TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES BY STATES FOR 1910.

| year and state. | $\begin{array}{\|c} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{array}$ | Wage earners (averagenumber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manu- facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Txprossod in thousands. |  |  |  |  |

AEROPLANES, SEAPLANES, AND AIRSHIPS, AND PARTS.


AGRICULTURAI IMPLEMENTS.

| Unitcd States. |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

[^0]TABLI 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE TOR THE UNITED STATES, BX STATES FOR 1910-Continued.

| mear and state. | Number of estab-lishments | Wago arners (average num1-ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

ALUMINUM MANUFACTURES.

| Unitcd Stats. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 83 | 11,402 | 30,280 | \$18,490 | \$13, 327 | \$10,272 | \$75, 278 | \$26,006 |
| 1914. | 37 | 4, 014 | 12,338 | 11,088 | 2,611 | 11,421 | 19, 597 | 5,176 |
| States, 1019. |  |  |  |  |  |  |  |  |
| Illinois.. | 6 | 333 | 436 | 1,289 | 385 | 1,172 | 1,957 | 785 |
| Massuchuset | 4 | 103 | 173 | 172 | 81 | 229 | 395 | 166 |
| Michigin .. | 0 | 297 | $3 \times 3$ | 701 | 277 | 95. | 1,378 | 424 |
| Now Jersey | 5 | 1,163 | 4, 0 , ${ }^{\text {a }}$ | 10, 165 | 1,212 | 4,307 | 7,060 | 2,753 |
| Ohio ... | 20 | 1, 810 | 4,721 | 7, 0170 | 2, 7147 | 6,673 | 11, 132 | 4,459 |
| Wisconsin | 13 |  |  | 8,170 | 2,072 | 8,157 27 | 1.4, 17.4. | 6,017 |
| All other stalos | 24 | 5,519 | 15,045 | 20,391 | 6,550 | 27,780 | 39, 182 | 11,402 |

## AMMUNITION.

| Unittod Siutes. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 42 | 22,816 | 39,128 | \$94, 559 | \$23,588 | \$38,102 | \$88,038 | \$49,936 |
| 1914 | 32 | 11,493 | 11,354 | 37, 454 | 6,751 | 16,277 | 30, 840 | 14,563 |
| 1009. | 39 | 8,713 | 110,317 | 26,344 | 4,509 | 15,452 | 26,053 | 10,601 |
| 1904. | 32 | 7,410 | 5,056 | 12, 117 | 4,032 | 10,601 | 19,931 | 9,330 |
| 1899. | 33 | 5,231 | 2,980 | 6, 710 | 2,561 | 7,437 | 13, 028 | 5,591 |
| 1889. | 35 | 2,158 | 2,256 | 4,369 | 970 | 2,760 | 6,639 | 3,779 |
| 1879. | 4 | 1,066 |  | 824 | 362 | 1,223 | 1,905 | 682 |
| 1869. | 17 | 657 | 303 | 1,045 | 454 | 1,095 | 2,485 | 790 |
| 1859. | 16 | 400 |  | 443 | 115 | 275 | 602 | 327 |
| 1.840. | 7 | 85 |  | 251 | 21 | 776 | 1,010 | 243 |
| Slutes, 1919. |  |  |  |  |  |  |  |  |
| Callornia. | 3 | 298 | 626 | 3,072 | 22.4 | 1,014 | 1,767 | 753 |
| Connoctient | 3 | 12,489 | 21, 512 | 44,190 | 12, 254 | 15, 934 | 39,997 | 24, 063 |
| Massachusott | ${ }^{6}$ | 2,449 | 2, 694 | 7, 128 | 2, 404 |  | 5,961 |  |
| Now Jersoy | 5 | 979 | 3,843 | 6, 898 | 096 | 1,945 | 3,947 3 3 | 2,002 |
| Pornsylvania. | 10 | 669 5,032 | 2,0100 7,823 |  | 7,618 | 2,030 16,012 | 3,304 32,972 | 1,364 16,960 |
| All other states ${ }^{\text {a }}$ | 15 | 5,032 | 7,823 | 27, 165 | 7,119 | 16,012 | 32, 872 | 16,960 |

## ARTIFICIAL FLOWERS.



[^1]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE TOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage earners (average num- | Primary horsopower. | Capital. | Wages. | Cost of materials. | Value of products | Talue added by manufacturo. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed ith thousauds. |  |  |  |  |

ARTIFICIAL LIMBS.

| Unitcd Statcs. |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

ARTIFICIAL STONE PRODUCTS.

| United States. |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

1 Includos: Alabama, 2 establishments; Arkansas, 1 ; Colorado, 2; Connoctient, 1; Disthet, of Columbia, 2; Iowa, 2; Kentucky, 2; Louisiana, 1; Montana, 1; Nobraska, 1; New Jorsey, 1;'Oklahoma, 2; Oregon, 1; Tonnessee, 3; Utah, 2; Virginia, 2; Wisconsin, 3.

TABIE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish-- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average nimmber). | Primary horsepower. | Capital. | Wages. | Cost of matorials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

ARTIFICIAL STONE PRODUCTS-COntinued.

| States, 1919-Continumd. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Montana. | 8 | 19 | 144 | 847 | $\$ 31$ | \$26 | \$79 | \$53 |
| Nebraska. | 107 | 213 | 512 | 672 | 257 | 445 | 947 | \$02 |
| New Hampshire. | 5 | 6 | 32 | 35 | 7 | 14 | 40 | 26 |
| New Jorsey .- | 76 | 295 | 700 | 1,329 | 339 | 445 | 1,155 | 710 |
| New York. | 143 | 530 | 1,771. | 2,881 | 636 | 916 | 2,222 | 1,306 |
| North Carolima. | 15 | 106 | 1141 | ${ }^{2} 256$ | 89 | 180 | 2, 404 | 1, 224 |
| North Dakota. | 8 | 23 | 17 | 3.4 | 22 | 36 | 85 | 49 |
| Ohio...... | 339 | 721 | 1,082 | 2,523 | 830 | 1,405 | 2, 993 | 1, 588 |
| Oklahoma. | 35 | 44 | -64 | 2, 110 | 45 | 1, 80 | 2, 205 | 1, 116 |
| Oregon... | 14 | 48 | 103 | 219 | 69 | 109 | 265 | 150 |
| Pennsylvania. | 99 | 334 | 1,009 | 1,234 | 411 | 617 | 1,444 | 827 |
| Rhode Island. .-............ | 12 | 27 | - 27 | - 76 | 33 | 36 | 1, 101 | 65 |
| South Dakota. . . . . . . . . . . | 94 | 69 | 205 | 237 | 68 | 110 | 260 | 150 |
| Tennessec. | 13 | 41 | 164 | 212 | 40 | 62 | 168 | 106 |
| Texas. | 23 | 341 | 202 | 416 | 236 | 216 | 573 | 357 |
| Utal. | 16 | 65 | 154 | 251 | 92 | 56 | 197 | 141 |
| Virginia... | 10 | 29 | 74 | 53 | 21 | 31. | 84 | 53 |
| Washington., | 34 | 82 | 484 | 633 | 115 | 168 | 429 | 261 |
| West Virginia. | 33 | 92 | 233 | 215 | 90 | 155 | 335 | 180 |
| Wisconsin... | 129 | 313 | 1,083 | 1,295 | 374 | 565 | 1,377 | 812 |
| Wyoming...... | 5 | 3 | 104 | 16 | 3 | 4 | 1, 9 | 5 |
| All other states ${ }^{2}$. | 4 | 29 | 72 | 98 | 30 | 36 | 99 | 63 |

ARIISTS' MATERIALS. ${ }^{2}$


ASBESTOS PRODUOTS, NOT INOLUDING STEAM PAOEING.


[^2]TABLE 925.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wageearners(averagenum-ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

AUTOMOBILE BODIES AND PARTS.

| 1919 |  | 132,556 | 256, 919 | \$470,498 | \$17s, 950 | \$362,027 | \$092, 171 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914 | ,971 | 47,785 | 68, 701 | 94, 554 | 34, 993 | 63, 010 | 129,601 | * 050,991 |
| 1909. | 478 | 24,427 | 24,909 | 39, 244 | 15,513 | 23,914 | 55, 379 | 31, 465 |
| 1901. | 57 | 1,810 | 2,485 | 2,529 | 980 | 1,493 | 3,388 | 1,895 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 9 | 89 | 230 | 226 | 86 | 93 | 263 | 170 |
| Arkansas | 14 | 83 | 236 | 168 | 62 | 143 | 254 | 111 |
| California | 253 | 1,681 | 1,981 | 3,412 | 2, 255 | 3,292 | 7,735 | 4,443 |
| Colorado. | 29 | 212 | 219 | 336 | 276 | 341 | 819 | 478 |
| Connecticu | 53 | 1,164 | 1,745 | 4,924 | 1,465 | 3, 012 | 6,198 | 3,106 |
| Delaware. | 5 | 11 | 51 | 75 | 17 | 16 | 64 | 48 |
| District of Columbia | 5 | 25 | 21 | 102 | 30 | 40 | 102 | 62 |
| Florida. | 8 | 44 | 26 | 106 | 60 | 91 | 207 | 110 |
| Georgia | 27 | 209 | 302 | 430 | 223 | 713 | 1,133 | 420 |
| Idaho. | ${ }^{5}$ | ${ }^{7}$ | 8 | [ 27 | 6, 5 | - 88 | 22 27.865 | ${ }^{14}$ |
| Inlinois. | 204 | 5,298 75,229 | 8,835 25,917 | 16,911 <br> 54,004 | 6,474 17,373 | 12,922 40,069 | 27,865 71,717 | 14,943 |
| Indiana | $\begin{array}{r}145 \\ 37 \\ \hline\end{array}$ | 15,229 460 | 25, 917 | 54,004 1,234 | 17,373 469 | 40,069 816 818 | 71,717 1,713 | 31,048 897 |
| Kansas. | 28 | 90 | 176 | - 422 | 93 | 179 | ${ }^{1} 416$ | 237 |
| Kentucky | 17 | 388 | 816 | 1,045 | 411 | 684 | 1,366 | 682 |
| Louisiana | 10 | 174 | 672 | 322 | 184 | 435 | 732 | 297 |
| Maine. | 6 | 40 | 64 | 48 | 40 | 24 | 87 | 63 |
| Maryland | 35 | 233 | 422 | 701 | 279 | 438 | 1,034 | 596 |
| Massachuse | 88 | 3,541 | 3,281 | 9, 601 | 4,590 | 6,712 | 14,483 | 7,771 |
| Michigan. | 203 | 49,048 | 103, 425 | 186,318 | 75, 221 | 150, 582 | 258, 307 | 137,745 |
| Minnesota | 48 | 405 | 611 | 979 | 457 | 877 | 1,763 | 886 |
| Mississippi | 4 | 56 | 211 | 126 | 49 | 72 | 178 | 108 |
| Missouri. | 78 | 1,375 | 2,036 | 3,152 | 1,418 | 4,819 | 9,315 | 4,496 |
| Montana. | 6 |  | 18 | 16 |  | 15 | 34 | 19 |
| Nebraska. | 20 | 327 | 597 | 2,755 | 361 | 1,037 | 1,723 | 686 |
| New Hamps | 4 | 4 | 27 |  | 3 |  | 11 | 7 |
| New Jersey. | 110 | 3,160 | 5,939 | 8,923 | 4,151 | 6,403 | 15, 111 | 8,708 |
| New York. | 316 | 15,089 | 27,976 | 50, 792 | 19,305 | 34, 553 | 70, 415 | 35,862 |
| North Carolina | 7 | 44 |  |  |  |  | 114 | 76 |
| North Dakota | 5 | 12 | 26 | 27 | 23 | 28 | 63 | 35 |
| Ohio.. | 237 | 16,670 | 41,566 | 65, 426 | 21,966 | 52,542 | 02,391 | 39,849 |
| Oklahom | 18 | 105 |  | 176 | 138 | 170 | 428 | 258 |
| Oregon. | 17 | 46 | 93 | 115 | 71 | 118 | 259 | 141 |
| Pennsylvania | 177 | 10,274 | 17,950 | 37,376 | 13,146 | 24,708 | 45,329 | 20,621 |
| Rhode Island. | 18 | 179 | 280 | 487 | 193 | 204 | 685 | 481 |
| South Carolina | 6 | 34 | 57 | 57 | 32 | 100 | 138 | 32 |
| South Dakota. | 4 | 5 | 12 | 5 | 6 | 8 | 26 | 18 |
| Tennessee. | 17 | 486 | 1,020 | 843 | 417 | 579 | 1,352 | 773 |
| Texas. | 72 | 480 | 626 | 975 | 557 | 753 | 1,881 | 1,128 |
| Utah. | 6 | 56 | 40 | 90 | 61 | 50 | 106 | 110 |
| Virginia | 19 | 126 | 124 | 370 | 113 | 308 | 527 | 219 |
| Washington | 58 | 276 | 429 | 732 | 402 | 435 | 1,226 | 761 |
| Wisconsin....... | 80 7 | $\begin{array}{r}4,678 \\ \hline 39\end{array}$ | 8,028 78 | 15,871 | 6,377 | 13, 418 | 24, 3 , 108 | 10,038 |
|  |  |  |  |  | 40 | 76 | 108 | 02 |

AUTOMOBILES.


