing, etc.
| Column 10—If many establishments (as copper works, tanneries, etc.) it will be found that the ordinary laborers are employed. This may be noted in this column.
| Column 11—The value of the goods produced shall be entered as nearly as possible.
| Column 12—The costs of repairs, taxes, lights, etc., shall be included as nearly as possible.
| Column 13—The value of the goods produced, at the factory prices, shall be entered as nearly as possible.
| Column 14—The value of the goods produced, at the factory prices, shall be entered as nearly as possible.
| Column 15—The value of the goods produced, at the factory prices, shall be entered as nearly as possible.

---

**Disclaimer:**

The data presented here is a summary of the enrollment process for manufacturing establishments in Rolla Township, Phelps County, Missouri, for the twelve months ending May 31, 1880. The data includes the name of the company or factory, description of the establishment, capital invested, wage and salaries of laborers, number of hands employed, total number of days worked, value of goods produced and marketed, and power used in the establishments.
<table>
<thead>
<tr>
<th>Name of Employer</th>
<th>Total Value of Products Manufactured</th>
<th>Value of Products Manufactured in 1870</th>
<th>Value of Products Manufactured in 1871</th>
<th>Value of Products Manufactured in 1872</th>
<th>Value of Products Manufactured in 1873</th>
<th>Value of Products Manufactured in 1874</th>
<th>Value of Products Manufactured in 1875</th>
<th>Value of Products Manufactured in 1876</th>
<th>Value of Products Manufactured in 1877</th>
<th>Value of Products Manufactured in 1878</th>
<th>Value of Products Manufactured in 1879</th>
<th>Value of Products Manufactured in 1880</th>
</tr>
</thead>
<tbody>
<tr>
<td>John W. Blacksmithing</td>
<td>350 4 0</td>
<td>10 9 20 0 75 12</td>
<td>351 670</td>
<td>352 771</td>
<td>353 872</td>
<td>354 973</td>
<td>355 1074</td>
<td>356 1175</td>
<td>357 1276</td>
<td>358 1377</td>
<td>359 1478</td>
<td>360 1579</td>
</tr>
<tr>
<td>John W. Blacksmithing</td>
<td>400 4 1</td>
<td>10 9 2 1 75 10</td>
<td>230 971</td>
<td>231 872</td>
<td>232 773</td>
<td>233 674</td>
<td>234 575</td>
<td>235 476</td>
<td>236 377</td>
<td>237 278</td>
<td>238 179</td>
<td>239 080</td>
</tr>
<tr>
<td>John W. Blacksmithing</td>
<td>500 5 0</td>
<td>10 9 12 2 75 15</td>
<td>189 870</td>
<td>188 771</td>
<td>187 672</td>
<td>186 573</td>
<td>185 474</td>
<td>184 375</td>
<td>183 276</td>
<td>182 177</td>
<td>181 078</td>
<td>180 079</td>
</tr>
<tr>
<td>John W. Blacksmithing</td>
<td>600 6 0</td>
<td>10 9 12 2 75 15</td>
<td>185 870</td>
<td>184 771</td>
<td>183 672</td>
<td>182 573</td>
<td>181 474</td>
<td>180 375</td>
<td>179 276</td>
<td>178 177</td>
<td>177 078</td>
<td>176 079</td>
</tr>
<tr>
<td>John W. Blacksmithing</td>
<td>700 7 0</td>
<td>10 9 12 2 75 15</td>
<td>182 870</td>
<td>181 771</td>
<td>180 672</td>
<td>179 573</td>
<td>178 474</td>
<td>177 375</td>
<td>176 276</td>
<td>175 177</td>
<td>174 078</td>
<td>173 079</td>
</tr>
</tbody>
</table>

The following classes of Manufacturing Establishments will be reported on a SPECIAL MANUFACTURING SCHEDULE, and not on this Schedule, viz:—

1. Book and Shoe Factories.
2. Cotton and Rug Factories.
3. Flouring and Grist Mills.
5. Lumber Mills and Saw Mills.
10. Quarries.

![Schedule 3: Manufactures](https://example.com/schedule3)