## Maine State Legislature

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## Public Documents of Maine:

## BEING THE

## ANNUAL REPORTS

## OF THE VARIOUS

# Public Officers:Institutions 

FOR THE YEAR

## 1892.

## VOLUME I.

AUGUSTA :
BURLEIGH \& FLYNT, PRINTERS TO THE STATE. 1892.

# FIFTH ANNUAL REPORT <br> OF THE <br> BUREAU OFINDUSTRIAL <br> AND <br> <br> LABOR STATISTICS 

 <br> <br> LABOR STATISTICS}

For the State of Maine.

## 1891.

AUGUSTA:
burleigh \& flynt, printers to the state.
1892.

## STATE OF MAINE.

## $\left.\begin{array}{c}\text { OfFICE of COMmiSSIONER } \\ \text { of Industrial and Labor Statistics, } \\ \text { Augusta, December 31, 1891. }\end{array}\right\}$

To His Excellency, Edwin C. Burleigh, Governor of Maine:
SIR: I have the honor to present the report of the Bureau of Industrial and Labor Statistics for 1891.

Very respectfully,
SAMUEL W. MATTHEWS,
Commissioner.

## INTRODUCTION.

The work of the Bureau during the past year has been mainly directed to an investigation of the earnings and expenses, lost time, . savings, etc., of mechanics and male and female operatives in mills and factories. Heretofore the distribution of blanks has been necessarily largely done through the mails, and the results of this branch of statistical investigation have not proved so full and satisfactory as was to be desired. The small increase of the appropriations for the expenses of the Bureau granted by the last legislature, has enabled the Commissioner to employ, during a considerable part of the year, faithful and competent special agents, who have visited a large number of the mills, shops and factories in the principal manufacturing towns in the State, and secured directly from the workmen the facts desired. Not only a much larger number of reports have thus been obtained for the use of the Bureau, but, through the explanation of the questions asked in the blanks, the replies have been more fully and correctly given. Another important point has been gained through the personal visitations of agents; the making known to working-men the purposes of the Bureau, and the ends sought to be obtained by its means. Much progress has been made in this direction, and it is gratifying to know that the appreciation and cordial co-operation of the working-men of the State have been so largely secured as allies in the work of the Bureau. Other interesting and valuable features in the present Report are, "Maine's Ice Industry," and "The Shoe Industry in Auburn and Freeport," the facts and statistics of which have been collected by gentlemen having a practical knowledge of those branches of Maine industries. The statistics furnished by the assessors of towns, showing the number and kinds of factories, mills and shops for manufacturing purposes, completed or in process of erection during 1891, with estimated cost of same and probable number of hands they will employ, afford gratifying evidence of the
fact that enterprise and capital are coming to appreciate Maine's opportunities and resources. The Commissioner desires to express his appreciation of the services of those who have been in the employ of the Bureau during the year. Maj. C. J. House, the able and industrious clerk, whose long experience in other departments of clerical work peculiarly fitted him for the onerous duties of his position, R. F. Chalk, Geo. E. Hathaway, Mellen Plummer and Abner Nichols, special agents during a portion of the year, have rendered faithful and valuable services. The Commissioner desires to express his thanks to the many working-men prominently identified with the various labor organizations, who have, "without money and without price," rendered him material aid and encouragement. The relations between employers and employed, during the year, have generally been marked with good feeling. There have been but few "labor troubles," and those that have occurred have not been of a serious nature. Much of this happy condition of affairs is to be credited to the influence of labor organizations. These organizations are rapidly increasing in numbers and advancing in character. In his recent report the Commissioner of the New York Bureau of Statistics of Labor says: "The changes which have been wrought in the minds and methods of organized labor during the past five yaars have been significant, to say the least. As a general rule, the radical and impractical agitator and leader has been relegated to the rear, and in his stead have risen men possessed of intelligence, moderation and honesty, whose sole aim seems to be to so direct the action of the rank and file as to achieve substantial benefits at the least possible cost of wages or personal sacrifice.

*     *         * The acts of violence which were a certain accompanying feature of the strike five years ago, have steadily decreased, till at the present time the instances are extremely rare where such acts are found recorded. Of course, like all general rules, this one has its exceptions, but the significant fact remains, that, through the wise counsel of leadership, the day has passed when this mode of warfare is to prevail, and it is the most encouraging sign to indicate the fact that reason, honor, integrity and a realizing sense of the responsibility of American citizenship, are the controlling motives actuating those who lead organized labor." These remarks of the New York Commissioner will apply with full force to labor organizations in Maine, the members of which are excelled by none in character, integrity and intelligence. While the purpose of these
organizations is the just and laudable one to improve the financial and social conditions of the working classes, the methods by which this is sought to be accomplished are such as commend them to the approval and encouragement of all right thinking and right feeling American citizens.


## Individual Reports of Working-men.

## General Summary and Remarks.

The canvass of working-men has been a personal one, and facts and statistics relating to many classes and conditions of workingmen have been obtained. The efforts of the Bareau have been so directed as that such facts and statistics as would be fairly representative of the trades and occupations canvassed, might be obtained. It is a well known fact that the reports obtained from working-men through the medium of the mails, are, generally, those of the best and highest paid, while the unskilled and luwer paid workmen are not represented or are misrepresented.

The reports tabulated show that a personal canvass is not so liable to this criticism, and that the results, both in the number and representative character of the reports obtained, are much more satisfactory. The following is a general summary of some of the more important statistics derived from the reports of workingmen: Whole number of reports, 1082 ; number American born, 895 ; number foreign born, 187 ; number owning homes, 285 ; value of homes, $\$ 405,850$; number homes mortgaged, 60 ; amount of mortgages, $\$ 26,169$; number renting, 481 ; number having savings bank accounts, 181 ; number who have accumulated savings in former years, 696 ; during past year, 595 ; run in debt during past year, 104; neither gained nor lost during past year, 383 . In tabulating the reports, "men with families," "men without families," "women with families" and "women without families," are arranged under distinct heads. Of "men with families," there are 745 ; average number per family, 3.81 ; number of persons in families, 2,841 ; number assisted by members of families, 153 ; number owning homes, 273 ; number having savings bank accounts, 120 ; number accumulating savings in former years, 524 ; accumulating savings during past year, 397 ; running in debt during past year, 98 ; neither gained nor lost during past
year, 250 ; average age of men with families, 39 ; average daily wages, $\$ 1.95$; average annual earnings from regular trade, $\$ 460.41$; average annual earnings from other personal service, $\$ 17.20$; average annual earnings of other members of family, $\$ 49.40$; average annual income per family, $\$ 527.01$; average annual income per individual, $\$ 138.20$; average annual expenditures per family ; for rent, $\$ 85.98$; food, $\$ 197.50$; clothing, $\$ 82.55$; fuel and lights, $\$ 42.69$; society dues, $\$ 3.67$; life insurance, $\$ 6.06$; other things, $\$ 77.41$; total per family, $\$ 463.43$. Average annual expenditure per individual in families : rent, $\$ 22.59$; food, $\$ 51.44$; clothing, $\$ 21.65$; fuel and lights, $\$ 11.12$; society dues, .96 ; life insurance, $\$ 1.59$; other things, $\$ 20.30$; total per individual, $\$ 121.53$. Average net surplus per family, $\$ 63.58$; average net surplus per individual, $\$ 16.67$; average number of days lost time: from sickness, 6 ; inability to obtain work, 37 ; other causes, 14 ; total, 57 . Average number of days work at regular. trade, 236 ; at other personal service, 12 ; wages per day at regular trade, 1.95 ; at other personal service $\$ 1.43$.

The following are some of the statistics relating to "men and women without families." Number of reports from men, 265, from women, 53 ; American born, men, 209, women, 52 ; foreign born, men, 56 , women, 1 ; average age of men, 28 years, of women, 26 ; daily wages, men, $\$ 1.71$, women, .95 ; average annual earnings of men from regular trade, $\$ 375.06$, of women, $\$ 259.64$; of men from other personal service, $\$ 19.95$; total income, of men, $\$ 395.01$, of women, $\$ 259.64$; expenditures of men, for board, $\$ 179.67$, of women, $\$ 118.55$; of men, for clothing, $\$ 555.17$, of women, $\$ 57.81$; of men, for society dues, $\$ 1.97$, of women, $\$ 1.00$; of men, for life insurance, $\$ 1.60$, of women, $\$ 1.60$; of men, for other things, $\$ 88.21$, of women, $\$ 59.94$; total expenditures, of men, $\$ 326.62$, of women, $\$ 235.90$; net surplus, men, $\$ 68.39$, women, $\$ 23.74$; number of men having savings bank accounts, 47 , of women, 12 ; number of men who have accumulated savings in former years, 136, of women, 23 ; during past year, men, 159 , women, 25 ; running in debt during past year, men, 5 , women, 1 ; showing neither gain nor loss, men, 101, women, 27 ; lost time, of men, from sickness, 4 days, from inability to obtain work, 46 , from other causes, 17 , total, 67 days; of women, from sickness, 3 days, from inability to obtain work, 11 , from other causes, 16 , total, 30 days ; cost of board, per week, men, $\$ 3.45$, women, $\$ 2.28$.

The daily cost of living per individual, in families, is found to be 33 cents, rent, food, fuel and lights costing 23 cents, while the cost, per individual, for single men and women for board, which represents the above-named items, is, men, 49 cents, women, 33 cents. Men with families save 12 per cent of their income, single men 17 per cent and single women 9 per cent. Of the men with families, 397 show savings amounting to $\$ 52,223$ or $\$ 131.54$ each. Of those without families who have made savings, 159 show savings amounting to $\$ 18,274$ or $\$ 114.93$ each.

By reference to the tables, it will be seen that the reports are arranged by trades and occupations, and that skilled and unskilled workmen are tabulated separately. The arrangement of the "Recapitulation" table is such that the statistics of the different occupations and classes of working-men are readily seen, and comparisons of wages, expenses, lost time, savings, \&c., can be made without difficulty. Some of the more important statistics are as follows: Skilled carpenters, with families, have averaged $\$ 2.21$ per day, carpenters without families, $\$ 2.08$, 'rough" or unskilled carpenters, with families, $\$ 1.65$, without families, $\$ 1.70$. The average earnings of these several classes of carpenters, at regular trade, have been, $\$ 507.64, \$ 484.87, \$ 355.31$ and $\$ 44950$; lost time, severally, 76,67 , 88 and 57 days. The total annual income of skilled carpenters with families, has been $\$ 537.90$, and of unskilled, $\$ 528.47$. The corresponding classes of other working-men, are masons and mason tenders, daily wages, $\$ 276, \$ 2.29, \$ 1.60$, and $\$ 1.75$; annual incomes, at regular trade, $\$ 539.82, \$ 432.86, \$ 345.93$ and $\$ 367.40$; total income of masons with families, $\$ 577.39$, skilled, and $\$ 565.27$, unskilled workmen.

Painters, skilled, with families, daily wages, $\$ 2.15$, without families, $\$ 2.16$, unskilled, with families, $\$ 1.72$, without families, $\$ 1.56$; annual earnings, $\$ 456.20, \$ 458.87, \$ 361.27$ and $\$ 309.80$; total incomes of skilled, with families, $\$ 487.80$, unskilled, $\$ 452.18$; lost time, severally, $90,95,95$ and 103 days.

Blacksmiths, with families, daily wages, $\$ 2.09$, without families, $\$ 1.70$; annual earnings, severally, $\$ 569.36$ and $\$ 480.60$; lost time, 32 and 22 days

Machinists, those reporting, all with families, daily wages, $\$ 2.06$, average earnings from regular trade, $\$ 576.65$, total income, $\$ 615.21$, lost time, 29 days.

Common laborers, with families, daily wages, $\$ 1.52$, without, $\$ 1.54$, average annual earnings, $\$ 314.05$ and $\$ 283.00$; total income of men with families, $\$ 484.56$.

Teamsters, with families, daily wages, $\$ 1.56$, without, $\$ 1.47$; average annual earnings of men with families, $\$ 128.35$ and total income, $\$ 460.23$, and average annual earnings of men without families, $\$ 403.67$; lost time of men with families, 30 days, without, 32 days.

Barbers, with families, daily wages, $\$ 1.81$, average total annual income, $\$ 53111$, and lost time 14 days; without families, daily wages, $\$ 1.60$, annual income $\$ 424.00$ and lost time, 39 days.

Hostlers, work from 13 to 15 hours every day in week; daily wages, $\$ 1.20$, annual earnings, $\$ 403.57$, lost time, 17 days.

Stevedores, work irregular hours, average daily earnings, $\$ 3.33$, annual earnings, $\$ 507.00$, total annual income, $\$ 558.67$, lost time, 128 days.

Brickmakers, with families, daily wages, $\$ 1.69$, annual income, $\$ 365.50$, lost time, 52 days; without families, daily wages, $\$ 1.71$, annual income, $\$ 315.00$, lost time, 88 days.

Harness makers, with families, daily wages, $\$ 1.82$, average annual earnings, $\$ 490.30$, total income, $\$ 547.60$, lost time, 44 days; without families, daily wages, $\$ 1.47$, annual earnings, $\$ 359.80$, and lost time, 61 days.

Railroad men, with families, average daily wages, $\$ 1.90$, average annual earnings, $\$ 532.06$, total income, $\$ 585.50$, lost time, 28 days; without families, daily wages, $\$ 1.43$, annual earnings, $\$ 37991$, and lost time, 36 days. Ship-builders, with families, daily wages, $\$ 2.59$, annual earnings, $\$ 574.53$, total income, $\$ 585.05$; lost time, 77 days; without families, daily wages, $\$ 2.34$, annual earnings, $\$ 441.63$, and lost time, 111 days.

Ice men, with families, $\$ 1.78$, daily wages; annual earnings at regular trade, $\$ 362.050$, total income, $\$ 387.10$, lost time, 92 days; without iamilies, daily wages, $\$ 1.67$, annual earnings, $\$ 315.06$, lost time, 113 days.

Saw mill hands, with families, day wages, $\$ 1.80$, average annual earnings, $\$ 418.89$, total income, $\$ 450.14$, lost time, 68 days; without families, day wages, $\$ 1.77$, annual earnings, $\$ 359.76$, lost time, 94 days.

Cotton factory hands; men with families, day wages, $\$ 1.56$; annual earnings, $\$ 447.37$; total annual income, $\$ 524.18$; lost time,

21 days; men without families, day wages, $\$ 1.35$; annual earnings, $\$ 381.77$; lost time, 22 days; women with families, average earnings per day, $\$ 1.13$; per year, $\$ 317.25$; total annual income, $\$ 473.50$; lost time, 23 days; women without families, per day, 87 ; per year, $\$ 246.86$; lost time, 25 days.

Woolen mill hands; men with families, day wages, $\$ 1.59$; annual earnings, $\$ 472.36$; total income, $\$ 531.45$; lost time, 7 days; men without families, day wages, $\$ 1.52$; annual earnings, $\$ 450$; lost time, 8 days; women without families, day wages, $\$ 1.05$; annual earnings, $\$ 286.25$; lost time, 34 days.

Shoe factory hands ; men with families, earnings per day, $\$ 2.00$; per year, $\$ 527.23$; total income, $\$ 558.09$; lost time, 40 days; men without families, earnings per day, $\$ 1.87$, per year, $\$ 460.26$; lost time, 52 days; women with families, earnings per day, $\$ 1.05$; per year, $\$ 276.67$; lost time, 41 days; women without families, earnings per day, $\$ 1.01$; per year, $\$ 266.11$; lost time, 40 days.

Paper makers, men with families, earnings per day, $\$ 1.90$, per year, $\$ 576.97$, total income, $\$ 612.558$, lost time, 9 days; men without families, earnings per day, $\$ 1.60$, per year, $\$ 474.71$, lost time, 13 days; women with families, per day, 81 , per year, $\$ 194.67$, lost time, 63 days, women without families, per day, 84 , per year, $\$ 246.88$, lost time, 11 days. Many operatives in paper mills work extra time.

Of the "foreign born," a large part are Canadians, whose families contribute a larger proportion of the "earnings of other members of the family" than do the families of American born.

A much larger proportion of "unskilled" than "skilled" work men are assisted by their families, which accounts for the comparatively large annual incomes of that class of working-men.

## Tables of Working-men's Returns.

SKILLED CARPENTERS

|  |  | Where born, | Present residence. |  | Earnings. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | - |
|  | 133 |  | Maine | Auburn | 9225 | \$500 | - |  | \$500 |
|  |  | Maine | Auburn | 92.25 | 526 | - | - | 526 |
|  |  | Maine | Auburn | 9 2. 25. | - 28 | \$122 | \$120 | 670 |
|  | 436 | Maine | Auburn | 92.25 | 400 | 15 | 75 | 490 |
|  | 53 | Maine | Augusta. | 103.00 | 825 | - | - | 825 |
|  | 636 | Maine | Augusta. | 102.25 | 550 | - | - | 550 |
|  | 735 | Maine | Augusta. | 10 2.:0 | 350 | - | - | 350 |
|  | 840 | Maine | A ugusta. | 102.00 | 400 | 60 | - | 460 |
|  | 930 | Maine | Augusta. | 102.00 | 400 | 100 | - | 500 |
|  | 129 | Maine | Augusta. | 102.00 | 250 | 75 | - | 325 |
|  | 146 | Maine | Augusta. | 102.00 | 400 | - | - | 400 |
|  | 249 | Maine | Augusta. | 102.00 | 342 | - | - | 342 |
|  |  | Maine | Auburn | 92.00 | 370 | - | - | 370 |
|  | 443 | Maine | Bangor. | 102.75 | 572 | - | - | 572 |
|  |  | Maine | Bangor | 102.25 | 542 | - | - | 542 |
|  | 646 | Maine | Bangor. | 102.25 | 432 | - | - | 432 |
|  | 743 | Maine | Bangor. | 102.25 | 412 |  | - | 421 |
|  | 845 | Maine | Bangor. | 102.00 | 384 | 120 | - | 504 |
|  | 948 | Canada | Bangor. | 102.00 | 468 | - | - | 468 |
|  | 40 | Maine | Winterport | 102.00 | 480 |  | - | 480 |
|  | 146 | Maine | Bangor. | 102.00 | 448 | - | 540 | 988 |
|  | 30 | Maine | Bangor | 102.00 | 480 | 63 | - | 543 |
|  | 34 | Maine | Bath | 102.75 | 750 | - | - | 750 |
|  | 436 | Maine | Bath | 102.75 | 650 | - | - | 650 |
|  | 40 | Maine | Bath | 102.50 | 510 | - |  | 510 |
|  | 638 | Maine | Bath | 102.50 | 570 | - | - | 570 |
|  | 74 5 | Maine | Bath | 102.50 | 535 | - | - | 535 |
|  | 52 | Maine | Belfast | 102.50 | 675 | - | - | 675 |
|  | 33 | Maine | Belfast | 102.25 | 500 | - |  | 500 |
|  | 039 | Maine | Belfast | 102.00 | 500 | - | - | 500 |
|  | 142 | Maine | Belfast | 102.00 | +15 |  | 130 | 545 |
|  | 245 | Maine | Biddeford | 102.50 | 570 | $\cdots$ | - | 570 |
| 33 | 27 | Maine | Biddeford | 102.25 | 450 | - | - | 450 |
|  | 4 1 | Maine | Brewer. | 102.00 | 440 | - | - | 440 |
|  |  | Maine | Bucksport | 102.25 | 540 | 1 |  | 540 |
|  | $636$ | Maine | Bucksport . | $102.00$ | 300 | 140 | 200 | 640 |
|  |  | Maine | Farmingdale. | 102.00 | 492 | - | - | 492 |
|  | 846 | New York | Farmingdale. | 102.00 | 504 | - | - | 504 |
| 39 | 98 | Maine | Gardiner .... | 102.75 | 528 | - | 67 | 595 |
| 40 | $0: 9$ | Maine | Gardiner | 102.50 | 780 | - | - | 780 |
|  | 135 | Maine | Gardiner | 102.50 | 686 | - | - | 686 |
|  | 262 | Maine | Gardiner | 102.25 | 432 | - | - | 432 |
|  | 338 | Maine | Gardiner | 102.25 | 432 | - | - | 432 |
|  | 439 | Maine | Gardiner | 102.25 | 432 | - | - | 432 |
|  | 532 | Maine | Gardiner | 102.17 | 572 | - | - | 572 |
|  | 641 | Maine | Gardiner | 102.00 | 330 | - | - | 330 |
|  | 771 | Maine | Gardiner | $102.00$ | 470 | - | - | 470 |
|  | 841 | Maine | Gardiner | $102.00$ | 600 | - | - | 600 |
|  | 938 | Maine | Gardiner | 102.00 | 568 | - | - | 568 |
|  | 13 | Canada | Gardiner | 102.00 | 525 | - |  | 525 |
|  | $1 / 64$ | Maine . | Gardiner | 102.00 | 562 | - | 182 | 744 |

## WITH FAMILIES.



SKILLED CARPENTERS

|  | No. of return. |
| :---: | :---: |
|  | From sickness. |
|  | Inability to <br> obtain work. |
|  | Other causes. |
|  | Total. |
|  | 0wning homes. |
|  | Value of homes. |
|  | Amount of mortgage. |
|    <br> 1 1 1 | Rate of interest on mortgage. |
|  | Number in family. |
|  | Number working for wages |
|  | Wages increasedper cent. |
|  | Wages decreasedper cent |

## WITH FAMILIES—Continued．

| How often paid？ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | No． | No， | Yes | Yes | Yes． | No．．． | Yes．． | Yes． | No． |
| Irregularly | Yes | ＇ | ＂ | No． | No． | ، 6 | 6 | No． | ، |
| Weekly．．． | No． | ＇، | ＇6 | Yes．．．． | Yes．．．． | 86 | ＇، | Yes． | ، 6 |
| Weekly | ＂ | 6 | ＂ | ＂ | 6． | ＂، | No．．． | No． | 6 6 |
| Irregularly | Yes | 6 | ＇6 | ＇6 | ، | Yes．． | Yes．． | Yes． | 66 |
| Irregularly | － | ${ }^{6}$ | No．．．．． | No．．．．． | No．．．． | No． | No．．． | No． | 6 |
| Irregularly | 6 | 6 | 6 | ، | ＂ | ، | Yes．． | Yes． | ＇6 |
| Irregularly | 6، | ＇6 | Yes | Yes ．．． | Yes．．．． | Yes | ، | 16 | 6 |
| Irregularly | 6 | 6 | ، | ＇6 | ＂ | 6 | 16 | ＇＂ | ، 6 |
| Irregularly | ، | ＇6 | No． | No．． | No．．．．． | No． | 6 | No．． | 6 |
| Irregularly | No． | ＂ | Yes． | Yes | Yes | Yes． | ${ }^{6}$ | ${ }_{6}$ | ＇6 |
| Weekly ．． | 6 | ، 6 | No． | No． | No． | No． | No． | ＂ | Yes． |
| Weekly | 6 | ، | Yes | Yes | Yes．．．． | ＂ | Yes．． | Yes．． | No． |
| Weokly | 6 | ${ }^{6}$ | ، | No． | Vo．．．． | ، | ＂ | No．．． | ＊ |
| Weekly | ، 6 | 6 | ＇6 | x es． | Yes．．．． | 6 | 6 | ＂ | 6 6 |
| Weekly | 6 | ، | No． | ＂ | ＊ | 6 | 6، | Yes．． | 6 |
| Weekly | 6 | ＇6 | Yes．．．． | No． | No．．．．． | ، | ＇6 | No．．． | 6 |
| Weekly | 6 | ، 6 | No． | ، | ، | 6 | 6 | Yes．． | ＇6 |
| Weakly | 6 | 6 | 6 | 6 | ＂ | 6 | 6 | ، | 6 |
| Weokly | － 6 | ، | 6 | 6 | 6 | ، 6 | ＇6 | 6 6 | 6 |
| Weekly | ／ | ، | ، | ＂＇ | ＂ | 6 | ، | 6 | ＊ |
| Weekly | ＇، | ${ }^{6}$ | ، | Yes．．．． | Yes．．．． | 6 | ＇6 | No．． | 6 |
| Weekly | ، | ، | ＇ | ${ }^{\prime}$ | ＂ | ＇6 | 6 6 | Yes．． | ، 6 |
| Weekly | ، | ، | Yes | No ．．．． | No．．．．． | ، | 6 6 | ＊ | ، |
| Weekly ． | ، | ، | No． | ＇6 | ＇، | ＂ | ＇6 | ، 6 | ． 6 |
| Weekly ． | 6 6 | 6 | ${ }^{6}$ | Yes | Yes | ، | ، | ＇6 | ＊ |
| Weekly | ＇6 | ${ }^{6}$ | ، | No． | No． | ＂ | ＂ | 16 | ＇s |
| Irregularly | ＇6 | ${ }^{\prime \prime}$ | 6 | － | ، | ، | ، 6 | 16 |  |
| Irregularly ． | Yes．． | 6 | ＂ | ＇＂ | ＇6 | ، 6 | 6 | 6 6 | 6 |
| Irregularly ． | No． | 6 | ＇6 | Yes． | Yes．．．． | ، | ، 6 | ${ }^{1}$ | ＊ |
| Irregularly ． | l＇es | ، | 6 | No．．．．． | No．．．． | ＂ | ＂ | No．．． | 6 |
| Weekly | No． | ، | ＇6 | ＂ | ＂ | 6 | － 6 | Yes．． |  |
| Fortnightly | Yes | ＇ | ، | Yes | Yes | 6 | ، 6 | ＊ 6 | 6 6 |
| Week！y ．．．． | No． | ${ }^{6}$ | ، 6 | No． | No． | ، | ، | 6 6 | ＊ |
| Weekly | ， | 6 | ، 6 | Yes | Yes | ＊ | ، | 6 6 | ، |
| Weekly ．．．． | ، 6 | ، 6 | ＊ | No．．．．． | No． | ＊ | ＂ | ، | ， |
| Weekly ．．．． | ＂ | \％ | ＇ | Yes．．．． | ＂ | 16 | ＂ | ， |  |
| Fortnightly ． | ＂ | ＇6 | ＂ 6 | 6 | 66 | ${ }^{6}$ | 16 | ＂ | ＊ |
| Weekly ．．．． | 6 | ＂ | 16 | No | 6 | Yes | 6 | 6 | 16 |
| Weekly | 66 | ${ }^{6}$ | ＇6 | No．$\quad .$. | ＇6، | Yes．． | 16 | 16 | 16 |
| Weekly | 6 | 6 | 6 | Yes．．．． | Yes．．．． | ${ }^{\prime}$ | ＂ | ${ }^{6}$ | 6 |
| Weekly ．．．． | 6 | ${ }_{6} 6$ | \％ 6 | No．．．．． | No．．．． | No．．． | 6 | No．． | 6 |
| Weekly ．．．． | ＊ | 6 | 6 | Yes．．．． | 6 | ＂ | 66 | Yes | ، 6 |
| Weekly ．．．． | ${ }_{6} 6$ | 6 | 6 |  | \％ 6 | Y＇${ }^{\text {\％}}$ | ${ }_{6}^{6}$ |  | ، 6 |
| Weekly ．．． | 66 | 6 | ＂ 6 |  |  | Yes．． | 6 | Yes．． | ، |
| Weekly ．．． | ${ }^{6}$ | 6 | \％ 6 | Yes ．．． | Yes . . . . | No．．． | 6 | \％ | ، 6 |
| Weekly ．．．． | ＊ | ${ }^{6}$ | 6 | No．．．．． | No．．．．． | ＂＇ | ＂ 6 | ${ }_{6} 6$ | 6 |
| Monthly ．．．． | 6 | ＊ | 6 6 |  | ＂ | Yes．． | N0． | No | ، |
| Weekly ．．．． | ${ }_{6}$ | ＊ | 6 | 6 | ＂ | No．．． | No．．． | No．． |  |
| Weekly ．．．． | 6 | 6 | \％ | 6 | 6 | ${ }_{6} 6$ |  | ＇＂ | ＂6 |
| Weekly．．．．． | ＊ | ＊ | 6 |  |  |  | Yes | Yes．． |  |

SKILLED CARPENTERS

|  |  | Where born. | Present residence. |  |  | Earnings. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\left\|\begin{array}{c} \dot{5} \\ \dot{50} \\ a \end{array}\right\|$ |  |  |  |  |  |  |  | \# |
|  | 276 | New Hampshire | Gardiner | 10 | 2.06 | \$494 | \$24 |  | \$518 |
|  | 337 | Maine . ........ | Lewiston |  | 2.50 | 612 | - | \$150 | 762 |
|  | 448 | Canada | Lewiston |  | 2.00 | 404 | - | 340 | 744 |
|  |  | Maine | Lewiston |  | 2.00 | 416 | - | - | 416 |
|  | 652 | Maine | Portland. |  | 2.50 | 661 | - | - | 661 |
|  | 746 | Maine | Randolph |  | 2.50 | 483 | - | 100 | 583 |
|  | 8.46 | Maine | Randolph |  | 2.50 | 682 | - | - | 682 |
|  | 961 | Maine | Randolph |  | 2.25 | 410 | - | - | 410 |
|  | $04^{48}$ | Canada | Randolph |  | 2.00 | 612 | - | - | 612 |
|  | 140 | Maine | Randolph |  | 2.25 | 460 | - | - | 460 |
|  | 226 | Maine | Randolph |  | 2.00 | 528 | - | - | 528 |
|  | 350 | Maine . | Richmond |  | 2.25 | 490 | - | - | 490 |
|  | 652 | Maine | Richmond |  | 2.25 | 410 | - | - | 410 |
|  | 6544 | Maine | Richmond |  | 2.25 | 486 | - | - | 486 |
|  | 650 | Maine | Waterville |  | 2.00 | 410 | - | - | 410 |
|  | 740 | South Carolina | Watervilla |  | 2.00 | 462 | - | 225 | 687 |
|  | 8849 | New York .... | Waterville |  | 2.00 | 460 | - | - | 460 |
|  | 6943 | Maine . . . | Waterville |  | 2.00 | 390 | - | - | 390 |
|  | 039 | Maine | Auburn |  | 2.00 | 500 | - | 50 | 550 |
|  | 147 | Maine | Saco |  | 2.50 | 550 | - | - | 550 |
|  |  | Maine | Gardiner |  | 2.50 | 625 | - | - | 625 |

SKILLED CARPENTERS

| $1 / 26$ | Maine | Auburn | 92.00 | 36 f | 45 |  | 411 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 223 | Canada | August | 102.00 | 400 | 50 |  | 450 |
| 343 | Maine | Bangor | 102.00 | 384 | 120 | - | 504 |
| 438 | Maine | Bath | $10 \mid 2.50$ | 465 | - | - | 465 |
| 527 | Maine | Fairfiel | 102.12 | 628 |  | - | 623 |
| 625 | Maine | Gardic | 102.00 | 600 |  |  | 60 |
| 723 | Maine | Gardin | 102.00 | $41 t$ | 5 | - | 42 |
| 830 | Maine | Lisbon | 10,2.00 | 400 | - | - | 400 |

UNSKILLED CARPENTERS

| 129 Maine | Augusta | 1011.75 | 435 |  |  | 435 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 230 Maine | Augusta | 101.75 | 356 | 25 |  | 375 |
| 348 Maine | Augusta | 1011.75 | 200 | 100 | 300 | 600 |
| 437 Maine | Belfast | 101.75 | 315 | 125 | - | 440 |
| 532 Maine | Farmingdale | 1011.75 | 323 | - | - | 323 |
| 635 Maine | Hallowell | 101.75 | 252 | 213 | - | 465 |
| 743 Maine | Richmond | 101.75 | $33+$ | - | - | 336 |
| 827 Maine | Waterville | 101.75 | 310 | - | - | 310 |
| 952 Maine | Waterville | 101.75 | 265 | 250 | - | 515 |
| 1056 Maine | Waterville | 101.75 | 250 | 275 | - | 525 |
| 1126 Main | W | 10 l . | 320 |  |  | 32 |

## WITH FAMILIES-Continued.

| Expenses. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \stackrel{\rightharpoonup}{\ddot{0}} \\ & \text { ※ } \end{aligned}$ | '80 |  |  | $\begin{aligned} & \dot{\oplus} \\ & \stackrel{0}{0} \\ & \text { d } \\ & \stackrel{\rightharpoonup}{0} \\ & \stackrel{0}{0} \\ & 0 \end{aligned}$ |  |  | - | \% | \# \# ¢ Q |
| - | \$156 | \$100 | \$40 | \$1 | - | \$140 | \$437 | \$ 81 |  |
| \$96 | 300 | 50 | 45 | - | - | 24 | 515 | 247 |  |
| - | 316 | 90 | 50 | 5 | \$4 | 10 | 475 | 269 |  |
| 84 | 100 | 60 | 40 | 3 | - | 129 | 416 |  |  |
| 143 | 300 | 85 | 50 | 16 | - | 50 | 644 | 17 |  |
| 60 | 210 | 90 | 38 | 4 | 18 | 120 | 540 | 43 |  |
| - | 142 | 113 | 36 | , | - | 165 | 456 | 226 |  |
| - | 100 | 60 | 31 | 1 | - | 100 | 292 | 118 |  |
| 120 | 230 | 110 | 39 | - | - | 83 | 582 | 30 |  |
| - | 230 | 45 | 46 | 2 | - | 72 | 395 | 65 |  |
| 84 | 150 | 75 | 38 | 11 | - | 170 | 528 |  |  |
|  | 230 | 60 | 42 | 2 | - | 85 | 419 | 71 |  |
| - | 165 | 40 | 35 | 1 | - | 110 | 351 | 59 |  |
|  | 230 | 70 | 43 | - | - | 50 | 393 | 93 |  |
| 84 | 175 | 68 | 40 | 4 | - | 39 | 410 |  |  |
| 108 | 300 | 132 | 47 | 4 | 28 | 21 | 640 | 47 |  |
| 84 | 275 | 85 | 43 | - | - | 40 | 527 | - | \$67 |
| 84 | 200 | 62 | 38 | - | - | 16 | 400 | - | 10 |
| 84 | 150 | 75 | 40 | 3 | - | 98 | 450 | 100 |  |
| 120 | 150 | 100 | 39 | - | - | 50 | 458 | 92 |  |
| - 1 | 246. | 81 | 43. | - | - | 170 | 540 | $8{ }^{\text {b }}$ |  |

WITHOUT FAMILIES.

| Board.... | $\$ 148$ | $\$ 62$ | - | $\$ 5$ | - | $\$ 27$ | $\$ 242$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Board.... | 182 | 42 | - | 10 | $\$ 3$ | 88 | 325 |
| Bord.... | 208 | 56 | - | 4 | - | 86 | 354 |
| Board.... | 234 | 60 | - | - | - | 50 | 344 |
| Board.... | 208 | 87 | - | 3 | 121 |  |  |
| Board.... | 182 | 50 | - | 9 | 68 | 375 | 253 |
| Board.... | 135 | 85 | - | 1 | 6 | 165 | 404 |
| Board.... | 156 | 50 | - | - | - | 200 | 421 |

WITH FAMILIES.

|  | \$140 | \$60 | \$35 | - | - | \$150 | \$385 | \$50 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$75 | 200 | 50 | 30 | - | - | 20 | 375 |  |
| - | 350 | 150 | 25 | - | - | 75 | 600 |  |
| - | 130 | 75 | 38 | - | - | 197 | 440 |  |
| - | 146 | 67 | 32 | - | - | 28 | 273 | 50 |
|  | 250 | 50 | 46 | - | - | 119 | 465 |  |
| - | 120 | 43 | 28 | \$3 | \$18 | 76 | 288 | 48 |
| 75 | 115 | 70 | $34)$ | -1 | - | 16 | 310 |  |
| - | 200 | 90 | 40 | - | - | 185 | 515 |  |
| - | 225 | 100 | 50 | - | - | 150 | 525 |  |
| 84 | 100 | 75 | 35 | - | - | 26 | 320 |  |

SKILLED CARPENTERS


SKILLED CARPENTERS


## UNSKILLED CARPENTERS

|  |
| :---: |
|  |
|  |
| ＇${ }^{\text {N＇}}$ |
|  |
|  |
|  |
| ＇合号＇ |
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| N－WNosometemo |
| ーッーーーールーせん上 |
| 11111111 |
|  |

WITH FAMILIES--Concluded.


WITHOUT FAMILIES-Concluded.

| Weekly | No. | No. | 兂 | Y | Yes | No. | No... | Yes. | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Irregularly | Yes.... | ، | " | ، | ، | Yes. | "، |  | .، |
| Weekly | No..... | ، | Nu .... | " | '6 | No | Yes.. | '6 | ، |
| Weekly |  | " |  | No | No. | " | ' | " | '6 |
| Weekly | $\because$ | " | '، | Yes | Yes | Yes.. | " | " | ، |
| Irregularly | " | " | " | No..... | No. ... | " | " | ، | " |
| Weekly ... | " | " | " |  | " | No... | No... | No. | , |
| Weekly. | ' | , | , | , | 1 | \| ، | Yes | Yes.. | ، |

## WITH FAMILIES-Continued.



## UNSKILLED CARPENTERS



UNSKILLED CARPENTERS



## WITH FAMILIES-Continued.



## WITHOUT FAMILIES.

| - | 182 | 78 | - | 3 | \$53 | 82 | 398 | 200 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - | 175 | 28 | - | - | - | 125 | 328 | 222 |
| - | 175 | 40 | - | - | - | 60 | 275 | 75 |
| - | 156 | 40 | - | 4 | - | 100 | 300 |  |

## FAMILIES.

| 84 | 150 | 60 | 48 | 9 | - | 49 | 400 | 125 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - | 350 | 160 | 55 | 7 | 16 | 112 | 700 |  |
| - | 200 | 93 | 50 | 7 | 15 | 85 | 450 | 150 |
| 30 | 360 | 100 | 25 | - | - | 10 | 525 |  |
| 72 | 200 | 80 | 38 | - | - | 410 | 800 |  |
|  | 150 | 90 | 35 | 25 | 6 | 100 | 406 | 344 |
| Board. | 260 | 75 | - | 5 | - | 150 | 490 | 170 |
| - | 300 | 75 | 50 | - | - | 30 | 455 |  |
| 60 | 190 | 90 | 35 | 7 | 15 | 50 | 447 |  |
| 50. | 175 | 60 | 40 | 4 | - | 96 | 425 | 75 |
| 60 | 190 | 65 | 35 | 8 | - | 90 | 448 | 52 |
| 72 | 118 | 45 | 44 | - | - | 75 | 354 | 46 |
| - | 250 | 160 | 52 | 5 | - | 73 | 540 |  |
| 108 | 170 | 90 | 42 | - | - | 83 | 493 |  |
| 96 | 140 | 83 | 42 | - | - | 39 | 400 | 50 |
| 120 | 135 | 160 | 51 | - | - | 100 | 566 | 134 |
| - | 180 | 135 | 43 | 6 | - | 115 | 479 | 145 |
| - | 230 | 165 | 46 | 4 | 17 | 80 | 542 | 58 |
| 108 | 180 | 100 | 47 | 4 | 26 | 75 | 540 | 60 |
| 84 | 125 | 60 | 40 | 4 | 28 | 86 | 427 | 128 |
| 60 | 150 | 65 | 40 |  | - | 60 | 375 | 151 |
| Board. | 286 | 37 | - | 9 | 13 | 58 | 403 | 143 |
| - | 123 | 42 | 23 | - | - | 72 | 258 | 288 |
| 120 | 160 | 80 | 50 | 5 | - | 125 | 549 |  |
| - | 200 | 100 | 55 | 4 | 11 | 258 | 628 | 172 |
| 84 | 194 | 35 | 26 | - | - | 140 | 479 | 151 |
| 8 | 230 | 80 | 41 | 5 | - | 75 | 431 | 139 |
| - | 170 | 80 | 40 | 4 | - | 100 | 394 | 176 |
| - | 180 | 70 | 37. | 2 | - | 125 | 414. | 166 |

UNSKILLED CARPENTERS


UNSKILLED CARPENTERS

| 1 | - | - | 18 | 18 | - | - | - | - | - | - | 1 | - |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2 | - | - | - | - |  |  |  |  |  |  |  |  |
| 3 | 10 | - | 95 | 105 | - | 450 | - | - | - | 1 | - | - |
| 4 | - | 105 | - | 105 | - | - | - | - | - | 1 | - | - |

MASONS WITH


WITH FAMILIES－－Concluded．

| How often paid？ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | No． | No． | No． | No． | No． | No．．． | No． | No． | Yes． |
| Irregularly．． | Yes．．．． | 6 | ، 6 | ، | 6 | 16 | ، | Yes． | No． |
| Irregularly | ، | 6 | ${ }_{6}$ | Yes | Yes．．．． | 16 | 66 | No．．． | Yes． |
| Irregularly | ${ }^{6}$ | ＇6 | ＇، | No．．．．． | No．．．． | 6 | 6، | ＇ | ＂ |
| Irregularly | ＇6 | ＂ | ＇6 | ＂ | ＊ | ＇＂ | ＂${ }^{\prime}$ | Yes．． | No． |
| Fortnightly | ＇6 | 6 | ، 6 | 6 | ＂ | Yes．． | Yes．． | ＇ | ＊ |
| Irregularly ． | 6 | 6 6 | 6 | 16 | ＊ | No．．． | No．． | No．． | ، |
| Irregularly | ＇6 | ＇6 | ، | ＇6 | ، | 6 | Yes． | ＂ | ＂ |

## WITHOUT FAMILIES－Concluded

| Weekly | No． | No | No． | Yes | Yes． | Yes．． | Yeq． | Yes． | No． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Irregularly．．．． | Yes | ، | ， | No．．．．． | No．．．．． | No．．． | 6 | ، | ، |
| Fortnightly．．． | No．．．． | ＇6 | 6 | ، | ＂ | 6 | ، 6 | ${ }^{6}$ | 6 6 |
| Weekly ． | ${ }^{6}$ | ، | 6 | Yes． | ، | ＇6 | 6 | No．．． | ، |

## FAMILIES－Continued．



MASONS WITH


MASONS WITHOUT


MASON TENDERS

| 162 | Canada | Augusta | 1011.50 | 200 | 45 | \$350 | 59 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 250 | Canada | 4ugusta | 101.50 | 235 | 40 | 600 | 5 |
|  | Canada | Augusta | 1011.50 | 300 | 50 | 100 | 50 |
| 4.47 | Canada | tugusta | 101.50 | 300 | 75 | 650 | 1025 |
| 546 | Canada | Augusta. | 101.50 | 325 | 50 | 850 | 1225 |
| 630 | Canada | Augusta | 1011.50 | 250 | 100 | 300 | 650 |
| 728 | Maine | 4ugusta. | 101.50 | 275 | 50 | 15 | 340 |
| 830 | Canada | Augusta | 101.50 | 200 | 50 | 200 | 450 |
| 929 | Canada | dugusta. | 101.50 | 275 | 50 | 225 | 550 |
| 1028 | Canada | tugusta. | 101.50 | 350 |  |  | 350 |
| 1136 | Maine | Bangor | 101.75 | 3.57 |  |  | 357 |
| 1227 | Maine | Bangor | 101.50 | 306 | 38 |  | 344 |
| 13.28 | Canada | Bath | 102.00 | 400 | 42 |  | 442 |
| 14.56 | Maine | Gardiner | 1012.7. | 378 | - | - | 378 |
| 155 | Canada | Gardine | $10 \mid 2.00$ | 448 | - | - | 44 |

## MASON TENDERS

| 1/23\|Canada | Augusta | 1012.s0 | 250 |  |  | 250 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $22^{2} 2$ Canada | Augusta | 101.50 | 225 | 75 |  | 300 |
| 3 33 Maine | Bath | 101.75 | 340 | -- | - | 340 |
| 430 Ireland | \|Gardiner | 102.00 | 445 | - | - | 445 |
| 5) 21 Maine | Gardiner | 102.00 | 502 | - | - | 502 |

FAMILIES-Continued.


## FAMILIES.

| - | 182 | 48 | - | - | - | 70 | 300 | 100 |
| :--- | :--- | :--- | :--- | :--- | :--- | ---: | ---: | ---: |
| - | 200 | 65 | - | 6 | - | 179 | 450 |  |
| - | 175 | 30 | - | 11 | 15 | 64 | 300 | 150 |
| - | 160 | 28 | - | - | - | 222 | 410 |  |
| - | 175 | 45 | - | 6 | - | 49 | 275 | 25 |
| - | 208 | 83 | - | - | - | 64 | 35 | 65 |
| - | 156 | 76 | - | 3 | - | 200 | 429 | $17 i^{2}$ |

## WITH FAMILIES.

| 60 | 250 | 94 | 46 | 30 | - | 115 | 595 | - |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 60 | 300 | 87 | 30 | 27 | - | 90 | 594 | 281 |  |
| 48 | 150 | 60 | 36 | 14 | - | 92 | 400 | 50 |  |
| 60 | 200 | 100 | 35 | 18 | - | 12 | 475 | 550 |  |
| 72 | 400 | 150 | 40 | 60 | - | 50 | 772 | 453 |  |
| 84 | 160 | 75 | 50 | 15 | - | 26 | 400 | 250 |  |
| 60 | 180 | 30 | 40 | 4 | - | 40 | 354 | - | $\$ 14$ |
| 60 | 260 | 80 | 35 | 15 | - | 25 | 475 | - | 25 |
| 60 | 300 | 80 | 50 | 18 | - | 42 | 550 |  |  |
| 48 | 150 | 66 | 30 | 10 | - | 46 | 350 |  |  |
| 84 | 124 | 70 | 38 | 4 | - | 37 | 357 |  |  |
| 72 | 165 | 47 | 35 | 5 | - | 46 | 370 | - | 26 |
| 72 | 260 | 90 | 38 | - | - | 30 | 490 | - | 48 |
| - | 343 | 52 | 34 | 1 | - | 36 | 466 | - | 88 |
| 72 | 112 | 46 | 43 | - | - | 75 | 348 | 100 |  |

## WITHOUT FAMILIES.

| Board ... | 156 | 54 | - | 8 | - | 32 | 250 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Board.... | 156 | 40 | - | 8 | - | 76 | 300 |
| Board... | 208 | 70 | - | - | - | 62 | 340 |
| Board... | 182 | 40 | - | - | - | 130 | 352 |
| Board ... | 182 | 62 | - | - | - | 126 | 370 |

MASONS WITH


MASONS WITHOUT

| 1 | - | 100 | - | 100 | - | - | - | - | - | 1 | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | 25 | 60 | 20 | 105 | - | - | - | - | - | 1 | - | - |
| 3 | 6 | 25 | 29 | 60 | - | - | - | - | - | 1 | - | - |
| 4 | - | 25 | 50 | 75 | - | - | - | - | - | 1 | - | - |
| 5 | - | 120 | 15 | 135 | - | - | - | - | - | 1 | . 14 | - |
| 6 | - | 130 | 7 | 137 | - | - | - | - | - | 1 | - | - |
| 7 | - | 90 | 10 | 105 | - | - |  | - |  | 1 | - | - |

MASON TENDERS

| 1 | - | 100 | 50 | 150 | - | - | - | - | 5 | 4 | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | - | 52 | 73 | 125 | - | - | - | - | 6 | 5 | - | - |
| 3 | - | 45 | 15 | 60 | - | - | - | - | 3 | 2 | - | - |
| 4 | - | 30 | 45 | 75 | - | - | - | - | 6 | 5 | - | - |
| 5 | - | 50 | - | 50 | - | - | - | - | 8 | 6 | - | - |
| 6. | - | - | 50 | 50 | - | - | - | - | 3 | 2 | - | - |
| 7 | 50 | 25 | 5 | 80 | - | - | - | - | 4 | 2 | - | - |
| 8 | - | 120 | 10 | 130 | - | - | - | - | 5 | 2 | - | - |
| 9 | 7 | 66 | 7 | 80 | - | - | - | - | 5 | 3 | - | - |
| 10 | - | 60 | 12 | 72 | - | - | - | - | 3 | 1 | - | - |
| 11 | - | 84 | 17 | 101 | - | - | - | - | 2 | 1 | - | - |
| 12 | - | 60 | 15 | 75 | - | - | - | - | 5 | 1 | - | - |
| 13 | - | 48 | 27 | 75 | - | - | - | - | 6 | 1 | . $12 \frac{1}{2}$ | - |
| 14. | 9 | 64 | 16 | 89 | 1 | 500 | - | - | 6 | 1 | - | - |
| 15 | - | 81 | - | 81 | - | - | - | - | 2 | 1 |  |  |

## MASON TENDERS

| 11 | 6 | 132 | - | 138 | - | - | - | - | - | 1 |  | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | - | 70 | 8 | 78 | - | - | - | - | - | , | - |  |
| 3 | - | 90 | 21 | 111 | - | - | - | - | - | 1 | - |  |
| 4 | - | 66 | 17 | 83 | - | - | - | - | - | 1 | - |  |
| 5 | - | 54 | - | 54 |  | 1,500 | - | - | - | 1. | - | - |

FAMILIES—Concluded.

| How often paid? |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Irregularly | Yes.... | No. | Yes... | No. | No..... | No.. | Yes | Yes.. | No. |
| Fortnightly |  |  |  | Yes |  |  | '6 | 6 | " |
| Fortnightly .. |  |  |  | No | Yes |  |  |  | , |
| Irregularly . . | No.... | " | No. | ، | No. |  |  |  |  |

## FAMILIES-Concluded.

| regularly | No | No | , ${ }^{\text {o }}$ | No |  | Yes. |  | Yes | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Irregularly | Yeз.... | " | Yes |  | Yes | No |  | No. | " |
| Irregularly |  | "، | צ' | Yes. |  | Yes | Yes. | Y | " |
| Irregularly |  | "، | No..... | No. |  |  | No. | Yes... | " |
| W | No..... | ، | " | " | " | " | Yes | " | ، |
| Fortnigh | ، | " | Yes. | ، |  |  |  |  |  |

## WITH FAMILIES-Concluded.



## WITHOUT FAMILIES-Concluded.



SKILLED PAINTERS

| Number of return. |  | Where born. | Present residence. |  |  | Earnings. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\left\|\begin{array}{c} \dot{8} \\ 80 \\ 8 \end{array}\right\|$ |  |  |  |  |  |  |  | - |
|  | 130 | Maine | Augusta | 10 | 2.25 | \$350 | \$150 |  | \$500 |
|  | 232 | Maine | Bangor. |  | 2.25 | 500 | - |  | 500 |
|  | 342 | Maine | Eangor |  | 2.25 | 432 | - |  | 432 |
|  | 438 | Maine | Brewer |  | 2.00 | 384 | - | - | 384 |
|  | 546 | Maine | Bangor |  | 200 | 435 | - |  | 435 |
|  | 656 | Maine | Bath.. |  | 2.23 | 520 | - | - | 520 |
|  | 750 | Maine | Belfast. |  | 2.25 | 400 | - | - | 400 |
|  | 831 | Maine | Belfast |  | 2.00 | 340 | 60 | - | 400 |
|  | 9 38 | Maine | Bavgor |  | 2.00 | 524 | - | - | 524 |
|  | 021 | New Hampshire | Biddeford |  | 2.50 | 730 | - | - | 730 |
|  | 130 | Maine | Buckspurt. | 10 | 2.00 | 280 | 60 | - | 340 |
|  | 261 | Maine | Gardiner | 10 | 2.50 | 387 | - | $\$ 400$ | 787 |
|  | 337 | Maine | Gardiner | 10 | 2.50 | 5 5\% | - |  | 558 |
|  | 440 | Maine | Gardiner |  | 2.00 | 500 | - | 250 | 750 |
|  | 526 | Maine | Lewiston |  | 2.00 | 22.5 | 146 |  | 371 |
|  | 646 | Maine | Lewiston |  | $2 \cdot 00$ | 300 | 50 | 75 | 425 |
|  | 747 | Maino | Lewiston |  | 2.00 | 350 | 48 | - | 395 |
|  | 827 | Maine | Randolph | 10 | 200 | $4(10$ | 40 | - | 4919 |
|  | 939 | Maine | Kandolph. | 10 | 2.00 | 424 | - | - | 424 |
|  | 206 | Maine | Kichmond |  | 2.25 | 420 | - | - | 420 |
|  | 138 | Maine | Richmond |  | 12.25 | 460 | - | 65 | 525 |
|  | 246 | Maine | Saco .. |  | 2.50 | 500 | - |  | 500 |
|  | 238 | Maine | saco | 11 | 2.00 | 465 | - | - | 465 |
|  | 437 | Connecticut | Waterville | 10 | 2.00 | 350 | 25 | - | 375 |
|  | $5{ }^{4} 4$ | Maine .... | Saco. |  | \| 2.00 | 542 | - | - | 542 |

## SKILLED PAINTERS

| 120 Maine | Bangor.. | $10 \mid 2.00$ | 385 | - | - | 385 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 232 England | Bath | $10 \mid 2.25$ | 525 | - | - | 525 |
| 328 Maine | Belfast. | $10 \cdot 2.00$ | 460 | - | - | 400 |
| 4139 Maine | Biddeford | 10:2.00 | 490 | - | - | 400 |
| 5 55/ Maine | Gardiner | 102.50 | 416 | - | - | 416 |
| 636 Maine | Waterville | 102.50 | 775 | - |  | 775 |
| 730 Maine | Winterport | 102.00 | 360 | - | - | 360 |
| 823 Canada | Kennebunk | 102.00 | 410 | - | - | 410 |