1 Includes: Arizona, 2 establishmonts; Nevada, 2; New Mexico, 1; Vermont, 1; West Virginia

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage oarners number). | Primary horsopower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manuracturo. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

AUTOMOBILES-Continued.

| States, 1019. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| California | 12 | 1,327 | 1,332 | \$11,991 | \$1,810 | \$27, 026 | \$36,627 | \$9,601 |
| Illinois. | 25 | 3,507 | 6,263 | 26,673 | 4,665 | 61,032 | 77,019 | 15, 987 |
| Indiana. | 27 | 10, 544 | 13,564 | 54, 700 | 12,481 | 77, 697 | 107, 347 | 29, 050 |
| Towa. | 6 | 104 | 161. | 1,220 | 126 | 1,152 | 1,584 | 432 |
| Massuchuse | 8 | 989 | 1,160 | 7,272 | 1,2.10 | 9,570 | 12,548 | 2,978 |
| Michigan. | 08 | 126, 937 | 180, 702 | 806, 190 | 197, 768 | 809, 205 | 1,332, 077 | 522, 872 |
| Missouri. | 8 | 1,865 | 1,470 | 9,594 | 2,30.4 | 50, 124 | 62, 624 | 12,500 |
| New Jersey | 6 | 2,359 | 3,216 | 11,579 | 3,507 | 30, 683 | 39,501 | 8,878 |
| New Yor | 28 | 14,794 | 14, 488 | 71, 719 | 20,007 | 101, 244 | 140,722 | 39,478 |
| Ohio. | 44 | 29, 212 | 37, 473 | 191,041 | 41,444 | 198,439 | 287,046 | 88,607 |
| Pennsylvan | 25 | 4,434. | 5,413 | 25, 172 | 5,703 | 51, 421 | 68, 491 | 17, 070 |
| Wisconsin. | 15 | 8,907 | 14, 864 | 46, 85. | 13,257 | 61,758 | 95,030 | 33, 272 |
| All other states | 43 | 5,580 | 7,177 | 43, 410 | 7,854 | 99,301 | 127, 227 | 27,926 |

AUTOMOBILE REPAIRING.

| Unitcd States. | 15,507 | 55, 001 | 82,091 | \$141,124 | \$71,613 | \$87, 649 | \$224,652 | \$137,003 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 3,273 | 12,562 | 16,380 | 17,098 | 10,614 | 9,154 | 29,920 | 20,766 |
| States, 1919, |  |  |  |  |  |  |  |  |
| Alabama. | 132 | 480 | 990 | 835 | 584 | 641 | 1,743 | 1,102 |
| Arizona. | 81 | 231 | 422 | 602 | 357 | 367 | 1,013 | 646 |
| Arkansas | 79 | 261 | 605 | 452 | 277 | 292 |  | 47 |
| California | 1,648 | 5,092 | 8,424 | 13, 191 | 8,300 | 9,267 | 24, 894 | 15,627 |
| Colorado. | 401 | 1,495 | 2,229 | 3, 537 | 1,955 | 2,122 | 5,679 | 3, 557 |
| Comnecticu | 301 | 1,073 | 1,093 | 2,707 | 1,334 | 1,690 | 4, 545 | 2,855 |
| Dolawaro. | 1.5 | 41 | 40 | 92 | 51 | 48 | 141 | 93 |
| District of Columb | 27 | 214 | 158 | 739 | 229 | 402 | 884 | 482 |
| Florida. | 79 | 259 | 590 | 378 | 297 | 245 | 740 | 495 |
| Georgia | 195 | 803 | 1,181 | 1,160 | 1,034 | 1,090 | 2,739 | 1,649 |
| Idaho.. | 119 | 342 | 485 | 1,032 | 534 | 543 | 1,446 |  |
| Illinois. | 785 | 3,120 | 4,278 | 8,017 | 4,006 | 6,102 | 13,951 | 7,849 |
| Indiana | 358 | 885 | 1, 092 | 1,955 | 1,007 | 1,285 | 3,352 | 2,067 |
| Iowa.. | 679 | 1,355 | 3,232 | 4,413 | 1,730 | 2,332 | 5,807 | 3,475 |
| Kansas. | 325 | 870 | 2,120 | 1,856 | 1,172 | 1,275 | 3,288 | 2,013 |
| IKontucky | 100 | 614 | 1,261 | 1,401 | 773 | 942 | 2,389 | 1,447 |
| Loulsiana | 128 | 623 | 834 | 1,147 | 548 | 648 | 1,548 | 900 |
| Maine. | 10.4 | 400 | 773 | 1,008 | 4.64 | 468 | 1,277 | 809 |
| Maryland | 212 | 1,101 | 1,094 | 3,315 | 1,280 | 2,369 | 4,874 | 2,505 |
| Massachuse | 279 | 1,582 | 1,424 | 2, 707 | 2,044 | 2, 044 | 5,973 |  |
| Michipan. | 209 | 9688 | 1,362 | 2,905 | 1,288 | 1, , 863 | 4,227 | 2,364 |
| Minnesota | 592 76 | 1,842 | 2,830 | 5,346 | ${ }^{2,296}$ | 2,164 | 9,283 | 7, 119 |
| Missouri. | 417 | 1,283 | 1,976 | 3,203 | 1,588 | 2,077 | 5,212 | 3,135 |
| Montana. | 255 | 520 | 1,157 | 1,243 | 1,775 | ${ }^{2} 005$ | 2,039 | 1,434 |
| Nebraska | 490 | 1,184 | 2,822 | 3,506 | 1,554 | 1,928 | 4,550 | 2,622 |
| Nevada. | 17 | 45 | 118 | 89 | 79 | 75 | 221 | 146 |
| New Hamps | 48 | 157 | 220 | 372 | 190 | 335 | 683 | 348 |
| New Jorsey | 408 | 1, 1827 | 2,083 | 4, 328 | 2,144 | 2, 3173 | 0,130 495 | 3,818 |
| New Mexico Now York. | 090 | 0,197 | 5,807 | 10,135 | 8, 088 | 10,383 | 25,310 | 14,927 |
| North Carolin | 309 | 1,283 | 1,748 | 3,117 | 1,702 | 1,807 | 5,002 | 3,195 |
| North Dakota. | 130 | 803 | 767 | 1,724 | 368 | 546 | 1,232 | 688 |
| Ohlo. | 540 | 2,430 | 3,678 | 5, 811 | 3,312 | 4,494 | 10,245 | 5,751. |
| Oklahoma | 129 | 455 | 1,041 | 1, 006 |  |  |  |  |
| Orogon.... | 220 | + 727 | 1,202 | 1, 1002 | 1,027 | $\begin{array}{r}790 \\ 8.364 \\ \hline\end{array}$ | 2,605 20,682 |  |
| Phansylvanta | 1,859 | 5, 2225 | 7, 109 | 15, 264 | 6,864 390 | 8,364 337 | 20, 1,082 1,081 | 12,318 |
| South Carolina | 188 | 532 | 851 | 2,138 | 631 | 819 | 1,984 | 1,165 |
| South Dakota | 362 | 794 | 2,082 | 2,520 | 1,154 | 1,232 | 3,347 | 2,115 |
| Temnessec. | 163 | 603 | 1,025 | 1,641 | 608 | 1,044 | 2,329 | 1,285 |

1 Includes: Arkansas, 1. establlshment; Colorado, 2; Connecticut, 2; District of Columbia, 1; Georgia, 2; Kansas, 2; Kontucky, 2; Loulstana, 2; Maryland, 1; Minnosota, 5; Nebraska, 2; Now Hampshire, 1; North Carolina, 2; Olelahoma, 3; South Carolina, 1; South Dakota, 1; Tennesseo, 1; Texas, 5; Virginia, 2; Washington, 4; West Virginla, 1.

TABIT 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES BY STATES FOR 1919-Continued.

| year and sid | Nımber of estab-lishments. | $\begin{gathered} \text { Wage } \\ \text { earners } \\ \text { (average } \\ \text { num- } \\ \text { ber). } \end{gathered}$ | Primary horsepower. | Capital. | Wages, | Cost of materiths. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expro | sed in thot | mands. |  |

AUTOMOBILE REPAIRING Continud.

| States, 1919-Continued. |  |  |  |  |  | * |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Texas. | 334 | 1,204 | 1,603 | \$2,881 | \$1,469 | \$2, 156 | \$5,302 |  |
| Utah. | 125 | 426 | 596 | 066 | 5.54 | $\cdots$ | 1,537 |  |
| Vermont | 88 | 297 | 459 | 829 | 326 | 674 | 1, 221 | 1,147 |
| Virginia.. | 116 | 376 | 409 | 821 | 423 | 801 | 1,641 | 1, 810 |
| Washington. | 562 | 1,687 | 2,311 | 3,998 | 2, 4195 | 2,415 | 6,193 | 4,538 |
| West Virginia | 158 | - 421 | 1,071 | 1,378 | ${ }^{6} 930$ | 888 | 2,300 | 1,402 |
| Wisconsin. | 673 139 | 1,738 363 | 3,210 837 | 6,008 | 2,003 002 | 2,941 6007 | 6. 865 1.660 | 3.924 |
| W yoming. | 139 | 303 | 83 | 83 | 002 | $(6) 7$ | 1,060 | 1,053 |

AWNINGS, TENTS, AND SAILS.

| United States. |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

[^3]TABLE 225.-SUMMARY FOR INDUSTRIEG: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| gear and state. | $\begin{array}{\|l} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{array}$ | Wage earners (average nump- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

BABBITT METAL AND SOLDER.

| $1{ }^{1}$ Unitca States. | 118 | 2,372 | 6,022 | \$24,383 |  | \$48,844 | \$59,017 | \$10,173 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. | 109 | 1,035 | 2,881 | - 8,919 | -72, 701 | -15,652 | 19,180 | \$1, 3,528 |
| 1909. | 109 | 897 | 2,293 | 7,418 | 561 | 16,270 | 19,768 | 3,498 |
| 1904. | 75 | 569 | 1,138 | 4,129 | 338 | 10, 864 | 13, 100 | 2,236 |
| 1899. | 51 | 035 | 999 | 3,116 | 295 | 7,998 | 9,191 | 1,193 |
| 1889. | 36 | 173 | 101 | 955 | 84 | 2,386 | 2,905 | 519 |
| 1879. | 9 | 44 |  | 73 | 19 | 214 | 263 | 49 |
| 1869... | 8 | 34 | 2 | 153 | 16 | 247 | 310 | 63 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 7 | 111 | 251 | 1,438 | 147 | 2,780 | 3,350 | 570 |
| Illinois. | 12 | 728 | 3,017 | 10,383 | 1,007 | 22,121 | 25, 896 | 3,775 |
| Minnesota. | 3 | 11 |  |  | 12 | 101 | 141 | 40 |
| Now York. | 34 | 687 | 1,054 | 4,420 | 718 | 7,887 | 10, 212 | 2,325 |
| Pennsylvania. | 19 43 | 233 602 |  | 1,762 6,324 | 313 685 |  | 2,445 16,973 | 707 2,756 |
| All other states ${ }^{\text {. }}$ | +3 | 002 | 1,203 | , 324 | 685 | 17,217 | 16,073 | 2,756 |

BAGS, OTHER THAN PAPER, NOT INCLUDING BAGS MADE IN TEXTILE MILLS.

| United States. |  |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

[^4]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATTVE FOR THE UNITRD STATES,

| YEAR AND STATE. | Number of estab-lishmonts. | wage oarners (average mer). | Primary homsenower. | Capital. | Wagos. | Cont of maternhs. | Value of produets. | Value added by manufacturo. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sel in thon | mads. |  |

bags, Paper, EXCLUSIVE OF THOSE MADE IN PAPER MILLS.

| United Stutes. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 75 | 4,168 | 4,420 | \$24, 5185 | * 8,603 | \$34,350 | 847,294 |  |
| 1914 | 59 | 3,305 | 3,6世2 | 11, 178 | 1,459 | 12,201 | 17,6013 | - 5 , 4108 |
| 1909. | 74 | 3,212 | 3, 28.5 | 11, 7181 | 1,306 | 10,365 | 15, 6198 | 5, 5,348 |
| 1904. | 62 | 2,473 | 2, 127 | 11,411 | 9810 | 6, 5045 | 111, 1087 | 3, 392 |
| 1899 | 63 | 1,989 | 2, 148 | 6, 117 | 028 | 4, 4199 | 6,769 | 2,300 |
| 1889. | 56 | 1,2(\%) | 884 | 2,322 | 4140 | 3, 168 | $5,12.4$ | 1,856 |
| 1879. | 80 | 1,569 |  | 1,3105 | 440 | 3,1137 | 4,113 |  |
| 1869. | 39 | 444 | 448 | 473 | 135 | 1,013 | 1,dst | +431 |
| States, 1019. |  |  |  |  |  |  |  |  |
| Massachusetts. | 4 | 162 | 423 | 5330 | 125 | 78 | 1,100 |  |
| New York | 23 | 1,289 | 991 | 8,127 | 1,150 | 10, 1208 | 14,172 | 4,020 |
| Ohio... | 11 | 694 | 785 | 4,575 | 65.4 | 4, 139 | 12, 110 | 3,471 |
| Pennsylvania. | 13 | 307 | +281 | 11, 108 | ${ }_{2}^{236}$ | 1,185 | 1, 1, 34 | 0,40 |
| All other states | 24 | 1,716 | 1,1049 | 10,236 | 1,408 | 12, 1(\%) | 17,648 | 5,458 |

BAKING POWDERS AND YEAST,


BASGETS, AND RATTAN AND WILLOW WARE.

|  |  |  |  |  |  |  |  | \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. | 419 | 4, 838 | 0,819 | \$7,105 | \$3,309 | \$4,904 | \$11, 821 | *0,017 |
| 1909. | 456 | 4,684 | 7,196 | 4, 100 | 1.928 | 2,1000 | 0, 5788 | 8,570 |
| 1904. | 486 | 5, 100 | 6,252 | 8,800 | 1,747 | 2,388 | ${ }^{6}, 005$ | 8,860 |
| 1899. | 454 | 4,217 | 6,997 | 2,844 | 1, | 1, 1,808 | 6, $1 \times 7$ | 3, 384 |
| 1880. | 403 | 3,303 | 1, 824 | 2,703 | 1,004 | 1, 1 ,308 | 3, ${ }^{18180}$ | 2, 2301 |
| 1879 1869 | 304 | 8,119 |  | 1,888 | 067 | * $\times 67$ | 1,968 | 1,126 |
| 1859. | 1295 | 1,779 | 820 | 680 | 890 | 302 | 1,100 | 804 |
| 1849. | 70 | 207 |  | 41 | 108 | 78 48 | 337 188 | 260 |

[^5]TAbLE 225.-SUMMARY FOR TNDUSTRIES: COMPARATIVE FOR TEE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | $\begin{gathered} \text { Wage } \\ \text { oarners } \\ \text { (average } \\ \text { num- } \\ \text { ber). } \end{gathered}$ | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

BASKETS, AND RATTAN AND WILLOW WARE-Continned.

| States, 1919. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama. | $1{ }^{7}$ | 103 | 201 | \$118 | \$11 | \$32 | \$103 | \$71 |
| Delaware. | 3 | 125 36 | 295 | 211 24 | 11.3 | $3 \cdot 47$ | 571 | 224 |
| Illinois. | 12 | 44 | 16 | 07 | 42 | 81 | 162 | 24 |
| Indiana. | 12 | 1,107 | 937 | 820 | 569 | 509 | 1,502 | -86 |
| Maine. | 3 | 5 | 19 | 8 | 6 | 4 | 1, 13 | 1,083 |
| Maryland. | 16 | 48 | 56 | 43 | 46 | 68 | 148 | 80 |
| Massachusetti | 13 | 311 | 250 | 332 | 246 | 332 | 768 | 436 |
| Michigan.. | 9 | 296 | 263 | 335 | 216 | 198 | 539 | 3.1 |
| Now Jersey | 24 | 152 | 46.4 | 36.4 | $13: 3$ | 205 | 524 | 259 |
| New York. | 153 | 762 | 1,212 | 2,350 | 671 | 1,301 | 3,164 | 1,803 |
| North Carolin | 4 | 37 | 1, 89 | 19 | 28 | 16 | -97 | ${ }^{1} 51$ |
| Ohio... | 29 | 319 | 039 | 232 | 234 | 135 | 538 | 403 |
| Oregon. | 3 | 17 | 12 | 21 | 13 | 11 | 44 | 33 |
| Pennsylvania | 32 | 311 | 108 | 580 | 2167 | 852 | 1,430 | 578 |
| Wisconsin. | 8 | 208 | 325 | 200 | $\begin{array}{r}33 \\ 155 \\ \hline\end{array}$ | 29 | 85 | 56 |
| All other states ${ }^{1}$ | 33 | 611 | 1,134 | 1,334 | 532 | 546 | 1,573 | 293 1,027 |

BILIS.


BELIING AND HOSE, RUBBER.

| United States. |  |  | 24.209 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 18 | 5,820 | 26, 209 | \$15, 920 | \$6,074 | \$18,310 | \$34, 211 | \$15,901 |
| 14 | 18 | 5,115 | 22, 9895 | 22, 437 | 2,902 | 12, 967 | 23, 561 | 10, 694 |
| 1 | 18 | 5,131 | 17, 471 | 19,732 | 2, 473 | 10, 976 | 19, 238 | 8,262 |
| 1899. | 18 | 3, 698 | 12, 343 | 13,240 | 1,805 | 9, 090 | 14,954 | 5,864 |
| 1880. | 1.7 | 1, 1,885 | 5,317 | 5, 494 | 883 | 4,076 | 6, 169 | 2, 093 |
| States, 1019. |  |  |  |  |  |  |  |  |
| Massanhusetts. | 3 | 2,441 | 10, 035 | 17,055 | 2,303 |  |  |  |
| Now Jersey... | 5 | 1, 1061 | 3), 670 | 18,785 | 1,901 | 5,261 | 10, 880 | 5,619 |
| All other statos ${ }^{3}$ | 7 | 1,724 | 6,585 | 4,480 | 1,870 | 5,266 | 0,471 | 4, 205 |

[^6]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wageearners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Vahne of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

BELTING AND HOSE, WOVEN, OTHER THAN RUBBER.

| United States. |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

BELTING, LEATHER.

| United States. |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

BILLTARD TABLES, BOWLING ALLEYS, AND ACOHSSORIES.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 49 | 2,101 | 5,322 | \$7,041 | \$2, 425 | \$0, 101. | \$15,733 | \$9,632 |
| 1914. | 54 | 1,453 | 3,213 | 5, 438 | 985 | 2,488 | 4, 8 8, | 2,403 |
| 1909. | 54 | 1,495 | 2,642 | 4,705 | 1,011 | 3,309 | 5,878 | 2,509 |
| 1904. | 48 | 796 | 631 | 1,618 | 601. | 937 | 2,223 | 1,288 |
| 1899. | 74 | 453 | 277 | 884 | 278 | 729 | 1,648 | 919 |
| 1889. | 57 | 1,017 | 791 | 1,457 | 705 | 1,296 | 2,823 | 1, 527 |
| 1879. | 46 | 857 |  | 1,078 | 401 | 1,080 | 2,290 | 1,210 |
| 1869. | 39 | 505 | 86 | 805 | 384 | 851 | 1,098 | 1,042 |
| 1859. | 25 | 302 |  | 289 | 141 | 344 | 740 | 396 |

${ }^{1}$ Includes: Colorado, 1 establishment; Connecticat, 1; minois, 2; Indiana, 2; Maryland, 2; Michigan, 1; Missouri, 1; New Hampshire, 1; New York, 6; Ohlo, 3 ; Rhode Island, 1 ; Vhrinia, 1; Wisconsin, 1.
${ }^{2}$ Includes: Colorado, 1 establishment; Dolaware, $1 ;$ Georgia, 3; Indima, 3; Louislama, 3 , Maine, $1 ;$ Maryland, 2; Mississippi, 1; Now ILampshire, 1; North Carolina, 2; Oregon, 1; South Carolina, 1; Virginia, 3; Wisconsin, 3 .

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919 -Continued.

| tear and state. | Number of estab-lishmonts. | $\begin{gathered} \text { Wage } \\ \text { earners } \\ \text { (average } \\ \text { num- } \\ \text { ber). } \end{gathered}$ | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

BILLIARD TABLES, BOWLING ALLEYS, AND ACCESSORIES-Contintued.

| States, 1910. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Illinois... | 3 | 30 | 27 | \$73 | \$29 | 821 | \$83 | \$02 |
| Massachusetts. | 7 | 39 | 43 | 137 | 47 | 115 | 242 | 127 |
| New York. | 19 | 115 | 245 | 509 | 131 | 402 | 812 | 410 |
| Pennsylvania. | 4 | 21 | 33 | 117 | 29 | 63 | 127 | 61 |
| All other states 1. | 16 | 1,890 | 4,971 | 6,205 | 2,189 | 5,500 | 14, 460 | 8,969 |

BLACKING, STAINS, AND DRESSINGS.


BLUING.


[^7]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and stape. | $\begin{gathered} \text { Num- } \\ \text { bur of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{gathered}$ | Wage earners number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

BONE, CARBON, AND LAMP BLACK.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1910. | 35 | 675 | 1,857 | \$9,790 | 8808 | \$2,848 | 86,186 | \$3,338 |
| 1914. | 27 | 339 | 1,816 | 4,995 | 231 | 686 | 1,464 | - 778 |
| 1909. | 27 | 228 | 1,023 | 1,842 | 149 | 445 | 1,1093 | 648 |
| 1904. | 25 | 200 | 1,085 | 1, 663 | 105 | 203 | 648 | 445 |
| 1899. | 15 | 85 | 365 | 782 | 46 | 106 | 360 | 254 |
| 1889 | 24 | 323 | 636 | 1,628 | 152 | 486 | 1,031 | 545 |
| 1879 | 18 | 224 |  | 627 | 80 | 440 | 661 | 221 |
| 1869 | 9 | 56 | 43 | 93 | 21 | 108 | 194 | 86 |
| 1859. | 24 | 168 |  | 259 | 52 | 179 | 377 | 198 |
| 1849. | 5 | 24 |  | 41 | 7 | 21 | 42 | 21 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Louisiana | 7 | 129 | 240 | 2,891 | 135 | 463 | 1,002 | 539 |
| Pennsylvania | 5 | 86 | 252 | 582 | 114 | 155 | 607 | 452 |
| West Virginia. | 16 | 242 | 393 | 4,223 | 282 | 1,231 | 2,407 | 1,176 |
| All other states ${ }^{1}$. | 7 | 218 | 972 | 2,094 | 277 | 990 | 2,170 | 1,171 |

BOOKBINDING AND BLANK-BOOK MAKING.

| Unitcd Statrs. |  |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

[^8]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\left.\begin{gathered} \text { Num- } \\ \text { ber of } \\ \text { ostab- } \\ \text { lish- } \\ \text { monts. } \end{gathered} \right\rvert\,$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manafacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

## BOOT AND SHOE CUT STOCK.



BOOT AND SHOE FINDINGS.