UNSKILLED PAINTERS


## WITH FAMILIES.



## WITHOUT FAMILIEs.

| Board.... | 19. | 35 | - | - | - | 80 | 310 | 75 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Board... | 208 | 65 | - | 13 | - | 45 | 331 | 194 |
| Board... | 182 | 65 | - | 3 | - | 75 | 325 | 75 |
| Board.. | 182 | 60 | - | 4 | - | 75 | 321 | 79 |
| Board.... | 182 | 67 | - | - | - | 167 | 416 |  |
| Board.... | 182 | 45 | - |  | 7 | 30 | 36 | 300 |
| Board.... | 156 | 42 | - | - | - | 37 | 235 | 125 |
| Board.... | 156 | 50 | - | - | - | 204 | 410 |  |

## WITH FAMILIES.

| 66 | 174 | 61 | 39 |  | 4 | - | 26 | 370 | 27 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 84 | 170 | 25 | 46 | - | - | 10 | 335 | - | 35 |
| 100 | 200 | 100 | 42 | - | - | 58 | 500 | - | 10 |
| 120 | 200 | 80 | 35 | 4 | - | 36 | 475 | - | 100 |
| 96 | 150 | 60 | 38 | 5 | 11 | 25 | 38. | - | 35 |
| 100 | 200 | 60 | 40 | 8 | - | 12 | 420 |  |  |
| 120 | 125 | 35 | 32 | - | - | 28 | 340 | - | 20 |

SKILLED PAINTERS

|  | Days Lost |  |  |  |  |  | Amount of mortgage. | $\begin{aligned} & 5 \\ & 5 \\ & 0 \\ & 0 \\ & 0 \\ & .8 \\ & .8 \\ & 0 \\ & 0 \\ & 0 \\ & 8 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | 7 | 42 | - | 49 | 1 | \$700 | - | - | 2 | 1 | - | . 121 |
| , | - | 84 | - | 84 | 1 | 1,700 | - | - | 3 | 1 | - |  |
| 3 | - | 100 | 13 | 113 | 1 | 1,300 | - | - | 4 | 1 | - |  |
| 4 | - | 84 | 29 | 113 |  | , | - | - | 3 | 1 | - | - |
| 5 | - | 70 | 17 | 87 | - | - | . | - | 4 | 1 | - | - |
| 6 | - | 74 | - | 74 | 1 | 1,500 | - | - | 4 | , | - | - |
| 7 | - | 100 | 28 | 128 | - |  | - | - | 2 | 1 | - | - |
| 8 | - | 70 | 25 | 9 | - | - | - | - | 3 | 1 | - | - |
| 9 | - | 43 | - | 43 | - | , | - | - | 4 | 1 | - | - |
| 10 | - | - | 13 | 13 | 1. | 2,000 | - | - | 2 | 1 | - | - |
| 11 | - | 100 | 25 | 125 | - | , | - | - | 2 | 1 | - | - |
| 12 | 60 | 90 | - | 150 | , | 2,500 | - | - | 5 | 3 | - | - |
| 13 | - | 8 ? | - | 82 | 1 | 2,000 | - | - | 3 | 1 | - | - |
| 14 | - | 55 | - | 55 | - | - | - | - | 2 | 2 | - | - |
| 15 | - | 93 | - | 93 | - | - | - | - | 4 | 1 | - | - |
| 16 | 25 | 15 | 75 | 115 | 1 | 300 | \$158 | . 06 | 9 | 3 | - | - |
| 17 | - | 130 | - | 130 | - | - | - | - | 2 | 1 | - | - |
| 18 | - | 60 | - | 60 | - | - | - | - | 4 | 1 | - | - |
| 19 | - | 94 | - | 94 | - | - | - |  | $\stackrel{2}{ }$ | 1 | - | - |
| 20 | 18 | 76 | 24 | 118 | - | - | - | - | 2 | 1 | - | - |
| 21 | - | 100 |  | 100 | - | . | - | - | 7 | - | - | - |
| 22 | - | 75 | 30 | 105 | 1 | 2,800 | 300 | . 06 | 5 | 1 | - | - |
| 23 | - | 72 | , | 72 | - | , | - | - | 3 | 1 | - |  |
| 24 | 30 | 74 | - | 107 | - | - | - | - | 6 | J | - | . $12 \frac{1}{2}$ |
| 25 | - | - | 34 | 34 |  | - | - |  | - | 1. | - | - |

SKILLED PAINTERS

| 1) | 11 | 78 | 23 | 112 | - | - | - | - | - | ] | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\therefore$ | - | 72 |  | 72 | - | - | - | - | - | 1 | - | - |
| 3 | - | 75 | 30 | $10 \%$ | - | - | - | - | - | 1 | - | - |
| 4 | - | 100 | $\overline{5}$ | 105 | - | - | - | - | - | 1 | - | - |
| 5 | - | 90 | 49 | 139 | - | - | - | - | - | 1 | - | - |
| ( | - |  |  | $\sim$ | - | - | - | - | $\rightarrow$ | 1 | - | - |
| 7 | - | 90 | 35 | 125 | - | - | - | $\sim$ | - | 1 | - | - |
| 8 | - | 100 | - | 100 | - | - | - | - | - | ] | - | - |

UNSKILLED PAINTERS

| $1 /$ | - | - | 78 | 78 | - | - | - | - | 2 | + | . 17 | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | - | 90 | 44 | 134 | - | - | - | - | 5 | 1 | - | - |
| 3 | - | 47 | - | 47 | - | - | - | - | 3 | 1 | - | . 05 |
| 4 | 36 | 49 | - | 85 | - | - | - | - | 5 | 1 | . $12 \frac{1}{2}$ | - |
| 5 | 105 | - | - | 105 | - | - | - | - | 4 | 1 | - | - |
| 6 | - | 40 | 13 | 53 | - | - | - | - | 4 | 1 | - | . $12 \frac{1}{2}$ |
| 7 | - | 122 | - | 122 | - | - | - | - | 3 | 1 | - | - |

WITH FAMILIES－Concluded．

| How often paid？ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Monthly | Yes． | No． | No．．． | No． | No． | No．． | Yes．． | Yes． | No． |
| Weekly | No． | ＂ |  | ＂ |  | ، | ＂ |  |  |
| Weekly． | ، | \％ | ＂ | Yes．．．． | Yes ．． | ＇6 | ＂ | No．．． | Yes． |
| Weekly． | ＂ | ＂ | Yes | ＂＇ | ＂ | ＇ | ／ | ＂ | ＂ |
| Weekly | ＂ | ، | No | No． | No | ＂ | ＇6 | ＂ | No． |
| Weekly | ＇، | ＂ | Yes | Yes | Yes | ＂ | ＂ | Yes． | ＂ |
| Irregularly． | Yes．．．． | ＂ | No． | ＇ | No． | ＇ | ＂ | ، | ＂ |
| Weekly ．．． | No．． | ＂ | ＂ | ＊＂ | ＂ | ＂ | ＂ | No． | ＂ |
| Weekly． |  | ＂ | Yes．．．． | No． | Yes | ＂ | ، | Yes． | ، |
| Weakly． | ＇، | ＇6 | No． | －6 | No | ＂ | ， | ＂ | ／ |
| Irregularly | Yes．．．． | ＇6 | ＂ | ، | ＂ | ＂ | ＂ | No． |  |
| Weekly． | No | ＇6 | Yes． | ＂ | ＂ | Yes．． | ، | Yes．． | ＇ |
| Weekly | ＇＊ | ＂ | ＂ | ＂${ }^{\text {c }}$ | ＂ | ＂＇ | ＂ | ＂ | ＇، |
| Weekly | ＂ | ＂ | ＂، | ${ }^{\prime}$ | Y ${ }^{\text {es }}$ | ＂＂ | ${ }^{\prime \prime}$ | No． | ＂ |
| Weekly | ＂ | ＇． | ＂ | Yes． | Yes | No．．． | No．． | No． | ＇ |
| Weekly． | ＂ | $\cdots$ | ＂ | － | ＂ | ＂ | ＂ | ＇، | Yes． |
| Irregularly | ＂ | ＂ | ＂ | ＇، | ＂ | ＂ | ＇6 | ， | No． |
| Weekly．．．． | ، | ＂ | No．．．．． | No．．．．． | No． | ＇6 | ／ | ＇． | Yes |
| Weekly | ＊ | ＂ | Yes | ＂، | Yes | ＇، | ＇＂ | ， | No． |
| Weekly | ＂ | ＂ | No．．．． | ＇6 | No．．．． | ＂ | Yes．． | ＂ | ＂ |
| Irregularly | Yes．．．． | ＂ |  | Yes | ＂ | ＂ | ＂ | ＂ | Yes． |
| Weekly | No | ＂ | Yes | ＂ | ＂ | ＂، | ＂ | Yes．． |  |
| Weekly |  | ＂ | No．． | No | ＂＇ | ＂ | ＂ |  | Yes． |
| Fortnightly | Yes | ＂ | Yes． |  |  | ＂ |  | No... | Yes． |

## WITHOUT FAMILIES－Concluded．

| W | No | No． | No | No． | No． | No． | Yes．． | Yes | No． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | ＂ | ＊ | Yes | Yes． | Yes | Yes．． | ${ }^{6}$ | ، | ＂ |
| Irregularly | ، | ، | No． | ＇6 | No． | No．． | ، | ، | ＇6 |
| Weekly | ، | ، | Yes | ＇6 | Yes | ${ }^{6}$ | ＂${ }^{6}$ | ، | 6 |
| Weekly | ． | 16 | ، | No | No．．．． | ＇6 | No．． | No．．． | 6 6 |
| Fortnightly | Yes | ${ }^{6}$ | ＇ | Yes | Yes．．．． | Yes．． | ＂ | Yes．． | ＇6 |
| Weekly ． | No． | ، 6 | No． | No | No． | No．．． | Yes．． | ، | 6 |
| Irregularly | ، | ＊ |  | ， | ， | ， | No | No．．． | ＇6 |

## With FAMILIES－Continued．



UNSKILLED PAINTERS

|  | $\left\lvert\, \begin{aligned} & \dot{5} \\ & \frac{5}{4} \end{aligned}\right.$ | Where born. | Present residence. |  | Wages per day. |  |  | ings $\qquad$ <br>  <br> 電 | $\begin{aligned} & \dot{\vec{\Xi}} \\ & \stackrel{3}{0} \\ & \text { H. } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Maine | Waterville | 10 |  | \$492 |  | - | \$492 |
| 9 | 44 | Maine | Waterville. | 10 | 1.75 | 370 | - | - | 370 |
| $1{ }^{1}$ | 14 | Canada | Waterville | 10 | 1.50 | 225 | - | \$400 | 625 |
| $1)$ |  | Canada | Waterville. |  | 1.50 | 235 | - | 600 | 835 |

## UNSKILLED PAINTERS



## BLACKSMITHS



## BLACKSMITHS

| $1{ }^{122}$ | Maine | Bath | 1011.50 | 450 | - | - | 450 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 223 | Maine | Belfast | 101.25 | 350 | - | - | 350 |
| 345 | Maine | Gardiner | 101.58 | 408 | - | - | 408 |
| 4.24 | Maine | Gardiner | 101.67 | 480 | - | - | 480 |
| $5 / 46$ | Maine | Portland | 102.50 | 715 | - | - | 715 |

WITH FAMILIES-Continued.


## WITHOUT FAMILIES.

| Board ... | 182 | 70 | - | - | - | 58 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Board... | 156 | 48 | - | - | - | 310 |
| Board... | 156 | 30 | - | - | - | 30 |
| Buard ... | 182 | 50 | - |  | 273 |  |
| Board... | 182 | 38 | - | - | - | 65 |

WITH FAMILIES.

| 60 | 300 | 130 | 40 | 1 | 5 | 44 | 580 | - |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| - | 234 | 110 | 46 | 10 | 31 | 119 | 550 | 200 |
| 108 | 243 | 82 | 51 | 2 | - | 64 | 550 |  |
| 96 | 200 | 125 | 48 | 4 | - | 77 | 550 | 80 |
| 72 | 180 | 120 | 47 | 4 | - | 125 | 548 | 52 |
| 96 | 180 | 36 | 50 | - | - | 103 | 465 | 135 |
|  | 220 | 140 | 38 | - | - | 100 | 498 | 27 |
| - | 235 | 120 | 52 | 2 | 27 | 64 | 500 | 100 |
| -108 | 160 | 115 | 57 | 4 | 11 | 235 | 690 |  |
| - | 138 | 100 | 43 | - | - | 147 | 428 | 108 |
| - | 200 | 113 | 38 | - | - | 69 | 420 |  |
| -120 | 175 | 80 | 46 | 10 | 27 | 50 | 508 | 92 |
| - | 225 | 110 | 45 | 11 | 14 | 70 | 475 |  |
| - | 200 | 100 | 50 | 6 | 14 | 80 | 450 |  |

## WITHOUT FAMILIES.

| Board... | 208 | 80 | - | - | - | 162 | 450 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Board.. | 156 | 45 | - | - | - | 74 | 275 |
| Board... | 182 | 65 | - | - | - | 1.4 | 408 |
| Board... | 156 | 66 | - | - | - | 58 | 280 |
| Board.... | 200 | 50 | - | 24 | - | 100 | 374 |

UNSKILLED PAINTERS


UNSKILLED PAINTERS

| 1 | 17 | 50 | 33 | 100 | - | - | - | - | - | 1 | - |
| ---: | ---: | ---: | ---: | ---: | ---: | :--- | :--- | :--- | :--- | :--- | :--- |
| 2 | 11 | 106 | 6 | 123 | - | - | - | - | - | 1 | - |
| 3 | - | 45 | - | 45 | - | - | - | - | - | 1 | - |
| 4 | - | 100 | 34 | 134 | - | - | - | - | - | 1 | - |
| 5 | - | 60 | 53 | 113 | - | - | - | - | - | 1 | - |

BLACKSMITHS


## BLACKSMITHS

| $\mathbf{1}$ | - | - | 5 | 5 | - | - | - | - | - | 1 | - | - |
| ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | - | - | 25 | 25 | - | - | - | - | - | 1 | - | - |
| 3 | - | - | 46 | 46 | - | - | - | - | - | 1 | - | .05 |
| 4 | - | - | 17 | 17 | - | - | - | - | - | - | - | - |
| 5 | - | - | 19 | 19 | - | - | - | - | - | 1 | - | - |

## WITH FAMILIES-- Concluded.

| How often paid? |  |  |  |  |  | Have you a savings bank account? |  | $\begin{aligned} & \text { Lave you accumulated } \\ & \text { savings during past yr? } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Monthly. | Yes.. | Yes | Yes | Yes | Yes | No. | No | No... | No. |
| Fortnightly | 6 | No | -" | No. | No |  | Yes.. | " | Yes. |
| Fortnightly. | 6 | "6 | No | 6 | ، | Yes. | '6 |  | " |
| Irregularly . | , | ، | , | ،6 | , | No. | No | Yes | No |

## WITHOUT FAMILIES-Concluded.

| Weekly | No. | No | No. | No | No. | No... | No... | No.., | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | ، | * | " | ، 6 | '، | , | 6 | * | * |
| Weekly | 6 | 6 6 | '، | 6 6 | ، | Yes.. | Yes.. | Yes.. | '6 |
| Weekly | 6 | 6 | Yes | ، | '6 | No... |  | No.. | 6، |
| Weekly. | '6 | 6 | No | $\cdots$ | ، | 6 | No... | ، | 16 |

## WITH FAMILIES-Concldded.



## WITHOUT FAMILIES-Concluded.

| Weekly | No. | No. | N | Vo. | No | No. | No | No |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | 6 | ' | c | ، | " | ، | Yes.. | Yes. | 6* |
| Weekly | 6 | " | 66 | ، | ! | '" | No. | No | 6 |
| Weekly | ، | ' | ' | " | " | Yes.. | Yes.. | Yes |  |
| Weekly |  | ، | Yes | Yes | Yes | ${ }^{6}$ | " | ' |  |

MACHINISTS


## LABORERS

| 122 Canada ............ An | 1011.50 | 300 |  |  | 415 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 250 Canada ............ Augusta | 1011.50 | 240 | - | 600 | 840 |
| 346 Canada ........... Bang | 1011.75 | 336 |  | 279 | 615 |
| 458 New York.......... Bangor | 10\|1.75 | 280 | - |  | 280 |
| 548 'anada ........... Bango | 101.50 | 225 | - |  | 225 |
| 653 Maine ............ Bangor | 101.50 | 300 | - | 35. | 650 |
| 736 Maine .... . . . . . . . . Bangor | 101.50 | 294 | - |  | 290 |
| 844 Canada ............ Bangor | 101.50 | 25.9 | - | 520 | 779 |
| 960 Canada ........... Bath | 101.75 | 357 | - | - | 357 |
| 1050 Ireland .... .. ... Bath | 101.75 | 420 | - | 280 | 700 |
| 1166 Canada ........... Bath | 101.75 | 320 | - | 150 | 470 |
| 1257 Maine ........... Belfast. | 101.50 | 260 | - |  | 260 |
| 1355 Maine ........... Biddeford | 101.50 | 225 | - | 400 | 625 |
| 1450 Maine ............ Biddeford | 101.25 | 275 | - | 450 | 725 |
| 15 39 Massachusetts ...... Bucksport | 101.50 | 260 | - | - | 260 |
| 1633 Maine ..... ... ... Gardiner . | 102.00 | 416 | - |  | 416 |
| 1775 Maine .... . . .... Gardiner | 1011.50 | 240 | - | 280 | 520 |

## WITH FAMILIES.

| Expenses. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \dot{\Xi} \\ & \underset{\Delta}{\Delta} \end{aligned}$ | -88 | $\begin{aligned} & \stackrel{B}{E} \\ & \stackrel{B}{0} \\ & \frac{0}{0} \end{aligned}$ |  |  |  |  | 宝 | 号 | + ¢ ه ¢ |
| \$120 | \$263 | \$91 | \$53 | - |  | \$50 | \$577 | - | \$60 |
|  | 175 | 80 | 45 | $\$ 6$ | \$21 | 143 | 470 | \$280 |  |
| 120. | 156 | 100 | 43 | 3 | 12 | 150 | 584 | 146 |  |
| 90 | 180 | 16 | 43 | 6 | 11 | 225 | 720 |  |  |
| - | 120 | 40 | 40 | 5 | - | 125 | 330 | 100 |  |
| 120 | 160 | 60 | 43 | 4 | 8 | 105 | 500 | 100 |  |
| 96 | 200 | 175 | 45 | - | - | 84 | 600 |  |  |
| - | 300 | 130 | 40 | 10 | 26 | 37 | 543 | 757 |  |
| 132 | 247 | 128 | 46 | 4. | 18 | 212 | 787 |  |  |
| - | 150 | 60 | 37 | 5 | 14 | 25 | 291 | 429 | . |
| 96 | 173 | 72 | 46 | 3 | 18 | 84 | 492 | 156 |  |
| - | 216. | 93 | 48 | 4. | 64 | 29 | 454 | 53 |  |
| - | 2731 | 47 | 43 | 3 | 50 | 120 | 536 | 207 |  |
| 168 | 386 | 163 | 57 | 4 | - | 128 | 908 |  |  |
| - | 288 | 80 | 35 | - | - | 67 | 47 C | 90 |  |
| 90 | 167 | 73 | 40 | 15 | 30 | 54 | 469 | 131 |  |
|  | 165 | 94 | 48 | 5 | 15 | 200 | 527 |  |  |
| 108 | 325 | 72 | 39 | 3 | 12 | 41 | 600 | 4 |  |
|  | 125 | 75 | 35 | ${ }^{+1}$ | - | 200 | 435 | 145 |  |
| 144 | 247 | 78 | 52 | 11 | 24 | 40 | 596 |  |  |
| - | 293 | 163 | 42 | - | - | 67 | 565. | 98 |  |
| $7 \times$ | 329 | 110 | 40. | - | - | 93 | 650 |  |  |
|  | 127 | 32 | 34 | - | 15 | 25 | 233 | 10 |  |
| 100 | 150 | 40 | 40 | 10 | - | 172 | 512 |  |  |
| 96 | 200 | 80 | 34. | - | - | 40 | 450 | 200 |  |
| 96 | 300 | 50 | 25 | 10 | - | 39 | 520 |  |  |
| 66 | 130 | 35 | 30 | - | - | 23 | 284 |  |  |
| 96 | 150 | 70 | 40 | - | - | 74 | 430 |  |  |
| 100 | 175 | 60 | 43 | - | - | 40 | 418 | 44 |  |

## WITH FAMILIES.



MACHINISTS


## LABORERS


E_1: 1 1 1 1 1 1 1 1 1 1 1 1


| 10 | 105 | - 1 | - |
| :---: | :---: | :---: | :---: |
| 10 | 145 | , | - |
| 63 | 113 | - | - |
| 45 | 145 | 1 | 1,600 |
| 3 | 155 | - | - |
| 15 | 10.5 | - |  |
| 12 | 112 | - | - |
| 40 | $13 \cdot$ | 1 | 1,200 |
| 2 t , | 101 | - |  |
|  | $6)$ | - | - |
| 32 | 122 | 1 | 1,800 |
| 36 | 132 | 1 | 800 |
| 55 | 155 | - ! | - |
| 35. | 85 | - | - |
| 32 | 132 | - |  |
|  | 97 | - | - |
|  | 145 | 1 | 1,000 |

$11111111,11111 .: 1$






## WITH FAMILIES－CONClUDED．

| How often paid？ | $$ |  | 0 0 0 0 0 0 0 0 0 5 0 0 0 0 0 0 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | No． | No | No． | No． | No．． | No． | No．．． | No | Yes |
| Weekly | ＂ | ＂ | ＂ | Yes | Yes | ＊ | Yes．． | Yes | No． |
| Weekly | ＇6 | 6 | ، | ${ }^{6}$ | No | Yes． | ＂ | ، | ＇6 |
| Monthly | ＇6 | 6 | 6 6 | ＊ | Yes | ${ }^{6}$ | 6 | No． | 6 6 |
| Monthly | ＇6 | $6{ }^{6}$ | 6 | 6 | ، | ، | 6 6 | Yes | 6 |
| Fortnightly． | Yes | ، 6 | 16 | ＇ | No． | No． | ＇6 | ، | ، |
| Fortnightly ． | ، | ، 6 | ＂ | No． |  | ＂ | ＇6 | No．．． | ＇6 |
| Weekly．．．． | No．． | ، | ＇6 | Yes | Yes | ＇6 | ＂ | Yes | ＇6 |
| Monthly | ＂ | ＂ | 6 | ＊ | No | ＇6 | ＂ | No | 6 |
| Monthly | Yes | ، | ＊ | 6 | Yes | ＂ | ، | Yes． | 6 6 |
| Monthly． | No | 6 | ＂ | ＇6 | No． | Yes．． | － | ＊ | 6 6 |
| Monthly．． | ＇6 | ＂ | Yes | ＊ | ＂ | ＂ | － | ، | 6 6 |
| Munthly． | ＇6 | ، | No． | ، 6 | ＂ | No | $\cdots$ | 6 | $\checkmark 6$ |
| Monthly | Yes | ＇6 | ، | ＊ | Yes．．． | Yes．． | ＊ | No． | 6 |
| Fortnightly | No．．．． | Yes | ${ }^{6}$ | No | No．． | No．．． | ، 6 | Yes．． | 6 6 |
| Weekly ．． | ＇6 | No． | ＇6 | Yes | Yes | ،6 | ＂＇ | ＂ | 6 6 |
| Weekly | ، 6 | ＂ | ＇، | ＂ | No | ＇6 | No．．． | No．． | 16 |
| Monthly | les | ＇، | ، 6 | ، | ＇ | ＇ | Yes．． | Yes． | ／6 |
| Fortnightly | No | ، | ، 6 | No． | ＂ | Yes． | ＂ | ${ }_{6}$ | ＂ |
| Monthly．．． | ، | ، | ، | Yes | Yes． | No．．． | No．． | No | ＊ |
| Monthly． | 6 | ＇6 | 6 6 | No． | No | Yes． | Yes． | Yes．． | 6 6 |
| Week！y． | ، | ${ }_{6}$ | ، | 6 | ＂ | No． | No．．． | No． | ، |
| Weekly | ، | ${ }_{6} 6$ | ، 6 | ${ }^{6 \prime}$ | 6 | ＇6 | Yes． | Yes． | ， |
| Weekly | ＇6 | ＇6 | ، | Yes | Yes | ＇6 | No | No． | ، 6 |
| Weekly | ، | 6 | ＇• | No． | No | Yes．． | Yes | Yes． | ، |
| Weekly | ＂ | ＇6 | ، | Yes | Yes． | No．． | No．． | No．． | ＇ |
| Weekly | ＇6 | ＇6 | 6 | No． | No． | ${ }^{6}$ | ＇ | 6 | ${ }^{6}$ |
| Weekly | 6 | ، | ، 6 | ＊ | 6 | ، 6 | ＇6 | ＂ | ＇6 |
| Fortnightly | ＂ | ＊ | ＊ | ＇ | ＂ | 6 | Yes． | Yes．． | 66 |

## WITH FAMILIES－Continued．

| Irregularly | Yes | No． | No． | No．．．．． | No．．．．． | No．． | No．．． | No．．． | No． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Irregularly | ＂ | 6 | 6 | 6، | ＂ | Yes．． | ＂ | Yes． | 6 |
| Weekly ．． | No．．．．． | 6 | ＂ | ＂ | 6 | No．． | ＂＇ | No．．． | ＇6 |
| Weekly | ， | ＊ | Yes ．．． | 6 | ${ }_{6}$ | ＇، | Yes． | Yes．． | ＇6 |
| Weekly．． | ${ }^{6}$ | ＂ | No．． | Yes | Yes．．．． | ＂ | ، | No．．． | Yes． |
| Irregularly． | ＂ | ／ | ＇s | No． | No． | 6 6 | ، 6 | ، 6 | No |
| Weekly．．． | 6 | 6 | ＇6 | ، | 6 | ＇6 | No．．． | ، | ＇6 |
| Weekly ． | ＊ | 6 | 6 6 | ، 6 | 16 | ＂ | Yes．． | ، 6 | ＇6 |
| Weekly | 16 | 6 | ＇6 | ، | ＇6 | ، | No．． | 6 | 6 |
| Weekly | ، 6 | 6 | ＂ | ＊ | ＂ 6 | 6 | Yes． | ＂ | ＂ |
| Weekly | ، 6 | ＇6 | ＇6 | 6 | ＇6 | ${ }_{6} 6$ | Yes．． | ＂ | ＇6 |
| Weekly | ＊ | 6 | 6 | ＇ | 6 |  | ＂، | ＂ | ＇6 |
| Weekly | ＂ | 6 | ＇6 | 6 | ＇ | ＊ | No． | Yes． | \％ |
| Irregularly | Yes．．． | 6 | ＇6 | ＇6 | ＂ | ＂ 6 |  |  | Yes |
| Weekly．．． | No．．． | ＂ | ＂ 6 | ＂ | ، | ＂ | No．．． | ＂ | Yes． |
| Weekly | ＂ | ＊ | ، | ＂ | ＂ | 16 | Y | ${ }^{\prime \prime}$ | No． |
| Weekly | ، | ＊ | 6 6 | ＂ | 1 ، | 16 | Yes．． | fes | ${ }^{6}$ |

LABORERS


LABORERS


TEAMSTERS

|  | Maine | Augusta. | 121.77 | 540 | - | 200 | 740 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Maine | Augusta | 121.62 | 488 | - |  | 488 |
|  | Maine | Bangor | 101.75 | 400 | - | - | 400 |
|  | Maine | Bangor | 101.50 | 327 | \$63 | - | 390 |
| 536 | Maine | Bangor | 101.50 | 395 |  | 182 | 577 |
| 647 | Maine | Bangor | 101.50 | 340 | 23 | - | 363 |
| 727 | Maine | Bangor | 101.50 | 435 | - | - | 435 |
| 840 | Maine | Bang | 101.50 | 420 | - | - | 420 |
| 948 | Main | Bath | 101.75 | 500 | - | - | 500 |
| 1046 | Main | Bath | 101.75 | 500 | - | - | 500 |
| 1138 | Maine | Bath | 101.75 | 490 |  |  | 490 |
| 1232 | Maine | Biddefor | 101.50 | 425 | - | 160 | 585 |
| 1331 | Ireland | Brewer . | 101.50 | 370 | - |  | . 370 |
| 1435 | Main | Saco | $10 \mid 1.25$ | 375 | - |  | 375 |
| 1525 | England | Waterville | 12.1 .33 | 384 | - | - | 384 |
| 1624 | Maine.. | Waterville | 121.50 | 375 |  | - | 375 |
| 17/36 | Maine | Gardiner | ${ }_{10} 1.50$ | 432 | - | - | 432 |

## WITH FAMILIES-Continued.

| Expenses. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \stackrel{\rightharpoonup}{8} \\ & \text { © } \end{aligned}$ |  |  | 莒 |  |  |  |  | 皆 |  |
| \$78 | \$234 | $\pm 65$ | \$35 | - | - | \$120 | \$532 | $\$ 58$ |  |
| - | 420 | 100 | 42 | - | - | 70 | 632 | 128 |  |
| 90 | 120 | 55 | 32 | - | - | 133 | 450 |  |  |
| 60 | 176 | 36 | 24 | $\$ 2$ | $\$ 8$ | 30 | 335 | 183 |  |
| 84 | $\% 00$ | 75 | 34 |  | - | 87 | 480 |  |  |
| - | 147 | 45 | 37 | 1 |  | 44 | 324 |  |  |
| 96 | 148 | 60 | 36 | - | - | 89 | 429 |  |  |
| 60 | 120 | 110 | 30 | 8 | - | 72 | 400 |  |  |
| - | 220 | 130 | 60 | - | - | 85 | 500 |  |  |
| 60 | 120 | 130 | 28 | 14 | - | 48 | 400 | 73 |  |
| Board.... | 260 | 70 | - | 10 | - | 80 | 420 |  |  |
| 100 | 800 | 200 | 50 | 30 | - | 107 | 987 |  |  |
| - | 100 | 45 | 45 | - | - | 125 | 315 |  |  |
| 48 | 140 | 36 | 35 | - | - | 30 | 289 | - | \$39 |
| 84 | 156 | 60 | 30 | - | - | 25 | 355 | 57 |  |
| 60 | $\bigcirc 00$ | 51. | 35 | -. | - | 37 | $3 \times 2$ |  |  |
| 60 | 200 | 41. | 31 | 24 | - | 10 | 365 | 53 |  |
| - | 284 | 167 | 41 | - | - | 42 | 534 |  |  |
| 60 | 1281 | 65 | 34 | - | - | 120 | 407 | - | 32 |

## WITHOUT FAMILIES.

| Board... | 156 | 50 | - | - | - | 94 | 300 | 30 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Buard.... | 182 | 30 | - | - | - | 60 | 272 | 68 |
| Board.... | 156 | 25 | - | - | - | 47 | 228 |  |
| Board.. | 156 | 30 | - | 12 | - | 64 | 262 |  |
| Board.... | 156 | 44 | - | 6 | - | 94 | 300 | - |
| Board.... | 182 | 30 | - | - | - | 38 | 250 |  |

WITH FAMILIES.

| 108 | 200 | 117 | 50 | - | - | 175 | 650 | 90 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 90 | 211 | 90 | 37 | 3 | 12 | 24 | 472 | 16 |
| 72 | 164 | 86 | 41 | 2 | - | 35 | 400 |  |
| 87 | 160 | 72 | 361 | - | - | 67 | 417 | - |
| 114 | 240 | 86 | 38 | 1 | - | 58 | 537 | 40 |
| - | 96 | $6{ }^{1}$ | 4. | 3 | 26 | 109 | 333 | 30 |
| - | 230 | 64 | 40 | 4 | - | 47 | 385 | 50 |
| - | 160 | 118 | 42 | 3 | - | 47 | 370 | 50 |
| - | 150 | 100 | 40 | - | - | 160 | 450 | 50 |
| 84 | 200 | 75 | 40 | 1 | - | 100 | 500 |  |
| - | 165 | 82 | 40 | 4 | - | 39 | 330 | 160 |
| 60 | 130 | 35 | 33 | 2 | - | 60 | 320 | 265 |
| - | 215 | 83 | 35 | 3 | - | 34 | 370 |  |
| 72 | 165 | 50 | 36 | 4 | 8 | 40 | 375 |  |
| 84 | 125 | 75 | 50 | - | - | 50 | 384 |  |
| 46 | 160 | 60 | 44 | - | - | 15 | 375 |  |
| 60 | 217 | 59 | 33 | - | - | 63 | 432 |  |

LABORERS


LABORERS

| 1 | - | 120 | 20 | 140 | - | - | .- | - | - | 1 | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | - | 90 | 21 | 111 | - | - | - | - | - | 1 | - | - |
| 3 | 48 | 105 | - | 153 | - | - | - | . | - | 1 | - | - |
| 4 | - | 52 | 43 | 9, | - | - | - | - | -- | 1 | - | - |
| 5 | - | 110 | 3 | 113 | - | - | - | - | - | 1 | - | .14 |
| 6 | 55 | 50 | - | 103 | - | - | - | - | -- | , |  |  |

TEAMSTERS


## WITH FAMILIES－Concluded．

| How often paid？ | 呂 0 0 0 0 0 $\vdots$ 0 0 0 0 0 0 0 0 |  |  |  |  |  |  | $\begin{aligned} & \text { Have you accumulated } \\ & \text { savings during past yr? } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | No． | No． | No． | No． | No．．．．． | No．．． | Yes | Yes． | No． |
| Weekly | ، | ＂ | ، | ، | ＂ | ＂ | ، | ＇＂ | ． |
| Weekly | ، | ＇6 | ، | ＇6 | ＇6 | ＂ | No． | No．．． | ＇6 |
| Weekly | ＂ | ＂ | ＂ | Yes．．．． | Yes | ＂ | Yes． | Yes | ＇6 |
| Weekly | ＇، | ＂ | ＊ | No． | No． | ＇، | No． | No．． | ＂ |
| Weekly | ＂ | ＂ | ＂ | ＂ | ، | ＂ | Yes． | ＇6 | ، |
| Weekly | ＂، | ＇، | ＂ | ＂ | ＇، | ＂ | No． | ＂ | 6 |
| Irregularly | Yes．．．． | ＂ | ＂ | ＇، | ＇6 | ＂ | ＂ | ＇ | ＇ |
| Irregularly | ＂ | ＂ | ＂ | ＇6 | ＇، | ＂ | ＂ | ＂ | ＂ |
| Irregularly | ، | ＂ | ، | ＂ | ＇6 | ＇، | ＇، | Yes． | ＇6 |
| Irregularly | ＂ | ＂ | ، | ، | ＊ | ، | ＂ | No．． | ＇6 |
| Irregularly ． | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | 6 | ＂ |
| Irregularly | ＂＇ | ＇، | ، | ＇، | ＇ | ＂ | Yes．． | ＂ | ＂ |
| Weekly ．．．． | No．．．． | ， | ／ | ، | ＂ | ＂ | No．． | ＂ | Yes． |
| Weekly | ＇6 | ＂ | ＂ | ＂ | ＇، | ＂ | Yes．． | Yes．． | No． |
| Weekly | ＂ | ＂ | ＂ | ＇، | ＂ | ＇ | No．．． | No． | ＂ |
| Weekly | ＂＂ | ＂ | ＂ | Yes．．．． | Yes．．．． | Yes．． | Yes．． | Yes．． | ＂ |
| Irregularly | Yes ．．． | ＂ | ＂ | No． | No． | No．． | ＂ | No．．． | ＂ |
| Fortnightly | ، | ، | ＂ | ＂ | ، | ＂ | No． | c | Yes． |

## WITHOUT FAMILIES－Concluded．



## WITH FAMILIES－Concluded．



TEAMSTERS

|  |  | Where born. | Present residence. |  |  | Earnings. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{\|c} \dot{80} \\ 8 \end{array}$ |  |  |  |  |  |  |  | 或 |
|  | 122 | Maine.... | Bangor. | 10 | 1.50 | \$306 | - | - | \$306 |
|  | 228 | Maine .... | Belfast. | 10 | 1.50 | 360 | - | - | 360 |
|  | 335 | Maine | Belfast | 10 | 1.25 | 350 | .. | - | 350 |
|  | 438 | Maine. | Biddeford | 10 | 1.50 | 450 | - | - | 450 |
|  | 540 | Maine.......... | Kennebunk. | 12 | 1.58 | 482 | - | - | 482 |
|  | 635 | Maine | Lewiston. |  | 1.50 | 474 | - | - | 474 |

BARBERS


## BARBERS


*HOSTLERS

|  | Ireland | Augusta | 151.00 | 335 | - | - | 35 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 222 | Maine | Bath | 141.40 | 490 | - | - | 90 |
| 330 | Main | Biddeford | 131.28 | 440 | - | - | 440 |
| 430 | Maine | Gardine | 1411.70 | 520 | - | - | 520 |
| 534 | Main | Waterville | 141.00 | 330 | - |  | 330 |
| 639 | Canada | Waterville | 151.00 | 365 |  |  | 365 |
| $7{ }^{7} 4$ | Canad | Waterville | 151.00 | 345 |  |  |  |

*Work seven days in week.

## WITHOUT FAMILIES．

| Expenses． |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \stackrel{\rightharpoonup}{0} \\ & \text { a } \end{aligned}$ |  |  |  |  |  | 成吕 | － | 宫 | \＃ ¢ ® A |
| Board． | \＄182 | \＄54 | － | － | － | \＄70 | \＄306 |  |  |
| Board． | 156 | 25 | － | － | － | 179 | 360 |  |  |
| Board． | 182 | 60 | － | － | － | 58 | 300 | \＄50 |  |
| Board． | 182 | 35 | － | － | － | 75 | 292 | 158 |  |
| Board． | $18 \%$ | 35 | － | － | － | 25 | 242 | 240 |  |
| Buard． | 208 | 30 | － | － | － | 70 | 308 | 166 |  |

## WITH FAMILIES．

| 96 | 208 | 140 | \＄14 | \＄5 | \＄11 | 96 | ${ }^{600}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 t | 130 | 60 | 40 | － | 14 | 80 | 420 | 30 |
| 120 | 12.5 | 80 | 47 | － | － | 48 | 420 | 100 |
| 78 | 140 | 70 | 45 | － | － | 167 | 500 | 100 |
| 96 | 150 | 7. | 40 | 6 | 14 | 69 | 450 |  |
| 7\％ | 170 | 40 | 31 | 3 | 12 | 32 | 360 |  |
| 96 | 160 | 120 | 45 | 4 | － | 50 | 475 | 125 |
| 84 | 185 | 90 | 42 | － | － | 80 | 481 | 119 |
|  | 240 | 100 | 46 | 7 | 27 | 150 | 570 | 30 |

## WITHOUT FAMILIES．

| Board．．．． | 208 | 79 | - | - | - | 83 | 370 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Board．．．． | 182 | 50 | - | - | - | 143 | 375 |
| Board．．．． | 234 | 125 | - | - | - | 121 | 480 |
| Board．．．． | 182 | 48 | - | - | - | 66 | 300 |
| Board．．．． | 208 | 85 | - | 4 | - | 20 |  |

## WITH FAMILIES．

| 84 | 200 | 64 | 38 | － | － | 14 | 400 | － | \＄65 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 72 | 200 | 45 | 42 | － | － | 81 | 440 | 50 |  |
| 72 | 165 | 40 | 35 | － | － | 100 | 412 | 28 |  |
| 96 | 220 | 90 | 33 | － | － | 21 | 460 | 60 |  |
| 60 | 150 | 60 | 30 | － | － | 30 | 330 |  |  |
| 72 | 165 | 62 | 36 | － | － | 30 | 365 |  |  |
| 60 | 182） | 64 | 36 | － | － | 28 | 370 | － | 25 |

TEAMSTERS


## BARBERS

| 1 | - | - | 5 | 5 | - | - | - | - | 3 | 1 | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | - | - | 5 | 5 | - | - | - | - | 2 | 1 | - | - |
| 3 | - | - | - |  | - | - | - | - | 3 | 1 | - | - |
| 4 | - | - | 5 | 5 | - | - | - | - | 2 | 1 | - | - |
| 5 | 5 | - | - | 5 | - | - | - | - | 3 | 1 | - | - |
| 6 | - | 90 | - | 90 | - | - | - | - | 5 | 1 | - | - |
| 7 | - | - | 5 | 5 | - | - | - | - | 3 | 1 | - | - |
| 8 | - | - | $\varepsilon$ | 5 | - | - | - | - | 4 | 1 | - | - |
| 9 | 2 | - | 3 | 5 | 1 | \$1,800 | \$150 | . 06 | 4 | 1 | - | - |

BARBERS

| 1 | 4 | - | 19 | 23 | - | - | - | - | - | 1 | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | - | - | 5 | 5 | - | - | - | - | - | ] | - | - |
| 3 | 4 | - | 61 | 65 | - | - | - | - | - | 1 | - | - |
| 4 | 25 | 40 | - | 65 | - | - | - | - | - | 1 | - | - |
| 5 | - |  | 38 | 3 S |  | - | - | - | - | ] | . 17 | - |

HOSTLERS


WITHOUT FAMILIES—Concluded．

| How often paid？ |  |  |  |  |  |  | Have you accum＇l＇t＇d sav－ ings during former yrs？ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | No．．．． | No． | No． | No．．．． | No．．．．． | No． | No．． | No．．． | No． |
| Weekly | ， | ＂ | ＂ | ， | ＂ | ＂ | ＂ | ＂ | ، |
| Monthly | ＇ | ، | ＂ | ، | ، | ＂ | Yes．． | Yes．． | ＂ |
| Weekly | \％ | ＂ | ＂ | ＂ | ＂ | Yes | ＂ | ＇ | ＂ |
| Monthly | ، | ＂ | ＂ | ، | ＇6 | ＂ | ＂ | ＇، | ، |
| Weekly．．．． | ＇ | ، | ، | ، | ، | No． | No． | ＇ | ، |

## WITH FAMILIES－Concluded．

| Weekly | No． | No． | No． | Yes | Yes．．．． | No．． | Yes．． | No． | No． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | ＊ | ＊＊ | ، 6 | No． | No．．．．． | c | ${ }_{6}$ | Yes．． | 66 |
| Weekly | ${ }^{6}$ | 6 | ، | 66 | ＂ | 6 | 6 | 6 | 6 |
| Weekly | ． 6 | 6 | ＇، | ، | ＂ | ＇6 | 6 | ＇f | 6 |
| Weekly | ／6 | ＂ | Yes | Yes．．．． | Yes．．．． | 6 | No．．． | No．． | ＇6 |
| Weekly | 66 | 6 6 | No．．．．． | 6 | 6 | ＂ 6 | Yes．． | ＂ | ＇${ }^{\prime}$ |
| Weekly | 66 | ، | Yes | No． | No．．．．． | Yes．． | 6 | Yes． | 6 |
| Weekly | 6 | 6 | No | ،6 | 6 | ${ }^{6}$ | ＇6 | ＂ | ＊ |
| Weekly | 66 | 6. | ، | Yes． | Yes． | No． | 6 | ، | ${ }^{6}$ |

## WITHOUT FAMILIES－Concluded．

| Weekly | No． | No． | ${ }_{1} \mathrm{~N}$ | No | No． | No． | Yes． | Yes | No． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | ＂ | ， | ، | ، | ＂ | ＇6 | ＂ | ＂ | ، |
| Weekly | ＂ | ، 6 |  | 6 | ${ }^{6}$ | ＇ | No．．． | No． | 6 |
| Weekly | ＇6 | ، 6 | es | ＂ | ، | ${ }^{6}$ | ＂ | Yes | ${ }^{6}$ |
| Weekly | ＇6 | －6 | No． | Yes | ، | ، | ، | No． | ＊ |

## WITH FAMILIES－Concluded．



STEVEDORES

|  |  | Where born. | Present residence. |  |  | Earinings. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\dot{8}$ |  |  |  |  |  |  |  |  |
|  | 132 | Maine | Bath | 10 | 4.50 |  | \$83 |  | \$183 |
|  | 228 | Maine | Bath | 10 | 4.00 | 650 | - | - | 650 |
|  | 327 | Maine | Bath | 10 | 3.00 | 600 | - | - | 600 |
|  | 439 | Maine | Bangor.. | 10 | 3.00 | 576 | - | - | 576 |
|  | 537 | Maine | Biddeford | 10 | 2.00 | 290 |  | \$310 | 600 |
|  | 625 | Maine . | Hallowell . . . . . |  | 3.50 | 175 | 168 | - | 343 |

STEVEDORES


HARNESS MAKERS

| 125 | Maine | Augusta. | 102.50 | 700 | - | - | 700 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 230 | Maine | Augusta. | 102.50 | 600 | - | 25 | 625 |
| 3.50 | [reland | Augusta. | 102.00 | 574 |  |  | 574 |
| 4.26 | Maine | Augusta. | 102.00 | 572 | - |  | 572 |
| 532 | Maine | Augusta. | 102.00 | 575 | - | 208 | 783 |
| 635 | Canada | Augusta | 101.67 | 440 | - |  | 440 |
| 740 | Maine | Augusta | 101.50 | 396 | 96 | 40 | 532 |
| 845 | New Hampshire | tugusta | 101.50 | 400 | - | 200 | 600 |
| 940 | Maine . | Augusta | 101.33 | 200 | - | 100 | 300 |
| $10 \cdot 28$ | Canada | Augusta | 101.25 | 350 | - | - | 350 |

HARNESS MAKERS

| 120 | M | Augusta | 102.00 | ${ }^{501}$ | - | - | 500 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 222 | Maine | Augusta | 101.50 | 350 | - | - | 350 |
| 320 | Maine | Augusta | 101.50 | 396 | - | - | 396 |
| 422 | Maine | Augusta | 101.17 | 280 | - | - | 280 |
| $5 \mid 17$ | Maine | Augusta. | 101.17 | 273 | - | - | 273 |

## WITH FAMILIES.



WITHOUT FAMILIES.

| Board.... | 234 | 150 | - | - | - | 141 |
| :--- | :--- | ---: | :--- | :--- | :--- | :--- |
| Board... | 182 | $70 \mid$ | - | - | 525 | 75 |

WITH FAMILIES.

| 72 | 175 | 75 | 48 | \$5 | - | 25 | 400 | 300 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 132 | 200 | 70 | 45 | - | - | 30 | 477 | 148 |
| 72 | 300 | 125 | 38 | 15 | - | 24 | 574 |  |
| 100 | 135 | 65 | 40 | - | - | 35 | 375 | 197 |
| Board.... | 390 | 50 | - | 7 | \$13 | 48 | 608 | 275 |
| - | 175 | 100 | 33 | - | - | 92 | 400 | 40 |
| 84 | 250 | 62 | 40 | - | - | 50 | 486 | 46 |
| 72 | 250 | 110 | 40 | - | - | 78 | 550 | 50 |
| - | 150 | 60 | 20 | - | - | 70 | 300 |  |
| 72 | 200 | 64 | 34 | - | - | 30 | 400 | - |

## WITHOUT FAMILIES.

| Board.... | 182 | 100 | - | - | - | 100 | 382 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Board... | 182 | 38 | - | -4 | - | 26 | 250 |
| Board... | 182 | 68 | - | - | - | 146 | 396 |
| Board... | 182 | 38 | - | - | - | 6 | 230 |
| Board... | 182 | 48 | - | - | - | 60 |  |

STEVEDORES


STEVEDORES


HARNESS MAKERS

| 1 | 5 | 20 | - | 25 | - | - | - | - | 3 | 1 | - |
| ---: | ---: | ---: | ---: | ---: | ---: | :--- | :--- | :--- | :--- | :--- | :--- |
| 2 | 30 | -1 | 35 | 65 | - | - | - | - | 4 | 2 | - |
| 3 | - | 18 | - | 18 | - | - | - | - | 6 | 1 | - |
| 4 | - | 19 | - | 19 | - | - | - | - | 2 | 1 | - |
| 5 | - | 16 | - | 16 | - | - | - | - | 3 | 2 | - |
| 6 | 25 | -6 | 16 | 41 | -1 | $\$ 1,200$ | $\$ 900$ | -07 | 7 | 1 | - |
| 7 | - | 41 | - | 41 | - | - | - | - | 5 | 2 | - |
| 8 | 15 | 23 | - | 38 | - | - | - | - | 4 | 2 | - |
| 9 | - | 155 | - | 155 | -1 | 400 | - | - | 3 | 2 | - |
| 10 | 20 | 20 | - | 22 | - | - | - | - | 5 | 1 | - |

HARNESS MAKERS

| $\mathbf{1}$ | - | 30 | 25 | 55 | - | - | - | - | - | 1 | - |
| ---: | ---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\mathbf{2}$ | 61 | 11 | - | 72 | - | - | - | - | - | 1 | - |
| $\mathbf{3}$ | - | 40 | 1 | 41 | - | - | - | - | - | 1 | $.12 \frac{1}{2}$ |
| $\mathbf{4}$ | 17 | 49 | - | 66 | - | - | - | - | - | 1 | - |
| 5 | - | 67 | 6 | 73 | - | - | - | - | - | - | 1 |

## WITH FAMILIES-Concluded.

| How often paid? |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Irregularly | No. | No..... | No.... | No..... | No..... | No.. | Yes.. | Yes.. | No. |
| Irregularly |  | ، 6 | ، | ${ }_{6} 6$ | 6 | 6 | ، | 6 | ، |
| Weekly | ، | 6 | 6 | 6 | 6 6 | 6 | 6 | ' 6 | 16 |
| Irregularly.. | ، | '6 | * | 6 | 6 6 | '6 | " ${ }^{6}$ | No... | Yes. |
| Irregularly . | es | ، | '6 | 6 | 66 | 6 | No.. | ، | * |
| Irregularly | No. | '، | ' | ، | 66 | 6 | 6 | '6 | No. |

## WITHOU'T FAMILIES-Concluded.



## WITH FAMILIES-Concluded.

| Weekly | No. | No. | Yes | No.... | No..... | No... ${ }^{\text {No. }}$ | Yes.. | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | 6، | , | No..... | 66 | '6 | Yes.. Yes. | ، | 6 |
| Weekly ...... | ، | ${ }^{6}$ | \% | 6 | 6 | No... No.. | No... | 's |
| Weekly | 6 | ${ }_{6} 6$ | ' | " | 6 6 | Yes.. Yes. | Yes.. | " |
| Weekly ........ | * | 6 | Yes....- | 6 | Yes. | No... No. | ، | " |
| Weekly | * 6 | ، 6 | No..... | ، | No. | " Yes. | " | 6 |
| Weekly | 6 | 6 | '6 | 6 | 6 | Yes.. | 66 | ، 6 |
| Weekly | '6 | ، | '6 | 6 | ' | " ${ }^{\text {6 }}$ | 6 6 | '6 |
| Fortnightly. | Yes | 6 | ${ }_{6}$ | ، | * | No.. ${ }^{\text {No... }}$ | No... | ، |
| Weekly . | No... | ، | " | " | " | ، | '6 | Yes. |

## WITHOUT FAMILIES-Concluded.

| Weekly | No. | No... | No. | No. | No. | Yes. | No. | Yes | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | , 6 | © | Yes | - 6 | * | No. | ${ }_{6}$ | " |  |
| Weekly | ${ }^{6}$ | 6 | No..... | ${ }^{6}$ | ، | " | 6 | No.. |  |
| Weekly | 6 | * | Yes | '6 | " | " | ' | Yes. |  |
| Weekly | ، | " | No.... | * | ' | '6 | , " | No. |  |


|  | $\left\lvert\, \begin{aligned} & 9 \\ & 80 \\ & 80 \end{aligned}\right.$ | Where born. | Present residence. | Position. |  |  |  | Earn <br>  | ings. <br> E 0 0 0 $\stackrel{\infty}{0}$ <br> 킁를 <br> 保 | $\begin{aligned} & \dot{\mathbf{j}} \\ & \text { 불 } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Canada | Saco | Foreman. |  | 2.50 | \$350 | \$100 |  | \$450 |
|  | 232 | Maine | Saco. | Engineer |  | 1.75 | 210 | 200 | - | 410 |
|  | 31:6 | Maine | Brewer | On bank |  | 1.50 | 180 | 145 | - | 325 |
|  | 4.28 | Ireland | Bangor | On bank |  | 1.50 | 132 | 180 | - | 312 |
|  | 510 | Canada | Saco | On bank |  | 1.50 | 180 | 75 | - | 255 |
|  | 624 | Canada | Bango | On bank |  | 1.50 | 144 | 132 | - | 276 |
|  | 730 | Maine | Saco | Sander. |  | 1.75 | 2 60 | - | - | 260 |
|  | \& 27 | Canada | Biddeford | Setter |  | 2.00 | 300 | 100 | ... | 400 |
|  | 934 | Canada | Brewer.. | -triker |  | 1.75 | 200 | 150 | - |  |
|  | 10.22 | Canada | Brewer.. .. | Striker |  | 1.75 | 180 | 150 | - | 330 |
|  | 1135 | Canada | Biddeford | Striker |  | 1.50 | 230 |  | - | 230 |
|  | 1234 | Canada | Brewer.. | Wheeler |  | 1.75 | 200 | 225 | - | 425 |
|  | 1331 | Maine | Bangor | Wh heeler |  | 1.75 | 168 | 126 | - |  |
|  | 1432 | Canada | Saco | Wheeler |  | 1.55 | 250 | 60 | - | 310 |
|  | 15134 | Canada | Saco. | Burner |  | 1.50 | 225 | 75 | - | 300 |