BOOTS AND SHOES, NOT INCLUDING RUBBER BOOTS AND SHOES.


[^9]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| gear and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber or } \\ & \text { ostab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Exprossed in thousands. |  |  |  |  |

BOOTS AND SHOES, NOT INCLUDING RUBEER BOOTS AND SHOES-Continued.

| States, 1919. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| California | 14 | 616 | 381 | \$1,776 | \$542 | \$1,969 | \$3,217 | \$1,278 |
| Connectic | 8 | 995 | 288 | 1,879 | 824 | 2,179 | 3,765 | 1,588 |
| Illinois. | 51 | 7,684 | 5,164 | 21, 467 | 5,903 | 25, 218 | 39, 402 | 14,184 |
| Indiana | 5 | 620 | 426 | 2,276 | 464 | 1,906 | 2, 814 | 948 |
| Iowa. | 6 | 653 | 779 | 1,752 | 449 | 2,270 | 3,047 | 777 |
| Kentucky | 7 | 630 | 463 | 2,694 | 357 | 2,099 | 3,574 | 1,475 |
| Louisiana | 4 | 300 | 167 | 774 | 1197 | 733 | 1,136 | 403 |
| Maine. | 39 | 9,919 | 5,365 | 23,753 | 9, 2227 | 30, 220 | 48, 059 | 17,839 |
| Maryland | 13 | 986 | 582 | 3, 588 | 794 | 3,107 | 4, 662 | 1,555 |
| Massachuset | 493 | 80, 166 | 37,945 | 202, 6163 | 80,490 | 269,351 | 442,466 | 173,115 |
| Michigan. | 15 | 1,120 | 660 | 2,872 | 921 | 4, 184 | 6,046 | 1,862 |
| Minnesota | 16 | 2,153 | 1,738 | 10, 618 | 1,917 | 7,743 | 12,645 | 4, 002 |
| Missouri. | 54 | 17,458 | 11,221 | 53, 837 | 13,787 | 76, 220 | 109, 104 | 32, 268 |
| Now Hampshire | 52 | 12,336 | 7,677 | 26, 398 | 11, 173 | 51, 056 | 73,871 | 22, 815 |
| New Jersey | 34 | 2, 835 | 2, 057 | 7,121 | 2,459 | 7,811 | 12, 864 | 5,053 |
| New York | 340 | 34, 710 | 22,764 | 105, 105 | 39, 643 | 108, 164 | 190, 476 | 82, 312 |
| Ohio. | 60 | 14,092 | 9,137 | 40, 179 | 12,545 | 40, 802 | 71,355 | 30,553 |
| Pennsylvania. | 128 | 13, 317 | 6, 629 | 36, 631 | 10,001 | 40, 072 | 65, 112 | 24,440 |
| T'exas.. | 11 | 88 | 56 | 227 | 93 | 145 | 361 | 212 |
| Washington | 9 | 146 | 175 | 728 | 153 | 445 | 846 | 401 |
| Wisconsin | 62 | 7,598 | 4,653 | 27,053 | 6, 6332 | 27,702 | 44,374 | 16, 872 |
| All other states ${ }^{1}$ | 28 | 2,627 | 2,305 | 7,236 | 2,204 | 10, 263 | 15,385 | 5,122 |

## BOOTS AND SHOES, RUBBER.



BOXES, OIGAR.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1019. | 189 | 5,218 | 5,059 | \$6, 612 | \$3, 512 | \$3,337 | \$13,110 | \$6,773 |
| 1914. | 238 | 5,835 | 5,350 | 5, 270 | 2,290 | 4,269 | 8,337 | 4, 008 |
| 1909 | 274 | 6, 115 | 6,049 | 5, 403 | 2,284 | 4,313 | 8.491 | 4,178 |
| 1904. | 297 | 6,282 | 5,548 | 4,457 | 2,120 | 3,810 | 7,780 | 3,070 |
|  | 315 | 4, 609 | 4,274 | 3,288 | 1,440 | 3,061 | 5,857 | 2,786 |
| 1889. | ${ }^{2} 21$ | 5,125 | 4,447 | 3,374 | 1,803 | 3,567 | 7,092 | 3, 3 25 |
| 1879. | 221 | 2,365 | $\square$ | 1,024 | 749 | 1,300 | 2,003 | 1,518 |
| 1859. | 10 | 22 | 273 | 270 | 20 | 177 18 | 060 82 | 183 14 |

${ }^{2}$ Includes: Alahama, 1 establishment; Georgla, 3; Kansas, 3; Nobraska, 2; North Carolina, 2; Oklahoma,
2; Oregon, $2 ;$ Rhode Island, $1 ;$ Temmessee, $2 ;$ Utah, $1 ;$ Vormont, $2 ;$ Virginla, $5 ;$ West Virginia, 2.
${ }^{2}$ Includes: Indiana, 1 establishment; Maine, 1; Missouri, 1; Now Jersey, 2 ; Now York, 1; Ponnsylvania, 1; Rhode Island, 4; Wisconsin, 1.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishmonts. | Wage earners (average number). | Primary horsepower. | CapitaI. | Wages. | Cost of materials. | Value of products | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

BOXES, CIGAR-Continued.

| States, 1919. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| California. | 4 | 54 | 43 | $\$ 40$ | \$43 | \$77 | \$155 | \$78 |
| Colorado. | 3 | 20 | 12 | 30 | 13 | 31 | 64 | 33 |
| Florida. | 4 | 673 | 643 | 672 | 508 | 750 | 1,683 | 933 |
| illinois. | 12 | 224 | 146 | 405 | 166 | 299 | 695 | 396 |
| Indiana. | 8 | 102 | 104 | 72 | 60 | 67 | 178 | 111 |
| Iowa. | 7 | 69 | 57 | 112 | 44 | 67 | 179 | 112 |
| Loulsiana. | 3 | 71 | 88 | 118 | 36 | 80 | 141 | 61 |
| Maryland. | 6 | 169 | 80 | 151 | 98 | 169 | 377 | 208 |
| Massachuset | 4 | 168 | 95 | 253 | 106 | 228 | 485 | 257 |
| Michigan.. | 9 | 301 | 219 | 240 | 214 | 257 | 600 | 343 |
| New Jersey | 5 | 84 | 67 | 54 | 68 | 108 | 248 | 140 |
| New York | 31 |  | 1,004 | 1,180 | 780 | 1,170 | 2,631 | 1,461 |
| Ohio.... | 10 | + 379 |  | 395 | 8230 | 481 | 951 | ${ }_{1} 470$ |
| Ponnsylvania | 52 | 1,496 | 1,560 | 1,980 | 865 | 1,891 | 3, 422 | 1, 531 |
| Wisconsin...... | $\begin{array}{r}17 \\ \hline\end{array}$ | 363 | 238 213 | 552 | 213 | ${ }_{424}^{237}$ | 387 914 | 150 490 |
| All other states |  |  |  |  |  |  |  | 490 |

BOXES, PAPER AND OTHER, NOT ELSEWHERE SPEGIFIED.

| 1919................. | 1,201 | 55, 862 | 54, 955 | \$131,301 | \$13, 226 | \$101, 135 | \$206, 419 | \$105, 284 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 14 | 1,043 | 45, 311 | 38, 179 | 00, 1227 | 18,705 | 36, 268 | 74,711 | 38, 443 |
| 1909 | 949 | 39,514 | 23, 323 | 35, 475 | 14, 015 | 25, 716 | 54, 450 | 28,734 |
| 1904. | 796 | 32, 082 | 15, 117 | 22,691 | 10, 208 | 16,086 | 36, 867 | 20, 181 |
| 1899 | 729 | 27,653 | 9, 286 | 14,979 | 8,152 | 11,765 | 27,316 | 15, 551 |
| 1889 | 588 | 18,949 | 4,928 | 9,278 | 5,827 | 7,894 | 18, 805 | 10,911 |
| 1879 | 369 | 9,678 |  | 2,496 | 2,374 | 3,579 | 7,666 | 4,087 |
| 1869 | 249 | 4,632 | 413 | 1,192 | 1,259 | 1,593 | 4,030 | 2,437 |
| 1859 | 110 | 1,601 |  | 333 | 359 | 467 | 1,163 | 696 |
| 1840. | 82 | 718 |  | 136 | 140 | 188 | 434 | 246 |
| States, 1910. |  |  |  |  |  |  |  |  |
| California. | 31 | 1,253 | 1,315 | 3,302 | 1,011 | 2,671 | 4,988 | 2,317 |
| Connecticu | 44 | 2,267 | 3,027 | 5,858 | 1,551 | 3,312 | 7,440 | 4,104 |
| Georida. |  |  |  |  |  | 2,301 |  |  |
| Georgia | 10 87 | 488 5,923 | 8,495 | 1,635 18,845 | 304 5,171 | 2, 1501 15 | 3,660 28,893 | 13, 337 |
| Indiana | 21 | 1, 562 | 1,541 | 4,289 | 1, 181 | 4, 405 | 8,408 | 4,001 |
| Iowa... | 10 | 238 | 178 | 407 | 142 | 979 | 1, 438 | 459 |
| Kentucky | 6 | 764 | 1,743 | 3,968 | 512 | 2, 092 | 3,247 | 1,155 |
| Louisiena | 6 | 324 | 146 | 383 | 161 | 420 | 795 |  |
| Maine. | 15 | 443 | 409 | 814 | 278 | 530 | 1,210 | 710 |
| Maryland | 23 | 1,898 | 2,099 | 4,226 | 1,430 | 3,406 | 6,234 | 2,828 |
| Massachuse | 102 | 4,711 | 4,166 | 8,256 | 3,547 | 7, 463 | 15,666 | 8,203 |
| Michigan... | 22 | 2,330 | 5, 2226 | 6,51.1. | 2,161 | 5, 286 | $\begin{array}{r}10,935 \\ 2,086 \\ \hline\end{array}$ |  |
| Minnesata | 41 | 711 2,360 | 523 1,550 | 1,354 4,265 | $\begin{array}{r}\text { 4 } \\ 1,503 \\ \hline\end{array}$ | 963 4,956 | 2,086 8,857 | 1,123 |
| Nebraska. | 3 | 2, 225 | 1,214 | -839 | ? 208 | , 641 | 1,067 | 426 |
| New Hampsh | 8 | 240 | 270 | 293 | 170 | 322 | 092 | 370 |
| New Jersey | 51 | 2,659 | 2,108 | 4,594 | 2, 071 | 3,745 | 8, 202 | 4,457 |
| Now York | 387 | -14, 509 | 12,460 | 34,928 | 12,703 | 22,725 | 53, 164 | 30, 430 |
| North Carolit | 5 | 102 |  |  |  |  |  |  |
| Ohio.. | 58 | $\begin{array}{r}2,052 \\ \hline 109\end{array}$ | 2,893 167 | 6, 119 | 2,035 $\mathbf{1 2 5}$ | 4,805 304 | 10,130 585 | 5, 2285 |
| Oregon.... | 5 150 | 109 5,209 | $\begin{array}{r}167 \\ 3,188 \\ \hline 1\end{array}$ | $\begin{array}{r}\text { 9, } \\ 9 \\ \hline 185\end{array}$ | 3,300 | 6, 604 | 10,585 14, 003 | 7, 3114 |
| Rhode Island | 13 | 456 | 179 | 557 | 201 | 286 | 812 | 126 |
| Tennessee. | 8 | 635 | 242 | 2, 52.1 | 475 | 1,396 | 2,401 | 1,005 |
| Virginia. | 16 | 631 | 605 | 1,013 | 384 | 852 | 1,708 | 856 |
| Washington. | 11 | 329 | 218 | 662 | 249 | 452 | 973 | 52 |
| West Virginia | 4 | 154 | 281 | 597 | 1126 | 004 | ${ }_{5} 981$ |  |
| Wisconsin.... | $\stackrel{24}{21}$ | $\begin{array}{r}1,686 \\ \hline 049\end{array}$ | 878 | 3,808 1,310 | 1,176 436 | 2, 1,465 1,469 | 5,095 $\mathbf{2 , 6 2 1}$ | 1,122 |

[^10]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES,

| YEAR AND STATE. | $\begin{gathered} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{gathered}$ | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of matorials. | Value of products. | Value <br> added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expr | sed in tho | sands. |  |

BOXES, WOODEN PACKING, EXCEPT CIGAR BOXES.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919 | 1, 140 | 42,445 | 144, 048 | \$108, 933 | \$36,811 | \$102,946 | \$177, 818 | \$74, 872 |
| 1914 | 1,174 | 38,548 | 126,805 | 66, 694 | 18,206 | 62, 840 | 86, 567 | 33,727 |
| 1909 | 1,179 | 35,448 | 112,498 | 55, 056 | 15, 336 | 46,478 | 75, 342 | 28, 864 |
| 1904 | 1.,023 | 30,329 | 85,951 | 39,543 | 12, 171 | 33,479 | - 57,048 | 23,569 |
| 1899 | 892 | 21,999 | 54,724 | 21,939 | 7,821 | 22,778 | 38, 164 | 15, 386 |
| 1889 | 636 | 13,006 | 26,916 | 13, 018 | 5, 616 | 14, 215 | 25,513 | 11,208 |
| 1879 | 602 | 7,722 |  | 5,304 | 2,769 | 7,675 | 12,687 | 5,012 |
| 1869 | 696 | 5,303 | 9,941 | 4,029 | 2,068 | 4,500 | 8,965 | 4,375 |
| 1859 | 390 | 2,035 |  | 1,284 | 743 | 1,420 | 2,040 | 1,520 |
| 1849 | 246 | 990 |  | 386 | 309 | 515 | 1,100 | ${ }^{1} 585$ |
| States, 1919. |  |  |  |  |  |  |  | $\cdots$ |
| Alabama. | 7 | 201 | 800 | 372 | 164 | 209 | 475 | 200 |
| Arkansas. | 6 | 222 | 419 | 302 | 205 | 473 | 779 | 806 |
| California. | 46 | 1,657 | 6,229 | 7, 734 | 1, 648 | 5,757 | 8,900 | 3,152 |
| Connecticu | 12 | 42 | 243 | 155 | 43 | 281 | 399 | 115 |
| Delaware. | 7 | 230 | 538 | 345 | 132 | -164 | 441 | 277 |
| Florida. | 20 | 1,025 | 2,300 | 1,750 | 610 | 1,120 | 2,510 | 1,414 |
| Georgia | 13 | 778 | 1,928 | 1,141 | 493 | 1,100 | 2,185 | ${ }^{1} 986$ |
| Illinois. | 63 | 4,524 | 10, 234 | 9,002 | 4,640 | 10,305 | 18,857 | 8,492 |
| Indiana | 28 | 949 | 2,481 | 1, 834 | 668 | 1,741 | 3,165 | 1, 424 |
| Iowa. | 15 | 135 | 621 | 293 | 105 | 351 | ${ }^{5} 535$ | , 184 |
| Kentucky | 8 | 500 | 1, 404 | 857 | 315 | 024 | 1,097 | 773 |
| Louisiana | 17 | 1,282 | 3, 660 | 2,42k | 793 | 2,301 | 4,173 | 1,782 |
| Maine. | 29 | - 018 | 4,305 | 2,625 | 708 | 2,550 | 4, 514 | 1,904 |
| Maryland. | 39 | 1,972 | 6,540 | 3,616 | 1,345 | 3,640 | 6,501 | 2,855 |
| Massachuset | 75 | 3,232 | 12,450 | 9,288 | 3,183 | 8,372 | 15, (15) | 6,679 |
| Michigan. | 46 | 1,481 | 6,772 | 3,727. | 1,332 | 2,746 | 4,977 | 2,231 |
| Minnesota | 28 | 695 | 2,525 | 1,897 | 692 | 2,190 | 3,454 | 1,264 |
| Mississippi | 4 | 821 | 1,340 | 1,393 | 624 | 516 | 1,059 | 1, 543 |
| Missouri. | 29 | 1,827 | 5,882 | 4,504 | 1,541. | 4, 1.70 | 7,312 | 3,130 |
| Nebraska. | 6 | , 99 | 7372 | 266 | 108 | 3015 | 556 | 251 |
| New Hampshire | 33 | 1,631 | 7,514 | 5,489 | 1,164 | 4,255 | 7,081 | 2,700 |
| New Jersey. | 36 | 1,197 | 11,501 | 3,750 | 1,513 | 6,277 | 8,750 | 2,479 |
| New York. | 162 | 2,772 | 11,372 | 9,413 | 2,677 | 8,253 | 14,652 | 6,399 |
| North Carolina | 27 98 | , 922 | 3, 663 | 1,787 | +661 | 1,983 | 3, 188 | 1,208 |
| Ohio. | 98 | 1,874 | 6, 738 | 4, 247 | 1, 779 | 5,353 | 8,037 | 3, 684 |
| Oregon. | 20 | 610 | 3,540 | 1, 479 | , 600 | 2,111 | 4,112 | 2,001 |
| Pennsylvania. | 63 | 1,401 | 5, 826 | 5,420 | 1, 532 | 4, 602 | 7,557 | 2,055 |
| Rhode Island. | 13 | 247 | 957 | 778 | .243 | 502 | 1, 022 | - 480 |
| South Carolina | 6 | 154 | 558 | 236 | 116 | 108 | ${ }^{1} 372$ | 173 |
| Tennessee. | 11 | 780 | 1,770 | 1,228 | 468 | 978 | 1,022 | 944 |
| Texas. | 19 | 1,101 | 5,682 | 2,249 | 627 | 1. 500 | 3,428 | 1,888 |
| Vermont | 13 | 579 | 1,362 | 2,026 | 405 | 1,056 | 1,034 | 1,848 |
| Virginia. | 34 | 2,584 | 7,744 | 6, 623 | 1,775 | 5,919 | 0, 231 | 8,812 |
| Washington. | 16 | 679 | 4,060 | 2, 021 | 748 | 1,736 | 3,381 | 1,645 |
| West Virginia. | 9 | 184 | 1,042 | . 470 | 184 | 085 | 985 | 300 |
| Wisconsin....... | 66 | 2, 605 | 7,907 | 6,757 | 2,21.7 | 6,376 | 11,114 | 4,738 |
| Allother states ${ }^{1}$ | 16 | 545 | 1,610 | 1,180 | - 473 | 1, 4,33 | 2,586 | 1,103 |

BRASS, BRONZE, AND COPPER PRODUCTS.

${ }^{1}$ Includes: Colorado, 4 establishmonts; Idaho, 3; Kansas, 4; Montana, 1; Oklahoma, 2; Utah, 2.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages, | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

BRASS, BRONZE, AND COPPER PRODUCTS-Continued.

| States, 1019. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| California | 45 | 492 | 840 | \$1,452 | \$754 | \$1,818 | \$3,316 | \$1,498 |
| Colorado. | 9 | 52 | 109 | 124 | 68 | ${ }^{231}$ |  |  |
| Connectict | 75 | 29,580 | 121,319 | 127,029 | 36,386 | 110,238 | 169, 550 | 59,312 |
| Delaware. | 4 |  |  | 116 | - 22 | 1109 |  |  |
| Illinois. | 90 | 3,174 | 5,847 | 14,381 | 3,856 | 15,690 | 25,107 | 9,417 |
| Indiana | 31 | 1,271 | 1,514 | 2,260 | 1,485 | 3,234 | 5,638 | 2,404 |
| Iowa. | 5 | 25 | . 51 | 143 | 134 | 153 | ${ }^{2} 25$ | ${ }^{2} 72$ |
| Kentucky | 9 | 104 | 183 | 250 | 115 | 232 | 460 | 228 |
| Louisiana | 6 | 43 | 60 | 84 | 51 | 126 | 235 | 109 |
| Maine.. | 5 | 19 | 58 | 89 | 17 | 40 | 84 | 35 |
| Maryland | 20 | 926 | 7,302 | 4,540 | 1,039 | 2,996 | 5,058 | 2,062 |
| Massachust | 72 | 2,832 | 15,511 | 12,254 | 3,506 | 9,367 | 16,943 | 7,576 |
| Michigan.. | 80 | 10,306 | 27,912 | 40, 284 | 14,579 | 38,849 | 62, 708 | 23, 859 |
| Minnesota | 10 | 213 | 393 | 800 | - 241 | 5 550 | 1,017 | $\stackrel{467}{ }$ |
| Missouri... | 21 | 608 | 887 | 2,396. | 670 | 5,859 | 8,209 | 2,350 |
| Nobraska... | 3 | 2 | 7 |  | 3 | 15 | 27 | 12 |
| New Hamps | 6 | 106 | 134 | 369 | 104 | 189 | 478 | 289 |
| New Jersey | 67 | 2,185 | 11,656 |  | 2,595 | 8,469 | 14,412 | 5,943 |
| New York | 213 | 10,746 | 32,352 | 49,828 | 12,245 | 39,905 | 66,562 | 26,597 |
| Ohio-. | 92 | 4,284 | 10,915 | 16,888 | 5,894 | 16, 178 | 27, 802 | 11, 624 |
| Oregon. |  |  | 250 | 283 | 96 | 275 | 525 | 250 |
| Ponnsylvania | 125 18 | 4,053 | 10,577 | 21,816 | 5,161 | 21,427 | 33,496 | 12,069 |
| Rhode Islan | 18 | 426 | 1, 250 | 1,667 | 466 | 1,853 | 2,976 | 1,123 |
| Texas. | 7 | 122 | 249 | 259 | 139 | 1,017 | 1,467 | ${ }^{4} 50$ |
| Washington. | 16 | 163 | 311 | 454 | 285 | 1,006 | 1,609 | 603 |
| West Virginia | 3 | $\quad .50$ | 13. $\begin{array}{r}110 \\ 1309\end{array}$ | 263 10 | $\begin{array}{r}765 \\ 3.748 \\ \hline\end{array}$ | ${ }^{151}$ |  |  |
| Wisconsin...... | 36 20 | $\begin{array}{r} 2,778 \\ 430 \end{array}$ | 13,096 2,708 | 10,722 4,003 | 3,748 508 |  | 22,510 11,004 | 7,179 1,587 |
| All other state | 20 | - 400 | 2,708 | 4,003 | 508 | 9,417 | 11,004 | 1,587 |

BREAD AND OTHER BAKERY PRODUCTS.