RAILROAD

|  | New Hampshire. | Waterville | Foreman car | 103.501 | 075 | - |  | 1075 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 258 | Maine | Waterville .. | Machinist. | 102.55 | 663 | - |  | 663 |
| 356 | Maine | Waterville | Machin | 102.50 | 775 | - |  | 775 |
| 442 | Maine | W a terville | Machinist | 102.50 | 780 | - | \$350 | 1130 |
| 543 | Maine | Waterville | Machini | 102.50 | 780 | - |  | 780 |
| 6.76 | Maine | Waterville | Machinis | 102.25 | 450 | - |  | 450 |
| 767 | Maine | Waterville | Machinist | 102.25 | 500 | - |  | 500 |
| 840 | Maine | Waterville | Machinist | 101.75 | 500 | - | 100 | 600 |
| 928 | Canada | Waterville | Tool make | 102.50 | 675 | - |  | 675 |
| 1056 | Connecticut | Waterville | Pattern mak | 103.00 | 840 | - | 400 | 1240 |
| 1124 | Maine | Waterville | Blacksmit | 101.50 | 375 | - |  | 375 |
| 1233 | Maine | Witerville | Weod worke | 101.50 | 380 |  |  | 380 |
| 1335 | Maine | Waterville | Wood worke | 101.50 | 386 |  | 30 | 436 |
| $143 \times$ | Maine | Waterville | Wood worke | 161.40 | 280 | 45 |  | 325 |
| 1543 | Canada | Watervillo | Wood worke | 101.40 | 283 |  | 250 | 533 |
| 1649 | Maine | Waterville | Wood worker | 101.40 | 385 | - |  | 385 |
| 1722 | Canada | Waterville | Wood worker | 101.40 | 350 | - |  | 350 |
| 18.22 | Maine | Waterville | Wood worker | 101.40 | 350 | - |  | 350 |
| 1925 | Main | Waterville | Painter | 1011.90 | 494 | - |  | 494 |
| 20.48 | Maine | Waterville | Paint | 101.75 | 400 | - | 150 | 550 |
| 2144 | Maine | Waterville | Conduc |  | 770 |  |  | 770 |
| 2245 | Maine | Waterville | Conduct | 112.75 | 840 |  |  | 1140 |
| $23 \mid 40$ | Maine | Waterville | Engineer | 1022.50 | 780 | - |  | 780 |
| 24.23 | Maine | Waterville | Engineer | 102.50 | 775 | - |  | 775 |
| 25.25 | Maine | Waterville | Fireman | 102.10 | 525 | - |  | 525 |
| 26.33 | Maine | Waterville | Fireman | 102.10 | 530 | - |  | 530 |
| 2722 | Maine | Waterville | Fireman | 102.10 | 650 | - |  | 650 |
| 28.25 | Canada | Waterville | Brakeman | 101.7 ? | 525 | - |  | 525 |
| 2935 | Canada | Watervillo | Brakeman | 101.73 | 500 | - |  | 500 |
| 30.28 | Canada | Fairfield | Brakeman | 1011.73 | 400 | - | - | 400 |
| 3126 | Canada | Fairfield | Brakeman | 101.73 | 450 | - | - | 450 |

## MAKERS.

| Expenses. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ذ | \% | $\begin{aligned} & \dot{80} \\ & \stackrel{y}{\tilde{a}} \\ & \stackrel{0}{0} \end{aligned}$ |  | $\begin{aligned} & \dot{\infty} \\ & \stackrel{0}{8} \\ & 0 \\ & \stackrel{\rightharpoonup}{0} \\ & \stackrel{\oplus}{0} \\ & 0 \\ & 0 \end{aligned}$ |  |  | - |  | 䔍 ¢ |
| Board. | \$156 | \$50 | - | - | - | \$100 | \$306 | \$144 |  |
| Board.. | 182 | 60 | - | - | - | 68 | 310 | 100 |  |
| \$60 | 150 | 37 | \$39 | - | - | 39 | 325 |  |  |
| 66 | 126 | 45 | 34 | - | - | 42 | 312 |  |  |
| Board.... | 156 | 25 | - | - | - | 25 | 206 | 49 |  |
| Board . | 156 | 68 | - | - | - | 52 | 276 |  |  |
| Board.... | 156 | 30 | - | - | - | 74 | 260 |  |  |
| 66 | 200 | 40 | 34 | - | - | 60 | 400 |  |  |
| Board.... | 182 | 45 | - | - | - | 73 | 300 | 50 |  |
| Board ... | 156 | 75 | - | - | - | 59 | 290 | 40 |  |
| Board.... | 156 | 20 | - | - | - | 54 | 230 |  |  |
| - | 160 | 90 | 36 | \$13 | - | 36 | 335 | 90 |  |
| Board ... | 156 | 32 | - | - | - | 56 | 244 | 50 |  |
| Board... | 156 | 30 | - | - | - | 44 | 230 | 80 |  |
| Board.... | 156 | 20 | - | - | - | 124 | 300 |  |  |

## HANDS.

| 2401 | 200 | 100 | 60 | 15 | 45 | 40 | 700 | 375 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 120 | 260 | 105 | 62 | 11 | 34 | 71 | 663 |  |  |
| - | 150 | 125 | 65 | 11 | 19 | 80 | 450 | 325 |  |
| - | 300 | 180 | 65 | 13 | 17 | 100 | 675 | 455 |  |
| 125 | 300 | 130 | 45 | 13 | 17 | 70 | 700 | 80 |  |
| - | 175 | 75 | 45 | 5 | 35 | 115 | 450 |  |  |
| 120 | 250 | 100 | 60 | 11 | - | 59 | 600 | - | $\$ 100$ |
| , | 325 | 150 | 50 | - | - | 75 | 600 |  |  |
| 100 | 200 | 100 | 5 | 11 | 29 | 35 | 525 | 150 |  |
| 200 | 300 | 200 | 70 | - | - | 130 | 900 | 340 |  |
| 96 | 175 | 60 | 44 | - | 15 | 60 | 450 | - | 75 |
| 72 | 125 | 78 | 35 | - | - | 70 | 380 |  |  |
| 72 | 160 | 86 | 48 | 8 | - | 40 | 414 | 22 |  |
| 120 | 200 | 50 | 35 | - | - | 20 | 425 | - | 100 |
| 96 | 258 | 92 | 58 | 11 | - | 30 | 545 | - | 12 |
| 96 | 215 | 59 | 37 | - | - | 18 | 425 | - | 40 |
| Board.... | 156 | 64 | - | - | , | 130 | 3.0 | - |  |
| Board. . . | 182 | 4 f | - | 4 | 10 | 40 | $2 \times 2$ | 68 |  |
| 150 | 150 | 100 | 40 | - | - | 54 | 494 |  |  |
| 120 | 230 | 80 | 30 | 6 | 14 | 20 | 500 | 50 |  |
| 120 | 325 | 130 | 50 | 22 | 28 | 25 | 700 | 70 |  |
| 150 | 375 | 175 | 65 | 22 | 43 | 70 | 900 | 240 |  |
| 130 | 275 | 165 | 55 | 13 | 37 | 25 | 700 | 80 |  |
| 150 | 135 | 85 | 45 | 11 | 15 | 59 | 500 | 275 |  |
| Board.... | 416 | 65 | - | 8 | 14 ' | 22 | 525 |  |  |
| 100 | 250 | 125 | 46 | 8 | 14 | 57 | 600 | - | 70 |
| 150 | 150 | 100 | 50 | 11 | 49 | 15 | 625 | 125 |  |
| 48 | 220 | 125 | 42 | 15 | - | 75 | 525 |  |  |
| 60 | 260 | 85 | 38 | 7 | - | 50 | 500 |  |  |
| - | 140 | 40 | 40 | - | - | 240 | 460 | - | 60 |
| Board ... | 225 | 90 | - | 11 | - | 74 | 400 | 50 |  |

BRICK


RAILROAD








|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

$11,1111,111111111111111111111111$ $11111,1,1$





MAKERS-Concluded.

| How often paid? |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | No.... | No. | No. | No. | No. | No.. | Yes.. | Yes.. | No. |
| Weekly | ". | ، | ، | ، | ، | " |  | ، | , 6 |
| Monthly.. | Yes... | ، | ، | " | " | ، | No.. | No.. | ، |
| Monthly . | No.... | ، | " | " | " | " | Yes. | " | ، |
| Weekly | ، | " | " | '6 | " | ، | " | Yes. | " |
| Monthly. | " | " | " | ' | ، | '6 | No... | No. | " |
| Weekly | '، | " | ، | " | '6 | " | '، | " | " |
| Monthly | Yes... | " | " | " | ، | " | '6 | '، | " |
| Irregularly.. | No. | " | '6 | ، | ، | Yes.. | Yes.. | Y'es.. | / |
| Monthly | " | " | '6 | ، | ، | " | " | " | " |
| Monthly | " | '6 | " | " | " | No... | No | No... | '6 |
| Irregularly | " | " | 16 | '6 | " | " | Yes.. | Yes.. | " |
| Monthly . | " | " | ، | " | " | " | " | ، | " |
| Monthly | " | " | " | ، | " | '، | " | " | '6 |
| Weekly .. | ، | ، | ' | '، | ، | , | No. | No... | ، ${ }^{\prime}$ |

## HANDS-Continued.



RAILROAD


HANDS-Continued.


RAILROAD


## HANDS—Concluded．

| How often paid？ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Monthly． | Yes．．．． | Yes．．．． | Yes．．．． | Yes．．．． | Yes． | No | No．． | Yes．． | No． |
| Monthly．． | ، | ＂ | ＂ | ＂ | ＂ | Yes． | Yes． | － | ＇، |
| Monthly | ، | 6 | ＂ | ＂${ }^{6}$ | ＇، | ＇ | ＇＂ | ＇6 | ＂ |
| Monthly． | ، | ＂ | ＂ | No． | ＂ | No．．． | No．．． | No．．． | Yes． |
| Monthly． | ＂ | ، | ＂ | Yes | ＂ | ، | ＂ | ＂ | No． |
| Monthly | ＂ | ＂ | ＂ | ＇＊ | ＂${ }^{\prime \prime}$ | Yes． | Yes．． | ＇6 | Yes． |
| Monthly． | ＇6 | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | Yes．． |  |
| Monthly．． | ＂ | ، | ＂ | ، | ＂ | No．． | No．．． | －＂ | o． |
| Monthly． | ＂＇ | ＂ 6 | ＂ | No． | No． | Ye．．． | Ye．．． | Yes．． | \％ |
| Monthly．． | ＂ | ＂، | No．．．． | No． | No． | Yes． | Yes． | Yes．． |  |
| Monthly．． | ＂ | ＂، | No．．．．． | ＂ | ＂${ }^{6}$ | N0．．． | ، | No．． | ، |
| Monthly．． | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＇6 | ، | Yes． |
| Monthly． | ＂ | ＂＇ | ، | ＇6 | ＂ | ＂ | No | ، | ， |
| Monthly | ＂ | ＂ | Yes | ، | Yes．．．． | ＂ | Yes． | ＂ | ، |
| Monthly | ، | ＂ | No．．．．． | ＂ | No．．．．． | ＂ | ＇6 | Yes． | No． |
| Monthly． | ＂ | ＇، | ＂ | ＂ | ＂ | ＂ | ، | ، | ＂ |
| Monthly | ، | No．．．． | ＂ | Yes． | Yes． | Yes．． | ＂ | No．． | ＂ |
| Monthly．． | ＂ | Yes | Yes．．． | ＂ | ＇＂ | No． | ＇6 | Yes．． | ＊ |
| Weekly ．．．． | No | No． | No． | No． | No．．．．． | ＇＂ | ＂ | ＂ | ، |
| Weekly | ＂ | ＂ | ＂ |  | ＇، | ＇＂ | ＂ | ＂ |  |
| Monthly | ＂ | ＇ | ＂ | ＂ | ＂ | Yes．． | ${ }^{\prime}$ | ＂ |  |
| Monthly | ＇${ }^{\prime}$ | ＇6 | ＇6 | ＂ | ＂${ }^{\prime}$ | No．．． | No． | ＇＂ |  |
| Monthly．．． | Yes． | Yes．．．． | ＂ | ＂ | ＂ | ＂＇ | Yes． | No．． | Yes． |
| Monthly．． | ＂ | ＇، | ＂ | ＊ |  |  | No． |  | No |
| Monthly．． | ＂ | ＂ | ، 6 | ، | ＂ | ＇، | ＂ | Yes |  |
| Monthly．． | ＂ | ＂ | ، | ， | ＂ | ＂ |  | No． |  |
| Monthly | ＂ | ＂ |  |  | ＂＇ | ＂ | ، ${ }^{\prime}$ | Yes | ＂ |
| Monthly． | ＂6 | ＂＇ |  |  | ＂ | ＂ | Yes | ، | ＂ |
| Monthly． | ＂ | ＂ | ＂ | ، | ＂ | ، | No | ＂ | ＂ |
| Monthly |  | ＂ | ، | ، | ، | ＂ | Yes | ، | ＂ |
| Monthly | No． | ＂ | Yes． | Yes． | Yes | ＇ | ، | ＂ | ＇، |
| Monthly | Yes． | ＂ | ، | No． | No． | ＂ | No． | ، | ، |
| Monthly． |  | ＂ | ＂ | ＂، | ＇ | Yes．． | Yes． | ＇6 | ＇ |
| Montbly | ، | ＇6 | No． | ، | ＇ | No | ＇، | ＇ | ／ |
| Monthly | ＇6 | ＂ | Yes．．．． | Yes．． | Yes．．．． | Yes．． | ＂ | ＂＇ | 6 |
| Montbly | ، | ، | No． | No．．．．． | No．．．．． | No．．． | No．．． | No． | ＇＂ |
| Monthly． | ＇6 | ، |  |  | ، | ＂ | Yes． | ＇6 | Yes． |
| Fortnightly | \％ | No． | ＂ | ／ | ＂، | Yes | ＂＇ | Yes |  |
| Monthly．．． | ， | Yes | 6 |  | ＇ | No． |  |  |  |

## ICE



MEN.

| Expenses. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \dot{\ddot{\square}} \\ & \text { ※ } \end{aligned}$ | 安 | $\begin{aligned} & 80 \\ & . \underset{\sim}{d} \\ & \stackrel{0}{0} \end{aligned}$ |  | $\begin{aligned} & \infty \\ & \stackrel{\infty}{0} \\ & \text { B } \\ & \stackrel{\rightharpoonup}{0} \\ & \stackrel{0}{8} \\ & 0 \end{aligned}$ | $\begin{aligned} . \dot{0} \\ \hline \end{aligned}$ |  |  |  |  |
| - | \$260 | \$123 | \$47 | \$3 | - | \$47 | \$480 |  |  |
| \$125 | 180 | 65 | 38 | 4 | \$68 | 20 | 500 |  |  |
| - | 156 | 70 | 36 | $\stackrel{1}{2}$ | - | 55 | 319 | \$30 |  |
| 60 | 170 | 55 | 34 | 1 | - | 40 | 360 | - | \$65 |
| - | 185 | 63 | 38 | - | - | 39 | 325 |  |  |
| - 30 | 130 | 38 | 40 | - | - | 75 | 283 | 52 |  |
| 30 | 135 | 42 | 30 | - | - | 20 | 257 | 99 |  |
| Board.... | 195 | 38 | - | - | - | 170 | 403 | - | 55 |
| Board.... | 182 | 50 | - | - | - | 126 | 358 |  |  |
| Board.... | 156 | 40 | - | - | - | 35 | 231 |  |  |
| Board.... | 156 | 23 | - | - | - | 157 | 336 |  |  |
|  | 175 | 56 | 34 | - | - | 44. | 309 | 38 |  |
| - | 243 | 78 | 34 | - | - | 25 | 380 |  |  |
| 78 | 153 | 65 | 32 | - | - | 113 | 441 |  |  |
| 66 | 182 | 40 | 34 | - | - | 46 | 368 |  |  |
| - | 260 | 42 | 36 | - | - | 30 | 308 | 32 |  |
| 60 | 162 | 45 | 38 | - | - | 52 | 357 |  |  |
| 30. | 112 | 46 | 33 | - | - | 32 | 253 | 40 |  |
| Board. . | 180 | 75 | - | - | - | 118 | 373 | 50 |  |
| Boar 78 | 135 | a 2 | 33 | - | - | 62 | 360 |  |  |
| Board.... | 175 | 50 | - | - | - | 139 | 364 |  |  |
| Board.... | 182 | 40 | - | - | - | 15 | 237 | 74 |  |
| Board. .. | 182 | 46 | - | - | - | 25 | 253 |  |  |
| Board.... | 130 | 56 | - | - | - | 36 | 222 | 30 |  |
| Board. | 182 | 37 | - | - | - | 38 | 257 |  |  |
| Board. . | 130 | 26 | - | - | - | 60 | 216 |  |  |
| Board.... | 182 | 40 | - | - | - | 70 | 292 |  |  |
| - | 105 | 45 | 38 | - | - | 125 | 213 | 385 |  |
| 48 | 215 | 38 | 35 | - | - | 60 | 396 | - | 46 |
| 60 | 285 | 220 | 38 | - | - | 72 | 675 | 75 |  |
| 24 | 128 | 38 | 42 | - | - | 34 | 266 | 118 |  |
| 60 | 335 | 50 | 33 | - | - | 42 | 420 |  |  |
| Board.... | 182 | 84 | - | 2 | -. | 39. | 307 | 22 |  |
| - | 125 | 30 | 36 | 6 | 13 | 35 | 245 |  |  |
| 24 | 156 | 46 | 32 | - | - | 49 | 307 |  |  |
| - | 140 | 85 | 47 | - | - | 96. | 368 |  |  |
| 96 | 135 | 46 | 42 | 3 | - | 138 | 460 | 40 |  |
| 60 | 125 | 30 | 35 | - | - | 64 | 314 | - | 48 |
| 120 | 267 | 84 | 38 | - | - | 123 | 632 | - | 18 |
| 96 | 185 | 45 | 37 | $\sim$ | - |  | 409 |  | 5 |
| - | 156 | 30 | 28 | - | - | 70 | 284 | 76 |  |
| - | 180 | 35 | 33 | 1 | - | 50 | 299 | 2 |  |
| 78 | 160 | 34 | 40 | - | - | 45 | 5.7 | - | 47 |
| Board.... | 130 | 41 | - | - | - | 45 | 216 |  |  |
| Board.... | 156 | 46 |  | 3 | - | 115 | 320 |  |  |
| Board . . | 182 | 48 | - | - | - | 32 | 262 | 73 |  |
| Board.... | 182 | 66 | - | - | - | 32 | 280 |  |  |
| Board.... | 156 | 70 | - | 3 | - | 51 | 280 |  |  |
| Buard ... | 182 | 35 | - | - | - | 89 | 306 |  |  |
| Board.... | 143 | 26 | - | - | - | 31 | 200 |  |  |
| - | 180 | 65 | 42 | - | - | 30 | 317 | 7 |  |

ICE

|  | No of return. |
| :---: | :---: |
|  | From sickness. |
|  | Inability to  <br> ubtain work. 星 |
|  | Other causes. |
|  | Total. |
|  | Owning homes. |
|  | Value of homes. |
|  | Amount of mortgage. |
|  | Rate of interest on mortgage |
|  | Number in family. |
|  | Number working for wages. |
|  | Wages increasedper cent. |
|  | Wages decreasedper cent. |

## MEN－Continued．

| How often paid？ |  |  |  |  |  |  | So <br> 0 <br> 0 <br> 0 <br> 0 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | No | No．．． | No． | Yes．． | No． | No．．． | Yes | No．．． | No． |
| Fortnightly | Yes． | ＂ | ， | ، | Yes | ＂ | ، |  | ＂ |
| Fortnightly | No． | ، | ＇6 | ، | No． | ＂ | ＇6 | Yes．． | ＂ |
| Weekly | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | No．．． | No． | Yes． |
| Fortnightly | ＂ | ＂ | ＇6 | No． | ＂ | ＂ | Yes．． | ＂ | No |
| Weekly．．．．． | ＂ | ＂ | ＇6 | ＇6 | ＂ | Yes．． | ، | Yes．． | ＊ |
| Fortnightly | ＂ | ＂ | ＇6 | ＂ | ＊ | No．．． | ＂ | ＂ | ＂ |
| Fortnightly | ، | ＂ | ＇ | ＂ | ＂ | ＂ | No．．． | No．． | Yes． |
| Fortnightly | ＂ | ＂ | ＂ | ＂ | ، | ＂ | ＂ | ＂ | No． |
| Fortnightly | ＊ | ＂ | ＂ | ＂${ }^{\prime}$ | ＊ | ＂ | ، | ＊ | ＂ |
| Fortnightly | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ، |
| Fortnightly． | ＇＂ | ＇6 | ＇6 | ＂ | ＂ | ＂ | Yes．． | Yes．． | ＂ |
| Fortnightly． | Yes | ＂ | ＂ | ＂ | ． | ، | ＂ | No．．． | ＂ |
| Fortnightly． | No． | ＇ | ＇6 | ＇ | ＇، | ＂ | No．．． | － | ＂ |
| Weekly ．．．． | ＂ | ＂ | ＂ | ، | ＂ | ＇6 | ＂ | ＂ | ＂ |
| Weekly | ، | ＂ | ＂ | ＇6 | ＂ | ＂ | Yes．． | Yes | ＂ |
| Weekly | ＂ | ＇، | ＂ | ＂ | ＂ | ＂ | No．．． | No．．． | ＂ |
| Fortnightly． | ＂ | ＂ | ＇${ }^{\prime}$ | ، | ＂ | ＇ | ＂ | Yes． | 6 |
| Fortnightly | ＂ | ＂ | Yes | ＇ | ＇6 | ＂ | Yes．． | ＂ | ＂ |
| Fortnightly | ＇ | ＂ | No． | ＇6 | ＊ | ＂ | No． | No | ＂ |
| Fortnightly | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ |
| Weakly ．． | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | Yes．． | ، |
| Fortnightly | ＂ | ＂ | ＂ | ＂ | ＂ | ＇6 | ＂ | No．． | ＂ |
| Fortnightly | ＇، | ＂ | ＂ | ＂ | ＂ | ، | ، | Yes． | ＂ |
| Fortnightly | ＂ | ＇، | ＂ | ＂ | ＂ | ${ }^{\prime}$ | ＂ | No．． | ＂ |
| Fortnightly． | ＊ | ، | ＇6 | ＂ | ＊ | ، | ＂ | ＂ | ＂ |
| Fortnightly | ، | ＂ | ＂ | ، | ＂ | ＇ | ＂ | ＂ | ＂ |
| Fortrightly | ＂ | ＂ | ＇6 | ， | ، | ， | Yes．． | Yes．． | ＇＂ |
| Fortnightly | Yes | ＂ | ＇6 | ، | ＂ | $\cdots$ | No．．． | No．．． | Yes． |
| Weekly．．．．． | No． | ＂ | ＇6 | ＇6 | ＂ | ، | Yes． | Yes．． | No． |
| Fortnightly | ＂ | ＂ | ＂ | ＇＂ | ＂ | ＂ 6 | ＂＇ | ＂ | ＂ |
| Weekly | ＂ |  | ＂ | ＇＂ | ＂ | ＂ | No．． | No．． | ＂ |
| Weekly | ＂ | ＂ | ＂ | Yes | \％ | ＇، | ＇، | Yes． | ، |
| Weekly | ، | ، | ＂ | ＂ | ＂ | ، | ＂ | No．， | ， |
| Fortnightly | ＂ | ، | ＂ | No．．．．． | ＇6 | ， | ＇＂ | ＂ | ， |
| Fortoightly | ＂ | ＂ | 7＂ | ＂، | ＂ 6 | ＂ | Yes．． | Y ${ }^{\prime}$ | ＂ |
| Fortnightly | Yes | ＂ | Yes．．． | ＂ | ＂ | ، | ، ${ }^{\text {c }}$ | Yes． | ＂ |
| Weekly．．．．． | No | ＂ | No． | ＂ | ، | ＂ | No．．． | No | Yes． |
| Weekly | ， | ＂ | ＂ | ＂ | ＇6 | ＂ | Yes． | ＂ | ＂ |
| Weekly | ＂ | ＂ | ＂ | ＂ | ＂ | ، | No | ＂${ }^{\prime}$ | ＂${ }^{6}$ |
| Fortnightly | ＇6 | ＂ | ＂ | ، | ＂ | ＂ | Yes． | Yes．． | No． |
| Fortnightly | － | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ |
| Fortnightly | Yes | ＂ | ＂ | ＇6 | ＂ | ＂ | No | No．． | Yes． |
| Fortuightly | No | ＂ | ＂، | ＂ | ＂ | ＂${ }^{\text {c }}$ | ＂ | ＂ | No． |
| Weckly ．．．． | $\because$ | ＂ | ＂${ }^{6}$ | ＂ | ＂، | Yes．． | Yes．． | Y | ＂ |
| Fortnightly | ＂ | ＂ | ＇ | － | － | No．． | ＂ | Yes．． | ＂ |
| ＂1．ekly ．．． | ＂ | ＂ | Yes．．．． | Yes | Yes ．． | ، | No．．． | No．． | ＂ |
| F．irnightly | ＇6 | ＂ | No． | No．． | No． | $\cdots$ | ＊ | ＂، | ＂ |
| Furtnightly． | ＇6 | ＇، | ＂ | ＂ | ＇ | ＇ | ＂ | ＂ | ، |
| Fortniguty | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | Y | Y | ＂، |
| Weekly． | ＂ | ، | ، | ＂ | ＇ | ＇6 | Yes． | Yes． | ＊ |

ICE


## MEN-Continued.

| Expenses. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \dot{\square} \\ & \text { ه } \end{aligned}$ | $\begin{aligned} & \text { 8. } \\ & \text { B } \\ & \hline \end{aligned}$ | $\begin{aligned} & \dot{80} \\ & \stackrel{.}{\overrightarrow{0}} \\ & \stackrel{0}{0} \\ & \hline \end{aligned}$ |  |  |  | \% | $\begin{aligned} & \dot{\Xi} \\ & \stackrel{\rightharpoonup}{\circ} \\ & \dot{H} \end{aligned}$ | $\begin{aligned} & \stackrel{\infty}{\square} \\ & \stackrel{y}{2} \\ & \stackrel{n}{n} \end{aligned}$ | \# ¢ ¢ |
| \$36 | \$137 | \$42 | $\$ 33$ | - | - | \$68 | \$316 | - | \$ 30 |
| - | 230 | 80 | 45 | \$1 | \$18 | 28 | 402 | \$53 |  |
| 77 | 165 | 44 | 39 | 5 | - | 46 | 376 |  |  |
| - | 104 | 50 | 34 | - | - | 72 | 260 | 160 |  |
| 48 | 120 | 64 | 28 | - | - | 49 | 309 |  |  |
| Board.... | 182 | 64 | - | - | - | 121 | 367 |  |  |
| Board ... | 156 | 34 | - | - | - | 82 | 272 | 50 |  |
|  | 182 | 126 | 37 | - | 12 | 83 | 440 | 175 |  |
| - | 187 | 64 | 38 | 3 | - | 45 | 337 | 40 |  |
| - | 180 | 64 | 42 | 3 | - | 41 | 330 |  |  |
| Board.... | 156 | 60 | - | 3 | - | 79 | 298 |  |  |
| Board.... | 208 | 60 | - | - | - | 55 | 323 |  |  |
| Board.... | 208 | 43 | - | 1 | - | 68 | 320 | 100 |  |
| 48 | 139 | 84 | 38 | 1 | - | 57 | 367 |  |  |
| 42 | 150 | 54 | 38 | 2 | - | 66 | 352 |  |  |
| - | 136 | 54 | 37 | 6 | - | 42 | 275 | 150 |  |
|  | 190 | 80 | 37 | - | - | 55 | 434 | - | 44 |
| 60 | 243 | 78 | 38 | 3 | - | 28 | 450 | - | 4 |
| 76 | 185 | 40 | 33 | 2 | - | - 20 | 356 | - | 9 |
| - | 208 | 75 | 36 | - | - | 104 | $4 \cdot 3$ | 43 |  |
| - | 165 | 45 | 36 | 3 | - | 72 | 321 | 65 |  |
| - | 186 | 43 | 38 | 3 | - | 41 | 311 | - |  |
| 84 | 175 | 45 | 39 | 3 | - | 67 | 413 |  | 61 |
| - | 235 | 62 | 40 |  | - | 60 | 397 | - | 27 |
| 30 | 167 | 36 | 40 | - | - | 55 | 328 | 12 |  |
| Board.... | 182 | 28 | - | - | - | 25 | 235 | 183 |  |
| Board... | 195 | 67 | - | - | - | 116 | 378 |  |  |
| Board.... | 182 | 50 | - | - | - | 30 | 262 | 150 |  |
| Board.... | 156 | 73 | - | - | - | 43 | 272 | 50 |  |
| Board ... | 182 | 38 | - | - | - | 46 | 266 |  |  |
| Board ... | 182 | 43 | - | - | - | 77 | 302 | 40 |  |
| Board ... | 156 | 23 | - | - | - | 85 | 264 |  |  |
| 60 | 230 | 45 | 20 | - | 15 | 30 | 400 |  |  |
| 72 | 185 | 50 | 35 | - | 1 | 15 | 357 |  |  |
| 54 | 184 | 105 | 28 | - | 15 | 177 | 563 |  |  |
| 48 | 153 | 65 | 36 | - | 15 | 153 | 470 | 60 |  |
| 60 | 215 | 50 | 27 | 3 | - | 34 | 389 | 11 |  |
| ${ }^{60}$ | 135 | 43 | 25 | , | 13 | 10 | 286 | - | 47 |
| Board.... | 208 | 60 | - | - | - | $\times 9$ | 357 |  |  |
| - | 160 | 90 | 43 | - |  | 114 | 407 |  |  |
| - | 200 | 45 | 38 | 4 | 8 | 30 | 325 | 47 |  |
| - | 157 | 62 | 40 | 4 | 16 | 47 | 326 |  | 9 |
| Board.... | 156 | 34 | - | - | - | 86 | 276 | - | 36 |
| Board.... | 182 | 56 | - | - | - | 68 | 306 | 85 |  |

## ICE

|  | No. of return. |
| :---: | :---: |
|  | From sickness. |
|  | Inability to <br> obtain work 0 |
|  | Other causes. |
|  | Total. |
|  | Owning homes. |
|  | Value of bomes. |
|  | A mount of mortgage. |
|  | Rate of interest on mortgage. |
| AOTN worconat | Number in family. |
|  | Number working for wages. |
|  | Wages iucreasedper cent. |
|  | Wages decreasedper cent. |

MEN-Concluded.

| How often paid? |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fortnightly. | No. | No. | No. | No. | No. | No. | Yes.. | No. | Yes. |
| Weekly | ، | ، | '6 | Yes | ، | Yes. | ، | Yes. | No |
| Fortnightly | " | " | ' | No..... | " | No.. | No... | No. | " |
| Fortnightly. | Yes | " | " | " | '، | " | Yes.. | Yes | " |
| Fortnightly . |  | '6 | " | " | ، | ، | No. | No. | " |
| Fortnightly | ، | * 6 | ، | " | '، | ، | " | '، | " |
| Fortnightly | " | ، | " | " | " | ، | " | Yes. | " |
| Fortnightly | " | ، | Yes | Yes | " | '، | Yes.. | " | " |
| Fortnightly. | * | " | " | No | " | " | " | " | " |
| Fortnightly. | " | " | No. | -" | " | " | " | No.. | " |
| Weekly. . | " | " | ، ${ }^{\text {a }}$ | Yes.... | Yes. | " | " | ، |  |
| Fortnightly | ، | / | '6 | No. | No. | '، | No... | ، ${ }^{\prime}$ | ، |
| Fortnightly. | $\cdots$ | " | ' | Yes.... |  | ، | Yes.. | Yes | '6 |
| Fortnightly | " | " | ، | ، | " | ، | " | No.. | ' |
| Fortnightly. | " | " | " ${ }^{\prime}$ | " | " | ، | No... | " | '* |
| Fortnightly. | " | " | Yes | " | " | " | Yes.. | Yes. | " |
| Fortnightly. | " | " | No. | No.... | " | " | No... | No... | Yes. |
| Weekly | " | " | ، | " | " | '6 | Yes.. | " | No |
| Weekly | ، | " | " | '، | ' | " | No... | " | Yes. |
| Fortuightly | " | ، | Yes. | " | " | " | Yes.. | Yes. | No. |
| Fortnightly | Yes | " | ، ${ }^{\text {a }}$ | '، | " | ، | '6 | " | " |
| Weekly | No | " | ' | "، | * | " | " | No. | " |
| Weekly. | , | " | No.... | Yes. | " | " | No... | " | Yes. |
| Weukly | " | ، | ، | No | " | ، | Yes.. | " | " |
| Fortnightly. | Yes | \% | ' | ، | ، | " | " | Yes.. | No. |
| Fortnightly. | No. | " | " | ، | '" | " | " | " | " |
| Weekly .... | ' | " | ' | " | Yes.... | " | No.. | No.. | -' |
| Fortnightly. | ، | ، | ، | " | No. | " | Yes. | Yes. | " |
| Fortnightly | " | " | , | " | " | " | ' | " | " |
| Fortnightly | " | " | " | " | " | " | No.. | No.. | " |
| Weekly | " | '6 | , | ' | " | " | " | Yes. | " |
| Weekly | " | " | ' | . | " | '6 | $\cdots$ | No. | / |
| Weekly | " | '6 | " | '6 | " | ' | ' | " | 1 |
| Fortnightly | " | '6 | " | '6 | " | ' | '" | " | ' |
| Fortnightly. | "' | " | " | , | " | ، | Yes.. | Y" | ' |
| Fortnightly. | Yes.... | " | * | ' | '، | ${ }^{6}$ | No | Yes. | , |
| Weekly | No.... | " | ، | Yes.... | ، | '6 | Yes.. | " | ' |
| Fortnightly | Yes .. | '، | ، | No. | " | ، | " | No... | Yes |
| Fortnightly. | No. | " | " | " | " | " | No... | " | No. |
| Fortnightly. | " | " | " | ¢' | " | " | Yes | Y ${ }^{\prime}$ | " |
| Weekly . | ، | " | " | Yes. | Yes... | " | " | Yes. | " ${ }^{\prime}$ |
| Weokly |  | " | " | " | " | " | " | No. | Yes. |
| Fortnightly. | Yes | ' | " | No.... | No. | ، | No. | '، | " |
| Fortnightly. | No. . | '6 | ، | ، | -" | * | Yes | Yes. | No. |

SAWMILL


## HANDS.

| Expenses. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\underset{\stackrel{\rightharpoonup}{\oplus}}{\stackrel{\rightharpoonup}{ت}}$ | $\begin{array}{r} \text { تٌ } \\ \text { B } \end{array}$ | $\begin{aligned} & \dot{\infty} \dot{. E} \\ & \stackrel{\rightharpoonup}{ \pm} \\ & \stackrel{0}{0} \end{aligned}$ |  | $\begin{aligned} & \dot{0} \\ & \stackrel{0}{0} \\ & \stackrel{0}{0} \\ & \stackrel{\rightharpoonup}{0} \\ & \stackrel{\rightharpoonup}{0} \\ & 0 \end{aligned}$ |  |  | $\begin{aligned} & \dot{\Xi} \\ & \stackrel{y}{0} \\ & \text { By } \end{aligned}$ | $\begin{aligned} & \text { 号 } \\ & \stackrel{1}{0} \\ & \underset{y}{n} \end{aligned}$ |  |
| Board.... | \$182 | \$65 | - | \$3 | \$50 | \$60 | \$360 | \$240 |  |
| \$84 | 200 | 40 | \$37 | - | - | 29 | 390 |  |  |
| Board.... | 156 | 30 | - | - | - | 86 | 272 |  |  |
| Board.. . | 182 | 40 | - | - | - | 65 | 287 | 87 |  |
| 108 | 170 | 64 | 51 | 7 | 45 | 202 | 647 | 67 |  |
| Board.... | 182 | 30 | - | - | - | 163 | 375 |  |  |
| - | 190 | 60 | 30 | 12 | - | 40 | 332 | 28 |  |
| 72 | 230 | 45 | 28 | - | - | 20 | 395 |  |  |
| - | 183 | 96 | 37 | - | 10 | 28 | 354 | 235 |  |
| Board... | 182 | 25 | - | - | - | 30 | 237 | 63 |  |
| - | 240 | 160 | 62 | 8 | 27 | 80 | 577 | 100 |  |
| - | 190 | 85 | 40 | 5 | 36 | 60 | 416 | 84 |  |
| 96 | 160 | 50 | 37 | - | 21 | 14 | 378 |  |  |
| - | 240 | 70 | 40 | 1 | 5 | 34 | 390 | 276 |  |
| 36 | 150 | 35 | 30 | 4 | 11 | 34 | 300 |  |  |
| Board.... | 182 | 35 | - | - | - | 71 | 288 |  |  |
| Board . . | 156 | 65 | - | - | - 1 | 119 | 340 |  |  |
| Board.... | 182 | 50 | - | - | - | 46 | 278 | 90 |  |
| 54 | 185 | 60 | 33 | 1 | - | 50 | 383 | - | \$49 |
| 84 | 175 | 40 | 35 | - | - | 26 | 360 |  |  |
| 78 | 150 | 32 | 33 | 4 | 45 | 68 | 410 | 70 |  |
| 60 | 165 | 50 | 50 | - | - | 50 | 375 |  | 33 |
| 96 | 180 | 40 | 37 | - | - | 32 | 385 |  |  |
| 72 | 140 | 30 | 36 | - | - | 50 | 328 |  |  |
| - | 120 | 50 | 33 | - | - | 75 | 278 | 57 |  |
| Board. | 182 | 75 | - | - | - | 50 | 307 | 18 |  |
| Board.... | 182 | 45 | - | - | - | 50 | 277 | 118 |  |
| Board.... | 182 | 38 | - | - | - | 63 | 283 | 60 |  |
| Board.... | 182 | 55 | - | - | - | 72 | 309 |  |  |
| Board ... | 182 | 46 | - | - | - | 97 | 325 | 111 |  |
| 120 | 150 | 125 | 43 | 3 | 11 | 75 | 527 | 153 |  |
| 55 | 160 | 40 | 33 |  | - | 37 | 325 |  |  |
| 96 | 160 | 65 | 40 | - | - | 39 | 400 |  |  |
| 67 | 200 | 93 | 38 | - | - | 72 | 470 | - | 42 |
| Board.... | 182 | 100 | - | - | 11 | 118 | 406 |  |  |
| . | 236 | 150 | 38 | 3 | 11 | 90 | 528 | 358 |  |
| - | 200 | 100 | 32 | - | - | 130 | 462 | 497 |  |
| Board. . . | 182 | 65 |  | - | - | 81 | 328 | 100 |  |
| - 96 | 225 | 175 | 40 | - | - | 75 | 611 | 149 |  |
| . | 143 | 42 | 26 | - | - | 35 | 246 | 154 |  |
| Board.... | 182 | 46 | - | - | - | 23 | 251 | 46 |  |
| 108 | 165 | 50 | 43 | - | - | 46 | 412 |  |  |
| 1 | 216 | 60 | 32 | - | - | 30 | 338 |  |  |
| - | 260 | 90 | 40 | 2 | 40 | 50 | 482 |  |  |
| - | 182 | 60 | 34 | - | - | 31 | 307 |  |  |
| - | 160 | 50 | 43 | 5 | 17 | 35 | 310 | 45 |  |
| 60 | 140 | 50 | 35 | - | - | 55 | 340 |  |  |
| 48 | 173 | 46 | 32 | - | - | 27 | 326 | - | 43 |
| - | 170 | 80 | 38 | - | - | 56 | 344 |  |  |
| 72 | 167 | 31 | 44 | 1 |  | 80 | 395 | 52 |  |
| 90 | 175 , | 50 | 32 | 4. | 14 | 10 | 375 |  |  |

SAWMILL

|  | No．of return． |
| :---: | :---: |
|  | From sickness． |
|  | Inability to obtain work． |
|  | Other causes． |
| む | Total． |
|  | Owning homes． |
|  | Value of homes． |
|  | Amount of mortgage． |
| 1 1 1 1 1 1 1 1 1 | Rate of interest on mortgage． |
|  | Number in family． |
| ーールーーーーーーーー－ | Number working for wages． |
|  | Wages increased－ per cent． |
|  | Wages decreased－ per cent． |

HANDS－Continued．

| How often paid？ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fortnightly ． | No． | No． | No．．．． | Yes ．． | No．．． | Yes． | Yes．． | Yes． | No． |
| Fortnightly． | Yes | ، ${ }^{\text {a }}$ | ، ${ }^{\text {a }}$ | No． |  | No． | No | No． | ＇6 |
| Fortnightly | No． | ، | ＂ |  | ، | ، | ＂ | ، ${ }^{\text {c }}$ | 16 |
| Fortnightly | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | Yes． | ＇، |
| Weekly．．．．． | ＂ | ＂ | ＂ | Yes．．．． | Yes． | Yes | Yes．． | ＂ | ＂ |
| Fortnightly． | ＇ | ＂ | ＂ | No．．．．． | No． | No | No．．． | No． | ＂ |
| Fortnightly ． | ＂ | \％ | ＂ | Yes | Yes | ＂ | Yes． | Yes．． | ＂ |
| Fortnightly | ＇، | ＂ | ＂ | No．．．． | No． | ＂ | No． | No． | ＂ |
| Monthly． | Yes． | ＂ | ＂ | ＂ | ＇، | ＇ | Yes． | Yes． | ＂ |
| Fortnightly ． | No． | ، | ＂ | ＂ | ＇6 | ＂ | No | ، | ＂ |
| Monthly ．．． | Yes | ＂ | ، | Yes． | Yes． | ＂ | Yes．． | ، | ＊ |
| Weekly | No． | ＂ | ＂ | ، | ＂ | ＂ | ， | ＂ | ＂ |
| Fortnightly． |  | ＇، | ＂ | No．．．．． | No．．．．． | ＂ | ، | No．．． | ＂ |
| Fortnightly． | ＇، | ، | ＇6 | Yes |  | ＂ | ＂ | Yes．． | ＂ |
| Fortnightly． | es | ، | ، | ＂ | ＇6 | ＂ | ＂ | No． | ＂ |
| Fortnightly | No．． | ＂ | ＂ | No．．．．． | ＂ | ＂ | No．． | ＂ | ＂ |
| Monthly ．．． | ، | ＂ | ＂ | ، | ＇، | ، | ＂ | ＂ | ، |
| Fortnightly | ＇ | ＂ | ＂ | ＂ | ＂ | ＂ | Yes．． | Yes | Y |
| Fortnightly | ＂ | ＂ | ＂ | ＇6 | ، | ＂ | No． | No．．． | Yes． |
| Fortnightly． | ＇${ }^{\text {es }}$ | ＂ | ＂ | ＂ | ＇6 | ، | ＂ | ＂ | No． |
| Fortnightly． | No． | ＂ | ＂ | ＂ | ＂ | Yes． | Yes．． | Yes． | ＂ |
| Weekly |  | ＂ | ＂ | ＇ | ＂ | No．． | No．．． | No． | Yes． |
| Fortnightly | 1 es | ＂ | ، | ＂ | ＂ | ＂ | ＂ | ＂ | No． |
| Fortnightly | ＇، | ، | ، | ＂ | ، | ، | ＂ | ＂ | ＂ |
| Weekly ． | No． | ＂ | ، | ＂ | ＂ | ＂ | Yes． | Yes． | ＂ |
| Weekly | ＇، | ، | ＂ | ＇، | ＂ | ＇، | ＇6 | ＂ | ＂ |
| Monthly | ＂ | ، | ＂ | ، | ＂ | Yes． | ＂ | ＂ | ＇6 |
| Fortnightly | ＂ | ، | ، | ＇ | ＂ | No． | ＊ | ＂ | ＂ |
| Monthly．．． | Yes．．． | ＇، | ، | ＂ | ، | ＂ | No．． | No． | ＂ |
| Monthly | ، | ، | ＂ | ＂${ }^{\text {a }}$ | ، | ＂ | Yes． | Yes．． | ＇6 |
| Fortnightly | ＂ | ＂ | ＂ | Yes | ＂ | ، | ＂ | ＂ | ＂ |
| Fortnightly | ＂ | ＂ | ＂ | No．．．．． | ＂ | ＂ | ＂ | No．． | ＂ |
| Weekly ．．．． | No．．． | ＂ | ＂ | ＂ | ＂ | ＂ | No．． | ＂ | ＂ |
| Weekly．．．．． | ， | ＂ | Yes | ＂ | ＂ | ＂ | ، | ＂ | Yes． |
| Fortnightly． | ＇6 | ＂ | No． | ＂ | ＂ | ＂ | ＇＂ | ＂ | No． |
| Weekly ．．．． | ＂ | ＂ | ＂ | Yes．．．． | ＂${ }^{\prime}$ | ＂ | Yes． | Yes．． | ＂${ }^{6}$ |
| Week！y | ＂ | ＂ | ＂ | No．．．．． | ＂${ }^{\prime \prime}$ | $\cdots$ | ＂ | ＂ | ＂ |
| Fortnightly | ＂ | ＇ | ＂ | ＂ | ＂ | ， | ＂ | ＂ | ＂ |
| Weekly | ＂ | ＂ | ＂ | ＊ | ＂ | ، | ، | ＂ | ， |
| Weekly | ＂ | ＂ | ＂ | ＇6 | ＇6 | \％ | \％ | ＂ | ． |
| Monthly． | Yes | ＂ | ＇، | ${ }^{\prime \prime}$ | ＂ | ＇ | ＂ | ＂ | ， |
| Fortnightly | ＂ | ＇6 | ＂ | 6 | ＇، | ＂ | No．． | No． | ＇ |
| Fortnightly | No．．． | ＂ | ＂ | ＂ | ＂ | ＂ | Yes． | ، | ＇ |
| Weekly ． | ＂ | ＂ | ＂ | Yes | ＂ | ＂ | ＂ | ＂ | ＂ 6 |
| Monthly． | ＂ | ＂ | ＂ | No． | ＂ | ＂ | ＂ | ＂ | ＂ 6 |
| Monthly．． | Yes．．．． | ، | Yes．．．． | Yes．．．． | Yes ．．．． | ＂ | ＂ | Yes． | ＂ |
| Weekly ．．．． | No．．．． | ＂ | No | No．．．．． | No． | ＂ | No．．． | N0． | ＂ |
| Fortnightly． | Yes．．．． | ＂ | ＂ | ＇＂ | ＇، | ＂ | ＂＇ | ＂ | Yes． |
| Fortnightly． | No．．．． | ＇6 | ، | Yes．．． | ＂ | ＂ | Yes．． | ＂ | No |
| Weekly | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | Yes．． | ＇6 |
| Weekly ．． | ، | ، | ＂ |  | ، | ＇6 |  | No．．． | ， |

SAWMILL


## HANDS-Continued.

| Expenses. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \stackrel{\rightharpoonup}{\ddot{0}} \\ & \stackrel{\sim}{*} \end{aligned}$ | $\begin{aligned} & \text { Ḃ } \\ & \text { B } \end{aligned}$ | $\begin{aligned} & \dot{80} \\ & \dot{B} \\ & \dot{\overrightarrow{0}} \\ & \frac{0}{3} \end{aligned}$ |  | $\begin{aligned} & \infty \\ & \stackrel{\infty}{0} \\ & \stackrel{0}{0} \\ & \stackrel{\rightharpoonup}{0} \\ & \stackrel{\oplus}{8} \\ & \dot{0} \end{aligned}$ |  |  | ¢ ¢̈ - |  | $\dot{ \pm}$ $\stackrel{\text { ¢ }}{\text { ¢ }}$ ¢ |
| Board.. .. | \$182 | \$50 | . | - | - | \$30 | \$282 | \$75 |  |
| Board.... | $18 \%$ | 56 | - | - | - | 50 | 288 |  |  |
| Board... | 156 | 30 |  | - | - | 50 | 236 | - | \$33 |
| \$45 | 200 | 75 | \$38 | - | - | 142 | 500 |  |  |
| 78 | 216 | 66 | 27 | - | - | 96 | 483 |  |  |
| Buard | 134 | 40 | 36 | 2 | - | 128 | 336 | 161 |  |
| Board ... | 182 | 100 | - | \$25 | - | 76 | 382 | 148 |  |
| Board.... | 1,2 | 50 | - | - | - | 100 | 332 | 68 |  |
| 48 | 163 | 30 | 33 | - | - | 39 | 315 |  |  |
| 78 | 154 | 23 | 24 | - | , | 35 | 319 | 50 |  |
| Board.... | 182 | 72 | - | - | , | 33 | 287 |  |  |
| - | 225 | 115 | 40 | 8 | 12 | 160 | 560 | 224 |  |
| - | 160 | 36 | 36 | y | 60 | 50 | 351 | 139 |  |
| Beard ${ }^{68}$ | 312 | 115 | 43 | - | - | 53 | 591 |  |  |
| Board....] | 182 | 61 |  | - | - | 70 | 313 |  |  |
| 78 | 211 | 40 | 26 | - | - | 24 | 379 |  |  |
| 48 | 150 | 60 | 35 | - | - | 32 | 325 |  |  |
| 611 | 200 | 75 | 35 | - | - | 60 | 430 | - | 60 |
| 48 | 182 | 60 | 29 | - | - | 36 | 355 |  |  |
| 48 | 200 | 40 | 35 | - | - | 17 | 340 |  |  |
| 78 | 200 | 80 | 40 | - | - | 47. | 445 | - | 27 |
| Board.... | 182 | 38 | - | 5 | 15 | 25 | 265 | 113 |  |
| Board.... | 234 | 50 | - | - | - | 73 | 357 |  |  |
| Board . . | 182 | 50 | - | - | - | 128 | 360 |  |  |
| - | 218 | 83 | 28 | - | - | 75 | 404 | 54 |  |
| Board.... | 182 | 75 | - | - | - | 169 | 426 |  |  |
| 54 | 204 | 40 | 32 | - | - | 27 | 357 |  | 27 |
| - 78 | 253 | 45 | 30 | 1 | - | 120 | 449 | 97 |  |
| 78 66 | 226 | 75 | 35 | 1 | - | 70 | 483 | 80 |  |
| 66 100 | 143 | 50 | 33 | - | - | 98 | 390 |  |  |
| Board 100 | 290 | 130 | 50 | - | - | 30 | 600 |  |  |
| Board... | 186 | 50 | - | 1 | - | 23 | 260 | 79 |  |
| Board.... | 182 | 64 | - | - | - | 90 | 336 |  |  |
| Board ... | 182 | 78 | - | - | - | 64 | 324 |  |  |
| 108 | 125 | 130 | 40 | 4 | 12 | 251 | 562 | 238 |  |
| 108 72 | 150 | 40 | 40 | 4 | 11 | 47 | 400 |  |  |
| 72 72 | 276 | 70 | 36 | , | - | 25 | 479 | - | 29 |
| 72 | 168 | 39 | 36 | , | - | 75 | 390 |  |  |
| 60 | 198 | 57 | 42 | - | - | 65. | 362 | 33 |  |
| Board. ${ }^{60}$ | 146 | 33 | 24 | - | - | 30 | 293 |  |  |
| Board ... | 182 | 25 | - | - | - | 85 | 29. | 173 |  |
| Board.... | 182 | 50 | - | 6 | 12 | 30 | 280 | 152 |  |
| 1 | 156 | 50 | 32 | - | - | 18 | 256 |  |  |
| 72 | 140 | 50 | 42 | - | - | 32 | 336 |  |  |
| $8_{84}$ | 190 | 60 | 36 | - |  | 70 | 440 |  |  |
| Board.... | 182 | 50 | - | - | - | 65 | 297 | 87 |  |
| - | 160 | 65 | 34 | 2 | 14 | 85 | 360 | 101 |  |
| - | 192 | 56 | 35 | 3 | 15 | 48 | 349 | 19 |  |
| - | 175 | 100 | 35 | - | - | 125 | 435 | 115 |  |
| 102 | 175 | 60 | 40 | - | - | 60 | 437 |  |  |
| 96 | 234 | 53 | 46 | 3 | - | 48 | 480 | - | 23 |

SAWMILL

|  | No |
| :---: | :---: |
|  | From sickness． |
|  | Inability to $\theta$ <br> obtain work． $\Delta$ |
|  | Other causes． |
|  | Total． |
|  | Owning homes． |
|  | Value of bomes． |
|  | Amount of mortgage． |
|  | Rate of interest on mortgage． |
|  | Number in family． |
| ニーNーールールーローーートN | Number working for wages． $\qquad$ |
|  | Wages increased－ per cent |
|  | Wages decreased－ per cent． |

HANDS-Continued.

| How often paid? |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Monthly | No. | No. | No. .. | No.... | No..... | No.. | Yes.. | Yes.. | No |
| Fortnightly | " | '، | " | " | " | '، | No... | No. | " |
| Monthly . | " | " | " | " | " | ، | '" | ، | Yes. |
| Monthly | Yes | " | ، | " | " | " | Yes. | " | No. |
| Weekly | No. | " | " | " | " | " | No... | '، | " |
| Weekly | " | " | ، | " ${ }^{\text {c }}$ | '" | ، | Yes.. | Yes. | " |
| Fortnigh | " | '، | " | Yes. | Yes | ، | " | ، | ، |
| Weekly. | " | " | ، | No. | No..... | " | " | '6 | ، |
| Fortnightly | " | " | '6 | " | " | " | No... | No. | " |
| Monthly .. | Yes.... | " | '6 | " | " | " | Yes. | Yes. | " |
| Fortnightly | No.... | " | ، | " ${ }^{\text {c }}$ | " | " | No.. | No | ، |
| Weekly .... |  | " | ، | Yes... | Yes | " | Yes. | Yes.. | " |
| Fortnightly | '6 | " 6 | \% | '، | " | Yes | " | ، | '6 |
| Fortnightly | Yes.... | ، | " | No..... | No..... | No.. | No... | No... | '6 |
| Monthly. | No. | " | " | " | " | ، | Yes.. | ، | , |
| Monthly | Y'es | * | ' | ، | , | " | No.. | '، | ، |
| Fortnightly | No. | ، | ، | '6 | " | " | " | ، | " |
| Fortnightly | " | " | ، | " | '6 | " | " | " | Yes. |
| Fortnightly | Yes.... | " | " | ، | * | " | " | ، | No. |
| Fortnightly. | " | " | " | " | " | " | Yes. | " | " |
| Weekly .... | No..... | " | " | '" | '، | " | No. | " | Yes. |
| Weekly .. |  | " | ، | Yes | Yes.... | " | Yes. | Yes. | No. |
| Fortnightly. | Yes | " | ' | No. | No. | " | No.. | No. | " |
| Weekly | No. | " | * | "، | ، | " | " | " | " |
| Monthly ... | Yes | " | 6 | '6 | " | " | Yes. | Yes. | '6 |
| Fortnightly. | No.. | " 6 | " | " 6 | "، | " ${ }^{\prime}$ | No.. | No.. | - |
| Fortnightly. | Yes | " | ، | " | " | " | " | " | Yes. |
| Fortnightly | ، | " | " | ' | " | " | Yes.. | Yes.. | No. |
| Fortnightly. | " | " | " | Yes. | " | " | ، | " | '6 |
| Weekly ... | No. | " | " | No. | "' | " | '، | No... | " |
| Fortnightly | '، | " | " | " | " | '، | No.. | " | " |
| Monthly. | Yes | " | " | " | " | Yes. | Yes. | Yes.. | "6 |
| Fortnightly. | No. | ، | ، | " | " | No... | No.. | No... | '6 |
| Weekly .... | " | " | " | " ${ }^{\text {] }}$ | " ${ }^{\prime}$ | " | Yes.. | " | ، |
| Monthly... | " | " | " | Yes.... | Yes.... | Yes. | " | Yes | * |
| Fortnightly. | " | " | " | '، | No. | No.. | No.. | No... | * |
| Fortnightly | Yes | " | ' | No. | " | ، | '، | " | , |
| Weekly | No. | " | , | , | " | ${ }^{6}$ | Yes. | '6 | , |
| Monthly | Yes | " | $\stackrel{ }{6}$ | " | " | ${ }^{\prime \prime}$ | " | Yes.. | " |
| Fortnightly. | No. | " | " | " | " | " | No.. | No... | * |
| Fortnightly | " | " | " | " | , | " | Yes.. | Yes.. | " |
| Fortnightly. | * | " | " | Yes | Yes .... | Yes.. | " | " | * |
| Weekly ... | " | '6 | '6 | No. | No. | No.. | " | No.. | " |
| Fortnightly. | " | " | " | " 6 |  | " | No. | ، | ${ }_{6} 6$ |
| Fortnightly. | " 6 | " 6 | " | " | " | " | " | " | 6 |
| Fortnightly. | ، | '6 | ، | " | " | * | Yes. | Yes | * |
| Fortnightly | " | " 6 | " | Yes.... | " | " | " | '" | 16 |
| Weekly.. | " | '6 | " |  | ${ }^{\prime \prime}$ | " | " | ${ }^{6}$ | * |
| Weekly | " | " | " | No... | " | " | " | " | " |
| Fortnightl | Yes.... | " | " | ${ }^{\prime \prime}$ | "' | " | No.. | No... | " |
| Weekly. |  | ' | ' | Yes | ، | " | " | * | Yes |

## SAWMILL




HANDS-Continued.