| Uniled States. 1910................ | 25,095 | 141, 502 | 165,950 | \$509, 260 | \$158,237 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914 | 25, 963 | 124, 052 | 107, 771 | 271, 262 | 76,867 | 274,257 | - 491,893 | \$138, 2176 |
| 1909 | 23, 926 | 100, 216 | 65, 298 | 212, 910 | 59,351 | 238, 034 | 396, 865 | 158, 831 |
| 1904 | 18,226 | 81, 278 | 37,241 | 122,353 | 43,172 | 155,989 | 269,583 | 113,594 |
| 1899 | 14, 886 | 60, 192 | 22,472 | 80,902 | 27, 864 | 95,052 | 175,369 | 80,317 |
| 1889 | 10,484 | 38,841 | 10,023 | 45,758 | 19, 120 | 72,508 | 128, 422 | 55,914 |
| 1879 | 6,396 | 22, 488 |  | 19,155 | 9,411 | 42, 612 | 65, 825 | 23,213 |
| 1860 | 3,550 | 14, 128 | 2,588 | 10,026 | 5,353 | 22, 212 | 36,908 | 14,696 |
| 1859 | 1,930 | 6,514 |  | 3,909 | 2,080 | 10, 634 | 16,980 | 6,346 |
| 1849 | 2,027 | 6,727 |  | 3,391 | 1,960 | 8,367 | 13,294 | 4,927 |
| States, 1910, |  |  |  |  | $\because$ |  |  |  |
| Alabama. | 108 | 798 | 1,047 | 1,709 | 560 | 3,561 | 5,433 | 1,872 |
| Arizona | 62 | 209 | . 158 | 468 | 262 | 1,258 | 1,840 | 582 |
| Arkensas | 150 | 443 | 542 | 986 | 366 | 1,593 | 2,596 | 1,003 |
| Calitornia | 1,095 | 5,394 | 6,090 | 17,125 | 6,915 | 31,300 | 48,957 | 17,657 |
| Colorado. | 252 | 1,340 | 1,459 | 3,654 | 1,300 | 6,060 | 9,808 | 3,748 |
| Comnectien | 494 | 2,020 | 2, 196 | 5,983 | 2,651 | 10,938 | 17, 112 | 6, 174 |
| Delawaro. | 47 | 312 | 414 | 1,131 | 1318 | 1,617 | 2,504 | \% 887 |
| District of C | 74 | 1,321 | 1, 111 | 4,096 | 1,606 | 6,233 | 10, 626 | 4,393 |
| Florida. | 188 | 737 | 871 | 2,038 | 622 | 3,552 | 5,144 | 1,592 |
| Ceorgia | 110 | 844 | 865 | 1,806 | 674 | 4,337 | 6, 322 | 1,985 |
| Tapho. | 82 | 159 | 181 | 506 | 181 | 884 | 1,341 | 457 |
| minnois. | 2,345 | 12,418 | 13,750 | 40,917 | 14,383 | 61,597 | 102,604 | 41,067 |
| Tndiana | 802 | 8,759 | 5,703 | 10,688 | 3, 609 | 19;476 | 30, 020 | 10,544 |
| Iowa. | 538 | 2,588 | 3,976 | 9,402 | 2,973 | 12,511 | 20, 244 | 7,733 |
| Kansas. | 452 | 1,307 | 1,594 | 3,074 | 1,732 | 6,458 | 10, 100 | 3,642 |
| Kentucky | 242 | 1,030 | 1,292 | 3,223 | 908 | 5,425 | 7,850 | 2,431 |
| Louisian | 309 | 2,088 | 1,835 | 3,774 | 1,642 | 8,132 | 12, 673 | 4,541 |
| Maine. | 180 | 809 | 690 | 2,516 | 835 | 3,984 | 7,093 | 3,109 |
| Marylane | 424 | 2,381 | 2,356 | 7,645 | 2,367 | 12,898 | 20, 494 | 7,596 |
| Massachuş | 1,309 | 8,583 | 7,712 | 20, 653 | 9,336 | 40,587 | 66, 017 | 25,430 |
| Michigan. | 044 | 5,088 | 6,439 | 17,085 | 5,805 | 28,116 | 44,924 | 18,808 |
| Minnosota. | 120 | 2,975 | 3,234 | 8,982 | 2, 593 | 14,006 | 22,816 | 8,810 |

1 Includes: Alabama, 4 establishments; District of Columbia, 1; Florida, 1; Georgia, 4; Kansas, 1; Montana, 2; Tennessee, 2; Utah, 2; Vermont, 1; Virginia, 2.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES,

| year and | $\begin{array}{\|l\|} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{array}$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manu- facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sed in thou | sands. |  |

BREAD AND OTHER BAKERY PRODUCTS-Coutinuod.

| States, 1019-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mississippi | 82 | 295 | 662 | \$709 | \$249 | \$1,450 | \$2,189 | \$739 |
| Missouri. | 975 | 6,156 | 6,730 | 17,894 | 6,093 | 26, 356 | 43,839 | 17,483 |
| Montana | 119 | 384 | 488 | 1,484 | 437 | 1,935 | 3,124 | -1,189 |
| Nebraska | 324 | 1,624 | 2,060 | 5,488 | 1,542 | 7,623 | 13,313 | 5,690 |
| Nevada. | 17 | 38 | 70 | 76 | 48 | 159 | 274 | 115 |
| New Hampshire. | 127 | 471 | 488 | 1,010 | 502 | 2,848 | 4,070 | 1,222 |
| New Jersey . . . . | 1,263 | 5,911 | 13,307 | 25, 807 | 8,440 | 36,912 | 55,763 | 18,851 |
| New Mexico | 40 | 116 | 94 | 205 | , 123 | 401 | 788 | - 207 |
| New York. | 3,897 | 28,541 | 20,141 | 90,115 | 35, 801 | 137, 171 | 233,207 | 96,036 |
| North Carolina | 70 | 385 | 415 | 784 | 394 | 1,661 | 2,572 | 9,911 |
| North Dakota. | 68 | 242 | 328 | 843 | 223 | 1,213 | 1,950 | 737 |
| Ohio. | 1,621 | 9,091 | 12,582 | 57,719 | 0,906 | 49,956 | 78,819 | 28,863 |
| Oklahoma | . 288 | 993 | 1,265 | 3,027 | 986 | 5,040 | 8,128 | 3,088 |
| Oregon. | 146 | 1,076 | 1,125 | 2,987 | 1,143 | 5,709 | 0,031 | 3,322 |
| Pennsylvania | 2,651 | 16,410 | 20,011 | 88,768 | 17,352 | 83, 474 | 132,881 | 4, 402 |
| Rhode Island. | 248 | 1,166 | 1,155 | 2,762 | 1,315 | 6,138 | 0,883 | 3,745 |
| South Carolina | 60 | ${ }^{1} 432$ | - 479 | 1,102 | -371 | 2,003 | 3,282 | 1,189 |
| South Dakota. | 120 | 456 | 619 | 1,694 | 433 | 2,231 | 3,582 | 1,351 |
| Tennessee. | 135 | 1,325 | 1,257 | 2,539 | 1,008 | 4,905 | 8,445 | 3,480 |
| Texas... | 610 | 2,752 | 2,792 | 8,068 | 2,502 | 12,700 | 20, 154 | 7,454 |
| Utah. | 97 | 485 | 4.85 | 1,510 | 436 | 2,134 | 3,357 | 1,223 |
| Vermont | 71 | 289 | 333 | 782 | 273 | 1,745 | 2,533 | 1.788 |
| Virginia. | 125 | 1,262 | 1,514 | 3,753 | 1,233 | 7,019 | 11,002 | 3,983 |
| Washington. | 364 | 1,743 | 1,726 | 4,565 | 2,930 | 0,237 | 15,043 | 5,806 |
| West Virginia | 146 | 707 | 1,557 | 3,102 | 835 | 4,775 | 6,879 | 2,104 |
| Wisconsin.. | 742 | 2,546 | 2,347 | 8,652 | 2,512 | 12,906 | 20), 130 | 7,184 |
| Wyoming..................... | 61 | 103 | 105 | 305 | 127 | 685 | 1,074: | 380 |

BRICK AND TILE, TERRA-COTIA, AND FIREMCAY PRODUCTS,

| Unitcd States. |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

TABLE £25.-SUMMARY TOR TNDUSTRIES: COMPARATTVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{gathered} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{gathered}$ | Wage (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

BRICK AND TILE, TERRA-COTTA, AND FIRE-CLAY PRODUCTS-Continued.

| States, 1919-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Oklahoma. | 22 | 628 | 4,452 | \$1,906 | \$581 | \$643 | \$1,679 | \$1,036 |
| Oregon. | 23 | 152 | 1,166 | 1,035 | 165 | 92 | ${ }^{386}$ | ${ }^{1} 294$ |
| Pennsylvania. | 303 | 15, 897 | 69, 211 | 74, 251 | 16, 155 | 16,512 | 43,842 | 27, 330 |
| South Carolina | 23 | 566 | 2, 107 | 1,655 | 387 | 457 | 1,156 | ${ }^{27} 69$ |
| South Dakota. | 3 | 23 | 244 | 127 | 23 | 21 | 1,64 | 43 |
| Tennessee. | 46 | 1,265 | 4,377 | 3,246 | 983 | 882 | 2,783 | 1,901 |
| Texas. | 58 | 1,063 | 9,093 | 6,683 | 1,330 | 1,334 | 4,167 | 2, 833 |
| Utah. | 21 | 440 | 1,467 | 2,135 | 416 | 244 | 1,144 | . 900 |
| Virginia..... | 45 35 | 1,331 | 3,967 | 2,580 | 1,085 | 850 | 2,738 | 1,888 |
| Westinftrginia. | 35 36 | 1,664 1,032 | 5,201 | 4,650 4,267 | 1889 1,053 | 5555 | 1,783 2,316 | 1,228 1,531 |
| Wisconsin..... | 50 | ${ }^{1} 414$ | 3,807 | 1,805 | 1,023 | 780 390 | 1,241 | 1,531 |
| Wyoming. | 10 | 48 | ${ }^{3} 644$ | ${ }^{1} 227$ | ${ }^{3} 7$ | 49 | 1,241 | 851 |
| All other states ${ }^{\text {a }}$ | 10 | 139 | 1,172 | 1,037 | 124 | 86 | 312 | $\stackrel{128}{128}$ |

BROOMS. ${ }^{2}$

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1019......... | 1,034 | 6,313 | 6,062 | \$16,708 | \$51,709 | \$17,365 | \$30,205 | \$12, 840 |
|  |  | 5, 199 |  | 8,700 | 2, 624 | 7,884 | 14,085 | 6, 201 |
| 1869. | 635 | 5,200 | ${ }^{3} 200$ | 2,016 | 1, 269 | \%, 672 | 14, 332 | 6,041 |
| 1859. | 228 | 1,184 |  | 506 | 288 | ${ }^{874}$ | 1,428 | 2, 595 |
| 1849. | 303 | 1,184 |  | 315 | 266 | 529 | , 941 | 412 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 8 | 64 | 51 | 84 | 57 | 171 | 279 | 108 |
| Arkansas. | 13 | 51 | 44 | 88 | 40 | 131 | 215 | 84 |
| California | 23 | 1.51 | 102 | 299 | 167 | 460 | 768 | 308 |
| Colorado. | 14 | 89 | 58 | 187 | 05 | 201 | 360 | 159 |
| Comnecticut | 4 | 10 | 9 | 32 | 6 | 31 | 44 | 13 |
| Florida. | 10 | 59 | 83 | 130 | 80 | 68 | 157 | 89 |
| Georgia. | 11 | 102 | 45 | 220 | 64 | 268 | 394 | 126 |
| Illinols. | 82 | 002 | 554 | 1,916 | 721 | 1,973 | 3,423 | 1,450 |
| Indiana | 61 | 452 | 541 | 1,106 | 307 | 863 | 1,922 | 1; 059 |
| Iowa. | 44 | 198 | 203 | 742 | 181 | 545 | 1,052 | 507 |
| Kansas. | 46 | 149 | 175 | 537 | 136 | 582 | 720 | 338 |
| Kentucky. | 36 | 170 | 186 | 545 | 149 | 711 | 1,277 | 566 |
| Louisiana. | 12 | 188 | 96 | 277 | 101 | 261 | 468 | 207 |
| Maine. | 4 | 7 | 7 | 28 | 6 | 27 | 49 | 1. 22 |
| Maryland. | 23 | 284 | 110 | 479 | 180 | 618 | 855 | 237 |
| Massachusett | 25 | 107 | 132 | 383 | 95 | 369 | 581 | 212 |
| Michigan.. | 21 | 84 | 89 | 239 | 74 | 299 | 488 | 189 |
| Minnesola | 28 | 103 | 106 | 279 | 119 | 317 | - 563 | 246 |
| Mississippi | 7 | 20 | 27 | 19 | 17 | 36 | - 75 | 39 |
| Missouri. | 63 | 295 | 205 | 385 | 239 | 603 | 1,021 | 418 |
| Nebraska. | 10 | 205 | 204 | 734 | 168 | 493 | 945 | 452 |
| New Hampsh | 4 | ${ }^{6}$ | 6 | 11 | 5 | 8 | 13 | 5 |
| Now Jersey. | 11 | 138 | 83 | 220 | 128 | 371 | 588 | 217 |
| New Y ork. | 67 | 080 | 865 | 2, 001 | 1,006 | 2,700 | 4, 680 | 1,980 |
| North Carolin | 10 | 03 | 39 | 147 | 54 | 150 | 278 | 128 |
| Ohio... | 79 | 341 | 352 | 858 | 313 | 935 | 1,706 | 771 |
| Oklahoma. | 32 | 110 | 96 | 244 | 116 | 346 | 696 | 350 |
| Oregon. | 7 | 84 | 108 | 208 | 72 | 294 | 412 | 118 |
| Pennsylvania. | 110 | 547 | 721 | 1,801 | 531 | 1,535 | 2, 639 | 1, 104 |
| Rhode Istand. | 7 | 13 | 24 | 20 | 21 | 60 | 101 | 41 |
| Tenness | 30 | 02 | 50 | 119 | 52 | 200 | 293 | 93 |
| Texas.. | 45 | 225 | 228 | 543 | 199 | 733 | 1,247 | 514 |
| Virginia. | 20 | 70 | 61. | 100 | 55 | 185 | 315 | 130 |
| Washington | 0 | 69 | 102 | 238 | 50 | 208 | 316 | 108 |
| West Virginia | 13 | 12 | 90 | 200 | 9 | 204 | 356 | 92 |
| Wisconsin.... | 25 | 121 | 74 | 812 | 126 | 380 | 624 | 244 |
| All other states | 17 | 47 | 75 | 24.1 | 44 | 169 | 285 | -116 |