## BUILDERS.



SAWMILL


SHIP


HANDS—Concluded．

| How often paid？ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly． | No． | No． | No．．．． | No．．．． | No．．．． | No．．． | Yes．． | No．．． | No． |
| Weekly | ، | 6 | 66 | 6 6 | © | ＂ | No．．． | ＊ | 6 |
| Weekly | ، | 6 | 6 6 | ، 6 | ＊ | ＇، | Yes．． | Yes．． | 6 |
| Weekly ．．． | ＂ | ، 6 | $6 \times$ | ＊ | ＊ | 6 | No．．． | No． | $\cdots$ |
| Fortnightly． | ، | ＊ | 6 | ، | ＇ | ، | ، | ＇6 | 6 |
| Fortnightly． | ${ }^{6}$ | ＇ | 6 | Yes．．．． | Yes．．． | Yes．． | Yes．． | Yes． | ، 6 |
| Monthly．．． | ${ }_{6} 6$ | ${ }_{6}$ | 16 | No．．．．． | No．．．．． | No． | No．．． | No．．． | 6 6 |
| Fortnightly． | ، | ، | 6 | ＂ | ＂ | ، | Yes． | Yes． | 6 |

## BUILDERS－Continued．



SHIP

|  | $\left.\begin{aligned} & 8 \\ & 80 \\ & 4 \end{aligned} \right\rvert\,$ | Where born. | Present residence. | Position. | 完 |  | Earnings. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  | - |
| 3 | 436 | Maine | Bath. | Sailmaker | 10 | 3.00 | \$575 | - | - | \$575 |
|  | 137 | 7 Maine | Bath. | Sailmaker | 10 | 2.50 | 450 | - | - | 450 |
|  | 124 | 4 Maine | Bath | Sailmaker | 10 | 2.00 | 43.5 | - | - | 435 |
| 4 | 245 | 5 Massachusetts | Bath . | Rigger | 10 | 2.50 | 675 | - | - | 675 |
| 43 | 32 | Maine | Bath . | Bigger | 10 | 2.00 | 380 | - | - | 380 |
|  | 436 | 6 Maine | Bath | Rigger | 10 | 2.00 | 400 | \$12 | - | 412 |
|  | 540 | Maine | Belfast | Rigger | 10 | 2.00 | 192 | 216 | - | 408 |
|  | 660 | Maine | Bath | Foreman |  | 4.00 | 1080 | - | - | 1080 |

COTTON MILL

| ) 50 | Eng | Biddeford | Mule spinner | 10.2 .25 | 525 | - |  | 525 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 234 | Maine | Bidd eford | Mule spinner | 102.00 | 600 | - | \$75 | 675 |
| 331 | Maine | Biddeford | Mule spinner | 101.85 | 516 |  | - | 516 |
| 438 | Massuchusetts | Biddeford | Mule spin | 101.83 | 525 |  |  | 525 |
| 545 | Maine | Biddeford | Mule spi | 101.78 | 500 |  | 250 | 750 |
| 634 | Main | Biddeford | Mule spi | 101.55 | 450 |  | - | 450 |
| 739 | Main | Lewiston | Mule spi | 101.75 | 490 |  |  | 490 |
| 836 | Massach | Lewiston | Mule spinn | 101.50 | 450 |  |  | 450 |
| 910 | 1 reland | Watervill | Mule spin | 101.50 | 350 |  |  | 350 |
| 10.60 | Rhode Is | Wate | Mule spi | 101.50 | 350 |  | - | 350 |
| 1138 | Scotland | Saco | Beam | 101.80 | 460 |  | - | 460 |
| 1221 | Canada | August | Wea | 101.50 | 258 | 72 | - | 330 |
| 13.28 | Maine | Biddeford |  | 101.08 | 318 | - |  | 318 |
| 1444 | England | Lewiston | Wea | 101.50 | 427 | - | - | 427 |
| 1536 | Maine | Saco | Weav | 101.30 | 400 |  |  | 400 |
| 1645 | Ma |  | Wea | 10 i .17 | 350 |  | 200 | 550 |
| 1743 | Main | Bidd | Dy | 101.25 | 350 |  |  | 350 |
| 1852 | Cana | Sac |  | 101.25 | 330 | - |  | 330 |
| 1937 | Maine | Sa | Dye | 101.33 | 360 |  | 27 | 632 |
| 2021 | New Hampshire. |  | Dyer | 101.25 | 390 |  |  | 390 |
| 2129 | Maine . . . | Bidde | Folder | 10.92 | 275 |  | 150 | 425 |
| 22 20 | New Yor | Saco | Slasher tend | 102.00 | 572 |  | - | 572 |
| 2331 | Ireland | Biddeford | Slasher tend | 10175 | 483 |  | - | 483 |
| 2446 | Canada | Augusta | Slasher tend | 101.67 | 500 |  | - | 500 |
| 2535 | Canada | Augusta | Slasher tend | 101.67 | 484 |  |  | 480 |
|  | Maine | Saco. | sheare | 101.00 | 300 |  |  | 300 |
| 2726 | Maine | Saco | second hand | 101.25 | 315 |  |  | 315 |
|  | Maine | Waterville | Section | 101.58 | 425 |  |  | 425 |
| 29.35 | Maine | Waterville | section hand | 101.58 | 415 | - | 275 | 690 |
|  | Maine | Waterville | jection hand | 101.58 | 456 |  | - | 456 |
| $31: 31$ | Maine | Waterville | Section hand | 101.58 | 450 | - |  | 450 |
|  | Maine | Waterv | section hand | 101.58 | 425 | - |  | 425 |
|  | Maine | Wa | Section hand | 101.50 | 425 |  | - | 425 |
| $34 \mid 45$ | Maine | Auburn | Loom fixer. | 1011.95 | 600 | 20 |  | 620 |
| 35128 | Canada | Augusta | Loon fixer. | 10167 | 500 | - | 52 | 552 |
| 3623 | Maine | Augusta. | Loom fi | 101.67 | 400 |  | - | 400 |
| 3729 | Vermo | Biddeford | Loom fix | 101.80 | 520 |  |  | 520 |
| 3857 | Maine | Biddeford | Loom fixe | 101.75 | 430 | - | 350 | 780 |

BUILDERS-Continued.


## HANDS.

|  | 150 | ${ }^{60}$ | 38 | 10 | 28 | 125 | 411 | 114 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 100 | 220 | 160 | 39 | - | - | 50 | 569 | 106 |
| 84 | 180 | 70 | 40 | 2 | - | 75 | 451 | 65 |
| - 1 | 200 | 90 | 45 | 5 | - | 120 | 460 | 65 |
| 108 | 360 | 175 | 43 | 2 | - | 25 | 713 | 37 |
| Board.... | 182 | 120 | - | 2 | - | 146 | 450 |  |
| Board..... | 156 | 34 | - | - | - | 60 | 250 | 240 |
| Board. . . | 156 | 20 | - | 25 | - | 55 | 256 | 194 |
| 72 | 150 | 65 | 50 | 4 | - | 9 | 350 |  |
| 72 | 200 | 69 | 35 | 4 | - | 20 | 400 |  |
| 84 | 185 | 60 | 37 | - | - | 75 | 441 | 19 |
| Board.... | 182 | 60 | - | - | - | 88 | 330 |  |
| Board.. | 182 | 25 | - | 4 | - | 75 | 286 | 32 |
| Board . .. | 156 | 50 | - | - | - | 10 | 216 | 211 |
| - | 150 | 65 | 38 | 6 | - | 60 | 319 | 81 |
| 84 | 180 | 65 | 30 | 5 | 12 | 75 | 451 | 99 |
| 60 | 100 | 75 | 46 | 2 | - | 67 | 350 |  |
| 100 | 150 | 20 | 30 | 2 | - | 28 | 330 |  |
| 120 | 124 | 60 | 42 | 4 | - | 75 | 425 | 207 |
| Board.... | 182 | 50 | - | - | - | 158 | 390 |  |
| 60 | 125 | 60 | 40 | _ | - | 140 | 425 |  |
| Board.... | 240 | 60 | - | - | - | 100 | 400 | 172 |
| Board.... | 182 | 75 | - | - | - | 150 | 407 | 76 |
| , | 250 | 90 | 40 | 4 | - | 16 | 400 | 100 |
| 60 | 190 | 60 | 40 | 4 | 6 | 40 | 400 | 80 |
| Board... | 156 | 60 | - | - | - | 84 | 300 |  |
| Board... | 182 | 25 | - | - | - | 118 | 315 |  |
| 120 | 152 | 50 | 38 | 5 | 9 | 26 | 400 | 25 |
| 72 | 200 | 100 | 40 | 4 | 14 | 70 | 500 | 190 |
| 144 | 170 | 60 | 44 | - | - | 38 | 456 |  |
| 144 | 166 | 75 | 40 | - | _ | 25 | 450 |  |
| 132 | 140 | 60 | 40 | 4 | - | 28 | 404 | 21 |
| 96 | 230 | 70 | 45 | 4 | - | 30 | 475 | 21 |
| 104 | 225 | 60 | 40 | 6 | 25. | 190 | 650 |  |
| Board.... | 312 | 50 | - | 6 | 6 | 28 | 402 | 150 |
| Board... | 182 | 38 | - | 6 | - | 74 | 300 | 100 |
| 90 | 230 | 80 | 45 | 4 | - | 30 | 485 | 35 |
| 114 | 225 | 175 | 47 | 5 | - | 125 | 691 | 89 |

SHIP


COTTON MILL








[^0]BUILDERS-Concluded.


## HANDS-Continued.

| Fortnightly. | Yes | No. | Yes | Yes | Yes | No.. | Yes. | Yes.. | No |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fortnightly. | ، | " | No. | No..... | No..... | '6 | " | '6 | ، |
| Fortnightly. | ، | " | Yes |  |  | Yes.. | " | " | ${ }^{6}$ |
| Fortnightly | " | " | " | Yes | Yes | No.. | " | " | ' |
| Fortnightly.... | " | " | " | No..... | No. | Yes. | ' | ، | '6 |
| Fortnightly.... | "' | " | " | " | " | No. | No. | No | '6 |
| Fortnightly.... | No. | '6 | No. | '" | " | Yes.. | Yes.. | Yes. | ، |
| Fortnightly |  | " |  | Yes. | Yes | " | " | 's | " |
| Fortnightly | Yes | ، | Yes | No. | No.... | No... | No | No.. | " |
| Fortnightly | " | " | " |  | " | ، | Yes.. | * | Yes. |
| Fortnightly | " | ، | " | '، | * | ' | " | Yes. | No. |
| Fortnightly. | No.... | " | No | " | " | " | No. | No. | ، |
| Fortnightly. | " | " | Yes .. | Yes | " 6 | " ${ }^{\text {c }}$ | Yes. | Yes. | " |
| Fortnigntly. | "' | " | '، | No | '* | Yes. | " | " | * |
| Fortnightly. | Yes | '، | ، | Yes | " | No. | ، | '6 | * |
| Fortuightly. | ، | " | ، | " | Yes | ، | " | " | * |
| Fortnightly. | $\cdots$ | " | " | No. | No. | " | No.. | No.. | / |
| Fortnightly. | " | " | " | " | " | '، | " | ${ }^{6}$ | * |
| Fortaightly. | " | " | " | Yes | '6 | Yes. | Yes. | Yes | " |
| Fortnightly. | " | " | No. | No. | " | No. | No | No | " |
| Fortnightly | No. | '6 | ، | '6 | ، | " | " | " | " |
| Fortnightly | Yes | " | " | ، | " | Yes | Yes | Yes | " |
| Fortnightly . | No. | " | ' | ، | " | No. | ${ }^{\prime}$ | * | ' |
| Fortnightly. | Yes | Yes. | Yes | ' ${ }^{\prime}$ | " | Yes | " | ، 6 | '6 |
| Fortnightly | " | '، | " | Yes | Yes | , | " | " | ' |
| Fortnightly. | No. | No. | No.... | No | No. | No | No | No. | '6 |
| Fortnightly | " | " |  |  |  | " | " | " | '6 |
| Fortnightly. | Yes .. | " | Yes | Yes | Yes | Yes. | Yes.. | Yes | " |
| Fortnightly | " | " | " | "، | 'r | " | " | " | " |
| Fortnightly. | " | " | No | No | No. | No. | No | No. | , |
| Fortnightly .... | " | " | " | '6 | " |  | " | ، | " |
| Fortnightly. .. | '، | " | Yes | '6 | " | , | ، | Yes. | " |
| Fortnightly. | " | " |  | ' | " | , | '6 | No. | Yes. |
| Weekly | No | '6 | " | Yes | Yes | '6 | ' ${ }^{\prime}$ | " | " |
| Fortnightly. | Yes | Yes | " | " | ، | ، | Yes | Yes. | N |
| Fortnightly. | 6 | '، | " | No. | ' | "' | No. | " | '6 |
| Fortnightly | " | No..... | " | Yes. | " | Yes.. | Yes. | ، | " |
| Fortnightly | , | ، | No. | " | " | No. | " | ' | ، |

COTTON MILL

|  |  | Where born. | Present residence. | Position. |  |  | Earnings. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\left\lvert\, \begin{aligned} & \dot{9} \\ & 80 \\ & c \end{aligned}\right.$ |  |  |  |  |  |  |  |  | - |
|  | 928 | Maine | Biddeford. | Loom fixer |  | 01.67 | \$460 |  | - | \$460 |
|  | 028 | Maine | Biddeford | Loom fixer |  | 01.65 | 465 |  |  | 465 |
|  | 129 | Canada | Biddeford | Loom fixer |  | 01.65 | 508 |  |  | 508 |
|  | 230 | Ireland | Saco | Loom fixer |  | 01.i2 | 325 |  |  | 525 |
|  | 339 | Maine | Waterville | Loom fi: e |  | 01.67 | 500 |  |  | 500 |
|  | 435 | Maine | Waterville | Loom fixer |  | 01.67 | 430 | - | \$250 | 680 |
|  | 535 | Canada | Lewiston | Loom fixe |  | 12.00 | 624 |  |  | 624 |
|  | 637 | Maine | Lewiston | Loum fixer |  | 02.00 | 600 | \$110 | 180 | 890 |
|  | 743 | Maine | Lewiston | Loom fixer |  | 10.2 .00 | 600 | 40 | 85 | 725 |
|  | $8{ }^{1} 45$ | England | Lewiston | Loom fixer |  | 11.95 | 548 |  | 450 | 998 |
|  | 933 | Canada | Auburn. | Loom fixer. |  | 01.75 | 525 | - | - | 525 |
|  | 023 | Canada | Biddeford. | Card stripper |  | 01.00 | 300 |  | - | 300 |
|  | 130 | Maine | Biddeford. | Picker.. |  | .. 1.00 | 260 |  | - | 260 |
|  | 230 | New York | Biddeford. | Card grinder |  | 10.50 | 420 | - | 350 | 770 |
| 53 | 332 | Canada | Biddeford. | Card grinder |  | 01.50 | 453 | - | - | 453 |
| 54 | 426 | Maine | Biddeford. | Card grinder |  | 0133 | 400 |  | - | 400 |
|  | 533 | Rhode Island | Biddeford. | Card grinder |  | 01.33 | 380 | - | - | 380 |
| 56 | 616 | Maine | Saco | Frame cleane |  | 10.60 | 180 | - | - | $1 \times 0$ |
|  | 74 + | Maine | Biddeford. | Machinist. |  | 01.91 | 575 | - | - | 575 |
|  | 830 | Maine | Biddeford | Machinist. |  | 101.50 | 450 |  | - | 450 |
|  | 942 | Maine | Saco | Machinist. |  | 01.67 | 500 | - | - | 500 |
|  | 024 | Massachusetts | saco | Machinis |  | $10\|1.17\|$ | 350 |  | - | 350 |
|  | 138 | Maine | Biddeford. | Carpente |  | 101.75 | 535 | - | - | 535 |
|  | 2.30 | Maine. | Biddeford. | Painter |  | 101.25 | 365 |  |  | 365 |
|  | 336 | Maine | Biddeford | Painter |  | 101.17 | 350 | - | 175 | 525 |
|  | 4.20 | Maine |  | Shaft boy |  | 01.00 | 296 | - | - | 296 |
|  | $519$ | Maine | Saco | Elevator | $10$ | 101.00 | 274 | - | - | 274 |
|  | $633$ | Maine | Biddeford. | Elevator |  | 101.00 | 300 | - | 200 | 500 |
|  | 757 | Maine | Biddeford. | Gatekeeper |  | 01.00 | 300 |  | 200 | 500 |
|  | 836 | Maine | Biddeford | Yard hand |  | 01.00 | 300 | - | 250 | 550 |
|  | 917 | Maine | Biddeford | Yarn boy |  | 01.00 | 240 | - | - | 240 |
|  | 024 | Maine ....... | Biddeford | Teamster |  | 01.25 | 350 | - | - | 350 |
|  | $1 / 43$ | Massachusetts . | Saco.. | Teamster |  | 01.25 | 345 | - | - | 345 |

COTTON MILL

| 117 |  | Biddeford. | Ca | 10.80 | 200 |  | - | 200 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 236 | Maine | Lewiston | Spinne | 10.90 | 253 | - |  | 253 |
| 322 | Maine | Biddeford. | spinner | 10.85 | 223 | - | - | 223 |
| 418 | Massachuset | Biddeford. | Spinner | 10 . 65 | 195 | - |  | 195 |
| 518 | Maine | Biddeford | High wind | 101.00 | 300 | - | - | 300 |
| 616 | Maine | Biddeford. | Filling winder | 10 . 58 | 120 | - |  | 120 |
| 718 | New Hampshire | Saco. | Filling winder | 10.58 | 172 | - |  | 172 |
| 822 | Maine | Saco | Spooler | 101.00 | 285 | - | 225 | 510 |
| 936 | Maine | Saco | Spooler | $10 \quad .90$ | 275 | - | - | 275 |
| 1017 | Maine | saco | Spooler | 10.75 | 218 | - | - | 218 |
| 1126 | Massachusetts | Biddefor | Warper | 101.00 | 300 | - | - | 300 |
| $12{ }^{27}$ | Maine | Saco | Beamer. | 101.40 | 400 | - | - | 400 |
| 13 23 | Maine | Biddefurd. | Web drawer | 101.00 | 250 | - | - | 250 |

HANDS-Continued.

| Expenses. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \stackrel{\rightharpoonup}{\mid} \\ & \underset{\sim}{\|r\|} \end{aligned}$ | $\begin{aligned} & \text { ro } \\ & \text { O } \\ & \text { 品 } \end{aligned}$ | 1-1 |  |  |  | - | 玉̇ + E-1 |  | $\begin{aligned} & \stackrel{\rightharpoonup}{0} \\ & \stackrel{\mu}{\Phi} \\ & \text { ه } \end{aligned}$ |
| \$96 | \$175 | $\$ 100$ | \$36 | \$3 | - | \$50 | \$460 |  |  |
| 96 | 200 | 60 | 43 |  | \$18 | 88 | 505 | - | \$40 |
| 102 | 250 | 100 | 35 | - | 15 | 100 | 602 | - | 94 |
| 66 | 300 | 80 | 42 | - | - | 37 | 525 |  |  |
| 84 | 275 | 86 | 38 | 6 | - | 11 | 500 |  |  |
| 75 | 200 | 85 | 45 | 12 | 30 | 53 | 500 | \$180 |  |
| Board.... | 228 | 40 | - | 13 | 51 | 10 | 342 | 282 |  |
| 129 | 350 | 150 | 60 | 14 | - | 16 | 719 | 171 |  |
| 144 | 200 | 100 | 40 | 19 | 25 | 22 | 550 | 175 |  |
| - | 200 | 100 | 30 | 5 | 24 | 41 | 400 | 598 |  |
| 90 | 350 | 60 | 22 | 4 | - | 9 | 535 |  | 10 |
| Board... | 156 | 30 | - | - | - | 40 | 226 | 74 |  |
| Board . . | 156 | 40 | - | - | - | 64 | 260 |  |  |
| 72 | 210 | 65 | 40 | 3 | - | 200 | 590 | 180 |  |
| 78 | 245 | 60 | 33 | - | - | 37 | 453 |  |  |
| 87 | 170 | 45 | 32 | 4 | - | 62 | 400 |  |  |
| 84 | 140 | 50 | 34 | 4 | - | 35 | 347 | 33 |  |
| Board . . | 104 | 25 | - | - | - | 51. | 180 |  |  |
| - | 270 | 140 | 39 | 6 | 17 | 70 | 542 | 33 |  |
| Board.... | 182 | 50 | - | 3 | - | 70 | 305 | 145 |  |
| Board ... | 208 | 40 | - | - | - | 150 | 398 | 102 |  |
| Board. . . . | 182 | 75 |  | - | - | 50 | 307 | 43 |  |
| 96 | 175 | 120 | 40 | 4 | 13 | 87 | 535 |  |  |
| 60 | 130 | 75 | 96 | 2 | - | 62 | 365 |  |  |
| 66 | 180 | 100 | 36 | - | - | 25 | 407 | 118 |  |
| Board.... | 156 | 45 | - | $\sim$ | - | 95 | 296 |  |  |
| Board.... | 156 | 45 | - | - | - | 73 | 274 |  |  |
| 96 | 140 | 100 | 35 | - | - | 50 | 421 | 79 |  |
| 48 | 150 | 75 | 40 | - | - | 187 | 500 |  |  |
| 78 | 250 | 100 | 37 | - | - | 85 | 550 |  |  |
| Board.... | 156 | 60 | - | - | - | 24 | 240 |  |  |
| 60 | 135 | 60 | 43 | - | - | 52 | 350 |  |  |
| 120 | 100 | 40 | 40 | 1 | - | 45 | 345 |  |  |

## HANDS. WOMEN.

| Board.... | 78 | 30 | - | - | - | 15 | 123 | 77 |
| :--- | ---: | ---: | :--- | :--- | :--- | ---: | ---: | ---: |
| Board.... | 100 | 50 | - | - | - | 50 | 200 | 63 |
| Board... | 130 | 35 | - | - | - | 58 | 223 |  |
| Board... | 104 | 30 | - | - | - | 61 | 195 |  |
| Board.... | 130 | 60 | - | - | - | 50 | 240 | 60 |
| Board.... | 91 | 15 | - | - | - | 50 |  |  |
| Board.... | 104 | 28 | - | - | - | 14 | 120 |  |
|  | 262 | 100 | - | - | - | 40 | 172 |  |
| Board... | 130 | 45 | - | - | - | 50 | 466 | 44 |
| Board.... | 130 | 35 | - | - | - | 50 | 225 | 50 |
| Board.... | 130 | 60 | - | - | - | 53 | 218 |  |
| Board... | 130 | 75 | - | - | - | 35 | 225 | 75 |
| Board.... | 117 | 83 | - | - | - | 120 | 330 | 70 |

COTTON MILL


COTTON MILL


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\end{array}
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HANDS-Concluded.

| How often paid? |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fortnightly. | No... | No.... | Yes | No. | No | No... | No... | No. | No. |
| Fortnightly. | Yes | " | ، | Yes | ، |  | ، | " | Yes |
| Fortuightly. | ، | " | '" |  | " | " | ، | ، | " |
| Fortnightly. | " | " | No. | , | " ${ }^{\prime}$ | " | " | " | No. |
| Fortnightly. | ، | " | Yes | " | Yes | " ${ }^{\prime}$ | Yes.. | " | ، |
| Fortnightly. | " | ، | ، | Yes ... | ' | Yes.. | " | Yes. | " |
| Fortnightly . | No | ' | " | " | " | No... | No.. | '، | " |
| Fortnightly. | Yes | '" | '، | " | '، | ' | " | ، | '6 |
| Fortnightly. | " | Yes | " | " | " | Yes.. | Yes. | " | ، |
| Fortnightly. | No.... | ، | " | " | " | No. | " | " | " |
| Fortnightly. | Yes | " | " | No..... | No..... | ' | No... | No... | Yes. |
| Fortaightly. | No .... | No .... | No.... | , | " | " | Yes.. | Yes.. | No. |
| Fortoightly. | ' | ، | " | '6 | " | " | No. | No.. | " |
| Fortnightly. | Yes | ، | Yes | " | " | Yes.. | Yes.. | Yes.. | " |
| Fortnightly. | No.... | " | No. | '" | " | No.. | " | No. . | " |
| Fortnightly. | Yes ... | " | " ${ }^{\text {c }}$ | Yes ... | " | " | " | " | ، |
| Furtnightly. | No. ... | ، | Yes |  | " | Yes.. | " | Yes | ، |
| Fortnightly. | " | ، | Nก... | No.... | " | No... | No | No.. | '، |
| Fortnightly. | Yes | " | '6 | Yes ... | " | Yes | Yes.. | Yes. | ، |
| Fortnightly. | No. | " | " | " | " | No.. | " | ' | " |
| Fortnig'tly. | Yes. | " | " | No..... | " | " | " | " | '، |
| Fortnightly. | No. | ، | " | "، | " | " | " | " | " |
| Fortnightly. | Yes | " | " | Yes.... | Yes.... | " | No.. | No.. | " |
| Fortnightly. | No. | " | " | * | No..... | " | " | " | ، ${ }^{\prime}$ |
| Fortnightly. | Yes | ، | " | No..... | " | " | ' ${ }^{\prime}$ | Yes | '6 |
| Fortnightly. | " | ، | ، | " | " | " | " | No. | " |
| Fortnightly. | No..... | " | " | " | " | " | " | " | " |
| Fortnightly. | Yes.... | " | " | " | " | Yes | Yes. | Yes.. | "6 |
| Fortnightly. | ، | ، | " | ، | " | No... | No... | No. | " |
| Fortnightly. | '، | " | " | ' | " | " | " | " | " |
| Fortnightly. . | No. . . | " | "، | 4 | " | " | " | " ${ }^{\prime \prime}$ | "، |
| Fortnightly. | Yes | "، | "، | '6 | " | "، | ، | " | ، |

HANDS. WOMEN-Continued.

| Fortnightly. | Yes | No. | No. | No..... | No. | No. | Yes.. | Yes.. | No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fortnightly. | No.... | "، | , | ، | ، | Yes.. | " | " | " |
| Fortnightly ..... |  | " | " | " | ، | No... | No... | No... | ${ }^{6}$ |
| Fortnightly..... | ، | " | " | " | " | " | " | '، | " |
| Fortaightly. .. | " | " | " | ${ }^{\prime}$ | " | " | " | Yes.. | " |
| Fortnightly.... | " | " | " | " | " | " | " | No | " |
| Fortnightly.... | ، | " | " | '6 | " | " | '6 | " | '6 |
| Fortnightly..... | " | " | " | ' | " | " | Yes.. | Yes | '6 |
| Fortnightly. .. | " | " | * | " | ، | " | No. | '، | ${ }^{6}$ |
| Fortnightly..... | " | " | " | " | " | " | " | No... | 6 |
| Fortnightly.... | " | " | ، | " | ، | " | " ${ }^{\text {c }}$ | Yes. | " |
| Fortnightly. | " | " | " | "، | ، | Yes |  |  | ، |
| Fortnightly. | ، | , | ، | ، | ، | No. |  |  | ' |

## COTTON MILL

|  |  | Where born. | Present residence. | Position. |  | Wages per day. | Earnings |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 号 |  |  |  |  |  |  |  |  | + |
|  | 48 | Maine ....... | Biddeford... | Weaver. |  |  |  | - | - | \$274 |
|  | 28 | Maine | Biddeford... | Weaver. |  | 1.00 | 300 | - | - | 300 |
|  | 27 | New Hampshire | Saco ... ... | Weaver. |  | 1.20 | 360 | - | - | 360 |
|  | H2 | Maine . . | Lisbon.. . . . | Weaver. | 10 |  | 350 |  | \$400 | 750 |
|  | 823 | Massachusetts .. | Saco.... | Folder |  |  |  | - |  | 250 |

WOOLEN MILL


## WOOLEN MILL




HANDS. WOMEN-Continued.

| Expensers. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 莒 | -80 |  |  |  |  | -80 | (\% | 号 |  |
| Board. ${ }^{\$ 65}$ | $\$ 90$ 104 | $\$ 78$ 60 | $\$ 20$ | - | - | \$21 | \$274 |  |  |
| 60 | -125 | 50 | 3 | - | - | 90 | 360 | \$86 |  |
| - 72 | 140 | 100 | 45 | - | - | 213 | 570 | 180 |  |
| Board .. | 145 | 65 |  | - | - | 40 | 250 |  |  |

HANDS.

| 84 | 140 | 90 | 40 | - | - | 70 | 424 | 76 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| - | 160 | 50 | 37 | - | - | 100 | 347 | 34 |
| Board.... | 182 | 75 | - | - | - | 93 | 350 | 100 |
| - | 175 | 65 | 38 | - | - | 35 | 313 | 68 |
| 60 | 100 | 40 | 38 | - | - | 112 | 350 |  |
| 96 | 180 | 70 | 39 | \$ | - | 85 | 474 | 26 |
| Board . . | 182 | 60 | - |  | - | 125 | 367 | 133 |
| 90 | 160 | 70 | 40 | 4 | \$35 | 40 | 439 | 81 |
| Board.... | 182 | 100 | - | - | - | 150 | 432 | 68 |
| - | 140 | 150 | 45 | - | - | 125 | 460 | 300 |
| 72 | 140 | 100 | 45 | - | 13 | 200 | 570 | 180 |
| Board.... | 182 | 68 | - | - | - | 100 | 350 |  |
| 114 | 180 | 100 | 50 | 8 | 25 | 50 | 527 | 43 |
| - | 300. | 125 | 40 | 2 |  | 133 | 600 |  |
| - 1 | 265 | 100 | 30. | - | - | 60 | 455 | 79 |

HANDS. WOMEN.

| Board... | 120 | 50 | - | - | - | 30 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Board $\ldots$ | 120 | 100 | - | - | - | 60 |
| Board.... | 120 | 100 | - | - | - | 285 |
| Board.. | 120 | 50 | - | - | - | 60 |
| 280 | 80 |  |  |  |  |  |

## MAKERS.

| 100 | 212 | 65 | 38 | 7 | 14 | 75 | 511 | 164 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 60 | 230 | 75 | 36 | - | - | 20 | 421 |  |
| 48 | 150 | 60 | 35 | 4 | - | 30 | 327 | 236 |
| Board.... | 312 | 100 | - | 10 | 20 | 200 | 642 |  |
| Board... | 208 | 93 | - | 4 | - | 131 | 436 | 140 |
| Board... | 208 | 60 | - | - | 4 | - | 250 | 522 |
| Board.... | 18. | 60 | - | 4 | - | 54 | 300 | 64 |
| Board... | 208 | 75 | - | 20 | - | 273 | 576 |  |
| Board.... | 182 | 45 | - | - | - | 53 | 280 | 106 |
| Board.... | 182 | 70 | - | - | - | 40 | 292 | 158 |
| Board... | 182 | 95 | - | - | - | 208 | 45 |  |
| Board ... | 130 | 26 | - | - | - | 34 | 190 |  |

## COTTON MILL

|  | Days Lost． |  |  |  |  |  |  |  | $\begin{aligned} & 0 \\ & { }_{z}^{3} \\ & \end{aligned}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { 号 } \\ & \stackrel{\rightharpoonup}{0} \\ & \stackrel{\rightharpoonup}{4} \\ & \stackrel{0}{\circ} \\ & \stackrel{\rightharpoonup}{4} \end{aligned}$ |  |  |  | $\begin{gathered} \stackrel{\rightharpoonup}{\vec{y}} \\ \stackrel{⿴ 囗 十 ⺝ 刂}{*} \end{gathered}$ |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 14 \\ & 15 \\ & 16 \\ & 17 \\ & 18 \end{aligned}$ | － |  | 26 5 5 36 12 | 31 5 5 36 12 | - - - |  | - <br>  | － | - 3 4 | 1 1 1 1 1 | － | － |

WOOLEN MILL

| 1 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | － | － | － | 2 | 1 | \＄1，200 | － | － | 4 | 1 | － | － |
| 3 | － | － | 5 | 5 | － | － | － |  |  |  | － |  |
| ， | － | － | 5 |  | 1 | 1，000 | － | － | 4 |  | － |  |
| 5 | － | － | 25 | 25 | － | － | － | － | 2 |  | － |  |
| 6 | － | － | 12 | 12 | － | － | － | － | 4 | 1 | － |  |
| 8 | － | － | ${ }_{6}^{23}$ | ${ }_{6}^{23}$ | － | － | － | － |  |  | － |  |
| 9 | － | － | $\bullet 6$ | 6 |  |  | － | － | $-{ }^{3}$ | 1 |  |  |
| 10 | － | － | 12 | 12 | 1 | 1，200 | － | － | 2 | 2 | － |  |
| 11 12 | － | － | － | － | － | － | － | － | － 4 | ${ }_{2}$ | － |  |
| ${ }_{13}$ | － | － | － | － |  |  | － | － |  |  |  | － |
| 14 | － | － |  | 5 | ， | 1，500 | － | － | 8 | 1 | － | － |
| 15. | － | － | － | － |  | 1，000 | － |  | 6 |  |  |  |

WOOLEN MILL | 1 |  |  |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: | :--- | :--- | :--- | :--- | :--- | :--- |
| 2 |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | - | - | - | 205 | 20 | - | - | - | - | - | 1 | - |
| 4 | - | - | 6 | - | - | - | - | - | 1 | - | - |  |
| 4 | - | 5 | 5 | - | - | - | - | 1 | - | - |  |  |

SHOE


HANDS．WOMEN－Concluded．

| How often paid？ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fortnight | Yes | No． | No． | No． | No． | No． | No． | No． | No． |
| Fortnightly | No． | ， | ＂ | ، | ＂، | Yes． | Yes． | Yes． | ${ }_{6}$ |
| Fortnightly | ＇ | ، | 6 | 6 | ، 6 | No． | No． | No．． | 16 |
| Fortnightly． | Yes． | ＇6 | 16 | ${ }^{6}$ | 6 | ＂ | Yes． | Yes． | 16 |
| Fortnightly． | No． | 6 | ＇6 | 6 | ${ }^{6}$ | ، | No． | No． | 1 |

## HANDS－Concluded．

| ghty | Yes | No． | No． | No． | No． | No．．． | Yes．． | Yes．． | No． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fortnightly | ، | ، | 6 | ＊ | －6 | ＊ | ${ }^{6}$ | 6 | ${ }_{6}$ |
| Monthly．．． | No． | ${ }^{6}$ | 66 | 6 | 6 | 6 | ، | ＊ | 16 |
| Fortnigbtly | No． | 6 6 | ${ }^{6}$ | ＊ | ＊ | ، 6 | ＊ | ＇6 | 6 |
| Fortnightly． | Yes | 6 | ＂ | ${ }^{6}$ | 6 | 6 | No． | No | 6 |
| Fortnightly．．．．． | No． | ، | Yes | Yes．．．． | 16 | ＂ | Yes．． | Yes．． | 66 |
| Fortnightly． | ، | 6 | No． | No． | 6 | Yes．． | 66 | ${ }_{6}$ | 6 6 |
| Fortnightly． | Yes | 6 | ＇6 | Yes．．．． | 16 | ${ }^{\prime}$ | 6 | 6 6 | 66 |
| Fortnightly | No． | 6 | ، 6 | No． | 16 | No．．． | 6 | 6 6 | 6 6 |
| Fortnightly | ${ }^{6}$ | ＊ 6 | 6 | ＊ | ${ }^{6}$ | ${ }^{6}$ | ＂ | 6 | 6 6 |
| Fortnightly． |  | ${ }^{6}$ | 18 | ＊ | ، | ＊ | 6 | ${ }^{6}$ | d |
| Fortnightly | No． | 66 | ＂ | ＇6 | ＂ | ${ }^{6}$ | No． | No．． | 6 |
| Fortnightly． | ، | 6 | Yes | Yes | Yes | Yes．． | Yes． | Yes．． | 6 6 |
| Fortnightly | ＂ | ${ }^{\prime}$ | No． | No．．．．． | No．． | No．．． | 6 | No．． | ${ }^{\prime}$ |
| Fortnightly． | Yes | ، | 6 | 6 | ${ }^{\prime}$ | ＂ | ， | Yes． | ، |

## HANDS．WOMEN－Concluded．



## MAKERS－－Continued．

| Fortnightly | No．．．．． | No．．．．． | Yes | Yes | Yes．． | Yes． | No． | Yes | No |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weokly ．．． | No． | ＂s | No．．．．． | No．．．．． | No | No ．． | ${ }^{6}$ | No．． | 6 |
| Weekly | 16 | 6 | Yes． | Yes | Yes．．．． | ＂ | Ies． | Yes． | ＂ |
| Weekly ．．．．．．．． | 6 | ${ }^{6}$ | 66 | ، | ＇ | ＂ | No． | No． | Yes． |
| Weekly ．．．．．．．． | ＊ | 6 | ، | No | No．．．． | ${ }^{6}$ | Yes． | Yes．． | No．． |
| Weekly | 6 | ＇ | 6 | ، | ＇6 | 6 | No．．． | No． | ، |
| Weekly ．．．．．．．． | ${ }^{6}$ | 6 | ＇ | ${ }^{66}$ | ＇6 | 6 | ＇ | Yes．． | ＂ |
| Weekly．．．．．．．．． | 6 | ${ }^{6}$ | ＇ | Yes．．．． | Yes．．．． | ＇ | ＂ | No． | 16 |
| Weekly ．．．．．．．． | 6 | ${ }^{6}$ | No．． | No．．．．． | No．．．．． | 6 | Yes．． | Yes．． | 6 |
| Weekly ．．．．．．．． | 6 | ＂ | ${ }^{\prime \prime}$ | ＇ |  | 6 | ${ }^{\prime}$ |  | ， |
| Weekly | 6 | 6 | ${ }^{6}$ | ＇6 | 6 | ، | No．． | No．．． | 6 |
| Weekly．．．．．．．．． | ＇6 | ${ }^{6}$ | 6 | $1{ }^{1}$ | 4 | ＇ 1 |  |  | 6 |

SHOE


MAKERS—Continued.

| Expenses. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \stackrel{\rightharpoonup}{0} \\ & \text { © } \\ & \text { © } \end{aligned}$ |  | $\begin{aligned} & \dot{30} \\ & \stackrel{y}{E} \\ & \stackrel{\rightharpoonup}{0} \\ & 0 \end{aligned}$ |  | $\begin{aligned} & \text { o. } \\ & \stackrel{0}{0} \\ & \mathbf{0} \\ & \stackrel{0}{0} \\ & \dot{8} \\ & \text { in } \end{aligned}$ |  |  | + | 完 | $\dot{ \pm}$ ¢ ¢ ¢ |
| Board ... | \$156 | \$84 | - | - | - | \$24 | \$264 | \$89 |  |
| \$40 | 160 | 80 | \$40 | \$7 | - | 55 | 382 |  |  |
| 144 | 242 | 50 | 42 | 4 | - | 62 | 544 | - | \$11 |
| 96 | 150 | 70 | 44 | 3 | - | 67 | 430 | 88 |  |
| 96 | 143 | 54 | 46 | 3 | - | 27 | 369 |  |  |
| 144 | 118 | 100 | 38 | - | - | 25 | 425 | 75 |  |
| - | 215 | 60 | 33 | 1 | - | 130 | 439 | 201 |  |
| - | 130 | 80 | 47 | - | - | 165 | 422 | 188 |  |
| 78 | 156 | 159 | 30 | 4. | - | 126 | 553 |  |  |
| 100 | 230 | 160 | 45 | 7 | - | 148 | 690 |  |  |
| 96 | 287 | 120 | 45 | 4 | $\$ 32$ | 83 | 667 |  |  |
| - | 186 | 74 | 38 | 4 |  | 115 | 417 | 179 |  |
| - | 131 | 170 | 42 | 6 | 11 | 270 | 630 | 344 |  |
| - | 135 | 107 | 41 | 1 | - | 168 | 452 | 51 |  |
| Board ... | 208 | 90 | - | - | - | 76 | 374 | 40 |  |
| Board.... | 195 | 68 | - | 6 | - | 55 | 324 |  |  |
| Buard.... | 182 | 54 | - | 4 | -• | 60 | 300 | 100 |  |
| Board. . . | 172 | 50 | - | 3 | - | 33 | 258 | 204 |  |
| Board... | 157 | 75 | - | 4 | - | 110 | 346 |  |  |
| Board.... | 208 | 70 | - | - | - | 176 | 454 | 200 |  |
| 84 | 187 | 112 | 42 | - | - | 25 | 450 |  |  |
| 96 | 185 | 108 | 47 | 1 | - | 51 | 488 | 40 |  |
| 60 | 145 | 55 | 34 | 6 | 8 | 25 | 333 | - | 13 |
| 84 | 135 | ${ }_{62}$ | 38 | - | - | 77 | 396 |  |  |
| - | 218 | 162 | 43 | 5 | 42 | 157 | 627 | 513 |  |
| Board. .. | 364 | 138 | - | 4 | - ${ }^{1}$ | 87 | 593 | 452 |  |
| 92 | 215 | 60 | 37 | 5 | 9 | 64 | 482 |  | 94 |
| 96 | 210 | 136 | 38 | 4 | - | 48 | 562 | - | 62 |
| 72 | 178 | 86 | 39 | 4 | - | 141 | 520 | 50 |  |
| Board.... | 260 | 50 |  | 4 | 12 | 286 | 600 |  |  |
| 120 | 140 | 70 | 38 | 5 | 22 | 94 | 489 | 111 |  |
| 72 | 300 | 75 | 37 | 4 | - | 40 | 528 |  |  |
| 120 | 150 | 65 | 45 | 8 | - | 162 | 550 | 217 |  |
| - | 200 | 50 | 30 | 20 | - | 25 | 325 | 233 |  |
| - | 275 | 60 | 35 | 8 | - | 90 | 468 |  |  |
| 72 | 160 | 50 | 40 | - | - | 10 | 332 | 192 |  |
| - | 360 | 60 | 40 | 3 | - | 44 | 507 | 153 |  |
| - | 168 | 60 | 42 | 6 | 110 | 125 | 511 | 264 |  |
| - | 156 | 125 | 35 | 9 | 7 | 50 | 382 | 138 |  |
| 62 | 218 | 26 | 32 | 7 | - | 35 | 380 |  | 100 |
| 120 | 154 | 50 | 38 | 10 | ${ }^{7}$ | 41. | 420 |  |  |
| 91 | 130 | 40 | 27 | 6 | 38 | 2.5 | 357 | - | 9 |
| - | 194 | 48 | 37 | 4 | - | 45 | 328 | 57 |  |
| Board. | 182 | 86 | - | - | - | 162 | 430 |  |  |
| Board.. | 182 | 60 | - | $-$ | - | 168 | 410 | 50 |  |
| Board. . . | 208 | 84 | - | 3 | - | 121 | 416 | 100 |  |
| Board.... | 195 | 60 | - | 4 | - | 47 | 306 |  |  |
| Board. . . | 182 | 125 | - | 6 | - | 60 | 373 | 107 |  |
| Board. . . | 182 | 40 | - | 10 | - | 25 | 257 | 213 |  |
| Board ... | 182 | 40 | - | 12 | - | 50 | 284 | 40 |  |
| Board. | 156 | 27 | - | - | - | 50 | 233 | 127 |  |



MAKERS-Continued.

| How often paid? |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | No | No..... | No..... | No... | No. | No... | No... | Yes. | No. |
| Weekly | ، | " | " | Yes | Yes | " | Yes.. | No.. | " |
| Weekly | " | " | " | No... | No. | " | No... | ${ }^{\prime}$ | Yes. |
| Fortnightly .... | Yes.... | ' | " ${ }^{\prime}$ | Yes .. | ' | " | Yes.. | Yes.. | No |
| Weekly... | No..... | ، | Yes ... | No | '، | " | No | No. | " |
| Weekly. | ، | " | No..... | '6 | " | Yes.. | Yes.. | Yes | * |
| Weekly | " | " | " | " | " | No... | " | ، | ، |
| Weekly | ، | ' | " | " | " | ' | " | '، | " |
| Weekly | " | " | Yes.... | " | " | ' | No.. | No... | '6 |
| Weekly. | " | " | '. | ، | " | ${ }^{6}$ | " | " | ، |
| Fortnightly | Yes.... | ، | " | " | " | " | " | '6 | 6 |
| Fortnightly. | " | " | " | '" | " | ، | Yes.. | Yes.. | " |
| Weekly ....... | No..... | '" | " | Yes.... | " | " | ، | " | " |
| Weekly ....... | " | ، | $\mathrm{N}^{1}$ | " | '6 | " | ، | " | '6 |
| Weekly ...... | " | " | " | No | " | " | '" | " | " |
| Fortnightly . ... | " | " | Yes.... | Yes. | " | '" | No... | No... | " |
| Weekly .... ... | " | " | " | No.... | " | Yes.. | Yes. | Yes.. | " |
| Weekly | ، | " | " | " | '6 | " | " | - | " |
| Fortnightly..... | '، | " | " | " | 6. | No.. | No... | No... | " |
| Fortnightly.... | " | " | No..... | ، | " | - | " | Yes.. | '، |
| Weekly ........ | " | " | '6 | " | " | '6 | " | No.. | ${ }^{6}$ |
| Weekiy ........ | " | " | " | Yes.... | " | Yes | Yes.. | Yes.. | ${ }^{6}$ |
| Weekly | " | " | " | No.... | " | " | " | No... | Yes. |
| Fortnightly.... | Yes | " | " ${ }^{\prime}$ | ** | " | No. | No. | " ${ }^{\prime}$ | No. |
| Weekly ....... | No. | " | Yes. | Yes | ' | " | Yes. | Yes.. | " |
| Weekly ........ | " | " | " | No..... | '، | " | ، | " | " |
| Weekly ........ | " | " | ، | " | " | ، | No.. | No... | Yes. |
| Weekly........ | " | " | " | ، | " | ' 6 | " | " | " |
| Weekly ........ | ' | " | " | " | " | ، | Yes.. | Yes.. | No. |
| Weekly ........ | ' | ، | ، | Yes.... | ، | " | " | No... | " |
| Fortnightly .... | "' | ، | ، | " | ' | - | " | Yes.. | ، |
| Fortnightly | Yes. | ${ }^{6}$ | ، | " | "' | " | " | No. | " |
| Weekly. | No. | " | "' | " | Yes.... | " | " | res.. | " |
| Weekly | " | " | ، | "' | " | " | " | " | " |
| Weekly | " | " 6 | " | No.... | No..... | '، | " | No. | " |
| Weekly | " | '" | " | " | Y ${ }^{\text {c }}$ | '6 | No... | Yes.. | " |
| Weekly | " | Yes | " | " | Yes | Yes. | Yes.. | " | " |
| Week!y | " | No. | " | Yes | $\mathrm{V}_{0}$ | No.. | " | ، | " |
| Weekly | " | " ${ }^{\prime}$ | ، | , " | les | " | " | " | " |
| Weekly | ' | " | No. | No. .. | No. ${ }^{\text {c, }}$ | " | " | No... | Yes. |
| Weekly | ، | " | Yes... | les | Yes... | " | No | " | No |
| Weekly.... | " | " | "، | "، | " | er | " | ، | Yes. |
| Weekly.... | " | " | " ${ }^{\text {c }}$ | " | N0 | Yes.. | Yes.. | Yes.. | No |
| Weekly.. | "' | " | No.... | No..... | No.... | No.. | No... | No.. | " |
| Fortnightly | " | " | "، | " | " | "' | Yes. | Yes.. | " |
| Fortnightly | ' | '، | '" | Yes .. | " | " | " | " | " |
| fortnightiv |  | " | Yes | No.... | -" | " | " | No.. | " |
| Fortnightly .. | " | " | " | Yes.... | Yes.... | ' ${ }^{\prime}$ | '6 | Yes.. | " |
| Weekly ........ | " | '، | " | ${ }^{\prime}$ | ${ }^{\prime}$ | Yes. | " | '، | '6 |
| Weekly | " | " | - | No..... | No.... | " | " | " | " |
| Weekly... | ' | ، | No...... | '* | ، | '، | " | ، | " |