[^11]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage earners (average nump ber). | Primany horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | ssed in thou | usands. |  |

BRUSHES. ${ }^{1}$

| United States. |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

BUTTER.


[^12]TABLE 225.-SUMMARY TOR TNDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \end{aligned}$ | Wage oarners (average num- | Primary horsepower. | Capital. | Wages. | $\left\lvert\, \begin{gathered} \text { Cost of } \\ \text { materials. } \end{gathered}\right.$ | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |
| BUTTER-Continued. |  |  |  |  |  |  |  |  |
| States, 1919-Continued. |  |  |  |  |  |  |  |  |
| Pennsylvanin.............. | 180 | 357 | 3,314 | \$2, 594 | \$335 | \$8, 3116 | \$9,718 ${ }^{130}$ | \$1, 385 |
| Rhode South Dakota................. | 80 | 223 | 1,502 | 1,366 | 296 | 9,439 | 10, 806 | 1,367 |
| Tennessee..................... | 10 | 50 | 165 | ${ }^{2} 208$ | 49 | 1,892 | 1,972 | 180 |
| Texas........................ | 31 | 200 | 953 | 1,815 | 202 | 5, 966 | 7,161 | 1,195 |
| Utah...... | 17 | 116 | 397 | 852 | 126 | 2,357 | 2, 699 | 342 |
| Vermont. | 92 | 293 | 1,729 | 1,698 | 277 | 8,891 | 10, 194 | 1,303 |
| Virginia..-... | 20 | 91 | 440 | , 408 | 79 | 1,105 | 1,535 | 430 |
| Washington... | 101 | $\begin{array}{r}475 \\ 20 \\ \hline\end{array}$ | 2, 8771 | 3, 9583 | 589 15 | 10,731 | 12, 999 | 2, 260 |
| West Virgmia.................. | 498 | 1,317 | 8,675 | 19,011 | 1,449 | 52, 346 | 56, 642 | 4, 296 |
| Wyoming. | 13 | 35 | 234 | 288 | 54 | 789 | 949 | 160 |
| All other states ${ }^{\text {a }}$. . . . . . . ${ }^{\text {a }}$. | 5 | 0 | 49 | 63 | 12 | 98 | 139 | 41 |

BUTTER, REWORKING.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919 2.. | 5 | 47 | 343 | \$003 | \$56 | \$2,006 | \$2, 229 | \$223 |
| 1914... | 17 | 304 | 1,349 | 1,397 | 200 | 5, 059 | 5, 869 | 810 |
| 1909.. | 24 | 295 | 1,471 | 3,543 | 186 | 7,424 | 8,201 | 777 |
| 1904. | 35 | 401 | 1,684 | 1,719 | 252 |  |  | 1,024 |
| 1899. | 10 | 148 | 631 | 256 | 68 | 1,345 | 2,115 | 770 |

BUTTONS.

| 1919 | 557 | 15, 577 | 10, $201{ }^{\text {a }}$ | - \$29,978 | \$13,773 | \$16,745 | \$41,840 | \$25, 095 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. | 517 | 14, 511 | 14, 398 | 19,075 | 6, 424 | 8,702 | 20,712 | 12,010 |
| 1909 | 444 | 16, 427 | 12, 831 | 15, 640 | 6,789 | 9,541 | 22,708 | 13, 167 |
| 1904. | 275 | 10,567 | 6,982 | 7,784 | 3,680 | 4, 144 | 11, 134 | 6,990 |
| 1890. | 288 | 8,085 | 4,165 | 4,213 | 2,826 | 2, 803 | 7,090 | 4,883 |
| 1889 | 106 | 3,881 | 1,680 | 3,089 | 1,411 | 1,552 | 4,217 | 2, 665 |
| 1879. | 124 | 5,825 |  | 2,013 | 1,645 | 1,793 | 4,450 | 2,657 |
| 1869 | 64 | 1,912 | 597 | 1,014 | ${ }_{280}$ | $\begin{array}{r}751 \\ +358 \\ \hline\end{array}$ | 1,779 | 1, 028 |
| 1859. | 43 | 1,101 |  | 559 393 | ${ }_{225}^{260}$ | 358 325 | -949 96 | ${ }_{699}^{591}$ |
| 1849................. | 09 |  |  |  |  |  |  |  |
| California. | 7 | 34 | 23 | 81 | 27 | 16 | 66 | 50 |
| Connecticut | 16 | 768 | 1,154 | 2,128 | 654 | 084 | 1,955 | 1,291 |
| Illinois... | 33 | 452 | 393 | 005 | 357 | 397 | 1,031 | ${ }^{634}$ |
| Indiana. | 14 | 261 | 267 | 257 | 170 | 172 | 408 | 236 |
| Towa... | 77 | 2,001. | 2,340 | 4,795 | 1,519 | 2,477 | 5, 1016 | 3, 130 |
| Kentucky.. | ${ }^{5}$ |  |  |  |  | 83 | 106 1,018 | 756 |
| Massachusetts. | 17. | 385 | 482 | 781 | 34 | $\begin{array}{r}262 \\ 37 \\ \hline\end{array}$ | 1,018 | ${ }^{156}$ |
| Minnesota. | 9 | 284 | 288 | 810 | 178 | 103 | 395 | 282 |
| Missouri. | 70 | 2,570 | 2,528 | 3,034 | 2,402 | 3,000 | 7, 022 | 4,022 |
| New York. | 243 | 6, 568 | 6,202 | 11,487 | 5,349 | 7,482 | 18, 698 | 11, 2116 |
| Ohlo... | 6 | 114 | 93 | 182 |  | 75 | 192 | 117 |
| Pennsylvania | 24 | 807 | 789 | 1,554 | 1,613 | 062 48 | 2,318 | 1,350 |
| Rhode Island. | 3 |  | 32 |  | 17 | 48 | 104 | 11 |
| Washington.... All other states | 23 | 1,10. 5 | 1,411 | 3,658 | 087 | 903 | 2,718 | 1, 815 |

[^13]TABLE 225.-SUMMARY FOR TNDUSTRIES: COMPARATIVE FOR TEE UNITED STATES, BY STATES FOR 1919-Continued.

| : year and state. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value <br> added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |
| CANDLES. |  |  |  |  |  |  |  |  |
| United States. |  |  |  |  |  |  |  |  |
| 1919. | 19 | 541 | 597 | \$4, 033 | \$488 | \$2, 179 | \$3,351 |  |
| 1914. | 15 | 387 | 439 | 2,280 | 184 | 1,119 | 1,731 | +1,172 |
| 1909. | 16 | 539 | 799 | 2,959 | 246 | 2,176 | 3,130 | -954 |
| 1904 | 17 | 816 | 931 | 3,004 | 294 | 2,911 | 3, 889 | 978 <br> 98 |
| States, 1919 |  |  |  |  |  |  |  |  |
| New York. ..... | 15 | 513 | 515 | 3, 948 | 417 | 2,024 | 3,135 | 1,111 |
| All other states ${ }^{\text {a }}$. | 4 | 28 | 82 | 85 | 21 | 155 | 216 | 1, 61 |

CANNING AND PRESERVING, FISH.


CANNING AND PRESERVING, FRUITS AND VEGETABLES.

| United States. |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

[^14] lina, 2 ; Ohio, 1 .

TABLE 225.-SUMMARY TOR INDUSTRIES: COMPARATIVE FOR TEE UNITED STATES, BY STATES FOR 1919-Continued.

| gear and state. | Number of estab-lishments | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

CANNING AND PRESERVING, FRUITS AND VEGETABLES-Continued.


CANNING AND PRESERVING, OTSTERS.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 65 | 1,180 | 1,025 | \$2, 972 | \$469 | \$1,583 | $\begin{array}{r}\$ 2,976 \\ 2,238 \\ \hline\end{array}$ | \$1,393 |
| 1914. | 65 70 | 2, 2087 | 1,895 | 2,077 3,047 | 424 <br> 474 | 1, 1,571 | $\stackrel{2}{2,238}$ | 1,243 |
| 1909 | 70 | 2, 666 | 1, 123 | 3,647 2,600 | 474 | 2,591 |  | 1,395 |
| 1904. | 69 <br> 23 <br> 10 | 3,291 <br> 1,335 | 1,232 | 2, 600 | 250 | 2,691 | 1,253 | 1,395 |
| 1899. 1889. | 23 16 | 1,335 3,453 | 922 838 | 1,107 | 043 | 2,089 | 3,201 | 1,172 |
| States, 1019. |  |  |  |  |  |  |  |  |
| Georgia. | 8 | 62 | 30 | 53 | 20 | 27 | 73 | 46 |
| Louisiana | 3 | 42 | 40 | 97 | 23 | $\begin{array}{r}73 \\ 100 \\ \hline\end{array}$ | 111 | 61 |
| Maine... | 13 | 69 | 180 | 162 | 38 | 100 | 1610 | 338 |
| Maryland. | 5 | 47 | 27 | 468 | ${ }^{28}$ | 481 | 797 | 306 |
| Mississippl. | 6 | 30 | 109 | 40 50 | 85 | 106 | 192 | 86 |
| South Carolina. | 9 | 376 | 271 | 262 | 119 | 201 | 421 | 220 |
| Washington... | 14 | 107 | 175 | 336 | 70 | 177 | 318 | 141 |
| All other states ${ }^{2}$ | 5 | 55 | 72 | 1,408 | 31 | 166 | 268 | 97 |

[^15]TABLE 225.-SUMMARY FOR TNDUSTRIES: COMPARATIVE FOR THE UNITED STATES,

| Year and stite. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Vaino added by mannfacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sed in thou | sands. |  |

CARD CUTTING AND DESIGNING.

| United States. |  |  |  |  |  |  |  | . |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 75 | 1,148 | 743 | \$2,298 | $\$ 959$ | \$2,298 | \$5,323 | \$3, 025 |
| 1914. | 58 | 517 | 449 | 706 | 265 | 421 | 1,055 | ${ }^{3} 34$ |
| 1909. | 88 | 525 | 209 | 084 | 238 | 374 | 1,031 | 657 |
| 1904. | 60 | 696 | 222 | 488 | 201 | 478 | 1,083 | 605 |
| 1899. | 43 | 325 | 219 | 338 | 135 | 313 | 618 | 305 |
| 1889. | 26 | 180 | 15 | 90 | 77 | 88 | 243 | 155 |
| 1879. | 9 | 64 |  | 14 | 18 | 16 | 52 | 36 |
| 1869. | 13 | 377 | 117 | 365 | 150 | 422 | 754 | 332 |
| 1859. | 5 | 184 | ....... | 135 | 50 | 116 | 486 | 370 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Illinois.. | 5 | 171 | 48 | 200 | 121 | 102 | 495 | 333 |
| Massachusetts. | 6 | 8 | 15 | 35 | 7 | 21 | 45 | 24 |
| New Jersey - | 5 | 22 | 7 | 110 | 33 | 93 | 192 | 99 |
| New York. | 28 | 406 | 273 | 869 | 301 | 803 | 1,576 | 773 |
| Ohio.. | 4 | 203 | 112 | 322 | 170 | - 259 | , 850 | 591 |
| Pennsylvania. | 17 | 147 | 185 | 314 | 120 | 254 | 544 | 290 |
| Rhode Island. | 5 | 117 | 16 | 127 | 76 | 149 | 332 | 183 |
| All other states ${ }^{1}$. | 5 | 74 | 87 | 321 | 71 | 557 | 1,280 | 732 |

CARDBOARD, NOT MADE IN PAPER MILLS.