SHOE


## MAKERS-Continued.

| Expenses. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{r} \dot{\Delta} \\ \underset{\sim}{\Delta} \\ \hline \end{array}$ | $\begin{aligned} & \text { ®i } \\ & \text { Bum } \end{aligned}$ | $\begin{aligned} & \dot{80} \\ & \stackrel{\rightharpoonup}{\vec{~}} \\ & \stackrel{0}{0} \\ & 00 \end{aligned}$ |  | $\begin{aligned} & \dot{0} \\ & \stackrel{0}{0} \\ & 0 \\ & \stackrel{0}{0} \\ & \stackrel{0}{0} \\ & 0 \end{aligned}$ |  |  | - | 关 |  |
| \$54 | \$200 | \$100 | \$40 | \$5 | - | \$75 | \$474 |  |  |
| 96 | 160 | 45 | 39 | 5 | \$18 | 85 | 448 | - | \$18 |
| 84 | 200 | 90 | 38 | 4 | 8 | 30 | 454 |  |  |
| 84 | 140 | 65 | 38 | 4 | - | 69 | 400 | \$214 |  |
| 0 | 400 | 100 | 40 | 4 | - | 26 | 570 | 254 |  |
| 60 | 180 | 50 | 38 | , | - | 53 | 383 | - | 38 |
| Board.... | 218 | 50 | - | 9 | - | 23 | 300 | 258 |  |
| Board ... | 195 | 65 | - | 5 | - | 250 | 515 | 162 |  |
| Board.... | 208 | 57 | - | - | - | 105 | 370 |  |  |
| Board ... | 182 | 40 | - | - | - | 240 | 462 |  |  |
| Board ... | 156 | 60 | - | 4 | - | 2.5 | 245 | 175 |  |
| - | 194 | 100 | 41 | 4 | - | 184 | 523 | 590 |  |
| - | 117 | 52 | 42 | 8 | 16 | 80 | 315 | 265 |  |
| 75 | 125 | 70 | 40 | 3 | - | 35 | 348 | 68 |  |
| - | 250. | 60 | 39 | 4 | - | 130 | 483 |  |  |
| Board.... | 19. | 55 |  | 2 | - | 174 | 426 | 123 |  |
| 78 | 165 | 76 | 42 | 4 | - | 35 | 400 |  |  |
| - | 246 | 80 | 42 | 10 | 14 | 65 | 457 | 67 |  |
| - | 130 | 40 | 39 | 10 | 6 | 70 | 295 | 41 |  |
| Board.... | 156 | 100 | - | 4 | \%0 | 61 | 371 | 250 |  |
| 120 | 100 | 55 | 40 | 9 | - | 166 | 490 |  |  |
| 104. | 200 | 50 | 20 | 5 | - | 121 | 500 | 220 |  |
| 90 | 200 | 50 | 36 | - | - | 90 | 466 | - | 16 |
| - | 200 | 100 | 25 | 3 | - | 22 | 350 | 350 |  |
| 72 | 146 | 152 | 43 | 8 | 25 | 93 | 539 | 257 |  |
| - | 325 | 175 | 44 | 4 | - | 100 | 648 |  |  |
| - | 180) | 60 | 43 | 3 | 20 | 30 | 336 | 194 |  |
| Board ... | 312 | 90 | - | 2 | 27 | 79 | 510 |  |  |
| - | 178 | 1 m 6 | 45 | 9 | 15 | 27 | 430 | 120 |  |
| 96 | 178 | 143 | 38 | 7 | 13 | 149 | 624 |  |  |
| 100 | 150 | 40 | 40 | 16 | - | 154 | 500 | 130 |  |
| Board .. | 182 | 60 | - | 4 | - | 313 | 559 |  |  |
| 80 | 136 | 60 | 39 | - | - | 47 | 362 | 68 |  |
| - | 150 | 40 | 35 | 10 | - | 115 | 350 | 398 |  |
| - | 140 | 72 | 37 | 6 | 5 | (191) | 350 | 90 |  |
| - | 215 | 60 | 39 | - | - | au | 364 | 128 |  |
| 100 | 175 | 50 | 42 | - | - | 89 | 456 |  |  |
| ${ }^{84}$ | 163 | 100 | 37 | 8 | 10 | 48 | 450 | 150 |  |
| Board.... | 169 | 50 |  | 4 |  | 10. | 325 | 114 |  |
| 24 | 125 | 90 | 30 | , | - | 131 | 404 |  |  |
| - | 300 | 85 | 65 | 9 | 12 | 50 | 521 | 171 |  |
| 108 | 230 | 60 | 36 | 7 | - | 13 | 454 | 20 |  |
| - | 250 | 75 | 40 | 4 | - | 41 | 410 | 152 |  |
| - | 170 | 50 | 30 | - | - | 25. | 275 | 205 |  |
| 92 | 130 | 50 | 38 | 4 | 12 | 34 | 360 |  |  |
| Board.... | 234 | 50 | - | - | - | 166 | 450 | 150 |  |
| . | 150 | 50 | 40 | 22 | - | 38 | 300 | 368 |  |
| 108 | 260 | 79 | 48 | 9 | 11 | 149 | 664 | 60 |  |
|  | 153 | 60 | 45 | 7 | 11 | 24 | 300 | 402 |  |
| - | 165 | 100 | 38 | 11. | 26 | 40 | 380 | 85 |  |
| - | 135 | 60 | 35 | 5 | 8 | 70 | 313 | 155 |  |

SHOE


MAKERS－Continued．

| How often paid？ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly． | No． | No．， | Yes．． | Yes．． | No． | No．． | Yes． | No．．． | No． |
| Weekly | ، | ， | ＂ | ， | Yes | ＂ | ، | ＇6 | Yes． |
| Weekly | ${ }^{6}$ | ＂ | ، | ＂ | No | ＂ | No．．． | ＂ | No． |
| Weekly | ＇6 | ＂ | ＂ | No | ＇ | ＂ | ، | Yes． | ． 6 |
| Weekly | ＂ | ＂ | ＂ | ، | ＂ | ، | Yes． | ＇، | ＂ |
| Fortnightly | Yes | ＂ | No． | ، | ＂ | ＂ | No | No | Yes． |
| Weekly | No． | ＂ | Yes．．．． | Yes． | Yes．． | Yes． | Yes．． | Yes．． | No |
| Weekly | ＂ | ＂ | ＂ | ، | ＂ | No． | ، | ＇ | ، |
| Weekly | － | ＇، | No．．．．． | No． | No． | ＂ | No．．． | No．．． | ＂ |
| Fortnightly． | $\cdots$ | ＂ | ＂ | ＇، | ، | ＂ | ＂ | ＂ | ＂ |
| Weekly | ＇ | ＂ | Yes | Yes | ＂ | ＂ | Yes．． | Yes．． | ＂ |
| Weekly | ＂ | ＂ | ＂ | No | ＇6 | ＂ | ＂ | ＂ | ＇6 |
| Weekly | ، | ＂ | ، | Yes． | Yes．．．． | ＊ | ＂ | ＂ | ، |
| Weekly | ＇6 | ، | ＊ | No． | No．．．． | ＂ | No．．． | ، | ＇، |
| Weekly | ، | ＂ | ＂ | ، | ، | ＂ | ＇• | No．． | ${ }^{6}$ |
| Weekly． | ، | ＂ | ، | ＂ | ＂ | ＇6 | Yes． | Yes．． | ، |
| Weekly． | ＂ | ، | ، | ＂ | ＂ | ، | ، | No．． | $\cdots$ |
| Weekly | ، | ، | ＊ | Yes． | Yes．．．． | ＂ | ＇، | Yes．． | ، |
| Weekly | ＇6 | ، | ، | ＂ | ＂ | ＂ | ، | ＂ | ، |
| Weekly | ، | ＂ | ＂ | No． | No． | Yes．． | ＇، | ＂ | ＂ |
| Weekly | ＇6 | ＂ | ، | Yes．．．． | Yes．．．． | ＂ | ＇6 | No．．． | ＇6 |
| Weekly ．．．． | ＇ | ＂ | ＂ | ＂ | ＂ | No．．． | ＂ | Yes．． | ، |
| Fortnightly | Yes | Yes ．． | No． | No | No．．．． | ＂ | No．． | No．． | Yes． |
| Weekly | No． | No．．．． | Yes | Yes | ＇6 | Yes．． | Yes．． | Yes．． | No． |
| Weekly |  | ＂ | ＂ | ＂＇ | ＂ | ＂${ }^{\prime}$ | 6 | ＂ | ＂ |
| Weekly | ＂ | ＂ | ＂ | No． | ＂ | No．． | ＂ | No．．． | ＂ |
| Weekly | ＇ | ＂ | ＂ | Yes．．．． | ＂ | ＊ | ＂ | Yes．． | ＂ |
| Weekly | ＂ | ＂ | ＂ | No．．．．． | ＂ | ＇6 | ＇، | No．． | ، |
| Weekly | ＇6 | ＂ | ＂ | Yes．．．． | Yes．．．． | ＂ | ＇ | Yes．． | ＂ |
| Weekly | ، | ＂ | ＂ | ＇6 | ＂ | ＂ | No．． | No． | ＂ |
| Weekly． | ＂ | ＂ | ＂ | ＂${ }^{\text {c }}$ | ＂ | Yes．． | Yes．． | Yes． | ＂ |
| Weekly | ＂ | ＂ | ＂ | No．．．． | No．．．． | No．． | No． | No． | ، |
| Fortnightly | Yes | ＂ | ＂ | ＂ | ＂ | ＂ | Yes． | Yes．． | ＊ |
| Weekly | No． | ، | ، | Yes | Yes．．．． | Yes．． | ＂ | ＂ | ＂ |
| W eekly | ، | ＂ | ، | ＂ | ＂ | No．． | ＇، | ＂ | ، |
| Weekly | ${ }^{6}$ | ＂ | ، | No． | No | ＂ | ＂ | － | ＂ |
| Fortnightly． | Yes． | ، | No． | ＂ | －＂ | ＂ | ＇، | No．． | ، |
| Weekly | No． | ، | Yes | Yes． | Yes． | Yes | ＂ | Yes | ＂ |
| Weekly |  | ＂ | ${ }^{\prime}$ | No | No | No．． | ＂ | ＂ | ، |
| Weekiy | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | No． | No．． | ＂ |
| Weekly | ، | ＇6 | ＂ | Yes．．．． | Yes．．． | Yes． | Yes． | Yes． | ＂ |
| Weekly． | ＂ | ， | ، | ＂ | ، | No．． | 6 | ＂ | ＂ |
| Weekly | ، | ＂ | ＊ | ＊ | ＂ | ＂ | ＂ | ، | ＂ |
| Weekly． | ＂ | ＂ | ＂ | No． | No．． | ＂ | ＂＇ | ＇، | ＂ |
| Weekly | ＂ | ＂ | ＂ | Yes | Yes | ＇، | No．．． | No．． | ＂ |
| Fortnightly． | ، | Yes | No． | No． | No．．． | ＂ | Yes．． | Yes | ، |
| Weekly | ＂ | No． | Yes | Yes | Yes | ＂ | ＂ | ＂ | ＂ |
| Weekly． | ＂، |  | ، | ، | 6 | ، | ، | ＂ | ، |
| Weekly | ＂ | ＂ | ＂ | ＂ | ＇ | ＇＂ | ＇6 | ＂ | ＂ |
| Weekly | ＂ | ＂ | ＂ | ＂ | ＇، | Yes． | ＇ | ＂ | ، |
| Weekly | ＇6 | －، | ، | ＇، | ＇ | No． | ، | ＂ | ، |

SHOE


|  |  |  |  |  | SHOE |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 133 M |  | Lining maker | 101.92 | 243 | - | 187 | 430 |
| 218 Maine | Hallowell | Lining maker | 10.72 | 168 | - |  | 168 |
| 320 Maine | Gardiner | Lining maker | 10.75 | 216 | - | - | 216 |
| 426 Maine | Richmond | Lining maker | 10 . 65 | 200 | - |  | 200 |
| 527 Maine | Gardiner | Seam stayer | 101.50 | 405 | - | 430 | $\times 35$ |
| 618 Maine | Hallowell. | Seam stayer | 1011.05 | 309 | - | .- | 309 |
| 724 Maine | Hallowell | Seam stayer | $10 . .57$ | 168 | - | - | 168 |
| 833 Maine | Belfast | Vamper | 1011.21 | 287 | - | - | 287 |
| 9 27 Maine | Bangor | Vamper | 101.80 | 462 | - | - | 462 |
| 1025 Maine | Gardiner | Vam per | 101.00 | 240 | - | . | 440 |
| 1137 Maine | Richuond | Vamper | 10.82 | 235 |  |  | 235 |
| 1226 Maine | Gardiner | Vamper | 10.86 | $2+1$ | - | - | 241 |
| 1335 Maine | Hallowell | Vamper | 10 1.31 | 25 x | - |  | 258 |
| 1425 Maine | Hallowell | Vamper | 101.32 | 320 | - | - | 320 |
| 1538 Maine | Richmond. | Vamper | $\begin{array}{ll}10 & .83\end{array}$ | 245 | - | - | 245 |
| 1633 Maine | Richmond. | Vamper | 10.75 | 234 | - | 500 | 734 |
| 1734 Maine | Richmond. | Vamper | 10.95 | 220 | - | 400 | 620 |
| 1837 Maine | Richmond. | Vamper | $10 \quad .97$ | 227 | - | 225 | 452 |
| 1924 Maine | Hallowell | Stitoher | 101.20 | 300 | - |  | 300 |
| 2034 Maine | Gardiner | Stiteher | 10.67 | 14. |  |  | 148 |
| 2130 Maine | Belfast | Stitcher | 101.33 | 328 |  |  | 328 |
| 2232 Maine | Richmond | Stitcher | 10 . 64 | 19t |  | 285 | 481 |
| 23:40 Maine | Gardiner | Eyeleter | 101.54 | 460 |  | 210 | 670 |
| 2434 Maine | Gardiner | Barrer. | 1011.20 | 253 | \$77 | - | 330 |

## MAKERS-Continued.

| Expenses. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { 若 } \\ & \text { a } \end{aligned}$ | - | $\begin{aligned} & \dot{80} \\ & \dot{B} \\ & \dot{B} \\ & \stackrel{0}{0} \\ & 0 \end{aligned}$ |  |  |  |  | - | ¢ |  |
| - $\quad \mathbf{7 2}$ | \$165 | \$50 | 843 | \$t | \$9 | \$107 | \$450 | - |  |
| - | 230 | 75 | 36 | 9 | 20 | 40 | 410 | $\$ 20$ |  |
| 102 | 168 | 56 | 35 | 7 | 18 | 50 | 436 | 64 |  |
| - | 150 | 50 | 40 | 12 | - | 228 | 480 | 70 |  |
| - | 360 | 50 | 24 | 6 | - | 136 | 578 | + |  |
| 10 | 157 | 90 | 40 | 9 | 14 | 100 | 410 | 120 |  |
| 100 | 250 | 125 | 35 | 10 | 50 | 75 | 645 | 75 |  |
| Board.... | 156 | 75 | - | 2 | - | 223 | 456 |  |  |
| Board... | 156 | 45 | - | - | - | 24 | 22.5 |  |  |
| 100 | 200 | 125 | 60 | - | - | 140 | 625 |  |  |
| - | 145 | 75 | 43 | 10 | - | 227 | 500 | 125 |  |
| - | 170 | 80 | 52 | 1 | - | 237 | 540 | $-$ | \$150 |
| 91 | 240 | 70 | 43 | 2 | - | 39 | 489 | - | 25 |
| 84 | 160 | 100 | 42 | 6 | - | 78 | 470 | 50 |  |
| - | 216 | 140 | 40 | 8 | - | 216 | 620 |  |  |
| Board.... | 208 | 57 | - | 1 | - | 174 | 440 | 160 |  |
| 84 | 170 | 110 | 30 | 8 | 13 | 25 | 440 | 160 |  |
| Board... | 182 | 80 | - | 1 | - | 175 | 438 | 162 |  |
| Board.... | 178 | 00 | - | - | - | 161 | 389 | 123 |  |
| 96 | 250 | 60 | 38 | 12 | - | 44 | 500 |  |  |
| 120 | 220 | $10 \times$ | 45 | 12 | - | 102 | 607 |  |  |
| - | 430 | 170 | 46 | - | - | 204, | 850 |  |  |

## MAKERS. WOMEN.



SHOE


SHOE


## MAKERS－Concluded．

| How often paid？ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fortnightly | Yes．．．． | No． | Yes | No． | No． | No．．． | No． | No． | No． |
| Weekly ．．．． | No． | ＂ | ، | Yes | Yes | ＂ | Yes | Yes．． | ، |
| Fortnightly | ، | ، | ، | ＂ | ＂ | Yes．． | ＇ | ＂ | ， 6 |
| Weekly | ＇، | ، | ＂ | ＂ | ، | ＇ | ＂ | ＂ | ＇6 |
| Weekly | ، | ＇6 | ＂ | No． | No． | No． | ＂ | No | ＂ |
| Weekly | ＂ | ، | ＂ | Yes | Yes | Yes | ＂ | Yes． | ＂ |
| Weekly | ، | ＂ | ＂ | ＂ | ＂ | ، | ＂ | ＂ | ، |
| Weekly ．． | ＂ | ＂ | ＂${ }^{6}$ | No． | No．．．． | No．．． | No．． | No．． | ＇6 |
| Fortnightly | ＂ | ＂ | No．．． |  | ， | ＂ | ＂ | ， | ＊ |
| Fortnightly | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | Yes． | ＂ | ، |
| Fortnightly． | Yes | ＂ | Yes． | Yes | Yes | ＂ | ＂ | Yes． | ＂ |
| Fortnightly． | No | ＇، | No． | ＂ | No．．．．． | ＂ | ＂ | No． | Yes． |
| Fortnightly | ＇، | ＂ | ＂ | ، | ＂ | ＂ | No．． | ＂ | ＇6 |
| Weekly． | ＂ | ＂ | ＂ | ＂ | Yes．．．． | ＇6 | Yes． | Yes．． | No． |
| Fortnightly | Yes | ＂ | Yes．．．． | ＂ | ＂ | ، | ، | No． | ＂ |
| Weekly ．．．． | No． | ＂ | No． | ， | No． | ＂ | ＇، | Yes． | ＂ |
| Weekly | ＂ | ＂ | Yes | No．．． | ＇6 | Yes． | ＂ | ، | ، |
| Fortnightly． | ، | ، | No． | ، | ＂ | No． | ＂ | ＂ | ＂ |
| Weekly． | ، | ＊ | ＂ | ، | ＂ | ＂ | ＂ | ＇6 | ＇، |
| Weekly． | ، | ＂ | ＂ | ＇، | ＂＇ | ، | No．．． | No． | ＂ |
| Weekly． | ＂ | ＂ | ＂ | Yes．．．． | Yes．．．． | ＂ | Yes． | 4 | ＂ |
| Weekly．．． | ، | ＂ | ＂ | No． | No． | ＂ | ＂ | ، | ＇، |

MAKERS．WOMEN－Continced．

| Fortnightly | No． | No． | Yes．．． | No． | No | No．．． | Yes． | Yes． | No． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fortnightly． | ＂ |  | No． | ＂ | ＂ | ＂ | No．．． | No．．． | ＂ |
| Weekly．．．．． | ＂ | ＂ | Yes．．． | ＇6 | ＂ | ＂ | ＂ | ＂ | Yes． |
| Weekly | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | Yes．． | ＂ | No． |
| Weekly． | ＂ | ＂ | ＂＂ | ＂ | ＂ | ＂ | ،6． | Yes．． | ＂ |
| Fortnightly． | ＂ | ＂ | No． | ＂ | ＂ | Yes．． | ＂ | ＂ | ، |
| Fortnightly． | ＂ | ＂ | ＂، | ＂ | ＂ | No．． | No．． | No．． | ، |
| Fortnightly． | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ، | ＂ | ＂ |
| Weekly． | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | ＂ | Yes．． | ＂ |
| Weekly． | ＂ | ＂ | Yes | ＂ | ، | ＂ | Yes．． | ＂ | ＂ |
| Weekly | ＂ | ＂ | ＂ | Yes | Yes | Yes | ＂ | ＂ | ＂ |
| Weekly | ＂ | ＂ | ＂ | No． | No． | No． | ＂ | ＂ | ، |
| Fortnightly | ＇6 | 36 | No．．．． | ＂ | ＇6 | ＂ | No．．． | No．．． | ＂ |
| Fortnightly． | ＂ | ＂ | Yes | ＂ | ＂ | Yes．． | Yes．． | Yes．． | ، |
| Weekly | \％ | ＂ | ＂ | Yes． | ＂ | ＇ | ＂ | ، | ، |
| Weokly． | ＂ | ، | ＂ | No． | ＂ | No | ＇، | ، | ＇6 |
| Weekly． | ، | ＂ | ＇6 | Yes．．．． | Yes． | Yes．． | ＂ | ＂ | ، |
| Weekly．．．．． | ＂ | ＇＊ | ＊ | ＂ | ＂ | No．． | ، | ＂ | ＂ |
| Fortnightly． | ＂ | ＂ | ＂ | No．．．．． | No．．．． | ＇ | ＂ | No．．． | ＂ |
| Weekly． | ＂ | ＂ | ＂ | ＂ | ＂ | Yes．． | ＂ | Yes．． | ＂ |
| Fortnightly． | ＂ | ＂ | No．．．．． | ＂ | ＂ | No．． | No． | No．．． | ، |
| Weekly．．． | ＂ | ＂ | Yes．．．． | Yes．．．． | ، | ＂ | Yes．． | Yes．． | ، |
| Weokly． | ＂ | ＂ | No．．．． | No．．． | ＊ | Yes．． | ＂ | ＂ | ＂ |
| Weekly | ، | ＇ | Yes．．．．． | ＇＊ | ، | No． | No． | ، | ＂ |

SHOE


| 135 | M |  |  | 12 | 1040 |  |  | 析 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 235 | Mai | Uard | Stock, 1st h and. | 102.00 | 528 | - |  | 28 |
| 341 | Ireland | Gardine | stock, lst hand.. | 102.00 | 608 |  | - | 8 |
| 436 | Mai | Gardiner | Stock, lst hand. | 102.00 | 582 |  |  | 582 |
| 544 | Maine | Gardiner | Stock, 1st hand. | 102.00 | 600 |  |  | 600 |
| 634 | Mai | Gardiner | Stock, 2d hand | 10'1.50 | 456 |  | 190 | 616 |
| 741 | Maine | Gardiner | Stock cutter | 101.50 | 422 |  | 62 | 484 |
| 822 | Englan | Gardiver | Stock cut | 101.50 | 450 |  |  | 450 |
| 940 | Main | Gardiner | Rag room | 91.50 | 432 |  | 216 | 648 |
| 1040 | Main | Gardiner | Rag room | 91.50 | 396 |  |  | 396 |
| 1130 | Main | Gardiner | Thresher, 1st h'd | 101.50 | 342 |  | - | 342 |
| 12.20 | Main | Gardiner | Thresher, 1st h'd | 101.50 | 460 |  |  | 460 |
| 1328 | Canada | Gardine | Thresher, 1st h'd | 101.50 | 446 |  |  | 446 |
| 14.40 | Ireland | Gardine | Thresher, 2d h'd. | 101.35 | 416 |  | 218 | 634 |
| 15.24 | Maine | Gardiner | Thresher, 2d h'd. | 101.25 | 390 |  | - | 390 |
| 16 \|33 | Main | Gardiner | Limema | 91.35 | 394 | \$32 | - | 426 |
| 1733 | Mai | Gardi | Bleacher, 1st h'd | 101.55 | 473 |  |  | 473 |
| 1820 | Maine | Gardin | Bleacher, 1st h'd | 101.75 | 486 |  |  | 86 |
| 1944 | New | Gardine | Bleacher, 2d h'd. | 10\| 1.50 | 458 |  |  | 458 |
| 2050 | Virgini | Gard | Bleacher, 2d h'd. | 101.50 | 441 |  |  | 441 |
| 2124 | Ireland | Gardine | Bleacher, 2d h'd. | 101.50 | 436 |  | - | 436 |
| 2231 | Maine. | Gardiner | Washer, 1st hand | 101.75 | 509 |  | - | 509 |
| 23.26 | reland | Gardiner | Washer, 1st hand | 121.75 | 486 |  | - | 486 |
| 24.38 | Maine | Gardiner | Washer, 1st hand | 121.75 | 532 |  | - | 532 |
| 2545 | Ireland | Gardin | Washer, 2d hand | 121.50 | 468 |  | 50 | 518 |
| 2643 | Ireland | Gardine | Washer, 2d hand | 121.50 | 457 |  |  | 457 |
| 2737 | Maine | rdiner | Beater, 1st hand. | 122.00 | 652 | - |  | 652 |
| 2840 | Virgini | Gardine | Beater, 18t hand. | 123.00 | 613 | - |  | 613 |
| 2927 | Maine. | Gardine | Beater, lst hand. | 122.00 | 590 | - |  | 590 |
| 3042 | Maine | Gardine | Beater, lst hand. | 121.90 | 587 | - |  | 58 |
| 3134 | Main | Gardiner | Beater, 1st hand. | 181.90 | 600 | - |  | 600 |
| 3240 | Mai | Gerdine | Beater, 2d hand.. | 121.50 | 450 |  |  | 450 |
| $3328$ | Mai | Gar | Beater, 2d hand.. | 121.50 | 492 | - | 133 | 625 |
| 344 |  | Gardiner ... | Beater, 2d hand. | 121.35 | 412 | - | - 1 | 412 |

MAKERS. WOMEN-Continued.

| Expenses. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\underset{\underset{\sim}{\ddot{Z}}}{\substack{\text { ® }}}$ | -880 |  |  |  | Life insurance. | Other things. | - | 家 | + |
| Board.... | \$130 | \$78 | - | - | - | \$120 | \$328 | \$40 |  |
| Board.... | 182 | 56 | - | - | - | 127 | 365 | 40 |  |
| Board . . | 156 | 64 | - | - | - | 83 | 303 | 110 |  |
| Board.... | 130 | 93 | - | \$2 | - | 33 | 260 |  |  |
| Board ... | 130 | 40 | - | 2 | - | 55 | 227 | 7 |  |
| \$84 | 163 | 6 C | \$38 | - | - | 120 | 465 | 130 |  |
| Board.... | 130 | 50 | - | - | - | 84 | 264 |  |  |
| Board.... | 78 | 63 | - | 4 |  | 84 | 229 | 100 |  |
| Board.... | 156 | 35 | I | 2 | - | 20 | 213 |  |  |
| Board. | Y4 | 80 | - | 2 | - | 20 | 196 |  |  |
| Board.. . | 130 | 25 | - | 2 | - | 25 | 182 |  |  |
| Board ... | 117 | 35 | - 1 | - | - | 44 | 196 |  |  |

MAKERS.

| - | 250 | 150 | 48 | 7 | \$80 | 195 | 730 | 310 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 144 | 170 | 100 | 50 | 2 | 15 | 47 | 528 |  |  |
| - | 200 | 123 | 37 | - | - | 62 | 422 | 186 |  |
| - | 224 | 110 | 40 | 2 | 15 | 134 | 525 | 57 |  |
| - | 243 | 100 | 57 | 7 | 18 | 75 | 500 | 100 |  |
| 90 | 283 | 150 | 33 | 3 | 12 | 75 | 646 |  |  |
| 84 | 187 | 92 | 34 | . - | - | 87 | 484 |  |  |
| Board.... | 182 | 62 | - | 6 | - | 150 | 400 | 50 |  |
| Buard.... | 386 | 120 | - | 4 | - | 78 | 588 | 60 |  |
| 96 | 168 | 71 | 43 | 3 | 11 | 90 | 482 | - | \$86 |
| Board... | 182 | 72 | - | 3 | 11 | 30 | 298 | 44 |  |
| Board.... | 182 | 68 | - | - | - | 100 | 350 | 110 |  |
| Board.... | 195 | 50 | - | - | - | 141 | 386 | 60 |  |
| - | 364 | 135 | 31 | - | - | 30 | 560 | 74 |  |
| 54 | 162 | 53 | 31 | - | - | 90 | 390 |  |  |
| - | 234 | 63 | 29 | - | - | 25 | 351 | 75 |  |
| Board : | 182 | 94 | - | - | - | 47 | 323 | 150 |  |
| Board. . . | 18\% | 65 | - | - | - | 213 | 460 | 26 |  |
| 78 | 146 | 83 | 28 | 1 | 13 | 109 | 458 |  |  |
| 90 | 100 | 65 | 40 | 4 | - | 92 | 441 |  |  |
| Board... | 182 | 40 | - | - | - | 65 | 287 | 149 |  |
| - | 175 | 71 | 40 | 4 | - | 100 | 390 | 119 |  |
| - | 146 | 37 | 30 | 6 | - | 65 | 284 | 202 |  |
| - | 182 | 120 | 36 | - | - | 194 | 532 |  |  |
| - | 234 | 110 | 37 | - |  | 32 | 413 | 105 |  |
| Buard.... | 169 | 83 | - | - | - | 205 | 457 |  |  |
| - | 139 | 100 | 39 | 4 | 12 | 182 | 476 | 176 |  |
| 69 | 246 | 125 | 30 | - | - | 170 | 640 | - | 27 |
| - | 187 | 72 | 31 | - | - | 300 | 590 |  |  |
| - | 246 | 110 | 38 | 2 | 7 | 65 | 468 | 119 |  |
| Board ... | 182 | 50 | - | 4 | 7 | 187 | 430 | 170 |  |
| 84 | 135 | 50 | 42 | - |  | 139 | 450 |  |  |
| 60 | 204 | 50 | 35 | - | - | 176 | 525 | 100 |  |
| 120 | 216 | 68 | 56 | - | - | 44 | 504 | - | 92 |



## PAPER








 \begin{tabular}{llllllllllllllllllllllllllllll}
\hline 1 \& 1 \& 1 \& 1 \& 1 <br>
\hline

 

1 \& 1 \& 1 \& 1 \& 1 \& $\theta^{\prime}$ \& 1 \& 1 \& 1 \& 1 \& 1 \& 1 \& 1 \& 1 \& $\rho_{1}$ \& 1 \& 1 \& 1 \& 1 \& 1 \& 1 \& 1 \& 1 \& 1 \& 1 \& 1 \& 1 <br>
\hline
\end{tabular}






MAKERS. WOMEN-Concluded.

| How often paid? |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | No. | No... | No. . | No..... | No..... | No.. | Yes.. | Yes.. | No. |
| Weekly |  | ، | '، | " | , | " | "، | Yes | " |
| Weekly | ، | ، | Yes... | Yes.... | " | Yes.. | ، | ، | " |
| Weekly | " | " | " | No. | " | No.. | No.. | No... | '6 |
| Weekly | '6 | " | " ${ }^{6}$ | ، | " | " | " | Y es.. | '6 |
| Fortnightly | '6 | " | No.... | ، | " | " | ، | , | " |
| Fortnightly | ، | " | " ${ }^{\prime}$ | " | '6 | ، | '" | No... | " |
| Weekly..... | " | " | Yes... | " | ${ }^{\prime \prime}$ | ، | Yes.. | Yes.. | ، |
| Weekly | " | " | ، | " | ، | " | " | No... | " |
| Weekly | " | " | " | " | ' | " | No... | " | " |
| Weekly | " | " | " | " | '، | " | 6 | " | ، |
| Fortnightly. | " | " | No... | ' | ، | " | ، | ' | '6 |

## MAKERS-Continued.



PAPER

|  |  | Where born. | Present residence. | Position. |  |  | Earnings. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\left\lvert\, \begin{gathered} \dot{8} \\ 80 \\ \dot{8} \end{gathered}\right.$ |  |  |  |  |  |  |  |  | 穙 |
|  | 44 | New York | Gardiner | Beater, 2d hand | 12 |  | \$460 |  |  | \$460 |
|  | 28 | Ireland | Gardiner | Beater, $2 d$ band | 12 | 1.50 | + 478 | - |  | +460 |
|  | 720 | Maine | Gardiner | Beater, 2d hand | 12 | 1.50 | 514 | - | - | 514 |
|  | 30 | Maine | Gardiner.. | Beater, 2d hand | 12 | 1.35 | 413 |  |  | 413 |
|  | 96 | Maine | Gardiner. | Beater. 3d hand | 12 | 1.50 | 437 | - | - | 437 |
|  | 45 | Virginia | Gardiner | Beater, 3d hand | 12 | 1.50 | 340 | - | - | 340 |
|  | 131 | Maine . | Gardiner | Machine tender. | 12 | 3.00 | 1000 |  |  | 1000 |
|  | 27 | Maine | Gardiner | Machine tender. | 12 | 2.25 | 615 |  |  | 615 |
|  | 4.7 | Maine | Gardiner | Machine tender. | 8 | 2.50 | 623 | - |  | 623 |
|  | 434 | Massachusetts | Gardiner | Machine tender. | 11 | 3.00 | 935 |  |  | 935 |
|  | 28 | Scotland | Gardiner | Machine tender | 10 | 3.00 | 1004 |  |  | 1004 |
|  | 38 | Maine . | Gardiner | Macnine tender | 12 | 2.50 | -607 | - | - | 607 |
|  | 730 | Vermont | Gardiner | Machine tender. | 12 | 2.50 | 770 | - | - | 770 |
|  | 32 | Vermont. | Gardiner | Machino tender. | 12 | 2.50 | 760 |  |  | 760 |
|  | 55 | Maine | Gardiner | Machine tender. | 12 | $2.5 \theta$ | 765 | - | - | 765 |
|  | 26 | Maine | Hardiner | Machine teader | 12 | 2.50 | 734 | - | - | 734 |
|  | 130 | Maine . | Gardiner | Machine tender. | 12 | 2.50 | 748 | - |  | 748 |
|  | 24 | Canada | Gardiner | Machine tender. | 9 | 2.25 | 729 | - |  | 729 |
|  | 26 | Maine | Gardiner | Machine tender. | 11 | 2.25 | 416 | \$360 | - | 776 |
|  | 453 | Maine | Gardiner | Machine, 2d band | 9 | 1.65 | 511 | - | \$150 | 661 |
|  | 52 | Maine | Gardiner | Machine, 2d hand | 12 | 1.60 | 524 | - | 254 | 778 |
|  | 24 | Maine | Gardiner | Machine, 2d hand | 12 | 1.50 | 461 | - |  | 461 |
|  | 732 | Maine | Gardiner | Machine, 2d hand | 12 | 1.50 | 456 | - | 243 | 699 |
|  | 821 21 | Maine Maine | Gardiner | Machine, 2d hand | 12 | 1.60 | 469 | - | - | 469 |
|  |  | Maine | Gardiner | Machine, 2d hand |  | 1.50 | 421 | - | - | 421 |
|  | 121 <br> 18 | Maine | Gardiner | Machine, 2d hand |  | 1.50 | 430 | - | - | 430 |
|  | 218 | Maine | Gardiner | Machine, 3d hand | 12 | 1.25 | 347 | - |  | 347 |
|  | 34 | Maine | Gardiner Gardiner | Finisher |  | 2.00 | 600 | - | 125 | 725 |
|  | $4+2$ | Maine | Gardiner Gardiner | Finisher | 10 | 1.75 1.50 | ${ }_{5}^{531} 4$ | - | - | $5{ }^{5} 4$ |
|  | 152 | Maine | Gardiner | Finisher | , | 1.50 | 537 |  |  | 537 |
|  | 629 | Maine | Gardiner | Finisher | 9 | 1.65 | 450 | - | - | 450 |
|  | \% 29 | Malne | Gardiner | Calender | 12 | 1.6is | 501 | - | - | 501 |
|  | 31 | Maine | Gardiner | Calender | 12 | 1.65 | 650 | - | - | 650 |
|  | $3: 3$ | Massachusetts .. | Westbrook | Coating. | 12 | 1.50 | 432 | - | 182 | 614 |
|  | 140 | Maine . . . . . . | Gardiner.. | clerk... |  | 1.75 | 605 | - | 125 | 730 |
|  | 130 | Ireland.. | Gardiner | Ass't engineer . | $10^{2}$ | 1.75 | 4 ¢3 |  |  | 483 |
|  | 229 | Ireland. | Gardiner | Fireman .... | 12 | 2.00 | 628 |  |  | 628 |
|  | 329 | Maine | Gardiuer | Fireman | 12 | 2.00 | 624 | - |  | 624 |
|  | 42 | Maine | Gardiner | Fireman | 12 | 1.65 | 420 | - | - | 420 |
|  | (3) | Maine | Gardiner | Master mechanic | 10 | 3.00 | 936 |  |  | 936 |
|  | 625 | Maine | Gardiner | Machinist | 10 | 2.00 | 600 | - | - | 600 |
|  | 7.18 | Maine | Westbrook | Carpenter | 10 | 2.50 | $72 \theta$ | - |  | 720 |
|  | 836 | Maine ........ | Gardiner. | Carpenter | 10 | 2.00 | 610 | - | - | 610 |
|  | 27 | Massachusetts .. | Gardiner | tilectrician | 12 | 2.00 | 618 | - | - | 618 |
|  | 025 | Maine. | Gardiner | Teamster | 10 | 1.77 | 551 |  |  | 551 |
|  | 134 | Maine | Gardiner | Yard hand | 10 | 1.75 | 504 | - |  | 504 |
|  | 25 | Scotland | Gardiner | Laborer. | 10 | 1.35 | 415 | - | 260 | 675 |
|  | 332 | Maine. | Gardiner | Laborer | 10 | 1.35 | 400 | - | 2 | 400 |

## MAKERS－Continued．

| Expenses． |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { 茄 } \\ & \text { ※ } \end{aligned}$ | $\begin{aligned} & \text { ®i } \\ & \text { B } \end{aligned}$ | $\begin{aligned} & \dot{B 0} \\ & \stackrel{B}{\vec{a}} \\ & \frac{0}{0} \end{aligned}$ |  | $\begin{aligned} & \dot{\oplus} \\ & \stackrel{0}{0} \\ & \stackrel{\rightharpoonup}{0} \\ & \stackrel{\oplus}{0} \\ & \dot{0} \end{aligned}$ |  |  | 呇 | 䎂 |  |
| \＄78 | \＄112 | \＄90 | \＄40 | \＄1 | － | \＄139 | \＄460 |  |  |
| Board．．．． | 195 | 65 | － | － | － | 180 | 440 | \＄38 |  |
| Board ．． | 195 | 60 | － | － | － | 248 | 483 | 31 |  |
| Board．．．． | 182 | 55 | － | － | \＄14 | 162 | 413 |  |  |
| 54 | 100 | 65 | 40 | － | － | 141 | 400 | 37 |  |
| 78 | 125 | 35 | 48 | － | － | 54 | 340 |  |  |
| 168 | 363 | 101 | 38 | 5 | 14 | 200 | 889 | 111 |  |
| 96 | 176 | 112 | 47 | － | ， | 39 | 470 | 145 |  |
| 84 | 152 | 100 | 48 | 2 | 24 | 74 | 484 | 139 |  |
| － | 227 | 125 | 54 | － | － | 278 | 684 | 251 |  |
| － | 165 | 100 | 50 | 4 | － | 466 | 785 | 219 |  |
| － | 165 | 75 | 42 | 4 | 18 | 100 | 404 | 203 |  |
| 96 | 164 | 100 | 40 | － | 35 | 217 | 652 | 118 |  |
| 96 | 275 | 40 | 30 | 1 | 41 | 40 | 523 | 237 |  |
| － | 134 | 48 | 32 | 10 | 120 | 142 | 486 | 279 |  |
| 108 | 118 | 80 | 42 | ， | 15 | 262 | 625 | 109 |  |
| 96 | 241 | 80 | 42 | 5 | 16 | 147 | 627 | 121 |  |
| 120 | 234 | 119 | 44 | 7 | 20 | 185 | 729 |  |  |
| Board．．． | 182 | 54 |  | － |  | 73 | 309 | 467 |  |
| B | 205 | 112 | 33 | 4 | 20 | 58 | 432 | 229 |  |
| － | 230 | 94 | 42 | 6 | 15 | 137 | 524 | 254 |  |
| 72 | 180 | 69 | 34 | 3 | 11 | 92 | 461 |  |  |
| 84 | 100 | 60 | 30 | 2 | 14 | 10 | 300 | 399 |  |
| Board．．．． | 182 | 55 | － | － | － | 193 | 430 | 39 |  |
| Board．．． | 208 | 46 | － | － | － | 67 | 321 | 100 |  |
| Board．．．． | 156 | 50 | － | － | 15 | 209 | 430 |  |  |
| Board．．．． | 130 | 44 | 5 | － |  | 45 | 219 | 128 |  |
| － | 213 | 60 | 45 | － | 27 | 120 | 465 | 260 |  |
| （－mant 69 | 239 | 110 | 48 | － | － | 87 | 553 |  |  |
| 96 | 24.5 | 60 | 30 | － | － | 10 | 441 |  |  |
| 72 | 152 | 90 | 40 | － | － | 69 | 423 | 114 |  |
| Board．．． | 195 | 62 | － | － | － | 193 | 450 |  |  |
| Board．． | 182 | 60 | － | 7 | － | 75 | 324 | 177 |  |
| 90 | 240 | 60 | 46 | 4 | 27 | 33 | 500 | 150 |  |
| Board ．．． | 312 | 69 | － | $1{ }^{3}$ | 7 | 72 | 473 | 141 |  |
| 114 | 192 | 60 | 37 | 6 | － | 69 | 478 | 252 |  |
| － | 284 | 80 | 27 | － | － | 9 | 400 | 83 |  |
| 48 | 275 | 100 | 43 | － | － | 34 | 500 | 128 |  |
| 72 | 231 | 56 | 39 | － | － | 60 | 458 | 166 |  |
| Board．．．． | 169 | 51 |  | ， | － 11 | 200 | 420 |  |  |
| － | 200 | 150 | 42 | 3 | 11 | 66 | 472 | 464 |  |
| Board．．．． | 156 | 86 |  | － | － | 100 | 342 | 258 |  |
| 120 | 190 | 100 | 45 | 6 | 100 | 82 | 643 | 77 |  |
| 72 | 250 | 125 | 45 | － | － | 37 | 529 | 81 |  |
| － | 225 | 115 | 45 | － | － | 145 | 530 | 88 |  |
| 84 | 182 | 109 | 38 | － | 2 | 50 | 463 | 88 |  |
| － | 172 | 75 | 34 | 7 | 24 | 116 | 428 475 | 76 200 |  |
| 60 | 258 127 | 90 130 | 43 39 | $-2$ | － 2 | 70 44 | 475 400 | 200 |  |

PAPER

| ¢, | No. of return. |
| :---: | :---: |
|  | From sickness. |
|  | Inability to <br> obtain work. $\underset{\infty}{*}$ |
|  | Other causes. |
|  | Total. |
|  | Owning homes |
|  | Value of homes. |
|  | A mount of mortgage. |
|  | Rate of interest on mortgage. |
|  | Number in family. |
|  | Number working for wages. |
|  | Wages increasedpar cent. |
|  | Wages decreased per cent |

MAKERS-Concluded.

| How often paid? |  |  |  |  |  |  | Have you acoum'l't d sav- ings during former yrs ? |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly | No..... | No.... | No..... | Yes... | Yes.... | No... | No. | No... | No. |
| Weekly | " | ' | " | No. | No. | " | Yes.. | Yes. | ' |
| Weekly | ، | " | " | " | " | " | " | " | " |
| Weekly | ، | '، | " | " | " | " | No. | No. | " |
| Weekly | " | " | " | " | " | " | Yes. | Yes. | " |
| Weekly | " | " | " | '، | "' | " | No.. | No. | '، |
| Weekly | " | " | " | Yes. | Yes | ، | Yes.. | Yes.. | " |
| Monthly | " | * | " | No. | No..... | " | " | " | ، |
| Weekly. | " | " | Y ${ }_{88} \ldots$ | Yes. | Yes ... | Yes.. | " | " | ، |
| Munthly. | Ye8 | ، | No. | No. | No. | No... | '6 | " | ، |
| Weekly . | No. | ' | , | Yes. | Yes | " | ' | " | . 6 |
| Weekly .... | " | ، | " | , | ، | Yes.. | " | " | '6 |
| Weekly | " | ' | " | No .... | No. | No... | " | " | '6 |
| Weekly. | " | '6 | " | " | " | " | " | " | '6 |
| Weekly | ، | " | " | Yes | Yes | " | " | " | " |
| Weekly | " | " | " | No. | No. | Yes. | " | " | " |
| Weekly | ' | '6 | " | Yes | Yes | No... | " | " | " |
| Weekly | " | " | " | " | 6 | " | " | No... | " |
| Weekly ... | '6 | ، | " | No. | No. | " | " | Yes.. | " |
| Monthly ... | " | " | " | Yes ... | Yes | Yes.. | " | , | " |
| Weekly .... | " | " | " | " | " | No. | " | ، | " |
| Weekly .... | " | " | ، | " | No. | " | No. | No. | '6 |
| Weekly | " | " | " | " | " | " | Yes. | Yes. | ، |
| Weekly | " | " | ، | No..... | * | " | " | ، | " |
| Weekly | " | ' | " |  | * | " | No.. | " | " |
| Weekly. | " | ، | " | ، | \% | ' | " | No... | ، |
| Weekly | " | " | " | " | " | " | Yes.. | Yes.. | " |
| Monthly ... | " | " | " | " | " | Yes.. | " | '6 | "، |
| Weekly... | " | " | " | " | " | No. | No... | No... | " |
| Weekly. | " | " | " | ، | " | " | " | " | ' |
| Weekly | " | " | " | " | '، | " | Yes. | Yes | \% |
| Weekly. | " | " | " | '" | '، | Y ${ }^{\prime}$ | No... | No... | , |
| Weekly. | ، | " | " | Yes.... | Yes.... | Yes.. | Yes.. | Yes.. | , |
| Weekly | " | " | ، | " | No.... | No... | ' | " | \% |
| Weekly | " | " | " | ، | Yes | ، | " | " | $\cdots$ |
| Weekly. | " | " | " | " | - | ، | " | " | $\cdots$ |
| Weekly | " | " | " | No.. | No. | " | ، | " | " |
| Weokly .... | " | " | " | " | " | " 6 | " | " | " |
| Weekly.... | " | " | " | " | " | " | " | *" | " |
| Weekly.... | " | " ${ }^{\prime}$ | " | \% | " | " | "' | No... | " |
| Weekly. | " | " | " | Yes | " | " | " | Yes ${ }_{6}$ | " |
| Weekly... | " | " | " | No | Y | Y | "، | '6 | " |
| Monthly | ' | " | " | Yes | Yes | Yes. | "، | "، | " |
| Weekly | " | " | " | No. | No. | No | " | " | ${ }^{6}$ |
| Monthiy. . | Yes.... | " | " | " | " | " | " | " | \% |
| Weakly.... | No.. | " | " | " | '، | ، | '6 | ' | ' |
| Monthly | ' | " | " | Yes | Yes.... | '، | " | " | '6 |
| Monthly | Yes | " | " |  | No. | " | * | No | " |
| Weekly.. | No. | ، | " | No. |  |  |  | No. |  |

PAPER

|  |  | Where born. | Present residence. | Position. |  |  | Earnings. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\left\lvert\, \begin{aligned} & 0 \\ & 80 \\ & 8 \end{aligned}\right.$ |  |  |  |  |  |  |  |  | \#30 E |
|  | 136 | Maine | Gardiner | Rag sorter | 10 | . 80 | \$243 | - | \$460 | \$703 |
|  | 247 | Maine | Gardiner | Rag sorter | 10 | . 80 | 123 | - | 600 | 723 |
|  | 332 | Iowa | Gardiner | Rag sorter | 10 | . 80 | 179 | - | 582 | 761 |
|  | 439 | Maine. | Gardiner | Rag sorter | 10 | . 80 | 228 | - | 447 | 675 |
|  | 5157 | Mrine | Gardiner | Rag sorter | 10 | . 80 | 146 | - | 467 | 613 |
|  | 634 | Maine | Gardiner | Cutter | 9 | . 83 | 249 | - | - | 249 |
|  | 726 | Maino. | Gardiner | Cutter | 10 | . 85 | 264 | - | - | 264 |
|  | 818 | Maine | Gardiner | Cutter | 10 | . 85 | 265 | - | - | 265 |
|  | 924 | Maine . | Gardiner | Cutter | 9 | . 83 | 219 | - | - | 219 |
|  | 1022 | Maine. | Gardiner | Cutter | 10 | . 83 | 237 | - | - | 237 |
|  | 1126 | Maine. | Gardiner. | Cutter | 9 | . 83 | 253 | _ | - | 253 |
|  | $12 \mid 40$ | Maine | Gardiner. | Cutter | 9 | . 83 | 250 | - | - | 250 |
|  | 1336 | Maine | Gardiner. | Cutter | 9 | . 83 | 232 | - | - | 232 |
|  | 14:24 | Maine. | Gardiner.. | Cutter | 9 | . 83 | 255 | - | - | 255 |

MAKERS. WOMEN.

| Expenses. |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\underset{\sim}{\dot{\Xi}}$ | -80 | - |  |  |  | $\begin{aligned} & \dot{0} 0 \\ & .0 \\ & .0 \\ & 00 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \end{aligned}$ | + | $\stackrel{\text { 家 }}{\text { ¢ }}$ | + |
| \$84 | \$132 | \$60 | \$38 | \$2 | \$11 | \$138 | \$465 | \$238 |  |
| - | 173 | 82 | 36 | 2 | 14 | 87 | 394 | 329 |  |
| - | 240 | 69 | 44 | - | - | 57 | 410 | 351 |  |
| 96 | 324 | 147 | 37 | - | - | 71 | 675 |  |  |
| - | 381 | 72 | 42 | 4 | 42 | 72 | 613 |  |  |
| Free..... | 135 | 36 | 27 | - | - | 51 | 249 |  |  |
| Board.... | 130 | 62 | - | - | - | 72 | 264 |  |  |
| Board... | 104 | 87 | - | - | - | 74 | 265 |  |  |
| Board.... | 104 | 67 | - | - | - | 48 | 219 |  |  |
| Board.... | 100 | 55 | - | - | - | 27 | 182 | 55 |  |
| Board.... | 104 | 84 | - | - | - | 65 | 253 |  |  |
| Board.... | 133 | 54 | - | - | - | 63 | 250 |  |  |
| Board.... | 104 | 48 | - | - | - | 57 | 209 | 23 |  |
| Board.... | 104 | 52 | - | - | - | 70 | 226 | 29 |  |

PAPER


## MAKERS．WOMEN－Concluded．

| How often paid？ |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Weekly． | No．．．．． | No． | No． | Yes | No． | No． | Yes． | Yes．． | No． |
| Weekly． | 6 | c6 | ＊ | ＂ | ، | ＂ | ، | ＊ | ${ }_{6} 6$ |
| Weekly． | ＂ | 6 | ＇6 | No． | ＇6 | 6 | ＊ 6 | ＇6 | 66 |
| Weekly． | 16 | ، | ＂ | ، | 6 6 | ＊ | No． | No | 6 |
| Weekly． | ، | ، | 6. | Yes | 6 | Yes | Yes．． | ${ }^{6}$ | ＊ 6 |
| Weekly．．．． | c 6 | 6 | ، 6 | No | ＂ | No．．． | No．．． | ＇6 | 6 6 |
| Weekly． | 16 | ＊ | ، 6 | ＇ | ، 6 | ＊ | ＂ | － | ، 6 |
| Weekly． | ، | ${ }^{6}$ | ، 6 | ＂ | ، | ، | ＊ | ＂ | ＊ 6 |
| Weekly． | ${ }_{6}$ | ＊ | ، | 6 | ، | ＊${ }^{6}$ | ${ }^{6}$ | ＇، | 16 |
| Weekly． | ، | ، | －6 | 6 | ، 6 | Yes．． | Ye8． | Yes．． | 6 |
| Weekly．．．．． | ، 6 | ، | ، | ، | ＇6 | No． | No． | No．．． | ،6 |
| Weekly．． | 6 | 6 | 16 | 6 | ، | Yes． | Yes．． | ＂ | 6 6 |
| Weekly．． | 6 | ＇6 | ، | 6 6 | c | No． | ${ }^{6}$ | Yes | ${ }^{6}$ |
| Monthly ．．． | 6 | ، | ＂ | ＊ | ، 6 | Yes． | ، | ， | 66 |


|  | Industries | Social oondition |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 Skilled carpenters | With families | 72 | 68 |  | 42 |  | 4 |
|  | 2 skilled carpenters | Without families | 8 | 68 7 | 1 | 49 | 6 | 4 |
|  | 3 Rough carpenters. | With families | 19 | 12 | 7 | 44 | 4 | 1 |
|  | 4 Kough carpenters. | Without families | 4 | 4 | , | 25 | 2 | 1 |
|  | 5 Masons | With families ... | 33 | 30 | 3 | 41 | 13 | 4 |
|  | 6 Masons . . | Without families | 7 | 6 | 1 | 24 | 1 | 1 |
|  | 7 Mason tenders. . | "ith families | 15 | 4 | 11 | 38 | 5 | 3 |
|  | 8 Mason tenders.. | Without families | 5 | 2 | 3 | 24 | 3 | - |
|  | 9 Skilled painters | With families ... | 25 | 25 | - | 40 | 19 | 1 |
|  | 0 Skilled painters ........ | Without families | 8 | 6 | 2 | 30 | 5 | 1 |
|  | 1 Unskilled painters | With families | 11 | 8 | 3 | 35 | 2 | 5 |
| 12 | 2 Unskilled painters | Without families | 5 | , | 2 | 27 | , | - |
| 13 | 3 Blacksmiths ... | With families | 14 | 13 | 1 | 42 | 13 | - |
| 14 | 4 Blacksmiths | Without families |  | 5 |  | 32 | 5 | - |
| 15 | 5 Machinists. | With families | 29 | 27 | 2 | 39 | 13 | 5 |
| 16 | 6 Cominon laborers | With families | 36 | 19 | 17 | 45 | 24 | 1 |
| 17 | 7 Common laborers | Without fumilies | 6 | 6 |  | 41 | 4 | - |
| 18 | Teamstere. | With families... | 17 | 15 | 2 | 35 | 15 | - |
| 19 | 9 Teamsters | Without families | 6 | 6 |  | 33 | 4 | - |
| 20 | 0 Barbers . | With families . . | 9 | 9 | - | 35 | 9 | - |
| 21 | 1 Barbers. | Without families | 5 | 5 | - | 25 | 5 | - |
| 22 | 2 Hostlers | With families | 7 | 4 | 3 | 38 | 5 | - |
| 23 | 3 Stevedors | With families | 6 | 6 | - | 31 | 1 |  |
| 24 | 4 Brick makers | With families ... | 4 | 1 | 3 | 31 | - | $\ldots$ |
| 25 | 5 Brick makers .. | Without families | 11 | 3 | 8 | 32 | 5 | - |
| 26 | 6 Harness makers | With families ... | 10 | 7 | 3 | 35 | 9 | 1 |
| 27 | 7 Harness makers | Without families | 5 | 5 | - | 20 | 5 | - |
| 28 | 8 Railroad hands | With families ... | 48 | 36 | 12 | 39 | 3 | 1 |
| 29 | 9 Railroad hands | Without families | 24 | 12 | 12 | 23 | , | - |
|  | 0 Ship builders | With families | 38 | 34 | 4 | 44 | 37 |  |
|  | 1 Ship builders | Without families | 8 | 8 | - | 33 | 8 | - |
| 32 | 2 Icemen | With families | 60 | 54 | 6 | 38 | 23 | 37 |
| 33 | 3 Icemen | Without families | 35 | 31 | 4 | 28 | 8 | 27 |
|  | 4, Saw mill hinds. | With families | 72 | 55 | 17 | 39 | 27 | 35 |
|  | 5 Saw mill hands | Without families | 38 | 27 | 11 | 29 | 61 | 22 |
|  | 6 Cotton mill hands. | With families... | 49 | 37 |  | 37 | , | 48 |
|  | 7 Cotton mill hands. . . . . . | Without families | 22 | 17 | 5 | 27 | - | 22 |
|  | Cotton mill hands, female | With families . . | 4 | 4 | - | 27 | - | 4 |
|  | 9 Cotton mill hands, female | Without families | 14 | 14 | - | 23 | - | 14 |
|  | 0 Woolen mill hands...... | With tamilies | 11 | 10 | 1 | 37 | - | 11 |
|  | 1 Woolen mill hands.. ... | Without families | 4 | 4 | - | 37 | - |  |
|  | 2 Woolen mill hands, female | Without families | 4 | 4 | - | 26 | - | 4 |
|  | 3 Shoemakers ......... .. | With families. | 98 | 88 | 10 | 35 | 80 | 18 |
|  | 4 Shoemakers | Without families | 38 | 36 | $?$ | 26 | 27 | 11 |
|  | 5 Shuemakers, females | With families | 9. | 9 | - | 33 | 7 | 2 |
|  | 6 Shoemakers, females | Without families | $2 i$ | 26 | 1 | 27 | 17. | 10 |
|  | 7 Paker makers | With families | 62 | 53 | 9 | 36 | 50 | 1 |
| 48 | Paper makers .......... | Without families | 21 | 16 | 5 | 25 | 21 | - |
| 49 | 9 Paper makers, females .. | With families | 6 | 6 | - | 41 | 6 | - |
|  | 0 Paper makers, females. | Without fanilies | $\lambda$ | 8 | - | 27 | 7 | - |

## ULATION.



RECAPIT

|  | Consecutive number. |
| :---: | :---: |
|  |  |
|  | Inability to obtain work. |
|  | Other causes |
|  | Number owning homes. |
|  | Value of homes. |
|  | A verage value of homes. |
|  | No. homes mortgaged. |

## ULATION - Continued.



RECAPIT

| Consecutive number. |  |  |  |  |  | A $V$ | RAGE | NNOAL | Cost | Liv |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Rent. |  | Food. |  | Clôthing |  | Fueland Light |  | Society Dues. |  |
|  |  |  | 家 |  |  |  |  |  |  |  |
| $1]$ | \$89.40 | \$23.88 | \$197.33 | \$51.11 | \$82.65 | \$21.41 | \$40.82 | \$10.57 | \$2.83 | \$0.73 |
| 2 | - |  |  | 18162 | - | 61.50 |  |  | - | 3.00 |
| 3 | 85.40 | 13.77 | 252.95 | 50.59 | 95.95 | 19.19 | 39.26 | 7.85 | 5.95 | 1.79 |
| 4 |  | - |  | 172.00 |  | 46.50 | - | - | . | 1.75 |
| 5 | 82.25 | 24.83 | 197.43 | 54.16 | 88.06 | 24.63 | 41.42 | 11.36 | 4.09 | 1.41 |
| 6 | - | - |  | 179.43 | - | 53.43 | - | - |  | 3.72 |
| 7 | 65.14 | 14.78 | 226.27 | 49.19 | 75.13 | 16.33 | 38.67 | 8.41 | 14.73 | 3.20 |
| 8 | - | - | - | 176.80 | - | 57.20 | . | - | - | 3.20 |
| 9 | 90.11 | 27.03 | 184.48 | 50.13 | 77.48 | 21.05 | 4 C .96 | 11.13 | 3.48 | . 94 |
| 10 | - |  | - | 18037 | - | 53.63 | - |  | - | 3.37 |
| 11 | 98.36 | 20.41 | 216.73 | 44.98 | 71.09 | 14.75 | 3782 | 7.85 | 6.45 | 1.34 |
| 11 | - | - |  | 171.60 | - | 47.20 | - | - | - | . 60 |
| 13 | 94.29 | 27.50 | 206.43 | 60.23 | 105.78 | 30.85 | 46.70 | 13.56 | 3.86 | 1.12 |
| 14 | - | - |  | 180.40 | - | 61.60 |  |  | - | 4.80 |
| 15 | 106.44 | 24.88 | 212.76 | 51.42 | 86.83 | 20.98 | 41.59 | 10.05 | 3.83 | . 92 |
| 16 | 70.08 | 16.37 | 203.40 | 49.10 | 83.36 | 21.15 | 38.23 | 9.23 | 3.94 | . 96 |
| 17 | - | - | - | 164.65 | - | 3483 | - | - |  | 3.00 |
| 18 | 84.25 | 25.75 | 17600 | 55.41 | 77.18 | 24.30 | 40.00 | 12.59 | 1.76 | . 71 |
| 19 | - | - |  | 182.00 | - | 39, 3 ! | - | - |  | - |
| 20 | 92.25 | 29.52 | 167.75 | 52.00 | 86.11 | 26.72 | 42.22 | 13.10 | 2.78 | . 86 |
| 21 | - |  | -- | 202.80 |  | 77.40 |  |  | - | 1.40 |
| 22 | 73.71 | 19.11 | 183.14 | 47.48 | 60.71 | 15.74 | 35.71 | 9.26 | - | - |
| 23 | 90.00 | 19.29 | 215.83 | 46.25 | 113.83 | 24.39 | 37.67 | 8.07 | - | - |
| 24 | $6 \cdot .00$ | 21.33 | 185.75 | $5 \% .92$ | 53.00 | 17.67 | 35.75 | 11.92 | 3.25 | 1.08 |
| 25 | - | - | - | 160.73 | - | 41.36 |  | - | - |  |
| 26 | 86.29 | 20.83 | 203.89 | 47.05 | 78.10 | 18.60 | 37.56 | 8.67 | 2.70 | . 64 |
| 27 | - | - |  | 182.00 |  | 58.40 | - | - | - | 1.60 |
| 28 | 107.60 | 27.31 | 229.31 | 57.93 | 101.69 | 25.59 | 46.11 | 11.53 | 5.94 | 1.50 |
| 29 | - | - | - | 188.21 |  | 59.29 |  | - | - | 4.16 |
| 30 | 90.92 | 23.46 | 215.05 | 53.41 | 106.24 | 26.38 | 42.71! | 10.61 | 4.42 | 1.10 |
| 31 | - | - | - | 201.50 | - | 72.75 |  |  | - | 1.50 |
| 22 | 62.35 | 15.93 | 174.30 | 46.07 | 59.77 | 15.80 | 36.18 | 9.56 | 1.10 | . 29 |
| 33 | - | - | - | 172.46 | - | 47.71 |  | - | - | . 34 |
| 34 | 76.06 | 19.02 | 185.33 | 47.66 | 64.71 | 16.64 | 36.69 | 9.44 | 1.32 | . 34 |
| 35 | - | - | - | 180.74 | - | 52.05 |  | - | - | 1.21 |
| 36 | 91.74 | 24.54 | 196.81 | 53.07 | 81.12 | 21.96 | 39.33 | 10.61 | 3.63 | . 98 |
| 37 | - | - |  | 173.73 | - | 48.50 |  |  | - | 2.41 |
| 38 | 55.25 | 18.42 | 154.25 | 51.42 | 82.00 | 27.33 | 32.50 | 10.83 |  |  |
| 39 | - | - | - | 115.93 | - | 47.93 | - | - |  | - |
| 40 | 86.00 | 28.67 | 176.36 | 46.19 | 87.27 | 22.86 | 40.18 | 10.52 | 1.63 | .43 |
| 41 | - | - | - | 182.00 | - | 75.75 | - | - | - | - |
| 42 | - | - | - | 120.00 | - | 75.00 | - | - | - | - |
| 43 | 88.91 | 26.38 | 192.23 | 54.28 | 81.69 | 23.34 | 39.28 | 11.02 | 5.52 | 1.58 |
| 44 | - | - |  | 184.32 | - | 63.97 | - | - | - | 3.16 |
| 45 | 66.75 | 26.70 | 179.25 | 57.36 | 91.00 | 30.33 | 38.62 | 12.36 | 3.22 | 1.07 |
| 46 | - | - | - | 122.11 |  | 58.67 | - | - |  | 1.96 |
| 47 | 88.46 | 27.16 | 200.53 | 57.57 | 89.87 | 26.16 | 39.61 | 11.37 | 2.32 | . 68 |
| 48 | - | - |  | 179.52 | - | 60.57 |  | - | - | . 95 |
| 49 | 90.00 | 18.00 | 230.83 | 61.30 | 77.67 | 1726 | 37.33 | 8.30 | 1.33 | .30 |
| 50 | - | - | - | 110.38 | - | 63.62 | - | - |  | - |

## ULATION-Concluded.



MEN WITH FAMILIES.

ANALYSIS
No. of reports ..... 745
American born ..... 615
foreign born ..... 130
assisted by their families ..... 153
owning homes. ..... 273
homes mortgaged ..... 60
renting. ..... 471
belonging to labor organizations ..... 241
belonging to beneficiary organizations ..... 298
having savings bank accounts ..... 120
accumulating savings in former years ..... 524
accumulating savings during past year ..... 397
running in debt during past year ..... 98
showing neither gain nor loss. ..... 250
of individuals in 745 families ..... 2,841
Average number per family ..... 3.81

## AVERAGES.

Age of persons reporting ..... 39
Duily wages ..... $\$ 1.95$
Annual earnings from regular trade ..... 460.41
other personal service ..... 17.20
of other members of family ..... 49.40
income per family ..... 527.01
individual ..... 138.20
expenditure for rent per family ..... 85.98
individual ..... 22.59
food per family ..... 197.50
individual ..... 51.44
clothing per family ..... 82.55
individual ..... 21.65
fuel and light per family ..... 42.69
individual. ..... 11.12
society dues per family ..... 3.67
individual ..... 96
life insurance per family ..... 6.06
individual ..... 1.59
other things per family ..... 77.41
individual ..... 20.30
total per family ..... 463.43
individual ..... 121.53
net surplus per family ..... 63.58
individual ..... 16.67
Rental per month per family ..... 7.16
and labor statistics. ..... 129
Days lost time from sickness ..... 6
inability to obtain work ..... 37
other causes ..... 14
all causes ..... 57
worked at regular trade. ..... 236
Wages per day for same ..... $\$ 1.95$
Days worked at other personal service. ..... 12
Wages per day for same ..... $\$ 1.43$
HOMES.
Number owning homes. ..... 273
Value of homes. ..... $\$ 388,850$
Average value of homes ..... \$1,424
Number homes mortgaged. ..... 60
Amount of mortgages. ..... \$26,169
A verage amount of mortgage. ..... $\$ 436$
Number homes not mortgaged ..... 213
MEN AND WOMEN WITHOUT FAMILIES.
ANALYSIS.

AVERAGES.

Men Women.
Days lost from sickness ..... 3
" " inability to obtain work ..... 11
"، "، other causes ..... 16
" "، all oauses ..... 30
Days worked at regular trade ..... 275
Wages per day for same ..... 1.71 ..... 95
Days worked at other personal service ..... 19
Wages per day for same ..... 1.05
Cost of board per week ..... 3.45
Expenditure per day ..... 90 .....  652.28
TOTALS
No. of reports ..... 1,082
American born ..... 895
foreign born ..... 187
Owning homes. ..... 285
Total value of homes owned ..... $\$ 405,850$
Number homes mortgaged ..... 60
Amount of mortgages ..... $\$ 26,169$
No. renting ..... 481
belonging to labor organizations ..... 317
beneficiary organizations. ..... 354
having savings bank accounts. ..... 181
accumulated savings in former years. ..... 696
during past year. ..... 595
run in debt during past year. ..... 104
showing neither gain nor los3. ..... 383
Number of Men Employed, and Daily Wages Paid Em- ployes by Railroad Corporations Operating in Maine, as shown by the Returns to the Railroad Commissioners.
BANGOR \& PISCATAQUIS RAILROAD.
No. of men employed. Daily wages (each).
20 Station agents ..... $\$ 1.21$
3 Other stationmen ..... 1.25
7 Engineers ..... 2.70
7 Firemen ..... 1.65
7 Conductors ..... 2.50
10 Other trainmen ..... 1.60
2 Machinists ..... 2.00
6 'Carpenters ..... 2.00
4 Other shopmen ..... 1.65
19 Section foremen ..... 1.50
38 Other trackmen ..... 1.25
6 Switchmen, flagmen and watchmen ..... 1.25
18 Telegraph operators and station agents ..... 1.25
10 Other employes and laborers. ..... 1.25
BOSTON \& MAINE RAILROAD.
452 Station agents ..... $\$ 1.71$
614 Other stationmen ..... 165
481 Enginemen ..... 3.12
508 Firemen ..... 1.85
374 Conductors ..... 2.75
1202 Other trainmen ..... 1.84
191 Machinists and foremen ..... 2.34
565 Carpenters ..... 2.02
582 Other shopmen ..... 1.81
387 Section foremen and roadmasters ..... 1.93
1369*Other trackmen ..... 1.43
1042 Switohmen, flagmen and watohmen ..... 1.41
186 Telegraph operators and dispatohers ..... 1.66
1 Emplnye, account fioating equipment ..... 2.49
2559 Other employes and laborers. ..... 1.63
CANADIAN PACIFIC RAILWAY.
7 Station agents ..... $\$ 1.78$
5 Other stationmen ..... 1.27
15 Enginemen ..... 2.60
14 Firemen ..... 1.44
12 Conductors ..... 2.25
No. of men employed. Daily wages (each).
25 Other trainmen ..... $\$ 1.42$
4 Machinists ..... 1.10
2 Carpenters ..... 1.38
30 Other shopmen ..... 1.47
1 Foreman ..... 2.88
147 Other trackmen ..... 1.14
1 Flagman, switchman and watchman ..... 1.53
14 Telegraph operators and dispatchers ..... 1.70
80 Other employes and laborers ..... 92
FRANKLIN \& MEGANTIC RAILROAD.
2 Station agents, ..... $\$ 1.05$
1 Engineman. ..... 1.75
1 Fireman ..... 1.15
1 Conductor ..... 1.50
1 Machinist ..... 1.75
3 Section foremen ..... 1.35
3 Other trackmen ..... 1.10
$l$ Watchman ..... 1.15
KENNEBEC CENTRAL RAILROAD.
2 Station agents. ..... $\$ 1.75$
1 Engineman ..... 2.50
1 Fireman ..... 1.50
1 Conductor ..... 3.13
1 Other trainman ..... 1.70
1 Switchman, flagman and watchman ..... 1.26
1 Section foreman ..... 1.95
3 Other trackmen ..... 1.26
KNOX AND LINCOLN RAILWAY.
11 Station agents ..... $\$ 1.75$
5 Other stationmen. ..... 1.28
4 Enginemen ..... 2.25
4 Firemen ..... 1.54
4 Conductors ..... 2.25
9 Other trainmen. ..... 1.54
3 Machinists ..... 2.50
4 Carpenters. ..... 2.25
3 Other shopmen ..... 2.00
9 Section foremen ..... 1.75
25 Other trackmen ..... 1.50
4 Switchmen, flagmen and watchmen ..... 1.24
40 Other employes and laborers. ..... 1.48
MAINE CENTRAL RAILROAD.
171 Station agents. ..... $\$ 1.78$
261 Other stationmen ..... 1.39
138 Enginemen ..... 3.06
No of men employed. Daily wages (each).
137 Firemen ..... $\$ 1.96$
82 Conductors ..... 2.74
209 Other trainmen ..... 1.64
83 Machinists ..... 2.24
168 Carpenters. ..... 1.74
103 Other shopmen ..... 1.53
150 Section foremen. ..... 1.75
642 Other trackmen ..... 1.31
152 Switchmen, fitgmen and watchmen ..... 1.48
34 Telegraph operators and dispatchers. ..... 1.78
18 Employes, ac'ct floating equipment. ..... 1.85
656 Other employes and laborers ..... 1.70
MONSON KAILROAD
2 Station agents. ..... $\$ 1.11$
1 Engineman ..... 2.25
1 Fireman ..... 1.50
1 Conductor. ..... 1.92
4 Other trackmen. ..... 1.30
1 Section foreman. ..... 2.00
POKTLAND AND ROCHESTER RAILROAD.
17 Station agents. ..... $\$ 1.69$
11 Other stationmen ..... 1.23
9 Enginemen. ..... 3.10
8 Firemen ..... 1.75
6 Conductors. ..... 2.42
17 Other trainmen ..... 1.67
5 Machinists. ..... 2.15
7 Carpenters ..... 2.00
11 Other shopmen ..... 1.86
12 Section foremen ..... 1.52
53 Other trackmen ..... 1.25
11 Switchmen, flagmen and watchmen ..... 1.59
3 Telegrapi operators and dispatchers. ..... 1.46
7 Other employes and laborers. ..... 1.34
*ORCHARD BEACH RALIROAD
1 Station agent ..... $\$ 3.26$
1 Engineman. ..... 3.00
2 Firemen ..... 196
1 Conductor. ..... 2.50
2 Other trainmen. ..... 1.50
1 Section fureman ..... 1.90
2 Other trackmen. ..... 1.50

[^1]*RUMFORD FALLS \& BUCKFIELD RAILROAD.
No. of men employed. Daily wages (each)
7 Station agents. ..... \$. 83
2 Other stationmen ..... 1.38
3 Enginemen ..... 1.96
3 Firemen ..... 1.40
2 Conductors ..... 2.06
3 Other trainmen. ..... 1.40
5 Section foremen ..... 1.53
15 Other trackmen ..... 1.25
1 Switchman, flagman and watchman. ..... 1.15
SANDY RIVER RAILROAD.
3 Station agents، ..... $\$ 1.37$
2 Enginemen ..... 1.90
2 Firemen ..... 1.23
2 Conductors ..... 1.89
3 Other trainmen ..... 1.28
1 Machinist ..... 1.87
3 Section foremen ..... 1.30
13 Other trackmen ..... 1.15
1 Switchman, flagman and watchman ..... 1.10
7 Other employes and laborers ..... 1.67
SOMERSET RAILWAY.
8 Station agents. ..... $\$ 1.58$
2 Enginemen ..... 2.25
2 Firemen ..... 1.45
2 Conductors ..... 2.25
3 Other trainmen ..... 1.38
2 Machinists. ..... 2.17
1 Carpenter. ..... 2.00
2 Other shopmen ..... 1.49
8 Section foremen ..... 1.00
16 Other trackmen ..... 1.25
2 Switchmen, flagmen and watchmen ..... 1.12
1 Road master ..... 2.00
2 Other employes and laborers ..... 136
SEBASTICOOK \& MOOSEHEAD RAILROAD.
2 Station agents. ..... $\$ 1.37$
1 Engineman ..... 2.49
1 Fireman ..... 1.34
1 Conductor ..... 1.53
1 Section foreman ..... 1.65
3 Uther trackmen ..... 1.35
1 Switchman, flagman and watchman ..... 1.15

[^2]
## ST. CROIX \& PENOBSCOT RAILROAD.

No. of men employed. Daily wages (each).
4 Station agents ..... $\$ 0.97$
4 Other stationmen ..... 1.33
3 Enginemen ..... 1.69
2 Firemen ..... 1.25
2 Conductors ..... 1.75
3 Other trainmen ..... 1.30
4 Machinists ..... 2.20
3 Carpenters ..... 1.34
2 Other shopmen ..... 1.29
2 Section foremen ..... 1.60
9 Other trackmen ..... 1.26
2 Watchmen, switchmen and flagmen ..... 1.22
3 Other employes and laborers. ..... 1.31
YORK HARBOR AND BEACH RAILROAD.
6 Station agents. ..... $\$ 1.63$
4 Other stationmen. ..... 1.16
1 Engineman. ..... 3.50
1 Fireman ..... 1.90
1 Conductor. ..... 2.75
2 Other trainmen ..... 1.81
2 Section foremen. ..... 1.90
6 Other trackmen ..... 1.50
1 Switchman, flagman and watchman ..... 1.50
PHILLIPS AND RANGELEY RAILROAD.
2 Station agents. ..... $\$ 1.20$
1 Other stationman ..... 1.20
3 Enginemen. ..... 2.00
3 Firemen ..... 1.25
1 Conductor. ..... 1.75
1 Other trainman ..... 1.10
4 Section foremen. ..... 1.50
12 Other trackmen ..... 1.20
1 Switchman, flagman and watchman. ..... 1.10
LIME ROCK Railload.
1 Round house man ..... $\$ 1.53$
2 Enginemen ..... 2.24
2 Firemen ..... 1.53
2 Conductors ..... 2.24
6 Other trainmen ..... 1.53
1 Section foreman ..... 1.75
3 Other trackmen ..... 1.50
2 Switchmen and flagmen ..... 1.00ROCKPORT RAILROAD.No. of men employed.Daily wages (each).
1 Engineman ..... $\$ 2.50$
2 Uther trainmen ..... 1.60
ELECTRIC AND HORSE RAILROADS.
aUGUSTA, HALLOWELL AND GARDINER ELECTRIC RAILROAD.
2 Enginemen ..... $\$ 2.00$
2 Firemen. ..... 1.50
10 Motormen ..... 1.43
10 Conductors. ..... 1.43
1 Section foreman ..... 2.00
1 Other trackman ..... 1.50
PORTLAND RAILROAD (HORSE).
Conductors and drivers ..... $\$ 1.60$
Carpenters ..... 2.37
Section foremen ..... 1.64
Hostlers and tow boys. ..... 1.30
WATERVILLE AND FAIRFIELD (HORSE).
Conducturs and drivers ..... $\$ 1.42$
Stablemen and others ..... 1.42
Laborers. ..... 1.50

## REMARKS OF WORKING MEN.

My experience and observation justify me in saying that there is a very noticeable and rapidly increasing disposition among the greal mass of common wage workers to study the reform measures now before the people, with the special object of so placing their votes as to best serve their own interests.

Carpenter.
I believe that the enforcement, in good faith, of the prohibitory laws of this State would make all the difference between poverty and prosperity with thousands of wage workers.

Carpenter.
I have all I can do to keep free from debt. The fifty dollars saved I paid towards reducing the debt on my house. It is slow work, and I don't know what I should do if I had to pay rent, and if I was not obliged to pay a certain amount on my house each year it would all go and I should save nothing.

Carpenter.
In our daily labor we are exposed to the heat of summer and the frosts of winter and to dangers of life and limb ; many idle days are forced upon us through bad weather and short jobs; our work causes wear and tear of clothing, and to continue our work in all kinds of weather, proper clothing must be worn, and nature demands wholesome and sufficient food; and for all this what is our pay? Are we properly recompensed for our skill and toil, the risk we are compelled to run, lost time, and for the years spent in learning our trade? This is a question for intelligent working men to consider: Is our condition improving each year? From observation I should say not. I am glad to see that mechanics are beginning to think for themselves. Let the good work go on.

Masons in this place never get their pay regularly, except when working for the corporations. Such a condition is bad for the working men, the merchants, and the general business of the place. If I could get my pay promptly, I coull pay my grocery man, and he in turn could pay bis bills. I wish such a thing could be brought about as I am sure all would be benefited by it. Mason.

If working men would invest their spare time and a little money in building up their labor organizations, it would profic them much; if they would do their own thinking, it would profit them more; and if they would vote as they think, it would be about all profit.

Mason.

Wage workers should read more papers which discuss the labor, political, temperance and other reforms. They should consider how these questions affect their interests and the interests of those dependent upon them, and then vote according to the dictates of their own judgment.

Mason.
Fairly complete organization of my trade in this section would be worth one hundred dollars a year to each workman. Faithful enforcement of our liquor laws would be more beneficial to the craft than a twenty-five per cent rise in wages.

Mason.
For a year back I have been urged by my father to come back to Canada and accept the gift of a good farm, with team, stock and tools complete, worth two thousand dollars, but I am making more money here without them than I could there with them, and do not have to work so hard myself. When I get money enough to support myself without work I will go bome to Canada to live.

## Mason Tender.

The trouble here is that cheap labor is employed to paint rough work, so that a skilled painter don't get in more than half of the time. Let the working people of this State organize and educate themselves, and, when united, in some manner develop such measures as will protect them against being compelled to lay idle half of each year through the competition of unskilled workmen. Is there no help for skilled American mechanics?

Painter.
I think that when a temperate man works at a trade requiring no small measure of skill and intelligence for two hundred and fifty or three hundred days per year, through a long life time, a just share of what he has produced is equivalent to more than the bare knowledge of the fact that he has received a very poor living out of what he has produced, and no more.

Painter.
Our trade is in good condition and we hold our bosses up to contract.

Blacksmith .
On account of giving my daughters such an education as I desire to properly fit them to gain a living in their chosen professions, it took all I earned above my actual running expenses during 1891, to pay such bills, and I feel that the money was well invested.

Machinist.
If the young men of to-day would work to save a few dollars every year, and not smoke, drink, or overdress, they would find
themselves better off for it when they get to be sixty years old, but the young men now spend too much idle time, and pay out too much for clothes that they could get along without. I believe labor organizations to be a good thing to educate the working men and women.

Common Laborer.
I get thirty cents an hour when using a two wheeled barrow, and forty-five cents an hour, when using a single wheeled barrow. Don't work regularly. Can't tell exactly how much time I lost, as often times I worked only part of a day at a time. Am usually paid at the end of a job, which is sometimes two or three times a week. Stevedore.

There are two yards here. Where I work they pay a dollar and a half a day and pay every week, but at the other yard they pay forty dollars a month and pay monthly. Brick Maker.

Labor organizations, more especially local assemblies of the Knights of Labor are very efficient schools in which wage workers of both sexes may learn profitable lessons. Harness Maker.

It is just impossible to support a large family on one dollar and twenty-five cents a day and clothe the children suitably to send to school even if no sickness occurs.

Harness Maker.
More study and less rum would make our State a better place for people to earn a living in.

Harness Maker.
I hope to live to see the day when this country shall be governed according to the will of the majority intelligently and independently expressed at caucus and polling place. I believe this would greatly improve the condition of wage workers. Railroad Tool Maker.

Railroad men injure themselves and each other by harboring petty jealousies and suspicions of each other. Nothing, perhaps, is better calculated to broaden the views of working men and eradicate the above evil than prompt and regular attendance and faithful and zealous work in the several labor organizations.

Railroad Freight Brakeman.
The crying need of railroad men is organization, and co-operation at the caucus and polling place. Railroad Freight Brakeman.

Don't lose any time at my work. A laboring man, and especially a railroad man who has to lay steel rails in summer and shovel snow all winter, should have at least two dollars a day, and no man
can educate and dress his children as they should be, for less. It has taken all my best days to get my home, and it is a small one at that. Railroad Section Hand.
l work in the shoe factory as much as I can, when there is no work in the ship yard.

Ship Carpenter.
In winter we work until dark, so there are many days that we do not get in more than eight hours.

Ship Fastener.
In 1889 our pay was $\$ 2.50$, but during 1890 we got $\$ 275$ per day. This year we get but \$2.50 a day. Ship Joiner.

I work in winter on the field sawing out the blocks; in summer I bar up the cakes in the house. The ice business, first and last, is no good. I never have got enough out of it so as to save a cent yet.

Iceman.
In summer we are paid off every Monday, but in winter, when we get the least work and the least money and need it the most, we get our pay every fortnight

Iceman.
In my business we generally get in from five to seven months in the year.

Iceman.
We average about four days work a week from April 20th to the middle of November. I worked just thirty-two days, beginning January 8th and finishing up March 2d. I think we could not and did not work over three days in a week on an average, and it generally runs that way in the summer, work three days then loaf three days waiting for vessels. Even if we could get in every day at present pay. I don't think we would do as well as a man who has a steady job in doors at $\$ 1.25$ a day. We have to eat, dress warm, and face all kinds of weather. There is no soft snap for a man working on the ice as a business It generally takes from twenty to thirty days to get the ice in winter, so we don't get more than one month's work in five months.

Iceman.
I use a pick both summer and wiater. I never have tried to save anything as it generally takes all I earn to pay my bills. If I could get $\$ 1.50$ a day at steady work I might have some ambition to lay by something

Iceman.
Some years I do not get more than one hundred dollars out of the ice business, and have to job around at other work. If' a man could
get steady work at one dollar and a half a day he would be a fool to accept two and a half on the ice.

Iceman.
By jobbing around the houses when there is no regular work, I managed to get in every working day in the year, earning nearly six hundred dollars.

Iceman.
I get one dollar and fifty cents a day on the ice, and it is an extra good year when I work more than half of the time. Iceman.

We get twenty-five cents less this year than last. I cannot live any cheaper than I do, as my children are getting bigger and need more. It is shoes or something else all the time, and then they must eat, and when a man is obliged to buy everything it costs all he gets, and then be is obliged to deny bimself and family of many things they need. My children are earning considerable this year and next year they will do still better.

Iceman.
Usually we don't work half the time in the shipping season, but during the season of 1890 we averaged four days out of six. The longer a man works on the ice the poorer he will be; but then, what is a man with a large family and no money going to do about it? I never have done anything else and so must keep on. Iceman.

I think the firm I work for is as good as any on the river and pays better than some. I lost about four months last year.

## Iceman

I got a dollar and a quarter a day in the winter and a dollar and sixty-two cents in summer. Came out about even.

Lath Suwyer.
The mill I worked in run five months last year, but think we shall get in six months this year.

Slub Cutter.
I believe that drink canses more want and misery than any other thing ; with that, and the avarice of capitalists, labor cannot keep up with the social and financial progress of our time. Shut up the rum holes, give the working people more time to rest and think, and the future will be brighter. Eight hours a day, less rum, more fellowship for each other, and more organizations among wage workers, is what we need.

Edger in Sawmill.
Some men in this mill own their homes, but I never have got anything ahead to start a home with. Have all I can do to support my tamily.

Sawmill Hand.

I can't save anything because I don't try; I want to enjoy what I now have; some time I can't. I know the most of the fellows in the mill who are married have about all they can do to pull through and come out even at the end of the year. A man can't last long working at this business, and if be don't take his enjoyment before he is married he surely can't after he has a family dependent on him. I often pity the poor little children that work in the mill, who ought to be at school.

Mule Spinner, Cotton.
I think in regard to weekly payments, that, by having my money oftener, I could do my trading mostly for cash, and everybody who has tried it knows that by so doing he can save at least fifteen cents on a dollar and on a good many things he buys more than that, consequently I am in favor of weekly payments.

Loom Fixer, Cotton.
I am required to work but ten hours a day, bat the speed runs ten and three-fourths hours and the greater part of the help work that time. Before the fortnightly payment bill passed, I was paid weekly and I could buy all my household goods for cash, and I believe that in so doing it was as good as saving from fifteen to twenty per cent of my wages. For this reason I am in favor of weekly payments ; also for a ten hour law that will apply to speed.

Loom Fixer, Cotton.
During the summer, we work eleven hours for five days in the week and five hours on Saturday, so that the employes may have a chance to go to the beach or any other place they may wish to rest and get a change of air. This half holiday is much appreciated by a majority of the operatives, without which there would be much more sickness among them. I get all the way from seven to nine dollars a week, and nearly every year put a little in the savings bank.

Card Grinder, Cotton.
Some days I make a dollar and a half and other days as low as one dollar. I have worked in a cotton mill for six years, lose no time, and save some little money each year, but have to figure close and deny myself and family things that we think we need. I make as good pay as any weaver in this mill.

Weaver, Cotton.
I know that three hundred and fifty dollars is not a fair share of what I produce.

Mule Spinner, Cotton.

Some years I don't do as well as I did last year but by denying myself I get along some way. I work by the piece and make from nine to fourteen dollars a fortnight.

High Winder (female) Cotlon.
My sister and I work in a cotton mill and can make a living if we are well but cannot save much. If either of us should be sick or if we lose any great amount of time we would soon use up what little we have managed to save while in good health. It is simply staying, that is all. We have no time to do our own cooking as we work eleven hours a day, so we must board out. We manage, however, to room ourselves which is more home like, and we consider ourselves much better off than some of the girls who are obliged to board at the corporation boarding house.

Spooler (female) Cotton.
I commenced work in a cotton mill at fourteen years of age at thirty-five cents a day; have worked eight years and now get eightyfive cents a day which is as much as any of the girls in this mill get in the spinning room. I would like to get out and try some other kind of work as I find it hard to get more than enough to pay my bills from one month to another. I hear of girls who are doing better, and my mind is made up to change and shall do so as soon as an opportunity offers. . Spinner (female) Cotton.

By the utmost economy I have managed to get a home and save a little every year, but I must deny myself and family of many things we need.

Picker, Woolen.
We have a steady job in this mill which is better than the most of woolen mills I have been in.

Carder, Woolen.
The past year was the best I have known at shoemaking for over ten years, and the present year bids fair to be the worst, owing to the many failures and the general condition of the trade. Manufacturers are not anxious to put out many goods on an uncertain market.

Shoemaker.
I worked every day but some days did not have more than two or three hours' work. On this account I cannot save much.

Shoemaker (female).
Am expected to be in the shop ten hours a day but do not average more than five hours' work. Shoemaker (female).

The firm put in what they call fifth quality last August, and made the price about ten per cent less than we had been working for. They don't call it a cut down but we do. If I could have ten hours' work a day I could make a dollar and a half, but as my work runs I don't make over sixty-five cents a day.

Lining Maker, (female) Shoes.
If I did not live at home I could not pay my way.
Button-hole Finisher, (female) Shoes.
I work one week by day for ten hours and the next week by night for thirteen hours.

Paper Mill Hand.
I work nights one week, three days for a week, and every other Sunday half a day cleaning up. This accounts for the extra time I get in.

Puper Mill Hand.
I am supposed to work twelve hours a day, but the man who runs the other tower, that is, runs the machine nights which I run days, works one hour for me, and when I work nights, I work one hour for him, so when I work by night I put in thirteen hours, and the next week by day only eleven hours. When I go to dinner the man on the next machine looks after mine and when he goes I look after his machine. The mill runs twenty-four hours a day.
(Machine Tender Paper Mill.)
I am a widow with two children. My father gives me a rent free and assists me in clothing my family. I could not get what I need but for this assistance. Cutter (female) Paper Mill.

Mr. Cleveland uttered a truth in his last message to Congress, when be said that the "gulf between employer and employed is constantly widening." There are thousands and thousands of wageearners all over the land that believe this to be true; that feel it to be true; that know it to be true.

One selling a line of goods over a long term of years, learns by studying numerous influences, to almost anticipate the market. I have been selling labor for forty years and I never saw the time when the future looked so dark as at the present time. This I know will seem to many a very pessimistic view. I will give some of my reasons. With the flood of cheap labor pouring in upon us. from all directions, there can be but one result; wages and the standard of living must go down until they reach the level of the stagnant pools from which they flow.

We seem to be in the midst of an industrial revolution, and that revolution in the direction of cheap labor. Ten years ago we had no use for it. Why does it find employment to-day? Because these people are contented and happy with wages and a standard of living that would be, to the American, intolerable. Then again the efforts made by labor to resist the aggressions of capital have had a tendency to antagonize employers, and it seems, sometimes, as though foreiguers were employed out of spite ; in a spirit of retaliation. Certain it is, the servile foreigner is preferred in all the industries, for the same reason that Bridget is preferred in the kitchen, because he knows his place. The American skilled mechanic, possessed of a fair share of those attributes that go to make true manhood, carries his own sovereignty under his own hat, and walks the earth the peer of any man he meets. Ten years ago his merits were sure of recognition ; to-day he is not wanted because around that man is a quiet dignity, and beyond a ceitain line the profane, vulgar, and brutal foreman dare not tread. Hence the servile foreigner. Again, machinery has taken the place of intelligent labor, and the ignorant foreigner is preferred because the less intelligence, the less ambition and fewer aspirations, and of course more contentment with a low standard of living. Again, there are no trades to learn, and the only thing a boy has to look forward to, to stimulate his ambition, if he is doomed to "eat bread by the sweat of his face," is to "boss" the foreigner, or to become the automatic attachment of a machine. This is one of the shadows athwart the sky of the boys growing up, and a close observer can detect already a careless, ambitionless, bappy-go-lucky way of doing work.

Every cargo of these "utter failures of civilization" dumped upon our shores, degrades labor. Manual labor is not as honorable as it was yesterday; it will be less honorable to-morrow. The social status of the wife and children is fixed by the kind of employment of the husband and father. Men after years of faichful service are discharged without one word of explanation. Perhaps the employer may deign the cold, cant, reply, "Your work is all right, but we have decided to make a change;" and this change means this : the man walks out of one end of the shop, cheaper labor walks in at the other, and wages have not been reduced, as they will inform you at the counting room. It is this terrible uncertainty that is so discouraging. I doubt if five per cent of the shoemakers to-day,
count, with any degree of certainty, on their work to-morrow. Many things are done under one pretext or another; the real object seems to be to humiliate labor; doors are locked, and a man leaving his employer would no more presume to re-enter the workrooms where he has spent years of bis life, than he would enter the parlor of his employer unannounced. Should he want to see his shopmates they would be called to the office. There is much "red tape" of this kind that only serves to antagonize labor, make the gulf wider, alienate all kindly feeling, leaving coldness and distrust in its place. Another discouraging out-look, is the growing indifference, and almost utter want of sympathy of the press, in labor troubles. Sixty thousand men are compelled to leave their organizations or their work, and it excites hardly any comment and little sympathy. Men that dare to resist reduction of wages in the South are hunted with blood hounds, and hung by the neck for their impudence, and we have only the merest mention of the fact.

It is painful to witness the extreme solicitude manifested on the stump for the poor laboring man. The republican wants to protect his wages, and the democrat is equally anxious to give his wages a greater purchasing power. A curious fact I notice in this connection ; my republican employer is just as fierce to cut me down, and my democratic grocer is just as greedy for his part of the "iniquitous, illogical and unnecessary" five cent tax on eggs, and when it comes to any labor legislation, even before the "salt of the unrighteous tears they have been shedding has become dry;" they join hands across the bloody chasm, and party lines disappear at once. I often think, while reading speeches made in Congress on the subject, how much I would like to have them take a day's labor into the market to sell, when that labor was to pay for the bread and butter that their wives and children ate the day before, touch elbows in competition for an existence, with the ignorant foreigner who is content and happy to make his breaktast and supper on soup made from cabbage stumps and pork rinds, and pick up his dinner from the ash barrels, and then to find after much search, only a prospective customer, on condition of signing an application, (think of it, signing an application to sell your labor,) and to find that one condition of that application meant the surrender of certain inalienable rights given to man by the Creator. Could they view the labor market from this standpoint, I think their speeches would read more satisfactorily to the wage earners. This is not a fancy sketch
but an actual condition of the labor market, in the State of Maine, to-day, the "McKinley bill" notwithstanding. One great party would have us believe that because of the McKinley bill, everybody was perfectly happy, and another great party would have us believe that because of the McKinley bill the country was going straight to the "everlasting bow-wows." The fact is, both parties are overworking this question, important as it is. The "poor laboring man" is getting heart-sick at being used as a political foot-ball. "Give us a rest." I believe in the principle of protection from top to toe, but I would place a duty on imported labor, in some way, as well as a duty on the product of that labor. I cast a vote with my employer, which makes it impossible for his foreign competitor to enter the market, but it rests entirely with him how much protection I shall have. The market assesses my wages, and when I rebel, he says, "very well, get out, I can get plenty of Frenchmen that will be glad to do it." The Frenchman goes to work ; soon finds he has got to have a pair of sboes, and three dollars and seventy-five cents is the price asked; "but," says the man, "I can get them for three dollars at home." Yes, I know says his employer, "but I believe in restricted trade relations with Canada; you will have to pay seventyfive cents to get them across the line." Verily he has "him too on the hip.'

Supply and demand regulate prices, it is said. What chances have prices to recover themselves, when, in the busy season, employers of labor can go to the wholesale importers and order a whole train load or a ship load? Do you tell me of the contract labor law? Yes, a most exasperating piece of impotent legislation, with a hole in it four thousand miles wide, through which can walk every nationality on the face of the globe, unchallenged by consuls and unscheduled by tariffs.

I believe in the right, in the justice, and in the necessity of labor organizations; but it seems as though they almost lose sight of one important factor, I mean the almost wolfish competition existing with millions of men, in a desperate struggle for an existence. Ought they not to have given this phase of the subject more consideration, with a view of controlling it? We have been trying to torm a "labor trust," and the result has been, from the very nature of the case. an utter failure. The multiplication of labor saving machincry, and this tremendous influx of cheap labor are results that would not come about but for our strikes within the last ten years. A man
comes to us to buy; we name the price. We go to a man to sell, the conditions are reversed. He names the price, with the odds tremendously in his favor, if we are obliged to sell the goods on a glutted market. And this is the kind of a market we are selling labor in to-day. They are not coming to us to buy, and I see not a gleam of hope of any change for the better, so long as we have "free trade" in labor.

Shoemaker.

The following article is by Mellen Plummer of Auburn, who has been in the employ of the Bureau for several weeks, and specially engaged in collecting statistics relating to the Shoe Industry.

## THE SHOE INDUSTRY IN AUBURN AND FREEPORT.

The shoe industry, as represented by the thirteen firms of Auburn and Freeport, is here outlined, and, in some particulars, is made to show the wonderful progress of the business in the State. The present business is the result of Maine capital reinforced with energy and brains.

The beginnings made by these firms were small, and 1844 is the date the first man, now doing business, entered the field. A. P. White, of the present firm of A. P. White \& Co., began in New Gloucester forty-seven years ago, and, without doubt, is the oldest manufacturer in the business in this State. Mr. White has always made women's work, except for one year, 1856, when he moved to Auburn.

John F. Cobb began business in North Auburn in 1848, and came to Auburn in 1856 , shortly before Mr. White. Mr. Cobb was the first shoe manufacturer of Auburn, moving there over thirty-five years ago.

In 1854, Ara Cushman began the manufacture of shoes in West Minot, and in 1862 moved to Auburn. All of these oldest firms began on women's goods, gradually making men's. Of the firms which have done business, some for years, and some for months, only to disappear, no note is here made, but we will allude to the gradual expansion in capital, product and help of those only which are doing business to day.

The next oldest firm now in existence, is the Gay, Woodman Co., of which firm Mr. Gay began business in 1872 in Auburn, moving over the bridge to his present shop in 1884, and it is the only shop run by water power. Mr. Dingley, who began business with Mr. Gay in 1872 , withdrew in 1874 , and forming another firm, is, at the present nue, the head of Dingley, Foss \& Co.

In 1875, H. E. Davis \& Co., of Freeport began business, and the next to enter the list is Foss, Packard \& Co., in 1882; then the firm of Wise \& Cooper in January, 1883 ; Munro, Packard \& Linscott, in August, 1884 ; and A. W. Shaw \& Co., in 1886, in Freeport ; the American Boot \& Shoe Co., organized May 11, 1889, also Pray \& Small in 1889, and last of all Nute Brothers Shoe Co., incorporated June 25, 1891.

## THE CLASSES OF GOODS MADE ARE AS FOLLOWS.

Ara Cushman \& Company and Dingley-Foss Shoe Company, men's, boys' and youths', all grades leather, base ball or canvas, beaver and carpet goods.

Munroe, Packard \& Linscott, men's, boys' and youths', all grades leather and base ball or canvas.

American Boot and Shoe Company, A. W. Shaw \& Company, and Nute Brothers Shoe Company, men's, boys' and youths', all grades leather.

Gay, Woodman \& Company, and Foss, Packard \& Company, men's, boys' and youths', medium grades leather, and base ball or canvas.

John F. Cobb Shoe Company, men's, boys' and youths', medium grades leather.
A. P. White \& Company, old ladies' soft felt shoes.
H. E. Davis \& Company, women's hand sewed boots and shoes, medium grades.

Wise \& Cooper, and Pray \& Small, ladies', misses', and children's, all grades of kid, oil goat, \&c.

The territory supplied by these firms is the whole country, and the larger the area over which their business extends the less slack time in their factories, for the reason that different sections of the country want goods at different times, and orders come in from some locality daily. Usually spring and summer goods are made in fall and winter, and vice versa; but southern trade is supplied first, then western trade, and lastly comes New England and the North. Formerly there was a period of rest of about six or eight weeks between the two so-called "runs" on the next season's goods, but now, except for unusual depression in general business, there is only slack time to take account of stock, for repairs and holidays, and of recent years, large crews have worked nights to keep up
with the orders. Thus labor averages about forty-eight weeks of actual work.

As regards the present firms, the following table will show the growth and progress of the business:

| Date. | Capital. | Hands Employed. | Product. |
| :--- | :---: | :---: | :---: |
| 1844 | $\$ 5,000$ | 17 |  |
| 1848 | 6,000 | 38 |  |
| 1854 | 11,000 | 60 |  |
| 1860 | 21,000 | 110 |  |
| 1872 | 355,000 | 550 | $1,520,000$ |
| 1882 | $509,0 \wedge 0$ | 800 | $2,574,000$ |
| 1887 | 758,000 | 1,520 | $4,441,238$ |
| 1891 | $1,228,100$ | 1,869 |  |

This amount for 1891 , represents about $3,553,000$ pairs of foot wear made from June 30, 1890, to June 30, 1891.

There has been a decrease of from ten to forty per cent in the cost of materials of nearly all shoe findings, since 1872. Sole leather, now twenty-five to twenty-eight cents, in 1872 was chirty-eight to forty cents. Upper leather has lowered about ten per cent in price, while linings are from thirty to forty per cent less, according to grades. Goat skins, a trifle less in cost, while all kinds of sheep are higher as a result of improved methods of tanning in imitation of goat, and all upper stock, and many of the styles are of good wearing qualities and sell readily. Genuine kangaroo has been somewhat reduced in price since its introduction a few years ago, and although a great deal ot it is worn, yet most shoes so called are imitations, and it is also true of cordovan or $h$ rse hide, which makes the smoothest of all shoes, when polished.

## MENS' WORK.

In men's balmoral or congress work there are either twenty or twenty-four pieces in each shoe. The make up of a congress shoe, best goods, is as follows:

Outer sole, one piece, red oak tanned leather.
Outer tap, one piece, red oak tanned pieces.
Inner sole, one piece, cheaper leather, no finish.

Shank, one piece, iron three inches long, thin, one-half inch wide, with wood end pieces.

Counter, one piece, leather, shaped for heel stiffening.
Foot lining, one piece, enameled cloth, common cotton.
Outside tip, one piece, kangaroo, cordovan, calf, \&c.
Inside tip, one piece, cloth pasted to leather tip.
Box, one piece, cloth and shellac to harden.
Vamp, one piece, kangaroo, curdovan, calf, \&c.
Vamp linings, two pieces, cloth about one inch wide, length of shoe, pasted on vamp to give stiffness.

Backs, two pieces, kangaroo, goat, \&c.
Gores, two pieces, elastic webbing.
Crimp front, one piece, kangaroo, goat, \&c.
Inside linings, two or four pieces, duck, when two leather back stays are used there are two linings only.

Back stays, one or two pieces, sheep or calf bleached. Two stays make a leather back. One stay covers back or heel seam.

Straps, two pieces; garter web, to pull on shoe.
Base ball work which is manufactured durins fall, winter and spring, adds largely to the shop crew, for the linings are pasted to the canvas outsides before being cut, requiring two men at a long bench, and all the trimmings and facings, as well as the outsides, require more cutters, fitters, and others, to complete the work. The cutting on regular goods is done by hand knife on everything above the bottoms except the usual sheep or calf single back stay, which, together with all cheap goods is cut with maul and die on a block, but in some shops die machines, such as cut soles, are used to cut cloth linings. It is the prevailing opinion that machines waste more cloth than cutting with knife by pattern, and so are unprofitable. The quarter cents, yes, the mills, are all figured in the shoe business, and the cutters use more brains about their individual work than any branch of the trade, for the close figuring upon all upper stock, which is of great value, is made from their judgment, and labor is of little value compared with a man's ability to save stock, which is not the case in other departments. In cheap work like base ball, leather board, which is made like paper from bieached leather pulp, is used for inners and taps; counters of some grades are also of leather board and pan cake, which is leather shavings pasted together under pressure ; and pan cake is also put into heels. These things are quite economical and help to reduce the price of shoes. Best goods
are solid heels, others may be scraps put in any way to form the heel, with solid top lift to hold the structure in position.

Now as the business is one of details, and as the various branches of work in the business may be called one hundred or even one hundred and fifty, without including everything, the following classification into ninety-one branches, and the average of wages as given may be accepted, perhaps, as a fair showing in comparison with other industries, for a period of forty-eight weeks, on men's goods. No account is taken of individual lost time, but the average is made from the average of crews at an average of time less shop repairs, and all usual yearly stock taking, holidays, \&c:

|  | Division and Description of Work. | Day or piece work. | Av'age weekly wages. |
| :---: | :---: | :---: | :---: |
|  | Cutting Rooms |  |  |
| 9 | Calf cutters, cut vamps out of high grade stock. | Day | \$13.50 |
| 1 | Carpet cutter, cuts carpet slippers | Day | 10.00 |
| 25 | Vamp cutters cut vamps of grain, buff, split leather, \&o | Day | 13.06 |
| 44 | Top cutters, cut tops and backs of kangaroo, dongola, \&o | Day | 12.09 |
| 4 | Goring cutters, cut elastic web gores for congress work. | Day | 10.50 |
| 18 | Lining cutters, cut inside and vamp livings | Day | 10.66 |
| 26 | Trimming cutters, cut faciogs, back stays, \&o | Lay | 9.04 |
| 13 | Die block catters, cut oheap trimmings with maul and | Day | 7.96 |
| 1 | Strap cutter, cuts straps for all shoes. | Day | 7.50 |
| 21 | Sorters, sort tops, backs and vamps, after they leave the cutter, inco grades by weight and quality | Day | 12.61 |
| 9 | Markers, mark case numbers and sizes on gores and linings ... | Day | 9.60 |
| 10 | Crimpers, work includes cutting congress fronts after crimping and also the machine work of forming the front........... | Day | 11.15 |
| 21 | skivers, thin the edge of leather tops, backs, vamps, \&o, for making nice edge to fuld or stitch | Day | 10.52 |
| 5 | Room biys, for various room work, errands, \&c. | Day | 5.20 |
| 36 | stitching Rooms. <br> Cylinder vampers, stitch vamp to top after being closed at the heel | Piece | 9.64 |
| 35 | Flat vampers, stitch vamp to top before the back is closed | 1 iece | 9.03 |
| 15 | Eyeleter, put books and eyelets on batmoral shoes | Piece | 8.79 |
| 41 | Pasters, paste various parts together to hold for stitching. | Piece | 6.93 |
| 25 | Stayers, stitch in heel or back stay. | Piece | 8.53 |
| 7 | Tongue stitchers, stitch in tongue. | Piece | 9.45 |
| 68 | Top and gore stitchers, stitch top and gore to lining | Piece | 6.87 |
| 9 | Sample fitters, fit together the entire sample work | Day | 9.37 |
| 11 | Tip stitchers, sew leather tip to vamp | Piece | 7.64 |
| 29 | Lining makers, stitch up front seam of lining | Piece | 7.34 |
| 21 | Folders, fold edges of linings and leather | Piece | 8.09 |
| 7 | Binders, stitch on bindings | Piece | 10.46 |
| 10 | Trimmers, trim linings even with vamp with hand shears | Day | 6.65 |
| 10 | Welters trim the welt piece in heel seam | Day | 11.37 |
| 26 | Clusers, close sp back seam ....... | Piece | 10.72 |
| 21 | setters up, line the vaups with cotton flannel | Piece | 5.13 |
| 8 | Strap makers prepare the full straps | Piece | 6.12 |
| 42 | Room hands, perform any duty, includes spare help. | Day | 6.58 |
| 8 | Machinists, look after stitching machines and factory | Day | 16.56 |
| 1 | Marker, marks for fancy stitching. | Piece | 11.91 |


|  | Division and Description of Work. | Day or piece work. | A v'age weekly wages. |
| :---: | :---: | :---: | :---: |
| 4 | Stitching Rooms-Concluded. Lining pressers, press the folded linings. | Piece | 8. |
| 11 | Corders, cord tops and do fancy stitching .. . | Piec | 8.80 |
| 1 | Quilter, quilts beaver boot legs | Piece | 7.50 |
| 5 | Heel stay fellers, stitch down edge of heel stay | Piece | 5.40 |
| 9 | Closers on linings, sew up heel seams which brings lining together or closes it. | Piece | 8.00 |
| 4 | Strap stitehers, stitch in full straps. Many shops have it done by top and ore stitchers at same time | Piece | 6.42 |
| 1 | Pounder, pounds beaded edges to a surface .. ................ | Piece | 6.00 |
|  | Bottoming, Treeing, Finishing and Packing Rooms. |  |  |
| 59 | Machine lasters, form upper to last by machine power | iece | 9.58 |
| 139 | Hand lasters, form upper to last by hand | Piece | 8.54 |
| ${ }^{6}$ | Last pullers, pull lasts from machine lasted shoes. Hand lasters pull each bis own lasts. | Pioce | 6.68 |
| 17 | Sole tackers or layers, place the outer sole ready for stitching or nailing . . . . | Piece | 13.11 |
| 5 | Heel seat shavers, cut off surplus leather ready for heels | Piece | 13.44 |
| 1 | Heel seat nailer, nails down a place to set the | Pi | 13.12 |
| 3 | Fillers, lay tarred board between the soles | Piec | 11.54 |
| 2 | Forepart fillers, same as fillers | Piece | 8.36 |
| 2 | Cork sole layers, place the cork sole between outer and inner sole. | Piece | 13.71 |
| 21 | McKay stitchers, sew bottoms to uppers | Piece | 18.23 |
| 15 | Fair stitchers, stitch around outer edge of sole | Piece | 15.23 |
| 15 | Goodyear stitchers, duuble sew bottoms to upper stock with a welt. | Piece | 15.74 |
| 1 | Wardwell stitcher, somewhat like Goody | Piece | 15.00 |
| 11 | Standard nailers, nail bottoms to upper stock on heavy shoes.. | Piece | 14.54 |
| 14 | Levellers or beaters out, press the sole into form. (Old style beat it out.).... | Piece | 11.81 |
| 20 | Heelers, nail on the heels | Piece | 12.04 |
| 10 | Sluggers, nail slugs into the heels | Piece | 10.51 |
| 9 | Breasters, trim the inside of heels | Piece | 12.61 |
| 2 | Welt fixers, skiver or split down the Goodyear welts, which are bought prepared in widths for the purpose . .... ............. | Piece | 11.90 |
| 3 | Heel trimmers, trim outside of heels | Piece | 15.05 |
| 34 | Edge trimmers, trim edge of sole | Piece | 15.86 |
| 12 | Heel scourers, prepare surface for | Piece | 11.60 |
| 3 | Randers, trim out top bevel of sole at the sha | Piece | 11.84 |
| 6 | Edge blackers, black edges of soles and heels before burnishing | Piece | 5.84 |
| 36 | Edge setters, harden and burnish edge of soles | Piece | 14.22 |
| 183 | Finishers, polish surface of bottums | Piece | 8.34 |
| 14 | Heel burnishers, polish heel surface by | Piece | 11.21 |
| 2 | Shank burnishers, same as finishers. | Piece | 13.50 |
| 3 | Split inner cementers, put thin leather coverings inside the sole to cover stitches, \&c. | Piece | 975 |
| 49 | Treers, rub a dressing into the upper leather of shoes | Piece | 10.27 |
| 24 | Dressers, put on polish after treeing. | Piece |  |
| 7 | Pasters, paste cloth lining on battons when finished, also put in lacings | Piece | 6.21 |
| 1 | Striper on ingrains | Piece | 10.25 |
| 2 | Filling pullers, remove wooden forms from finished shoes. | Piece | 8.10 |
| 1 | Stamper, stamps desigu or name on bottom of finished shoes... | Piece | 9.58 |
| 2 | Labelers, label cartons. | Piece | 7.82 |
| 5 | Pounders up, form up counters when uneven .... .... ....... | Piece | 12.00 |
| 15 | Packers, pack shoes in cartons or paper boses, alsn into cases | Piece | 9.63 |
| 31 | Koom boys, do errands and udd jobs | Piece | 7. |


|  | Division and Description of Work. | Day or piece work | Av'age weekly wages. |
| :---: | :---: | :---: | :---: |
| 23 | Sole Leather or Stock Room. Heel cutters, cut heel lifts on blocks. | - | \$9.6 |
| 32 | Heel builders, tack lifts together. .. | - | 7.7 |
| 17 | Sorters, sort by weight, color and quality | - | 11.81 |
| 17 | At putting up, arranging by size into cases | - | 10.05 |
| 42 | At stock fitting, including channellers, channel turners, tap skivers, sole moulders, tap and sole tackers, inner splitters, \&c | - | 9.17 |
| 8 | At rolling machines, hardening down sole leather ............ | - | 8.50 |
| 11 | At skiving machines, $\cdot$ vening up soles by thinning | - | 8.31 |
| 6 | At racers or strippers, outting into strips of uniform width | - | 10.33 |
| 26 | At die machines, cutting soles from strips. . | - | 11.48 |
| 4 | Koom men, for all odd jobs ... ... ..... | - | 6.84 |

Into these ninety branches are placed the workers on men's goods in nine shops, and the ninety-first branch is the pattern maker, the man who drafts the patterns used in the cutting room, from the last, and designs the style of shoe. The patterns are of heavy pasteboard bound with brass or steel, and at this time only Munroe, Packard \& Linscott and Ara Cushman Company have men who give their entire attention to that work. The other firms send away for their patterns, or some member of the firm does the drafting, for it is a very responsible portion of shoe work, and upon it depends the beauty of the finished product.

In the foregoing lists will be found averages high and others low, but the extremes are not shown. That one man can earn at daily toil $\$ 1,150$ per year, seems extraordinary in the shoe business, and that men should begin work as low as $\$ 200$ per year in some kinds of shoe work, is also strange, but these amounts, so varied, meet upon these pages.

An investigation of the shoe industry of the entire State, would, probably, show a lower general average of wages than that above given, as, in the smaller towns, employes will work at lower wages, rather than leave home to obtain employment. Again, individual returns of annual earnings may show a lower average of wages, on account of lost time, and this can only be shown by the reports of individual workers, to the Bureau. The wage earners should realize that upon their reports can be based averages of vital importance in the labor problem, and they should so understand it, and accordingly make proper returns.

## WOMEN'S GOODS.

We will now proceed to show a limited classification, with the averages, on women's goods, the employes upon which are receiving in most cases, where comparisons can be made with men's goods, a higher rate of wages. This may be accounted for in part by the fact that competition is not strong between city shops paying fair wages and country shops paying less, as is the case in men's goods, and the inducements of shops free of rent, taxes, etc., for a term of years, in small villages bave only caught some of the cheaper grades of manufacture in women's wear.

In all shops work is sublet to competent men who hire sufficient help to get out the daily product and make large earnings by that method.

## STITCHING ROOM.

Fitting all by piece; 60 pair cases.

| No of workmen. | Division and Description of work. | Average weekly wages. |
| :---: | :---: | :---: |
| 5 |  | \$10.49 |

3 Rubbing linings, heels and fronts ... ... .............................. 10.29

4 Closing heels and fronts ...................... .......................... 13.61
3 Staying heels and fronts. .... ............................................ 11.15
4 Pressing vamps and quarters............................................... 11.12
6 Closing on.................................................................... . . . 9.15

4 Stitching tops................................................................. 10.11
4 On button holes ... ..... . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . ... 10.61
3 Barring button holes .... ............... . . . . . . . . . . . . . . . . .... . . . . . . . . . 8.82
2 Finishing button holes.................... .... .... ..................... . . 8.23
11 Vamping ..................... ........................................... . . 9.98
2 Sewing on buttons. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . $9 .{ }^{6}$
2 Marking for buttons ........... .......................................... 11.23
3 Centering ... . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 10.00

2 Buttoning................................................................. . . 12.00
2 Embroidering tops. ........ .... ............. .............. .... .... .. . 8.50
1 Stitching tips........ ... ............................................... 17.00
1 Stitching tongues, punching and eyeleting............................ 10.00

CUTTING ROOM.
20 Cutters on outsides ... ........... .. ........ .................... $\$ 13.57$

2 Room boys......... ....... ............................... .. .. ......... 6.33
and Labor statistics.157
BOTTOMING AND FINISHING ROOM.piece work, all sublet.
42 Bottomers who do the woris of three firms, except the lasting of one firm, which sublets each class of work after fitting is done ..... $\$ 11.02$
3 McKay stitchers ..... 15.66
4 Goodyear stitchers ..... 11.25
2 Beaters out ..... 15.00
3 Heelers. ..... 16.66
4 Trimmers ..... 18.75
3 Edge setters ..... 25.00
3 Heel burnishers ..... 16.66
8 Finishers ..... 21.89
4 Day help ..... 6.00
24 Lasters, sole tackers ..... 10.75
SOLE LEATHER ROOM.
all sublet.
9 Employes ..... $\$ 14.72$
PACKING ROOM.ALL 8Ublet.
8 Employes. ..... $\$ 6.50$

The above classification does not have the detail as given in men's goods, but it is there much the same, though it being sublet in many cases, cannot be arranged by branches or subdivisions. The same thing occurs in all shop work, and where an employe does more than one kind of work, he has been placed in that subdivision of work which required the greatest amount of his time. In the smaller shops many girls do a great variety of work and it has been difficult to arrange those employed at fitting women's shoes.

## GENERAI REMARKS.

Great changes in the business may be clearly seen as follows: Labor earns by machine now one hundred per cent more than by hand in 1884 ; female labor is paid several times the wages of 1850 , and males receive about three and one-half times the wages of $1850 .{ }^{\circ}$ Since 1883-4 shoes have decreased one-third in price; one can purchase now for two dollars a better shoe than for three dollars in 1884. One-third of decrease is because of machine improvements, and two-thirds, to decline in price of stock, especially in women's goods.

The census of 1880 gives the shoe workers in Maine an average of seven dollars per week for fifty weeks; undoubtedly the individual average is much higher at the present time. The average age is now about twenty-one or twenty-two years for female, and about thirty for male shoe workers, caused by the leaving of females upon entering matrimony, and by the introduction of machines which can be trusted with younger employes. Experience is of out little value; enough may be acquired in months now, instead of years, as formerly. The shoe workers are mostly American, ten per cent only, or one hundred and eig ty-seven, being one huudred and twenty-four French, fifty-one Irish and twelve Nova Scotians. One shop contains seventeen per cent foreign workers, and, another shop contains only Americans. It is also conceded that only about eight per cent male and five per cent female employes make any savings, but that is only another plea for less hours of labor, for shoe work, while needing but little effort of brain, is a great user of nerve force. Puor ventilation, variable temperature, insufficiency of water closets, and constant muscular and nervous tension, make shoe workers far from contented, and while the condition of the man who leaves for out door work in the spring, returning late in the fall, is to be seen with sympathy, what, may I ask, can be the conception of the sufferings of those continuing year after year in the shops? Kidney, stomach, liver, lung and membraneous affections are a few of the disorders from which they suffer.

Shoe manufacturers have been troubled about the wage question, and foremen of departments have stated that not a week passes but some employe has an increase of wages, but it will only be fair to state that this occurs nearly always in work paid by the day, as in the cutting room, where men are frequently changed to otner work. Very little note is taken of this individual increase of earnings, but any cut down is the precursor of trouble. That, perhaps, is as it should be, for labor is not fully paid for its life blood. But these troubles are a great annoyance and nearly all employers as well as employes are believers in arbitration. In every shop which recognizes and depends upon the Lasters' Protective Union for its lasters there is a price list arranged yearly in April and a shop committee is appointed by each local union from among the shop crew of lasters to represent the union in its business with the firm. Some firms believe in shop committees as a method of arbitration, some view in a favorable light a local board of arbitration, but the
many are of opinion that for the industries of the State there should be a board of disinterested meo to decide all questions in dispute which may properly require arbitration. Shop committees are not always well supported, local boards would perhaps be prejudiced, but a state board of arbitration would act as a court of equity and with due justice to all parties. By state arbitration it would seem that many labor difficulties would be obviated, and if entire satisfaction was not always given, yet a vast saving would be made by immediate settlement of disputes.

In 1847, the first machine was introduced into the shoe business. It was the rolling machine for pressing sole leather which before then was beaten as cobblers are seen to do at this day, in some localities. Since then the machines of all sorts have come into use with such results that New Englind stands at the head in shoe making. Contrast the sole trimming of one hundred pairs of shoes by a smart man, daily, at hand labor, with the three or four hundred pairs by machine with less labor and increased earnings. Note the machine for skiving or thinning the edge of upper stock for folding preparatory to stitching, and see it cut down all stock to a uniform level as rapidly as the worker can put the tops, vamps, backs etc., into the machine. That work done by hand upon a slab of marble or glass with a thin flexible blade is to be compared with the machine, as a candle to the electric light. The soles of shoes are now sewed to the uppers by machine in a manner which is superior to the finest hand work and at many times the speed. The stitching upon the upper portion is done at an even more rapid rate. Much has been said of lasting machines, and as it is of value to shoe workers and weavers of shoes it may be briefly summarized. Several kinds have been considered, those which were qualified to do the work upon fine goods and also others which were by common opinion best adapted for canvas or other cheap work. It may be stated upon good authority that machine work has been done which would stand every test of the perfect band work, in fit, in wear, in appearance, and that it depends upon the operator in machine work as it also does in hand lasting, in regard to the character of the work, and not upon the machine method as opposed to hand. This statement then follows and may be readily accepted, that machine work will soon be done in all factories, and only a sufficient number will know hand lasting in order to correct accidental faults, etc. A prejudice still exists against machine lasting among shoe dealers and firms, many believ-
ing that machines are not perfected, so they do not try to use them. The general adoption of machine work will make some changes perhaps to the advantage of labor. Shops employing union lasters are compelled to keep a sufficient crew to do the work upon the entire capacity of the shop and in times of slack business the work is made to go as far as possible with the same large crew. Lasters will not of course work with non-union men and if lasting crews were lessened in dull times as is done in other branches, union men could not be obtained when needed to do the increased business. Members of the L. P. U. stand by each other and divide the work as tar as it will go, each laster doing as much as he can, one case at a time, until the day's work is lasted. If there are one hundred cases for forty lasters, every man will get two cases and twenty men will probably secure a third case. Under machine work or non-union hand work the crew can be lessened, retaining enough for the work to be done and allowing others to find work in shops where their services may be required. In other branches, the best workmen and those with families, are kept at work always when possible. Piece work is the rule now in most shoe work, and enables a worker to kill himself as rapidly as he may desire, or, if sensible, he may be contented with a fair day's work. Prices by piece are not uniform, and by day, wages depend less upon the man than upon the demand for his labor.

## MAINE ICE INDUSTRY.

By L. C. Ballard.

Storing ice as a refrigeration dates back in "Ancient History." Snow was the first commodity, stored in deep pits in the ground, covered with earth as protection from summer heat. It is an established fact that this was sold as an article of merchandise for family use. Years of progress record the harvesting of ice in pits also. Records show that this underground idea prevailed in Pennsylvania.

Ice houses were first erected in the sides of embankments, topped out with stone and wooden roofs. At this day large stone houses of thirty thousand tons capacity are standing up the Schuylkill river and throughout Pennsylvania.

Maine has advanced a step in construction. Houses, wholly of wood, have, in all cases, been erected above the surface. Such prove better adapted to keep ice than underground or stone structures. Cooler and dryer atmosphere can be maintained during the summer, with the use of sawdust and shavings of wood or meadow hay as dunnage. Evaporation is more gradual, which is necessary in order to keep ice from forming a solid mass in the houses. In our most improved buildings, ice can not be carried over three years and loaded, at any profit to the dealer. The cost of labor exceeds that of a new crop.

Years previous to the opening up of this industry in Maine, the consumption was small. Cities south obtained their supply at home when possible. Open winters, Boston was looked to for the small amount required to fill the demand.

Like all our great enterprises, the commencement was small. Its growth, the first ten years, was confined to a few cargoes loaded on board vessels from the Kennebec river, which happened to be in its waters for winter. Mr. F. W. S. Blanchard writes in an ar icle in Ballou's Monthly of January, 1882: "The first authentic: account of ice being shipped from Maine as an article of merchaudise, was previous to 1826, on board the Brig Orion of Gardiner. This vessel came up the Kennebec late in the fall. She was frozen in near Dearbon's wharf, Pittston, opposite Gardiner village. This vessel was loaded with floating ice during the spring, sailing for

Baltimore at the opening of navigation. On arrival, this cargo was sold for seven hundred dollars. It is said, several cargoes were thus put on the market years previous to any attempt housing for summer shipment." In 1826, Mr. Rufus K. Page, in company with a Mr . Gatchell of Hallowell, erected a building of fifteen hundred tons capacity, on Trott's Point, in Richmond, now occupied by Mr. E. D. Haley. This house they filled during the winter, employing ship carpenters and their tools mostly. The building was filled, however, by hard labor. During the summer it was loaded in vessels on account of the Tudors of Boston, who consigned it to all parts of the West Indies and southern ports. The speculation proved unprofitable to the owners who abandoned the business. For several years after, nothing was done. In 1831, the Tudor Ice Company of Boston filled this building, also erected one on Long Wharf, Gardiner, which was then just below where Gardiner bridge now stands. Altogether, some three thousand tons is reported under cover that spring. Cold winters following, no attempt at housing is reported until 1848 and 1849, when the crop failed in part south of Boston. The Kennebec showed quite a business winter. The Tudors were again operating on the river. Mr. W. A. Lawrence, Dr. C. W. Whitmore and Charles A. White of Gardiner, cut and housed two lots, two thousand tons at South Gardiner, and two thousand tons at Pittston.

There were, also, houses at Pittston, "Bowman's Point," Farmingdale, and at Hallowell. Fully ten thousand tons were cut that year. Mr. Lawrence informs the writer that it was "up hill work." He constructed a plow, with one cutting tooth with guides of iron, which was a great advantage. The plow was used plowing lines across the fields, then, with whip saws, cakes were sawed, about two by four feet. These were floated to a temporary incline and hoisted up in the ice house by oxen. The following summer. twentyfive men were employed loading. Fifty tons was considered a good day's work. The largest cargo was 300 tons. Dunnaging was quite an item of expense. Six inches of sawdust was put on top, bottom and sides of each cargo. Consignments were made to New Bedford, New York, Wilmington, Del., and Baltimore. Two dollars and fifty cents per ton received for both lots, loaded. Even at that price the profits were small. The cost of labor, and slow progress in handling, made it a very unprofitable speculation. From 1841 to 1860 , during mild winters, the harvesting showed a
gain. New men eager for a speculative dollar, entered into the business, and each must receive some credit in introducing new ideas and tools for handling their product.

The business, we believe, previous to 1860 , was confined to the Kennebec river. Among the prominent icemen of that period were Major Andrews of Hallowell, G. A. Colburn of Pittston, Wm. S. Grant of Farmingdale, the Bradstreets of Gardiner, Peter G. and Wm., Franklin Steveus and Stephen Young of Randolph, Major Tiffany at Richmond, also many foreign companies operated in a temporary way.

In 1860, we commenced the era of our industry in a more permanent manner, together with more or less as a speculation. The crop failing south that year, with the great increase in consumption, the Kennebec was again the scene of activity. Mr. James L. Cheesman, a New York retailer and Hudson river ice man, came to the Kennebec that year. He was so well pleased with the ice J.C. Atkins was cutting at "Bowman's Point," Farmingdale, that he immediately commenced stacking on the Marshall lot just above. 'The following year, Mr. Cheesman with S. E. Marshall, purchased land, and here commenced very extensive operations. From 1861 to 1865 , he flourished wonderfully. His Farmingdale houses were visited by people from all parts. The capacity was enlarged to over forty thousand tons, and steam was introduced for hoisting. With new and improved endless chains, and ice tools, much was accomplished in a day. It is said, on good authority, he received as high as twelve dollars per ton, bill of lading weight, from our Government, for several cargoes. Mr. C. has received much credit as the founder of "Maine's ice industry." No doubt he did much to hasten the establishment of a permanent business in Maine, but the credit belongs to several generations back, as also to the natural facilities of Maine's waters. Mr. Cheesman lost his hold on the trade about 1867, and in 1868 sold the entire Farmingdale plant to the Knickerbocker Ice Company of Philadelphia. It was about this time that the business was commenced by large and solid companies.

In 1866, Charles Russell \& Company of Boston purchased the house on Richmond wharf, of Mayor Tiffany. Thus, with a good company located on the upper and lower Kennebec, the middle was soon taken up. Mr. Cheesman erected a large plant in Pittston, which he sold to the Knickerbocker Ice Company in 1872. It was about this time, such solid companies as the Great Falls and Independ-
ent Ice Companies of Washington, D. C., located in Pittston, and the Cochran \& Oler Ice Company of Baltimore at Dresden. Then D. W. Clark of Portland, commenced operations on the Sebago lake, railing to Portland, thence by vessels south. But few years later the Carltons, and Rockport Ice Company of Rockport, organized; also H. E. Pierce of Belfast, the latter in 1871. B. W \& H. F. Morse of Bath, now the Morse Ice Company of Bath, commenced business previous to 1880 , which company now assumes the second position among our ice companies in quantity handled. The Knickerbocker of Philadelphia exceeds all others in quantity, yearly, since their first purchase. Capt. A. Rich of Farmingdale, whose capacity now foots up 80,000 tons, entered the business early in the seventies, also the Haynes \& DeWitt Ice Company of Augusta. On the Penobscot river, the first housing for shipment, below the dam, was during the years of 1879 and 1880. Messrs. Rollins \& Arey, D. Sargent, and E. and I K. Stetson, were among the first individuals. Corporations were formed later, and to-day several large companies are doing business, already having established a large wholesale trade. In all parts of our State, are now located large storehouses for ice, as will be shown in the following statistics. The business shows, annually, some improvement of regular trade, up to 1890. That winter, the crop failed south. At Boston and vicinity, only a small quantity was cut and housed, of thin ice, less than four inches in thickness. The Hudson river failed to yield a single ton. Excitement throughout Maine ran fever high. Ice was housed on inland ponds and lakes, never before attempted. Tools and machinery were in great demand. Exorbitant prices were paid for all the needs required to hastily commence work housing. A company operating on Reed pond, Dedham, paid thirteen hundred dollars express, on tools and machinery from New York. The housing was pushed to its utmost in all parts; also shipments by rail from ponds and lakes to Portland, Bath, Wiscasset, Rockland and Belfast, thence by vessels during the winter. The total harvest when completed exceeded all previous years by over one and one-half million tons. The following is a carefully prepared statement of the harvest, from 1880 to 1890 .

## RECAPITULATION.

TEN YEARS' LCE HARVEST.

| Year. | Kennebec river. | Penobscot river. | Cathance river. | Coast and Interior. | Total tons Maine harvest. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1881 | 690,000 | 81,000 | 20,000 | 180,000 | 971,000 |
| $18 \times 2$ | 927,100 | 146,000 | 39,000 | 247,400 | 1,359,400 |
| 1083 | 931,900 | 112,000 | 22,700 | 297,900 | 1,364,500 |
| 1884 | 921,800 | 58,500 | 10,000 | 197,700 | 1,188,000 |
| 1885 | 958,000 | 104,500 | x,060 | 418,900 | 1,4 10,400 |
| 1886 | 638,000 | 176.000 | 20,600 | 633,800 | 1,468,400 |
| 1887 | 793,000 | 151,000 | 50,000 | 317.100 | 1,311,100 |
| 1888 | 837,000 | 200,000 | 9,500 | 309,550 | 1,356,050 |
| 1889. | 845,000 | 274,000 | 10,000 | 395,600 | 1,529,600 |
| 1890.... | 1,441,200 | 506,300 | 42,300 | 1,102,600 | 3092,400 |

We wish we could state that the great crop of 1890 . was as successfully marketed as housed, but such was not the caze. Prices advanced, in Maine, by speculators, and South by dealers, early in the season, beyond the reach of our common people, cutting off the demand far beyond the estimate of all. The season also was cool, and August found Maine ice glutting the market. The high prices, also, estahlished in all our cities south of Boston, the manufacture of chemical ice. It is impossible, as yet, to determine just what effect this will have on our industry. During the winter machines can make ice at a lower figure than it can, at present, be transported from Maine. This will tend to cut off the future demand somewhat, particularly shipments from our coast during winter. As artificial ice cannot be housed and handled at a profit, from the fact of its forming a solid mass in the ice chest or house, and its cooling quaiities in summer not equal that of natural, it seems impossible, as yet, to determine just how much our summer shipments will be affected. The cost to the customers will settle that question. However, Maine experienced a year of excitement and inflation never before witnessed. Money was lost by many and made by a few. Labor benefited much, in all sections, and we can but feel that those entering the speculation could well afford to transfer the amount lost to our laborers.

Having thus detailed, briefly, the development and growth of this great industry to the present time, it seems proper to add the more
advanced ideas of the detail work of building these large ice houses, scraping and planing the ice fields, and filling the houses in winter; also the loading of vessels in summer. A systematic form of labor is now generally carried out in all sections.
'THE PRESENT METHOD OF BUILDING, ETC.
The present method of building houses, of course, is considered by practical men the best, and yet no one supposes that it has attained perfection. For the last twenty years there has been, yearly, decided improvements in some branches of the industry, necessitating corresponding improvements in the building of ice-houses, and there is no reason why they should not continue. There was a time when the cheapest structures, cheapest tools, and cheapest machinery were bought, as a matter of economy, but we are fast outgrowing this idea. Houses are now subtantially built, whilst architectural merits are not lost sight of. The same improvements are visible in machinery and tools used in the trade. When a practical iceman is about to build he proceeds in about the following manner :

After fixing upon the location and the capacity of the house, he begins to grade. Sometimes this is done by day work, and sometimes a survey will be made, an estimate made of the cubic feet of earth to be removed, and the job then let out. By the time the grading is over the lumber order has been made up, sawed, and brought on the ground. This will comprise the following material: Studding for outside, $3 \times 10$ and 35 feet long; under trusses, $4 \times 10$ and 35 feet long; inside walls, $3 \times 8$ and 33 feet long; under trusses, $5 x^{\star}$ and 35 feet long; sills, $5 x 10$ random lengths; cross-beams, $4 \times 8$ and 38 feet long; trusses, $4 \times 8$ and 20 and 24 feet long; truss yokes, $5 \times 8$ and 5 feet long; truss straps, $1 \frac{1}{4} \times 7$ and 7 feet long; purlines, $4 \times 8$; top, $4 \times 7$; truss and king posts straps, $1 \frac{1}{2} \times 7$ and 38 feet long; king posts, $4 \times 6$ length as to elevation of roof-plates, $3 \times 10$ outside, $3 \times 8$ inside; gable braces and stays, $2 \times 4,2 \times 8$, and $3 \times 6$, all spruce. For outside boarding, good quality pine ; for inside, spruce or pine. For the roof, refuse spruce will do if it will hold the nail. For shingles, good pine is the best. Cedar is much used, but it wears badly on large roofs, especially where lime is put on, swing to the sand from white-wash. If painted, cedar is better than pine. Of course, the lumber is all hauled together. And now we come to the actual work of construction

First the sills are laid-and care should be taken that they are laid level and square for each room. Let us suppose that we are building four rooms 300 feet by 35 each, all under one roof. At each joint of the sills a board is nailed on, 3 feet by 10 inches, and a stake is driven to keep the sills in place. All this should be carefully laid out, and the measurements be exactly thirty-five feet in the clear inside, in order that the roof may fit nicely. Then place the outside studding in piles by outside sills, and the inside studding by the inside sills, and the trusses and cross-beams along through the middle of each room. At the same time two 5 -inch stay boards are laid with the sills, and on each are marked the exact position of each stud when elevated.

Carpenters are now sawing studding, square at the foot, and also nailing on stage board five feet long about two feet below top, and placing on sills ready to raise up. Carpenters are also framing roof trusses in each room as wanted. Then commences the raising at the corner, which is done by hand, stayed and plumbed each way, using rafters for temporary stays and braces. When several have been thus raised and carefully stayed, two men are sent aloft to nail on 5 -inch marked strips, stage boards, and change block and fall, which can now be used to hoist studding. At the foot they are nailed in position as marked on sills, and the 5 -inch strip nailed on studding up about six feet. Thus they are held in position. At each truss-post a stake is driven about ten feet out each way from sills, and a rafter plank, used for temporary braces, nailed to stakes and up on studding about twelve feet. The truss-posts are plumbed, and thus held in exact position; and so on the studding are raised. There are several ways to place corner posts. As it is important to avoid all circulation of air, we suggest the following, as the saw-dust will thus fill up the space around the corner. Place the corner-stud flush on outside corner, so that in boarding lengthwise of the house you nail on 3 -inch face, and in boarding across the width of the house you nail on 10 -inch side of stud on outside. Inside, place stud one inch back, flush on inside of sill, so that in boarding lengthwise of the house you nail on 3 -inch face of stud. Saw off flush inside, and in boarding across the width of the house nail on 11 -inch side of stud. Thus both will be inside of wall and the saw-dust will fill around the corners.

Some eight or nine men can be employed to advantage in raising the studding-namely, two aloft, one nailing the foots and 5 -inch
strips, one the stay boards, one to steady the studs with a pike-pole, and four to hoist, etc. As soon as the studding are up in part the carpenters will begin boarding also. At the same time the trusses are being put together and the studding in place for first room, the truss posts on outside walls are sawed off at top, square, and a board is nailed on, projecting up eight inches, the width of the beam. The middle studding are sawed eight inches longer, so that the plates, $3 \times 10$, can be spiked solid to the cross-beams and middle stoudding between each set of trusses. The truss-posts on inside walls are then cut off, square, six inches shorter, as beam-yoke or lock is cut to fit top of post. Bolts are put through yokes beams and ends of trusses, one on each side of truss-posts or inside walls when complete. Then the trusses are hoisted. A single postderrick is used, being made high enough to hoist above plates-a block at top and four guy-ropes to steady derrick. A single rope with dock-block at foot is used with horses. Men are stationed at each guy-rope, and others are ready to place and plumb the truss properly. The beams are cut to fit outside plates, and yoke fits truss-post. Then the derrick, having a shoe at foot, is moved on in position to hoist another truss, and so on until all are up.

In making trusses for outside rooms, let outside truss-frame project up one inch, and saw off the point that first purline will rest on points of both. The trusses for middle rooms both points are cut off the same.

All are hoisted and temporarily stayed. Then the building is perfectly square, and shores are placed inside to keep it in position. Then outside plates are spiked on. Now a loft floor is temporarily laid abont the centre of the building to hoist roof-timbers on and pass each way, as they belong on the roof. Then king-posts on walls of rooms one and four are set up. A short yoke is nailed on top of each for purlines to rest on, $2 \times 4$ and three feet long; kingpost straps are now spiked from top of trusses to posts across the whole. Of course, the foots of each set of trusses have been left open eight inches for plates. Then the first rafters, having been all sized and worked, are brought in use for stagings, two wide, are placed on king-post straps just inside of top of trusses over rooms one and four, and first purlines are carried along on this staging and spiked in position on trusses over rooms one and four. Stage brackets having been nailed at top of first set of king-posts, the second rafters are placed on top of straps already on, and also at
top of king posts on these brackets, from which the second purline is placed and spiked on in position. Then rafters are laid on straps at top of trusses over rooms two and three, and king-posts set up as before; also centre-post at same time. When straps are spiked, and rafters are sent up and purlines on, then all is now ready for rafters, which are found, many of them, as stagings about where they are wanted, handy to pass out in position on roof.

First each gable set is put on and top purline bauled to centre. Then the bottom set of rafters are put on, commencing at gable-ends and using those as stagings, working towards the centre. At the same time the second and third set are being placed and spiked. Then the top rafters are placed. The top purline should be centred and top rafters spiked to purline, all together, solid, and cut off on line of roof when the framework is completed. Care should be taken to keep the whole structure plumb and square while building, and when boarded it will long bold its position.

Now the roof-hoards have been hauled in the houses and are hoisted to loft and passed out on roof which is quickly covered. At the same time the gables are filled in ( $3 \times 5$ are used) and boarded. The gables of a roof are large and should be well secured with braces inside. I have known of gable-ends blowing in during the fall from lack of inside braces. The bottom rafters are cut so that one-half of gutter fits in them, the gutter being of V shape and nailed to each. Then the shingling is ready. They are hoisted and laid out on roof about as used, one man lays them whilst another nails, using a straight-edged board, being the same width as laid to weather-namely, about five inches. Two men can lay and nail 12 M. per day.

Whilst this work has been going on the boarding outside and in has also, and ought to be all completed. A plate on middle walls is spiked on studding between truss-posts being two feet lower. The object of this is to save two feet of inside walls. Braces are also put in about five feet long, $3 \times 5$ of spruce from king posts each way up to purlines. Then car tracks are laid through centre of each for dunnage car to run, also through centre, and a turn-table that the car may be loaded at either end or at gable at the centre, which is also built out and dunnage taken to or from any part of the houses. Sawlust is now hauled, and outside walls are being filled from stagings inside. Oatside braces are put up under every other cross beam, about twenty-five feet apart, bolted through walls at plates
and bracing about four feet at bottom, $6 \times 8$ spruce is used. When the buildings require a brace outside wall can be put up, these braces answering for a part of the wall. Gutter spouts are also put on. It will require about four on each side, six inches square, to carry off the water from so large a roof. The gable ends are sometimes lap-boarded with pine ten inches wide. Then again, refuse spruce is put on and clapboarded. Some paint with colors ; others whitewash the whole structure. The middle walls are not always filled, but about twenty feet up a board is placed across the space and the upper space filled with sawdust. It is claimed that the studding and boarding keep much better by this method. Cupolas are not necessary to ventilate such high roofs whilst the latter look better on line without the hip ; but gable ends, cut and shingled, and slanting about one-half way down add much to the style of the building. Hemlock, when it can be had, is better for studding than spruce.

Having reached this advanced point of our work, the short timber is gathered up and bauled to the engine room tor fuel. The houses inside are then graded up and the floors laid with refuse pine-boards.

It is an excellent idea to grade rooms to centre and put a water course through each. The outside grading is now completed and everything put in order for winter. The great secret in building is to systemize the labor. It is important to have men and carpenters sufficient to carry on the whole work without one set having to wait for another. Men engaged in boarding should never be allowed to come down for stock. The boards should be piled in lengths and men with measuring sticks ready to hoist what is needed. The nails for all 'parts of the building, except for boarding and shingling, if common cut nails are used, should be burnt, by putting them on a light fire until they become red hot and then allowed to cool. Thus treated, they are tough and much better for use. Throughout the whole building square sawed joints and nailed together are much better than mortices and tennons framed. Ice house frames that appear unnecessarily heavy when new show their value when a few years exposed to the weather, and the extra cost in lumber is a good investment. One thousand feet of boards cover about 750 feet of surface, allowing usual wastage. One thousand shingles laid five inches to weather will cover about 100 feet. About four pounds of two-inch nails will nail one thousand. Of course ice houses are built in all kinds of ways. Some have two, three,

four and even six rooms under a single roof. Some roof one way; some another.

The purity of all our rivers and lakes as well as our climate, seem particularly adapted to this industry. The Penobscot river is well located, and the ice is fine, clear and hard, of a silver light color, and is a satisfactory article to all dealers. The Kennebec river has natural facilities far exceeding any in our land. Its convenient location for navigation, the rise and fall of tide, the almost unlimited ice fields, make it what our ice men most need to successfully carry on this industry. The depth of water to Augusta is not, at present, sufficient for what is needed, or what we should have, neither is it what we expect. We have already secured appropriations amounting to $\$ 125,000$ for the Kennebec river, and the chief of engineers has reported in favor of $\$ 335,000$, to give us eleven feet of water to Augusta, and a clear channel to the sea. This appropriation will add much to the value of our river and navigation.

Vessels now require sixteen feet from Gardiner, and twelve or fourteen to Augusta, at high water, to reduce the rate of freight to a minimum of Boston rates. To more clearly present these large ice fields under cultivation, and the acres and acres of uncultivated, as also the natural advantages of the Kennebec to enlarge this business, we have prepared an "Ice map" from Abagadassett Point to Augusta, a distance of twenty-four miles, showing the exact location, storage capacity, and names and residence of each company now operating.

The quality of Kennebec ice, years since established itself as the standard. Its beauties can be seen, "clear and blue as the sky," in thousands of ice wagons in southern cities.

The ice fields the past few years, have caused the ice men much trouble and expense, and yet a slight improvement is noticed. The refuse dunnage, such as shavings and sawdust, has not been stopped by law, altogether, from being dumped in to the river. This, together with driftwood and sunken logs, should be stopped. The Kennebec Log Driving Company should also be required to gather up all sunken logs which are now seen the entire length of the river. These are shoved out from Brown's Island and Hallowell booms. During the summer, the writer counted thirty-five just out of water, below Brown's Island, after this company had sorted their logs, all of which have since sunk to the bottom, filling up the channel and river. As this company prohibits the public from taking these logs from
the water for wood, it seems right that it should be required to take care of its property without damage to the public.

The scraping commences on all our ice fields as soon as sufficient thickness has frozen to bear the men and horses. Scrapers of eight feet in length are used, drawn by horses, requiring two men, the driver and scraper tender. The snow is scraped off as soon as possible and carried to the shore. The surface scraped is usually estimated at one thousand tons to the acre, of ice twelve inches in thickness. When the snow or sap ice bas been planed or scraped off, and the fields become twelve or fuurteen inches in thickness, the ice cutting commences, requiring the services of buadreds of men and borses to harvest in its season. The fields are warkel twentytwo by thirty-two inches, the standard gauge, then plowed with ice plows of improved pattern a depth of eight to ten inches. At each cross of lines, men with calking bars fill up these grooves, to keep the field dry.

Then the canal is opened from the elevator to the field. With saws and bars the field is opened. Large sheets are floated up in the canal to the elevator, at which point it is divided with bars into single blocks and boisted up the elevator, baving an endless chain with cross-bars or logs. The ice runs along on ice runs, and is separated by a switch feeding each ice-house, as the wrokmen are able to handle it. In each room it requires sis men with books, and two with chisel bars to properly place it. It is stored lengthwise of the building, placing the sides of each block together, leaving an open space of about three inches between the ends of blocks. One tier or lajer only is put on at once, then the house runs are relayed and another tier pat on until the bouses are full. The top layer is packed together cluse to keep the dunnage from falling down. Meadow hay is the most economical article used for such, yet shavings from the shingle saws make excellent dunage. The bay should be shaken on lightly as possible, in' early spring, to a depth of about twelve inches and allowed to settle without trathag. Men should avoid walking over its surface turther than ketpug the sides of each room protected. Evaporation takes place more gradual with hay than sawdust, and the wastage shows in favor of the hay. The percentage of wastage in loading depends much on the time and manner of loading. Ice measured at torty-five cubic feet per ton, in the spring, in our permanent houses, loaded before July, usually shows a wastage of five per cent or more. A large building
requiring the entire season, usually averages 10 per cent. Ice in stacks, ranges from 10 to 30 per cent; temporary stacks held as late as August and September, often show 40 and 50 per cent wastage. The condition of buildings, time loading, and care in handling always settle that matter. Shipments usually commence with our regular dealers as soon as the ice has left the river. The new crop is desired by the customers, and the early cargoes are hurried off.

The handling of ice yearly improves. In our early history, seventyfive tons was a good day's work. During the past summer, several of the crews have handled in ten hours, one thousand tons. The ice is taken from the ice house now in a uniform manner of working, with runs, chisels and starting bars. About three layers are removed together, first the top, then the middle, then the bottom. It is carried on ice runs to the vessels mostly by hand, yet many now employ steam power, with a carrying chain to convey it. Ice tongs and ropes were employed previous to 1890 , dropping the ice into holds of vessels. That year Messrs. Shepard and Ballard of the Knickerbocker Ice Company, invented an automatic vessel loading machine which is now in general use. A platform dropping two blocks is employed, making quick work and meeting a long felt want. December 1st, we find empty ice houses in all Maine, and the prospect of a lively harvest the coming winter. The following statistics of Maine harvest for 1891, cannot fail to interest the public. It is impossible to make up this report without dispute, having corfined ourselves to the general average for all. The cost wholly depends upon the condition of the weather. In some cases our figures fall a few cents under, where a large amount is gathered, and over, in smaller quantities. This is owing to the fact that much more economy is practiced at a house of small capacity, than that of large. The ice is secured nearer the house, reducing the cost both in scraping and catting. The general average will show in favor of the large capacity, owing to the smaller outnumbering the larger in Maine. There are also several items of expense connected with the iudustry, which I have not attempted to compute, such as improvement and maintenance. These items are large in cost, amounting to about ten per cent of cost. This may seem to the general reader a large estimate, but from a wide experience $I$ am convinced it is little fnough. It must be remembered for lumber exposed to wet aud dry atmosphere decays rapidly, yet this property, like all others,
can be maintained or left to ruin. The tax is an item I find all ice men protesting against. The taxation of ice property is not disputed by any of our ice companies. I find them all asking for a fair valuation. The town of Richmond has a total storage capacity of 230,000 tons. These houses harvested last year, 194,000 tons. It would seem the Valuation Commission made a basis of one dollar per ton as a valuation. This is above the cost. Our most improved and valuable houses have been erected and filled with ice, below one dollar. The storage capacity is twenty per cent above the shipping capacity. This, added to empty capacity in that town. as about 150,000 tons was actually weighed out, places the ice companies on good grounds for complaint. This valuation further shows the value of these store houses to Maine, placing the industry among the largest. The insurance of ice property is also a large item of expense, safe and reliable companies exacting two per cent annually. During the past year these ice companies have been meeting a new element unknown before. The high prices of 1890 , induced capital to erect large ice plants in all cities south of Boston, for the purpose of manufacturing and retailing ice. These companies have already established their works, and, at this writing, it seems a question of price to the customer, whether or not the business continues in Maine and elsewhere naturally. The business brings much value within our limits, taking nothing from us, hence every effort of our people seems necessary to maintain and enlarge this important industry.

Maine Ice Harvest in 189 r .

MAINE ICE HAR
KENNEBEC


VEST IN 1891.
RIVER.


MAINE ICE HAR
PENOBSCOT

| Companies. | Location. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Katahdin Ice Co. | Bangor | 35,000 | 1 | 1,200 | 125 |
| F. W. Ayer \& Co. | Brewer. | 10,000 | 1 | 1,200 | 125 |
| D. Sargent's Suns:. | Brewer. | 4,000 | 1 | 1,200 | 125 |
| E. \&. I. K. Stetson | Brewer. | 15,000 | 1 | 1200 | 125 |
| American Ice Co.. | Hampden | 43,000 | 1 | 1,200 | 125 |
| C. G. Stern's Lumber Co. | Hampden | 13,000 | 1 | 1,200 | 125 |
| Dirigo Ice Co. | Hampden | 25.000 | , | 1,200 | 125 |
| Orrington Ice Co | Orrington. | 23,00 | 1 | 1,200 | 125 |
| Union Ife Co.... | Orrington. | 5,000 | 1 | 1,200 | 125 |
| New York Ice Co. | Orrington. | 10,001 | 1 | 1,200 | 125 |
| Penobscot Harvest |  | 183,000 |  |  |  |

## COAST AND

| Gryatal River Ice Co. | Belfast. | 15,000 | 1 | 1,000 | 100 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Rockport Ice Co | Rock port | 20,000 | 1 | 1,000 | 125 |
| Medomak Ice Co | Friendship | 8,000 | 1 | 800 | 75 |
| Bristol Ice Co | Bristol ... | 20,000 | 1 | 1,000 | 100 |
| Echo Lake Ice Co. | East Boothbay. | 15,000 | 1 | 1,000 | 100 |
| Maine Ice Co | Haley. | 15,000 | 1 | 1,000 | 100 |
| K nickerbooker Ice Co | North Boothbay | 50,000 | 5 | 1,500 | 300 |
| $J$ Manchester Haynes. | Wiscasset | 20,000 | 1 | 1,000 | 100 |
| Clark \& Chaplin Ice Co. | Portland. | 20,000 | 4 | 1,200 | 175 |
| Coast harvest |  | 183,000 |  |  |  |

## VEST, 1891-Concluded.

## RIVER.



INTERIOR.


## RECAPITULATION.



StÁtegent showing rates of wages etc., patd workmen.

| Position Held. | $\left\|\begin{array}{c} \text { Kate of } \\ \text { wages during } \end{array}\right\|$ winter. | Rate of wages during summer. | Hours employed. |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Summer. | Winter. |
| Superintendent... | \$2.50 | \$2.50 | 10 | 8 or 9 |
| Foreman .... .... | 200 | 2.00 | 10 | 8 or 9 |
| Carpenters. | 2.00 | 2.00 | 10 | 8 or 9 |
| Time keener. | 2.00 | 2.00 | 10 | 8 or 9 |
| Weigher.. | - | 2.00 | 10 | 8 or 9 |
| l eckman. | - | 2.00 | 10 | 8 or 9 |
| Stevedores. | 2.00 | 200 | 10 | 8 or 9 |
| Holdmen | - | 1.75 | 10 | 8 or 9 |
| House packers. | 1.75 | - | $\cdots$ | 8 or 9 |
| House chiselmen | 1.75 | 1.75 | 10 | 8 or 9 |
| House dumpmen | - | 1.75 | 10 | 8 or 9 |
| Dunnagemeñ.... | - | 1.50 | 10 | 8 or 9 |
| Runmen .... | 1.50 | 1.50 | 10 | 8 or ${ }_{4} 9$ |
| Jobbers.. | 1.50 | 1.50 | 10 | 8 or 9 |
| Horses | 1.25 | 1.25 | 10 | 8 or 9 |
| Field foremen | 2.00 | - | - | 8 or 9 |
| Canaluen | 1.50 | - | 10 | 8 or 9 |
| Engineors | 2.50 | 2.50 | 10 | 8 or 9 |

## LOADING CREWS AND WAGES PER HOCR.



## Factories, Mills and Shops Built During the Year ryor.

In response to a letter of inquiry directed to the assessors of every town, city and plantation in the State, answers have been returned by the officers of all but six small towns.

The information asked was as follows: How many and what kinds of factories, mills or shops for manufacturing purposes have been completed or are in process of erection during 1891? Estimated cost of same? Probable number of hands they will employ?

A few towns included important eulargements in their reports.
Fighty-six towns and cities report as follows:

Androscoggin County.

| Towns. | Buildings. | What dono. | Cost. | Help. |
| :---: | :---: | :---: | :---: | :---: |
| Durham. | Corn factory | New | \$ 4.000 | 75 |
| Lewiston | Two cotton mills | Enlarged | 142040 | 65 |
| livermor | Pulp mill | Eniarged | 80,000 . | 60 |
| Tarner | Clothing manafactory | New .. | 500 | 11 |
| Aroostook County. |  |  |  |  |
| Mancroft | Lumber mill | New | 1,500: | 10 |
| Caribou | Planing mill | New | 10,009 | 6 |
| Fort Fairfield | Two starch factories . . . . . . | New |  | 20 |
| Furt Fairfield. | Foundry and machine shop. | Vew | $\} \quad 1,000$ | 20 |
| Orand Isle | Starch factory . . . ....... | New |  | 36 |
| $G$ rand Isle | Three shingle mills | New........ | \} 18,000 |  |
| Houlton. | Foundry and michine shop . | Enlarged .. | 6,000 |  |
| Limestone. | Two moulding machines.... | Added.. .... | 700 |  |
| Madawaska | Choese factory | New | 50 H | 3 |
| Mars IIIll | Lumber mill | New | 5,000 | 15 |
| New Limerick | starch factory. | New | 2,500 | 10 |
| Van Buren | Grist milt. | New | 500 |  |
| Woodland | Starch factory. | New | 10,000 | 10 |
| Merrill PI. | Lumber mill | New | 3,500 |  |
| New Sweden | Lumber mill | New | 2,500 | 15 |
| Reed Pl. | Lumbur mill | New | 1,300 |  |
| St John PI | Two lumber mills | New | 3,000. | 30 |
| Winterville PI. | Lumber mill | New | 1,000. |  |
| Cumberland Countr. |  |  |  |  |
| lirunswick | Cotton mill | Enlarged | 60,000 |  |
| Freeport .. | Shoe factury | New | 25,600 | 200 |
| Wextbrook | Paper mill | leased | 10,000 | 25 |
| Windham | Woolen mill | New | 50.0100 | 30 |
| Wiadham | Wood buard mill | Ealarged . . | 25,000 |  |
| Franklin Countr. |  |  |  |  |
| Jay. | Paper mill... | New ........ | 40,000 | 20 |
| Madrid | Twu lumbar mills.. | New | 20.000 | 100 |
| Hancocr County. |  |  |  |  |
| Elysworth . ..., ...... | Shoe fartory | New | 12,00\% | $60$ |

Kennebec County.


## Somerset County.

| Towns. | Buildings. | What done. | Cost. | Help. |
| :---: | :---: | :---: | :---: | :---: |
| Anson | Lnuber mill | New | \$5,000 | 6 |
| A nieon | Carriage shop | New | 1,400 | 10 |
| Bingham | Last bluck mill | New | 5,000 | 15 |
| Detroit | Carriage shop | New. | 700 | 4 |
| Hartland | Woolen mill | Enlarged | 10,000 | 35 |
| Madison ........... .. | Pulp mill | New.. | 1,006,000 | 200 |
| Flagstaff .............. | Lumber mill . . . . . . . . . . . | New. | 1,500 | 4 |
| Waldu County. <br> Belfast | Foundry and machine shop | New | 6,000 | 8 |
| Brooks | Clothing tactory | New | 2.000 | 40 |
| Isleboro' | Two lime kilns | New | 4,000 | 8 |
| Searsport | Spool mill . | New | 3,010 | 15 |
| Unity. | Cluthing factory........... | New | 2,000 | 15 |
| Washington County. Fastport ............... | Sardine factory ............ | New | 4.000 | 60 |
| Lubec.. | Tbree sardine factories.... | New | 4,510) | 180 |
| Lubec | Lumber and grist mill ..... | New | 1,000 | 2 |
| York County. <br> Burton | Two lumber mills | New |  |  |
| Buxton | Woolen mill . | New | 7,000 | 30 |
| Cornieh | Clothing factory . . . . . . . . . | New | 7,500 | 100 |
| Hollis | Corn factory | New | 2,000 |  |
| Hollis | Pulp mill .. | New ... .... |  |  |
| Kennebunk | Creamery | New. | 2,500 | 3 |
| Old Orchard | Lumber mill | New | 7.000 | 30 |
| Sanford | Woolen mill | New | 20,000 | 100 |

Recapittlation.

| Counties. | Total values | Hands employed. |
| :---: | :---: | :---: |
| Androscoggin. | \$226,500 | 211 |
| A roostook.. | 77,200 | 184 |
| Cumberland | 170,000 | 275 |
| Franklin | 60.000 | 120 |
| Hancock | 12,000 | 60 |
| Kennebec | 208,550 | 121 |
| Knox.. | 31,500 | 713 |
| Lincoln | 29,600 | 138 |
| Oxford | 49,200 | 535 |
| Penobscot | 1,001,300 | 911 |
| Piscataquis. | 62.300 | 125 |
| Somerset. | 1,023,200 | 274 |
| Waldo | 17,600 | 86 |
| Washington | 9,500 | 242 |
| York .... | 46,000 | 283 |
|  | \$3,023,850 | 4,278 |

A large sum of money has been expended during the year 1891, in the development of the water power at Rumford Falls. A substantial dam has been built, and a canal nearly a quarter of a mile in length almost completed. Leases of water power have been made and the early erection of numerous large mills and factories is assured.

APPENDIX.

## The Australian

OR

## SECRET BALLOT LAW,

TO WHICH ARE APPENDED

Certain Suggestions, Recommendations and Forms,

PREPARED RY THE

SECRETARY OF STATE

FOR USE AND INSTRUCTION OF

Municipal Officers, Election Clerks and Clerks of Cities, Towns and Plantations.

## CHAPTER 102—PUBLIC LAWS OF 1891.

> An Act to provide for Printing and Distributing Ballots at the public expense and to regulate Voting for State and City Elections.

Sect. 1. All ballots cast in elections for national, state, district and county officers in cities, towns and plantations after the first day of September in the year eighteen hundred and ninety-two, and all ballots cast in municipal elections in citfes after that date, shall be printed and distributed at public expense as hereinafter provided. The printing of the ballots and cards of instructions to voters shall in municipal elections in cities be paid for by the several cities respectively, and in all other elections the printing of the ballots and cards of instruction, and the delivery of them to the several cities and towns, shall be paid for by the state. The distribution of the ballots to the voters shall be paid for by the cities, towns and plantations respectively.

The term "state election," as used in this act, shall apply to any election held for the choice of a national, state, district or county officer, whether for a full term or for the filling of a vacancy, and the term "state officer" shall apply to any person to be chosen by the qualified voters at such an election. The term "city election' shall apply to any municipal election so held in a city, and the term "city officer" shall apply to any person to be chosen by the qualified voters at such an election.

Sect. 2. Any convention of delegates, and any caucus or meeting of qualified voters, as hereinafter defined, and individual voters to the number and in the manner hereinafter specified, may nominate candidates for public office, whose names shall be placed upon the ballots to be furnished as herein provided.

Sect. 3. Any convention of delegates representing a political party which, at the gubernatorial election next preceding, polled at least one per cent of the entire vote cast in the state for governor,
or in the electoral district or division thereof for which the nomination is made, and any caucus held by such a political party in any such electoral district or division, may for the state, or for the district or division for which the convention or caucus is held, as the case may be, by causing a certificate of nomination to be duly filed, make one such nomination for each office therein to be filled at the election. Every such certificate of nomination shall state such facts as may be required as above for its acceptance, and as are required in section five of this act ; shall be signed by the presiding officer or by the secretary of the convention or caucus, and shall be sworn by the party signing to be true, and a certificate of the oath shall be annexed to or made on the certificate of nomination.

Sect. 4. Nominations of candidates for any offices to be filled by the voters of the state at large may be made by nomination papers signed in the aggregate for each candidate by not less than one thousand qualified voters of the state. Nominations of candidates for electoral districts or divisions of the state, or for municipal or ward officers, may be made by nnmination papers signed in the aggregate for each candidate by qualified voters of such district or division not less in number than one for every one hundred persons who voted at the next preceding!gubernatorial election in such district or division, but in no case less than twenty-five. In the case of a first election to be held in a plantation, town or ward newly established, the number of twenty-five shall be sufficient for the nomination of a candidate who is"to be voted for only in such plantation, town or ward ; and in the case of a first election in a district or division newly established, other than a plantation, town or ward, the number of twenty-five shall be sufficient. Each voter signing a nomination paper shall make his signature in person, and add to it his place of residence, and each voter may subscribe to one nomination for each office to be filled, and no more. The nomination papers shall before being filed be respectively submitted to the clerks of the cities, towns or plantations in which the signers purport to be qualified voters, and each clerk to whom the same is submitted shall forthwith certify thereon what number of the signatures are names of qualified voters both in the city, town or plantation for which he is a clerk and in the district or division for which the nomination is made ; one of the signers to each such separate paper shall swear to the truth thereof, and the certificate of such oath shall be annexed to or made upon the nomination papers.

Sect. 5. All certificates of nomination and nomination papers shall, besides containing the names of candidates, specify as to each, first, the office for which he is nominated; second, the party or political principle which he represents, expressed in not more than three words ; third, his place of residence. In the case of electors of president and vice-president of the United States, the names of the candidates for president and vice-president may be added to the party or political appellation.

Sect. 6. Certificates of nomination and nomination papers for the nomination of candidates for state or county offices, representatives to the legislature shall be filed with the Secretary of State at least twenty days, exclusive of Sundays, previous to the day of the election for which the candidates are nominated. Such certificates and papers for the nomination of candidates for the offices of mayor and all other offices in cities shall be filed with the city clerks of the respective cities at least seven days, exclusive of Sundays, previous to the day of such election. With nomination papers shall also be filed the consent in writing of the person nominated.

Sect 7. The certificates of nomination and nomination papers being filed, and being in apparent conformity with the provisions of this act, sball be deemed to be valid; and if not in apparent conformity, they may be seasonably amended under oath.

Sect. 8. In case a candidate who has been duly nominated under the provisions of this act, shall die before the day of election, or shall withdraw in writing, the vacancy may be supplied by the political party or other persons making the original nomination, in the manner herein provided for such nomination; or, if the time is insufficient therefor, then the vacancy may be supplied, if the nomination was made by a convention or caucus, in such manner as the convention or caucus has previously provided for the purpose, or in case of no such previous provision, then by a regularly elected general or executive committee, representing the political party or persons holding such convention or caucus. The certificates of nomination made for supplying such vacancy shall state, in addition to the other facts required by this act the name of the original nominee, the facts causing the vacancy, and the measures taken in accordance with the above requirements for filling the vacancy; sail certificate shall be accompanied by the withdrawal, if any, and shall be signed and sworn to by the presiding officer or secretary of the convention or caucus, or by the chairman or secretary of the duly
authorized committee, as the case may be. The name so supplied for the vacancy shall, if the ballots have not been printed for the office already, be placed on the ballots, instead of the original nomination ; or, if the ballots have been printed, new ballots containing the new nomination shall, whenever practicable, be furnished.
Sect. 9. All certificates of nomination and nomination papers, when filed, shall forthwith be opened and kept open under proper regulations to public inspection, and the Secretary of State and the several city clerks shall preserve the same in their respective offices not less than one year.
Sect. 10. Every general ballot or ballot intended for the use of all voters, which shall be printed in accordance with the provisions of this act, shall contain the names and residences of all candidates whose nominations for any office specified in the ballot have been duly made and not withdrawn in accordance herewith, and the office for which they have been severally nominated and shall contain no other names except that in the case of electors of president and vice president of the United States the names of the candidates for president and vice president may be added to the ;party or political designation. The names of candidates nominated by any party shall be grouped together upon the ballot, and each group shall be headed joy the name of the party by which the candidates comprising such group were placed in nomination, or by the political designation as described in the certificate of nomination, or nomination papers. If only one person be nominated by any party or under any political designation, his name with the office for which be is a candidate shall be printed by itself under the name of such party or political designation. A blank space shall be left after the names of the candidates for each different office in which the voter may insert the name of any person, not printed on the ballot, for whom he desires to vote as candidate for such office. Whenever the approval of a constitutional amendment or other question ia submitted to the vote of the people, such questions shall be printed upon the ballot after the list of candidates.

The ballots shall be so printed as to leave a blank space at the right of the name of the party or political designation, and also at the right of the name of each candidate, so as to give to each voter a clear opportunity to designate by a cross mark [X] therein, his choice of candidates, and his answers to the questions submitted, and on the ballot may be printed such words as will aid the voter to do this as "yes," "no," and the like.

The ballot shall be not less than four inches in width and not less than six inches in length. Before distribution the ballots shall be so folded in marked creases that their width and length when folded shall be uniform. On the back and outside, when folded, shall be printed "Official Ballot for," followed by the designation of the polling place for which the ballot is prepared, the date of the election and a fac-simile of the signature of the Secretary of State or city clerk who has caused the ballot to be printed. Except as otherwise herein provided, ballots shall be printed in accordance with the existing provisions of law.

Sect. 11. All ballots when printed sball be folded as hereinbefore provided, and fastened together in convenient numbers in books or blocks, in such manner that each ballot may be detached and removed separately. A record of the number of ballots printed and furnished to each polling place shall be kept and preserved by the Secretary of State and the several city clerks for the term of one year.

Sect. 12. There shall be provided for each voting place, at which an election is to be held, two sets of such general ballots; each of not less than 75 for every 50 and fraction of 50 voters therein, and it shall be the duty of the clerks in each city, town or plantation in which an election for state or county officers is to be held to certify to the Secretary of State fourteen days previous to any such election the number of qualified voters in each city, town or plantation.

Sect. 13. The Secretary of State, in case of a state election, and the several city clerks, in case of city elections, shall prepare full instructions for the guidance of voters at such elections, as to obtaining ballots, as to the manner of marking them, and the method of gaining assistance, and as to obtaining new ballots in place of those accidentally spoiled, and they shall respectively cause the same, together with copies of sections twenty-nine, thirty, thirty-one and thirty-two of this act to be printed in large, clear type, on separate cards, to be called cards of instructions; and they shall respectively furnish the same and the ballots for use in each such election. They shall also cause to be printed on tinted paper, and without the fac-simile endorsements, ten or more copies of the form of the ballot provided for each voting place at each election therein, which shall be called specimen ballots, and shall be furnished with the other ballots provided for each such voting place.

Sect. 14. The Secretary of State shall, seven days at least previous to the day of any election of state or county officers, trans-
mit to the clerks in each city, town and plantation in which such election is to be held, printed lists containing the names, residences, and party or politieal appellations of all candidates nominated as herein provided for such election, and to be voted for at each polling place in each such city, town and plantation respectively, substantially in the form of the general ballot to be so used therein ; and the clerks shallimmediately cause the lists for each plantation, town or ward, as the case may be, to be conspicuously posted in one or more public places in such plantation, town or ward. The Secretary of State shall likewise cause to be published prior to the day of any such election, in at least two newspapers, if there be so many, printed in each county, representing, so far as practicable, the political parties which, at the preceding election, cast the largest and next largest number of votes, a list of all the nominations made as herein provided, and to be voted for in such county, so far as may be, in the form in which they shall appear upon the general ballots. New nominations made or authorized shall be transmitted, posted and published promptly, and so far as practicable in the manner herein directed and communications transmitted as herein directed by the Secretary of State to any clerk shall be duplicated on the succeeding day.

Sect. 15. The city clerk of each city shall four days at least prior to the day of any city election therein, cause to be conspicuously posted in one or more public places in each ward of such city a printed list containing the names, residences, and party or political appellations of all candidates nominated, as herein provided, and to be voted for in such ward, substantially in the form of the general ballot to be so used therein; and he shall likewise cause to be published, prior to the day of such election, in at least two newspapers, if there be so many, printed in such city, representing the political parties which cast at the preceding election the largest and next largest number of votes, a list of all the nominations made, as herein provided, and to be voted for in such city, so far as may be, in the form in which they shall appear upon the general ballots.

Sect. 16. The Secretary of State shall send, separately and at different times or by different methods, the two sets of general and special ballots, together with the specimen ballots, and cards of instruction printed by him, as herein provided, to the several city, town and plantation clerks, so as to be received by them, one set seventy-two hours at least, previous to the day of election, and the
other set forty-eight hours at least previous thereto. The same shall be sent in sealed packages, with marks on the outside clearly designating the polling place for which they are intended, and the number of ballots of each kind inclosed; and the respective city, town and plantation clerks shall on delivery to them of such packages return receipts therefor to the secretary. The secretary shall keep a record of the time when, and the manner in which the several packages are sent, and shall preserve for the period of one year the receipts of the city, town and plantation clerks.

Sect. 17. The two sets of ballots together with the specimen ballots and cards of instruction printed by the city clerks, as herein provided, shall be packed by them in separate sealed packages, with marks on the outside clearly designating the polling places for which they are intended, and the number of ballots of each kind inclosed.

Sect. 18. The several city, town and plantation clerks, or municipal officers, shall send to the election officers of each voting place, before the opening of the polls on the day of election one set of ballots so prepared, sealed and marked for such voting place, and a receipt of such delivery shall be returned to them from the presiding election officer present, which receipt, with a record of the number of ballots sent, shall be kept in the clerk's office for one year. At the opening of the polls in each polling place the seals of the packages shall be publicly broken, and the packages shall be opened by the presiding election officer, and the books or blocks of ballots shall be delivered to the ballot officers hereinafter provided for. The cards of instruction shall be immediately posted at or in each voting shelf or compartment provided in accordance with this act for the marking of the ballots, and not less than three such cards and not less than five specimen ballots shall be immediately posted in or about the polling rooms, outside of the guard rails. The second set of ballots shall be retained by the respective clerks until they are called for or needed for the purposes of voting, and, upon the requisition in writing of the presiding election officer of any voting place, the second set of ballots shall be furnished to such voting place in the manner above provided as to the first set.

Sect. 19. In case the ballots to be furnished to any city, town or plantation or voting place therein, in accordance with the provisions of this act, shall fail for any reason to be duly delivered, or in case after delivery they shall be destroyed, lost or stolen, it shall
be the duty of the clerk or municipal officers of such city, town or plantation to cause other ballots to be prepared substantially in the form of the ballots so wanting and to be furnished ; and upon receipt of such other ballots from him or them, accompanied by a statement under oath that the same have been so prepared and furnished by him, and that the original ballots have so failed to be received or have been so destroyed, lost or stolen, the election officers shall cause the ballots so substituted to be used in lieu of the ballots wanting as above.

Sect. 20. The municipal officers, sixty days before any election, may divide towns of more than four thousand inhabitants and wards of cities into convenient polling districts, which shall contain not less than three hundred voters in each, defining the limits thereof by a writing under their hands to be filed with and recorded by the city or town clerks; and attested copies thereof shall forthwith be posted by said clerks in not less than six public and conspicuous places in said town or ward, and the same shall be published in one or more of the newspapers, if any, printed in said city or town, thirty days at least before such election. They shall also ten days before any such election, appoint a warden and ward clerk for each polling place other than the one in which the warden duly elected for such ward shall preside, who shall perform the same duties at elec. tions as presiding officers and clerks of towns and wards now perform. Any vacancy occurring after appointment may be filled by the voters of said polling district as similar vacancies are now filled. All such officers shall be sworn. The board of registration of voters for any city in which a ward has been so divided, and the municipal officers of any town which has been so divided, shall in the manner now provided for by law, prepare check lists of the qualified voters for each of said polling districts, in lieu of the check lists now provided by law for the entire town or ward, to be used as hereinafter provided, and all provisions of law applicable to check lists for towns and wards shall apply to check lists for such polling districts.

Sect. 21. The municipal officers of cities, towns and plantations voting in accordance with the provisions of this act, shall biennially in the month of May appoint clerks for each polling place. For each polling place in cities and towns of more than one thousand inhabitants four clerks, and for each polling place in plantations, and for each island ward of the city of Portland and for the island district of the town of Cumberland and for every town of less than

1,000 inhabitants two clerks shall be appointed. Said clerks shall equally represent each of the political parties which cast the largest number of votes in the state election next preceding their appointment. Each of said officers shall be sworn to the faithful performance of his duties, and shall hold office for two years from the date of his appointment, and until a successor is appointed and qualified, or he is removed. Such election officers shall attend at the times and places designated for meetings in their respective wards, towns or plantations for the election of any national, state, county or ward officers, and for the determination of any question submitted to the qualified voters of any city by lawful authority, and shall receive such reasonable compensation for each day's actual service as the municipal officers of their respective cities, towns and plantations may determine. No person shall be eligible to the position of election officer in any ward, town or plantation where he is a candidate to be voted for.

Two of the clerks in each polling place, one from each political party, shall be detailed by the municipal officers to act as ballot clerks. The two ballot clerks thus detailed and appointed in each polling place shall have the charge of the ballots therein, and shall furnish them to the voters in the manner hereinafter set forth.

A duplicate list of the qualified voters in each ward, town or plantation shall be prepared for the use of the ballot clerks, and all the provisions of law relative to the preparation, furnishing and preservation of check lists shall apply to such duplicate lists.

Sect. 22. The municipal officers in each city, town or plantation, as aforesaid, shall cause the polling places therein to be suitably provided with a sufficient number of voting shelves or compartments, at or in which voters may conveniently mark their ballots, so that in the marking thereof they may be screened from the observation of others, and a guard rail shall be so constructed and placed that only such persons as are inside said rail can approach within six feet of the ballot boxes, and of such voting shelves or compartments. The arrangement shall be such that neither the ballot boxes nor the voting shelves or compartments shall be hidden from view of those just outside the said guard rail. The number of such voting shelves or compartments shall not be less than one for every 100 voters qualified to vote at such polling place, and not less than three in any town, and not less than five in any ward o a city. No persons other than the election officers and voters admitted as hereinafter
provided, shall be permitted within said rail, except by authority of the election officers for the purpose of keeping order and enforcing the law. Each voting shelf or compartment shall be kept provided with proper supplies and conveniences for marking the ballots.

Sect. 23. Any person desiring to vote shall give his name, and, if requested so to do, his residence, to one of the ballot clerks, who shall thereupon announce the same in a loud and distinct tone of voice, clear and audible, and if such name is found upon the checklist by the ballot officer having charge thereof, be shall likewise repeat the said name, and the voter shall be allowed to enter the space inclosed by the guard-rail, as above provided. The ballot clerk shall give him one, and only one ballot, and his name shall be immediately checked on said list.

Besides the election officers, not more than two voters in excess of the number of voting shelves or compartments provided, shall be allowed in said inclosed space at one time.

Sect. 24. On receipt of his ballot the voter shall forthwith, and without leaving the enclosed space, retire alone to one of the voting shelves or compartments so provided and shall prepare his ballot by marking in the appropriate margin or place, a cross [X] as follows: He may place such mark opposite the name of a party or political designation, in which case he shall be deemed to have voted for all of the persons named in the group under such party or designation; or he may*place such mark opposite the names of the individual candidates of his choice for each office to be filled, or he may fill in the name of the candidate of his choice in the blank space provided therefor and place the mark opposite as aforesaid, in which cases he shall be deemed to have voted only for the individual candidates opposite whose names he has placed such mark. In case of a question submitted to the vote of the people he shall place such mark in the appropriate margin against the answer which he desires to give. Before leaving the voting shelf or compartment the voter shall fold his ballot without displaying the marks thereon, in the same way it was folded when received by him, and he shall keep the same so folded until he has voted. He shall vote in the manner now provided by law before leaving the inclosed space, and shall deposit his ballot in the box with the official indorsement uppermost. He shall mark and deposit his ballot without undue delay and shall quit said inclosed space as soon as, he has voted. No such voter shall ke allowed to occupy a voting shelf or compartment already occupied
by another, nor to remain within said inclosed space more than ten minutes, nor to occupy a voting shelf or compartment for more than five minutes in case all of such shelves or compartments are in use, and other voters are waiting to occupy the same, No voter not an election officer whose name has been checked on the list of the ballot officers, shall be allowed to re-enter said inclosed space during said election. It shall be the duty of the presiding election officer for the time being to secure the observance of the provisions of this section.

Sect. 25. No person shall take or remove any ballot from the polling place before the close of the polls. If any voter spoils a ballot he may successively obtain others, one at a time, not exceeding three in all, upon returning each spoiled one. The ballots thus returned shall be immediately canceled, and together with those not distributed to the voters, shall be preserved, and with the check lists used, which shall be certified by the ballot clerks, to be such, shall be secured, sealed, and sent to the several city, town and plantation clerks.

Sect. 26. Any voter who declares to the presiding election officer that he cannot read his ballot, or that by blindness or other physical disability he is unable to mark bis ballot, shall, upon request, receive the assistance of one or two of the election officers in the marking thereof, such officer to be selected by the voter, and such officer or officers shall certify on the outside thereof that it was so marked with his or their assistance, and shall thereafter give no information regarding the same. The presiding officer may, in his discretion, require such declaration of disability to be made by the voter under oath before him, and he is hereby qualified to administer the same.

Sect. 27. If a voter marks more names for any one office than there are persons to be elected to such office, or if for any reason it is impossible to determine the voter's choice for an office to be filled, his ballot shall not be counted for such office. No ballot without the official indorsement shall, except as herein otherwise provided, be allowed to be deposited in the ballot box, and none but ballots provided in accordance with the provisions of this act shali be counted. Ballots not counted shall be marked defective on the back thereof, and shall be preserved, as required by section twenty-five.

Sect. 28. Meetings for the election of national, state, county and municipal officers may be opened us early as eight o'clock in
the forenoon, and in no case shall the polls be kept open later than five o'clock in the afternoon, and notice of the time of opening and closing shall be given in the warrant calling the meeting.

Sect. 29. A voter who shall, except as herein otherwise provided, allow his ballot to be seen by any person with an apparent intention of letting it be known how he is about to vote, or who shall make a false statement as to his inability to mark his ballot, or any person who shall interfere, or attempt to interfere with any voter when inside said inclosed space, or when marking his ballot, or who shall endeavor to induce any voter before voting to show how he marks or has marked his ballot, shall be punished by fine of not less than five dollars, nor more than one hundred dollars; and election officers shall report any person so doing to a police officer or constable, whose duty it shall be to see that the offeuder is duly brought before the proper court.

Sect. 30. Any person who shall, prior to an election, willfully deface or destroy any list of candidates posted in accordance with the provisions of this act, or who, during an election, shall willfully deface, tear down, remove or destroy any card of instruction or specimen ballot printed or posted for the instruction of voters, or who shall, during an election, willfully remove or destroy any of the supplies or conveniences furnished to enable a voter to prepare his ballot, or shall willfully hinder the voting of others, shall be punished by fine of not less than five dollars nor more than one hundred dollars

Sect. 31. Any person who shall falsely make or willfully deface or destroy any certificate of nomination or nomination paper, or any part thereof or any letter of withdrawal ; or file any certificate of nomination or nomination paper, or letter of withdrawal, knowing the same or any part thereof to be falsely made; or suppress any certificate of nomination or nomination paper, or any part thereof which has been duly filed: or forge or falsely make the official indorsement on any ballot; or willtully destroy or deface any ballot, or willfully delay the delivery of any ballots or shall take or remove any ballot outside of the inclosure provided for voting before the close of the polls, shall be punished by fine not exceeding one thousand dollars or by imprisonment in the jail not more than one year, or by both such fine and imprisonment.

Sect. 32. Any public officer upon whom a duty is imposed by this act, who shall willfully neglect to perform such duty, or who
shall willfully perform it in such a way as to hinder the objects of this act, shall be punished by a fine of not less than five, nor more than one thousand dollars, or by imprisonment in jail for not more than one year, or by both such fine and imprisonment.
[Approved March 25, 1891.]

## Secretary of State's Office. Augusta, Maine. atty

The following suggestions, recommendations, and accompanying forms, are respectfully presented, with the hoje that the same to some extent, may prove helpful, in carrying into effect the provisions of the foregoing law, especially at the coming September election, when it is to he used for the first time. By the courtesy of Hon. W. M. Olin, Secretary of the Commonwealth of Massachusetts, and Dep. Secretary Geo. G. Spear, the system and forms in use in that Commonwealth, under a similar law, have been carefully examined and studied; and the matter contained in the following pages has been prepared by the valuable aid thus afforded, with such alterations to adapt the same to use in this State, as are made necessary by the difference of details, between the Massachusetts statutes and our own.

Sect. 1. This law applies to the cities, towns aad plantations, at the annual State elections and at national elections. It applies also to all municipal elections in cities after September 1, 1892; but does not apply to municipal elections in towns and plantations at their annual town meetings.

## DUTIES OF CONVENTION OFFICERS.

Sect. 6. The law assigns to the officers of nominating conventions, certain very important duties, upon the"discharge of which is made to depend the printing of candidates' names upon the general ballot. All such officers, when chosent in convention, must see to it that the proper certificates of nomination and acceptances of candidates, are seasonably filed with the Secretary of State.

These certificates must be sworn to by the Chairman or Secretary of the convention, and must be filed twenty days, exclusive of Sundays, before the day of election. or by August 19, 1892.

To provide against accidents, delays, or negligences of senders, and to ensure necessary time for printing the ballot, it would materially aid in putting the law into successful operation, if all nominating conventions should be called and held sufficiently early, to admit of filing these certificates thirty or more days before the day of election.

Certificates cannot be received in any case later than August 19, 1892.

## NOMINATION CERTIFICATES.

Sects. 3 and 5. The following form is believed to conform to the requirements of the statute, is recommended, and will be furnished by the Secretary of State to all county and district committees, on request:

One per cent.
[To be used for each and every Candidate Nominated.]
STATE OF MAINE.

To the Secretary of State, Augusta, Maine.
At a Convention of the party, of the [District or County.]
which party in said [District or County]
in 1890, polled in said at least one per cent of the entire vote cast for Governor in said holden at [District or County]
in County, on the day of of was nominated as a candidate for the office of
ss.
$\left\{\begin{array}{c}\text { *Chairman } \\ \text { or Secretary. }\end{array}\right.$
1892.

Personally appeared the above named
(*Cbairman or Secretary), and made oath to the truth of the fore-going.-Before me,

Justice of the Peace.
*Erase title of officer not signing.
1892.

Having been nominated by a convention of of as a candidate for the office of , [District or County.] I accept the same.

Sect. 3. It must be remembered that nominating conventions can be beld only by parties, which at the next preceding election (September, 1890) cast one per cent of the entire vote cast at such election, in the district or county, for which such convention is to be held.

## NOMINATION PAPERS.

Sect. 4. In certain cases candidates may be duly nominated, by papers signed by individual voters: these nomination papers, with the written acceptance of the candidate, to be filed the same as required in case of the convention certificate before referred to.

The following form will be furnished upon application to the Secretary of State :

Form D.
[To be used for nominations made by signatures ]
STATE OF MAINE.
To the Secretary of State, Augusta, Maine:
The undersigned, qualified voters of the
[State, District. Cuunty]
in accordance with the provisions of law relating thereto, make the following nominations, to wit:

Office to be filled :
Name of candidate :
Party or political principle represented :
Residence :
[Print or write above very plainly]
We certify that we have not subscribed to any other nomination of candidates for this office.

| Signatures. <br> [To be made in person.] | ResidevCes. <br> [Street and number, if any.] |
| :---: | :---: |
|  |  |

## STATE OF MAINE.

ss.
1892.

Then personally appeared one of the signers to the above nomination papers, and made oath that the statements therein contained are true. Before me,

Justice of the Peace.
[Each clerk to use diffurent check mark.]
STATE OF MAINE.
1892.

I hereby certify that
which I have marked,
of the within signatures, [Some kind of oheck mark] voters within the for which the within nomina[State, District, County] tion is made.

## VACANCIES.

Sect. 8. Vacancies in nominations are to be filled as provided in section eight, to which the attention of all convention officers is especially invited.

As relates to nominations made in conventions, it may be a wise measure for every nominating convention to elect a committee, whose duty it shall be to fill any and all vacancies occurring after such convention finally adjourns, and before the day of election; and whose further duty it shall be, to file with the Secretary of State, the certificate called for by this section, which certificate by whomsoever filed, should substantially conform to the following :

Form B.
[To be used for each and every vacancy filled by Committee.]
STATE OF MAINE.
To the Secretary of State, Augusta, Maine.
Whereas: At a Convention of the
[Distriet or County.]
party, which party in said at the Gubernatorial [District or County.]
election in 1890, polled in said [District or County] at least one per [District or County]
cent of the entire vote cast for Governor in said
[District or County]
holden at
in
day of 1892,
nominated as a candidate for the office of
County, on the of was and
since said Convention adjourned, said has *died, withdrawn, resigned, and therefore a vacancy exists.

And Whereas: At said Convention a committee consisting of was duly authorized by vote of said Convention to fill all vacancies arising in the ticket then and there nominated. Now, therefore, we, the said committee have nominated as a candidate for the office of to fill said vacancy,
of
\} Committee.
*Erase words not used.
ss.
1892.

Personally appeared the above named and made oath to the truth of the foregoing.-Before me,

> Justice of the Peace.
1892.

I, the original nominee above named, have withdrawn from above nomination.
1892.

I, having been nominated to fill a vacancy as above set forth, hereby accept said nomination.

In all cases where a second nominating convention is held, the following form of certificate should be used :

Form C.
[To be used in case of nominations made by a second convention.]
STATE OF MAINE.
To the Secretary of State, Augusta, Maine:
At a convention of the party
of the which party in said
[District or County.]
at the Gubernatorial election in 1890 , polled in said
[District or County.]
at least one per cent of the total vote cast for Governor in said holden at
on the day of
[District or County]
was nominated as a candidate for the office of
Since the date of said Convention, to wit, on the day of
said
*died. †resigned. withdrawn from said nomination.
At a second Convention of said party, within said
[District or County.]
of has been nomi-
nated a candidate for the office of to fill the vacancy so created.
$\} \begin{gathered}\text { * Chairman } \\ \text { or Secretary. }\end{gathered}$

* Erase words not used. †If resigned or withdrawn, written notice mustaccompany this
ss.

1892. 

Personally appeared the above named
[*Chairman or Secretary], and made oath to the truth of the foregoing. Before me,

Justice of the Peace.
*Erase title of officer not signing.
1892.

Having been nominated by a convention of
of as a candidate for the office of [District or County]
to fill vacancy as above stated, I accept the same.
1892.

I,
above named original or first nominee, hereby withdraw from said nomination.

Blank forms like all of the above, will be furnished to all convention officers or convention committees on request after April 1, 1992.

## RECEIPT'S FOR BALLO'TS.

Sect. 16. Ballots will be printed, and sent by the Secretary of State, to city, town and plantation clerks, direct, in two sets. One set in time to be received by such clerks seventy-two hours, at least, and the second set forty-eight hours, at least, before the day of election.

With each set or lot, will be sent a receipt substantially like the following, which receipt must be signed by the clerk receiving the ballots, and returned to the Secretary of State:

## Received of NICHOLAS FESSENDEN,

Secretary of State,
One package. Said to contain............... Specimen Ballots;
General Ballots ; and Cards of Instruction, for use
in said town.
Town Clerk.
To be returned immediately to
Secretary of State.

Eect. 18. The city, town or plantation clerk, having received and receipted to the Secretary of State for these ballots, will handle and dispose of them on the day of election as provided in section 18. To this section, the attention of all municipal officers, clerks and ballot clerks is especially called. You will notice that but one set at a time, is to be delivered to the election officers; and receipts, which may be similar to above, must be given by the election officers to such city, town or plantation clerk.

You will also cotice that the packages of ballots must be delivered to the election officers, with unbroken seals-the seals therein to be publicly broken by the election officers (who shall have received and receipted for such packages,) at the opening of the polls, and not sooner.

## NUMBER OF BALLOTS.

Sect. 12. The number of ballots so printed and furnished will be at the rate of 75 for each 50 voters or fraction of 50 voters.

All city, town and plantation clerks must notify the Secretary of State fourteen days before election, and should do so, if possible, thirty days before election, of the number of voters in their city, town or plantation-say by August 10th.

## BALLOTS.

Sect. 10. The ballots will be substantally like the following form, each ballot having upon its back the official endorsement of the Secretary of State :

Specimen Ballot.-Unmarked.

| REPUBLICAN. | DEMOJRAT. | Nat. Prohlbitory. |
| :---: | :---: | :---: |
| For Governor, <br> John Doe of Purtland. | For Governor, Richard Roe of Bath. | For Governor, <br> Francis Loe of Bangor. |
| For Rop. to Congress, Jaines Leen of Alna. | For Rep to Congress, Robert Meen of Troy. | For Rop to Congress, Joseph Deen of Saco. |
| For Senators, <br> John Rone of Etna. | For Senators, Samuel Done of Anson. | For Senators, <br> Thomas Fone of Benton. |
| For Clerk of Courts, Albert Cane of Rome. | For Clerk of Courts. <br> Frederick Bane of Wells. | For Clerk of Courts. Milton Jane of Cooper. |
| For Sheriff, <br> William Briggs. | For Sheriff, <br> Moses Riggs. | For Sheriff, Harrison Diggs. |
| For County Attorney, Henry Willows. | For County Attorney, Nathaniel Bellows. | For County Attorney. Abrahan Fellows. |
| For Judge of Probate, Peter Henley. | For Jurlge of Probate. Franklin Penley. | For Judge of Probate, George J. Denley. |
| For Rep to Legislature, Hubert Smith, Jr. | For Rep. to Legislature, John A. Smith. | For Rtp. to Lifgislature, Tames D. Smith. |

To vote on the following, mark a $X$ in the square at the right of YES or NO as the case may be.
RESOLVE PROVIDING FOR AN EDUCATIONAL QUALIFICATION
FOR VOTERS.
YES
Shall the Constitution be so amended, so as to change the qualification
of voters as proposed in said resolve. NO.

Note.-It will be understood, of course, that there may be other groups in parallel columns. Also that in different counties may be difforent offices than above to vote for. And that the residence of each candidate will follow his name in all cases.


SCENE AT POLLING Place.


PLAN FOR END OF ROOM—SIZE 20x24.



## BALLOT BOXES.

The size of the ballot to be used at the September election will necessitate the use of ballot boxes at least ten by eighteen inches in dimension and perhaps boxes of still larger size may be advantageous.

## LOSS OF BALLOTS.

Sect. 19. In event of loss, or failure to receive ballots, the municipal officers or clerk, are to procure other ballots substantially of the same form as the official ballot; to be handled and disposed of, as provided by section 19 , to which your attention is invited.

## POLLING PLACES.

Sect. 22. A sufficient space, not less than six feet in depth, in any case, must be railed or separated from the rest of the polling place or ward room, say at one end, or in one corner thereof, by a "guard rail." The larger the number of voters, and consequently greater number of voting booths required, the greater must be the space inside this 'guard rail"-because, inside the rail must be space enough for election officers, polling and ballot clerks, ballot box and table and also space besides, for at least one voter for each hundred of the whole number entitled to vote at any one polling place; and booths or voting compartments as follows: Booths, or compartments, somewhat resembling three sides of a narrow and not deep closet, at least one for each hundred voters-must be provided; each booth to contain a shelf, sufficiently wide for a voter to mark his ballot upon, equipped with marking facilities-pen and ink, or pencil. In each booth must be posted a card of instructions to voters, also a card containing the last four sections of the law ; which will be supplied by the Secretary of State.

These booths or compartments are to be so constructed and placed, as to secure the following objects:

First: That no person can see, or know, how any voter marks his ballot.

Second: That each booth, its shelf and occupant, shall be in plain view of all persons outside the guard rail.

Third: That each booth, its shelf and occupant, shall be in plain view of the election officers and clerks, inside the guard rail ; but so
placed that these officers cannot see or know how the voter marks his ballot. And no town can have less than three and no ward in a city less than five such booths.

The law does not prescribe whether these booths shall be single, or constructed in a set or series; whether they shall be temporary or permanent structures. Probably either could be a compliance with the law ; but in any event, they must be so constructed, as to highth, width and depth, that absolute secrecy shall be attained.

It is possible to construct a series of four, five, six or more booths, of matched sheathing, having dividing partitions of same material, which can be hooked or hinged to the back partition-with cleats upon sides of the partitions to support necessary shelf-and such booths once constructed could be used many times.

The "guard rail" should be strong, well and securely set, and sufficiently high to afford complete protection to all persons inside its limits.

Sect. 23. The voter announces his name, and if required, his residence, outside the guard rail ; and does not enter the railed space, until his name has been found on the check list and called aloud by the ballot clerk and polling officer both; then the voter passes inside the guard rail, the ballot clerk gives him one ballot and one only, folded, his name is checked on the list, and he is in position to mark his ballot.

## HOW VOTER SHALL MARK BALLOT.

Sect. 24. Having received ballot from ballot clerk, the voter will enter one of the booths or voting compartments and there mark his ballot.

First: He may mark one X opposite the party name at the head of a group of names. This $\mathbf{X}$, so made, is a vote for the "straight ticket," and counts for every candidate of the party group.

Second: If for any cause, the voter does not desire to vote a straight ticket, that is for every candidate of a party; he will make no mark at all opposite the party name, but will make a X opposite every name on the party group or ticket for whom he wishes to vote.

Third: If the voter desires to vote for different candidatessome in one party and some in another-he will make a X opposite the names of those for whom he desires to vote wherever the same appear on the ballot, but no mark opposite any party name.

Fourth: If the voter desires to vote for some person or persons not nominated for office by any party, and where name or names do not appear anywhere upon the ballot, such voter may write the names of such person or persons on the ballot, beneath the names of the candidates who were nominated, and then make a $\mathbf{X}$ against the name or names he has written.

One X marked opposite the name of the party at the head of a group, is sufficient for every voter who desires to vote a straight ticket. All others should make $a X$ against every name they intend to vote for, and no mark against the party name.

Sect. 25. See that you clearly understand this section of the law ; because a voter is allowed but three ballots in all, and if the three are spoiled, the vote is lost.

Sect. 27. Also the law provides, that if it cannot be determined how the voter intended to vote, from the marks on the ballot, such ballot will not be counted.

## Ballot No. 1

Represents a ballot marked for the straight Republican ticket, to wit: one $X$ opposite the word Republican. This is a vote for every candidate in the Republican list or group

| REPUBLICAN. | (X) DEMOCRAT. | NAT. PROHIBITORY. |
| :---: | :---: | :---: |
| For Guvernor, John Doe of Portland. | For Governor, Richard Roe of Bath | $\\| \begin{gathered}\text { For Governor, } \\ \text { Francis Loe of Bangor. }\end{gathered}$ |
| For Rtp to Congress, James Leen of Alua. | For Rep. to Congress, Robert Meen of Troy | $\int \begin{gathered}\text { For Rep. to Corrgress, } \\ \text { Joseph Deen of Saco. }\end{gathered}$ |
| For Senators, <br> John Kone of Etna. | For Senators, Samuel Done of Anson. | For Senafors, Thomas Fone of Benton. |
| For Clerk of Courts, Albert Cane of Kome. | $\left\lvert\, \begin{gathered}\text { For Clerk of Courts, } \\ \text { Frederick Bane of Wells }\end{gathered}\right.$ | For Clerk of Courts, |
| For Sheriff, <br> William Briggs | \| ${ }_{\text {For Sheriff, }}$ | [ $\begin{gathered}\text { For Sheriff, } \\ \text { Harrison Diggs. }\end{gathered}$ |
| For County Attorney, Henry Willows. | $\\| \begin{gathered}\text { For County Attorney, } \\ \text { Nathaniel Bellows }\end{gathered}$ | ( For County Attorney, |
| For Judge of Probate, Peter Henley | $\int \begin{gathered}\text { For Judge of Probate, } \\ \text { Franklin Penley. }\end{gathered}$ | ( For Judge of Prolate, |
| For Rep. to Legislature, Hubert Smith, Jr. | For Rep. to Legislature, John A. Smith. | $\left\lvert\, \begin{gathered}\text { For Rep. to Legislature, } \\ \text { James D. Smith, }\end{gathered}\right.$ |

To vote on the following, mark a $\mathbf{X}$ in the square at the right of YES or NO as the case may be.

| RESOLVE PROVIDING FOR AN EDUCATIONAL QUALIFICATION |
| :--- |
| FOK VOTERS. |
| Shall the Constitution be so amended, so as to change thequalification |
| St |
| of voters as proposed in said resolve. |

Ballot No. 2
Represents a ballot marked for the straight Democratic ticket, to wit: one $\mathbf{X}$ opposite the word Democrat. This is a vote for every candidate in the Democratic list or group.


To vote on the following, mark a $X$ in the square at the right of YES or NO as the case may be.
RESOLVE PROVIDING FOR AN EDUCATIONAL QUALIFICATION
FOR VOTERS.
YES

| Shall the Constitution be so amended, so as to change the qualification |
| :--- |

of voters as proposed in said resolve. NO.

## Ballot No. 3

Represents a ballot mainly Republican. Marked with a X against every name except that of County Attorney. The voter who threw it chose to vote for the Democratic candidate for County Attorney and consequently marked a $X$ against the name of the Democratic candidate.


To vote on the following, mark a $X$ in the square at the right of YEs or NO as the case may be.

| RESOLVE FROVIDING FOR AN EDUCATIONAL QUALIFICATION FOR VOTERS. <br> Shall the Constitution be so amended, so as to change the qualification of voters as proposed in said resolve | YE3 |
| :---: | :---: |
| RESOLVE CONCERNING THE AMENDMENT OF THE COVSTITUTION RELATIVE TO APPOINTMENT OF ADJUTANT GEN ERAL. | Y ES. |
| Shall the Censtituticn be amended as proposed by a Resolution of the Legislature providing that the Adjutant General and Quartermaster General shall be appointed by the Governor. | NO. |

## Ballot No. 4

Represents a ballot mainly Democratic, with a $X$ against every name on the Democratic group except the candidate for Senator. This voter desired to vote for a certain man not nominated, so he wrote that man's name Emerson Lone under the regular nominee's name and marked a $X$ against the name he hid written.


To vote nn the following, mark a $X$ in the square at the right of YES or NO as the case may be.
RESOLVE PROVIDING FOR AN EDUCATIONAL QUALIFICATION
FOR VOTERS. YES.

## Ballot No. 5

Represents a ballot marked by a citizen who desired to vote for one candidate only, the National Prohibition candidate for Congress, and so appears on this billot only the $\mathbf{X}$ against the name of Joseph Deen.

| Republican. | DEmOCRAT. | nat. Prohibltory. |
| :---: | :---: | :---: |
| For Governor, <br> Juhn Doe of Portland. | (1) $\begin{gathered}\text { For Ginvernor, } \\ \text { Richard Roe of Bath. }\end{gathered}$ | For Givernar, Francis Loe of Bangor. |
| For Rep. to Congress, James Leen of Alaa. | For Rep to Congress, Robert Meen of Troy. | For Rep to Conyress, Joseph Deen of Suco. |
| For Senators, <br> John Pone of Etna. | For Senators, Samuel Done of Anson. | For Senators, Chomas Fone of Benton. |
| For Clerk of Courts, Albert Cane of Rowe. | $\\|$For Clerk of Courts, <br> Frederick Bane of Wells | For Clerk of Courts, Milton Jane of Cooper. |
| $\underset{\substack{\text { For Sheriff } \\ \text { William Briggs }}}{ }$ | \|cher For Sherift, | $\left.\right\|_{\text {Harrison Diggs. }} ^{\text {For Shift, }}$ |
| For County Attorney, Henry Willows. | $\begin{gathered} \text { For County Attorney, } \\ \text { Nathaniel Bellows. } \end{gathered}$ | $\left.\right\|^{\text {For Connty Atorney, }}$ |
| For Judge of Probate, Peter Henley. | For Judge of Probate, Franklin Penley. | For Judge of Probate, George J Denley. |
| For Rep. to Legislature, llubert swith, Jr. | For Rep to Legislature, John A. Smith | $\begin{aligned} & \text { For Rep. to Legislature, } \\ & \text { James 1. Smith } \end{aligned}$ |

To vote on the following, mark a X in the square at the right of YES or NO as the case may be.

| RESOLVE PROVIDING FOR AN EDUCATIONAL QUALIFLCATION |
| :--- | :--- | :--- | :--- |
| FOR VOTERS. | YES.

Voters desiring to vote other than a straight party ticket must exercise great care in marking.

Do not make a X against two candidates whose names although in different groups or tickets are nominated for one and the same office.

Be sure and vote for or X only the name of one candidate for any one office.

## HOW VOTER SHALL CAST BALLOT.

Sect. 24. Having marked ballot, the voter will-before leaving the booth-fold the ballot, without showing the marks, or letting them be seen by any one, so that when folded, the ballot will be folded the same as when be got it from the ballot clerk, and the voter shall place the ballot in the ballot box so that the official endorsement on the back of the baliot will be uppermost.

The voter shall mark and cast his ballot "without undue delay"as speedily as possible. No voter can remain inside the guard rail over ten minutes, nor inside the booth over five minutes; and no voter (unless he be an election officer) can go inside the guard rail but once during one and the same election.

SPOILED BALLOTS.
Sect. 25. If a voter spoils the first ballot given him, he may return it to the ballot clerk from whom he got it, and may receive a second b: llot. If he spoil the second ballot he may also return that to the ballot clerk and receive a third ballot; but no voter cau receive more than three ballots.
spoiled ballots shall be returned, with unused ballots, and check lists, to the city, town or plantation clerk, by the ballot clerks, who shall certify the same to be spoiled or unused as the case may be; and also shall certify the check lists to be those used at election.

Ballots and check list so returned by ballot clerks to be returned under seal.

Sect. 31. No person can take or remove a ballot from the polling place, before the polls are closed, under penalties.

## BLIND OR DISABLED VOTERS.

Sect. 26. May notify the presiding election officer of their inability to see, to read, or to mark the ballot, and may then have the assistance of one or more election officers in marking. The voter may select such election officer and must, if required make oath to his disability. In all cases where an election clerk so aids a voter he must so certify on the ballot before it is cast by the voter.

## POLLS.

Sect. 28. Polls are to be opened as early as 8 o'clock A. M., but in no case can be kept open later than 5 u'clock P. M.

## ELECTION CLERKS.

Sect. 21. Election clerks shall be appointed biennially in May, by municipal officers; shall hold office for two years; shall be sworn ; shall equally represent the two political parties, which at the state election next preceding their appointment, cast the highest number of votes; but no candidate can be an election clerk.

If a polling place contains more than 1000 inhabitants (not voters) there must be four such clerks, two republicans and two democrats.

If a polling place contains less than 1000 inhabitants two such clerks are enough, one republican, one democrat. In all cases, one clerk from each of the two parties shall be detailed by the municipal officers as ballot clerks, who shall have charge of the ballots and deliver them to the voters.

The appointments of election and ballot clerks should be in writing and recorded in the office of the city, town or plantation clerks.

## Form E.

## State of maine.



## STATE OF MAINE.

ss.
Then personally appeared above named 1892. and took the oaths necessary to qualify him to discharge according to law the duties of above named office.

Before me,
Justice of the Peace.
*To be used in case of election clerks who are also designated as Ballot Clerks.

## Office of the clerk of the

of
1892.

Received and recorded in vol. , page of the records of

Clerk of

## DIVISION OF TOWNS AND WARDS.

Sect. 20. This section applies to wards of cities, and to towns containing more than four thousand inhabitants; such division being discretionary, not mandatory.

If such divisions are made, each polling place so provided for, must contain not less than three hundred voters-and such division must be made sixty days before election.

Wherever such division is made, municipal officers should at once notify the Secretary of State of the names of the voting precincts in such towns or cities, if any, as No. 1, No. 2, etc.

## INSTRUCTION CARDS AND SPECIMEN BALLOTS.

Sect. 18. There are two kinds of these cards known as No. 1 and No. 2. Municipal officers and clerks are directed to post one card of instructions of each number in each voting booth, or marking compartment; also to post in or about the polling place, outside the guard rail, not less than three of each kind of these cards, and not less than five specimen ballots. These to be nosted immediately after the ballots are delivered to the ballot clerks, at the opening of the polls.

The cards and ballots necessary under this section, will be furnished by the Secretary of State with the general ballots.

Give your name and residence to the ballot clerk.
Go alone to a voting shelf and there unfold your ballot.
To vote a straight ticket, mark a cross X in the square at the right of the party name at the top of the ticket.

To vote other than a straight ticket, mark a cross $X$ in the square at the right of every name you vote for, but make no mark opposite party name.

If you wish to vote for a person, for a certain office, whose name is not on the ballot, write the name in the blank space directly under the list of candidates for the ottice, and mark a cross $X$ in the square at the right of it.

Mark a cross X in the square at the right of Yes, or No, where either of these words occur, as you desire to vote.

Do not mark your ballot in any other way.
If you spuil a ballot return it to the ballot clerk and he will give you another. You cannut have more than two extra ballots, or three in all.

You must mark your ballot in five minutes if other voters are waiting : you cannot remain within the rail more than ten minutes.

Befure leaving the voting shelf, fold your ballot as it was folded when you received it and keep it so folded until you place it in the ballot-box.

D, not show any one how you have marked your ballot.
Go to the ballot-box and give your name and residence to the warden or presiding election officer.

Put your folded ballot in the box with the certificate of the Secretary of Slate uppermost and in sight.

A voter who declares to the presiding officer, (under oath, if required, that he cannot read, or that he is blind or physically unable to mark his ballot, shall, upon request, be assisted in the marking of his ballot by one or two of the election officers to be selected by such voter.

## NICHOLAS FESSENDEN,

Secretary of State.

## CHECK IJISTS.

Sect. 21. This law is not intended to change existing laws relating to check lists, except that the ballot clerks must be provided with such a check list: and as at all polling places there must be such ballot clerks, all polling places must be supplied with two such lists, one for use of the presiding officers, and one for such ballot clerks.

## MUNICIPAL OFFICERS AND TOWN CLERKS.

This law is not intended to change existing laws relating to the duties of these officers, at meetings held for elections.

The municipal officers preside at such meetings, pass upon the qualifications of voters, receive, sort, count and declare the votes; and with the Town Clerk prepare the Election Returns, as has hitherto been the practice.

Votes must be counted, declared, and returns made, on the usual and well known forms, which will be supplied, as heretofore, by the Secretary of State, precisely the same, as at the last and preceding September elections.

The Election and Ballot Clerks, provided for by this law, perform none of these duties, but are to safely keep the ballots, to deliver same to the voter, at the direction of the presiding officer or officers, to assist, if necessary, in marking the ballot, and to return spoiled and defective ballots, and check lists to the Town Clerk. Sections 21, 23 and 25.

The attention of Municipal Officers is called to Chapter 121 Public Laws of 1891, which provides that in towns having five hundred or more voters, no name shall be added to the list of voters on the day of election, \&c.

## Constitutronal amendments.

These, by this law, must be voted upon, on the same ballot which contains the names of candidates for the different offices, and not on a separate ballot as formerly. Vote by marking a $\mathbf{X}$ opposite each question in the square under the words "Yes"-"No."

## PENALTIES.

The last four sections of the law prescribe the penalties for violations thereof, and are sufficiently stringent to merit careful consideration. These sections are printed as Cards of Instruction No. 2, and are to be posted the same as, and with cards No. 1, before referred to.

## to CLERKS OF CITIES.

The secret ballot law applies to all city elections for the eleetion of municipal officers, and the same daties which are assigned by it, to the Secretary of State in state elections, are assigned to city clerks within their respective cities, in city elections.

There are a few differences, wholly of a minor sort, but the system is the same for cities as for the state; and the forms herein given can be easily adapted to the requirements of city use.

## TO THE COMMITTEES OF ALL PARTIES.

I respectfully call the attention of the committees of all political parties, upon whom devolve the responsibility of calling nominuting conventions, to certain features of the ballot law, which seem to necessitate the calling of all such conventions at a much earlier season, than has been the practice hitherto, in order to insure the successful operation of the law.
The total number of ballots to be printed is about 500,000 . There are in the state, 151 Representative Class Districts. It is safe to reckon that each of the two great parties will have a full ticket in each of these districts-this would call for 302 different sorts of tickets. Presumably in at least 100 of these districts other parties will have a ticket. So that in all, these 500,000 ballots must be divided up in the printing, into at least 400 different tickets. When printed these ballots are to be fastened together in blocks say of 75 each, or about 6600 different blocks or packages, and must be carefully packed, labeled, recorded and shipped, under seal.

It will be seen at a glance, that to print, fold, block, record, label, pack and ship this quantity of ballots, to some 500 different city and town clerks must involve a great deal of time, especially in the first instance or attempt to inaugurate the system.

The law requires that these ballots shall be sent to each of these 500 clerks in two lots at two different times. The first lot in time to be received by such clerks 72 hours at least ; the second 48 hours at least, before the day of election, (Sundays included.)

If the areas of the state, its mail and express facilities are considered, it becomes evident that, if nomination certificates are not received at this office until August 19th (20 days exclusive of Sundays before election day) the limit fixed by law in which the Secretary can receive them, the time left, between the reception of them on August 19th, and the date upon which shipment of the first lot must be commenced, in order to meet the seventy-two hour requirement, is so short as to be dangerous to the transmission of the ballots as the law intends.

To meet the requirements of the law, considering the territorial limits of the state, and the number of towns not too speedily reachable from Augusta, as mails àd expresses run, all nominating conventions should be held early enough to admit of the reception, at this office, of all nomination certificates thirty days, at least, exclusive of Sundays, before September 12th, the day of election.

Thirty days is none too much time in which to do the necessary work and insure reaching every voting precinct in Maine; to do which in many instances will require the shipment of ballots to begin at least 5 and perhaps 7 days before the day of election

Therefore, I respectfully urge that all county conventions be held as early as July 20th and all class district conventions as early as August 3d.

I have been so continually besieged for information in regard to the working of the ballot law-the demand for such information has been, and is so universal from every section of the state, that although the law does not affirmatively require this work at my hands, I have felt that by no other method could I more fully discharge the duty impliedly assigned to me by the law, of affording to the people all possible knowledge of its details and the practical manner of its effective use.

This must be my apology, if an apology be needed, for presenting this pamphlet.

## NICHOLAS FESSENDEN,

## IN DEX.

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[^0]:    

[^1]:    *Employed during summer season.

[^2]:    *Station agents do not all work full time.