CARPETS AND RUGS, OTHER THAN RAG.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 75 | 22,933 | 38,170 | \$119, 190 | \$24,216 | \$67, 118 | \$128,254 | \$56,136 |
| 1914 | 97 | 31, 309 | 43,963 | 85, 154 | 14, 716 | 12, 280 | 69, 128 | 20, 848 |
| 1909. | 139 | 33, 307 | 38,553 | 75, 027 | 15,536 | 39, 5138 | 71, 188 | 31, 225 |
| 1904 | 139 | 33, 221 | 33,945 | 56, 781 | 13, 724 | 37, 948 | 81, 588 | 23, 688 |
| 1899 | - 133 | 28, 411 | 26,740 | 44, 449 | 11, 121 | 27, 220 | 48, 192 | 20,963 |
| 1889 | 173 | 28, 736 | 22, 684 | 38, 209 | 11, 122 | 28, 015 | 47,770 | 19, 125 |
| 1879 | 195 | 20,371 | 10, 4191 | 21, 409 | 6, 835 | 18, 1885 | 31,793 | 12, 808 |
| 1869. | 215 | 12, 098 | 3,710 | 12,541 | 4,682 | 13,578 | 21,762 | 8,184 |
| 1859. | 213 | 6,081 |  | 4, 722 |  | 4,418 | 7,858 | 3,440 |
| 1849. | 116 | 6,186 |  | 3,853 | 1, 247 | 3,070 | 8, 403 | 2, 327 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Massachusetts. | 10 | 3,134 | 6,132 | 14,435 | 3,145 | 8,021. | 13,504 |  |
| New York. | 10 | 9,073 | 15,281 | 44, 402 | 10,083 | 23, 430 | 48,718 | 25,279 |
| Pennsylvania... | 48 | 7,620 | 12, 446 | 43, 806 | 7,977 | 27, 632 | 17, 480 | 10,948 |
| All other states ${ }^{\text {a }}$... | 7 | 3,100 | 4,311 | 1.16, 403 | 3,011 | 8,120 | 13,462 | 5,836 |

[^16]TABLE 225.-SUMMARY FOR INDUSTRIFS: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1910-Continued.

| year and state. | Number of estab-lishments. | Wage oarners. (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

CARPETS RAG.


CARRIAGE AND WAGON MATERIALS.


[^17] 2; Rhode Island, 2; South Dakota, 1; Wost Virginia, 1.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR TEE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. |
| :---: |

CARRIAGE AND WAGON MATERTALS-Continued.

| States, 1919-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pennsylvania. | 19 | 176 | 577 | \$51,9 | \$150 | \$430 | \$703 | \$273 |
| Rhode Island | 3 | 6 | 19 | 33 | 8 | 7 | 20 | 18 |
| Tennessee. | 19 | 1,067 | 4,517 | 2,048 | 876 | 2,322 | 4, 113 | 1,791 |
| Wisconsin. | 6 | 44 | ${ }^{322}$ | 81 | 36 | . 72 | 140 | 1,68 |
| All other states ${ }^{1}$. | 39 | 555 | 1,751 | 1,654 | 498 | 1,377, | 2,364 | 987 |

CARRIAGES AND SLEDS, CHILDREN'S.


CARRIAGES AND WAGONS, INCLUDING REPAIRS.

| 1910 United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919...... | 2,286 | 18,173 | 40, 966 | \$78, 953 | \$19,393 | \$48, 362 | \$01,403 | \$43, 101 |
|  | 4, 601 | 41, 304 | 74, 334 | 150, 798 | 26, 498 | [52, 173 | 106,097 | 54, 524 |
| 1909 | 4,870 | 52, 540 | 78,785 | 143, 231 | 29, 621 | 63, 890 | 125, 367 | 61, 477 |
| 1899 | 4, 956 6, 204 | 60,722 58,425 | 63,024 51 | 126,321 | 30, 878 | 61, 215 | 121, 333 | 64,118 |
| 1889 | 4, 772 | 56, 525 | 31, 385 | 109,876 93 | -27, 28,978 | 63,724 46,023 | 113, 235 | 59,511 |
| 1879. | 3, 841 | 45, 394 | 10, 813 | 87, 973 | 18, 989 | 30, 507 | 102,080 64,952 | 56,657 34,355 |
| 1869 | 11, 847 | 54, 928 | 8,820 | 36, 563 | 21, 273 | 22, 787 | 65, 303 | 42,576 |
| 1859 | 7, 282 | 37, 102 |  | 18, 724 | 13, 418 | 11, 898 | 35, 553 | 23, 655 |
| 1349 | 1, 822 | 14, 040 |  | 4,974 | 4; 200 | 3.056 | 11,074 | 7,118 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 38 | 281 | 697 | 1,128 | 277 |  |  |  |
| California. | 29 | 112 | 336 | , 417 | 1.46 | ${ }_{217}$ | 488 | 513 |
| Colorado. | 6 | 33 | 65 | 54 | 46 | 4 | 109 | 84 |
| Connecticu | 49 | 145 | 356 | 305 | 154 | 227 | 520 | 293 |
| Delaware. | 5 | 15 | 29 | 101 | 21 | 23 | 72 | 49 |
| Florida. | 13 | 57 | 98 | 158 | 70 | 69 | 160 | 97 |
| Georgia | 66 | 683 | 010 | 1,797 | 702 | 2,082 | 3,544 | 1,462 |
| Illinois. | 99 | 2,303 | 6, 350 | 14,486 | 2,859 | 7,109 | 12,997 | 5,888 |
| Indiana | 79 |  | 2, 809 |  | 1., 352 | 6,397 | 9,209 | 2, 872 |
| Iowa... | 60 10 | 399 8 | $\begin{array}{r}1,251 \\ \hline 13\end{array}$ | 2, 182 | ${ }^{333} 11$ | 64.1 20 | 1,544. | $\begin{array}{r}908 \\ \hline 84\end{array}$ |

[^18]TABLE 225.-SUMMARY FOR TNDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments | $\begin{gathered} \text { Wage } \\ \text { earners } \\ \text { (average } \\ \text { num- } \\ \text { ber). } \end{gathered}$ | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manu- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

CARRIAGES AND WAGONS, INCLUDING REPAIRS-Continuod.

| States, 1919-Continuerl. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Kentucky. | 52 | 1,456 | 3,610 | \$7,230 | \$1,420 | \$5,119 | 88,751 | \$3,632 |
| Louisiana.................... | 21 | 144 | 282 | 336 | 134 | 178 | 414 | 236 |
| Maine. | 58 | 131. | 491 | 563 | 149 | 584 | 902 | 318 |
| Maryland. | 42 | 142 | 209 | 310 | 163 | 179 | ${ }^{455}$ | 276 |
| Massachuset | 43 | d16 | 552 | 870 | 465 <br> 252 | ${ }_{436}$ | 1,323 | 802 |
| Michigen... | 67 | 665 | 1,501 | 2,846 |  |  |  | 1,470 |
| Minnesoth.- | 14 | 187 | 1,534 | 2,814 | 648 <br> 172 | 1,500 | 2,970 | 1,457 |
| Mississippi | 113 | 885 | 1,528 | 3,431 | 931 | 2,464 | 4,446 | 1,982 |
| Montana. | 4 | 7 | 27 | 69 | 10 | 34 | 65 | 31 |
| Nebraska. | 9 | 8 | 68 | 31 | 9 | 10 | 35 | 25 |
| New Hampshire | 10 | 76 | 360 | 197 | 60 | 60 | 192 | 132 |
| New Jersey. . | 118 | 322 | 632 | 1,253 | 407 | 580 | 1,402 | 822 |
| New Mexico | 4 | 6 | 21 | 15 | 11 | 10 | 31 | 21 |
| New York.................. | 250 | 928 | 2,475 | 4,787 | 989 | 1,704 | 3,878 | 2,174 |
| North Carolina | 101 | 1,221 | 2,418 | 4,981 | 1,096 | 3,314 | 5,993 | 2,679 |
| North Dakota. | 119 | 004 | 1,928 | 3,819 | 1,073 | 230 | 5,014 | 2,621 |
| Oklahoma | 11 | 16 | - 08 | ${ }^{3} 40$ | 17 | ${ }^{2} 13$ | , 46 | 33 |
| Oregon.. | 4 | 17 | 32 | 23 | 24 | 81 | 77 | 46 |
| Pennsylvania. | 337 | 1,3888 | 2,704 | 4,437 | 1,577 | 1,911 | 4,830 | 2,919 |
| Rhode Island. | 25 | 68 | 211 | 133 | 71 | 60 | 188 | 128 |
| South Carolina. | 19 | 63 | 112 | 132 | 74 | 76 | 183 | 107 |
| South Dakot | 31 | 35 | 176 | 188 | 49 | 90 | 214 | 124 |
| Tennessoo. | 47 | 508 | 1,117 | 1,050 | 520 | 1,448 | 2, 021 | 1,129 |
| Texas... | 15 | 98 | 96 | 205 | 93 10 | 107 |  |  |
| Utah.. | 3 | 16 | 28 | 65 | 19 | 17 | 131 | 8 |
| Vermont.................... | 23 | 76 |  | 2,726 | 741 | 2,215 | 4,054 | 1,839 |
|  | 68 13 | 77 20 | 1,042 | 2,726 | $\begin{array}{r}74 \\ 34 \\ \hline\end{array}$ | 2,215 | $\begin{array}{r}4,054 \\ \hline 100\end{array}$ | $\begin{array}{r}1,839 \\ \hline 66\end{array}$ |
| West Vfrginia................. | 36 | 137 | 479 | 450 | 151 | 320 | 626 | 306 |
| Wisconsiin................... | 1.18 | 1,454 | 3,653 | 7,406 | 1,750 | 4, 435 | 9,316 | 4,881 |
| All other states ${ }^{1}$ | 14 | 258 | 694 | 1,422 | 272 | 789 | 1,236 | 447 |

CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY ELECTRIC-RAILROAD COMPANIES.

| 1919 | 024 | 31,272 | 53,830 | \$82, 558 | \$39,073 | \$32,025 | \$75, 211 | \$43,186 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914 | 049 | 26, 884 | 4,980 | 63, 614 | 18,645 | 17, 010 | 38, 577 | 20,967 |
| 1909. | 541 | 22, 418 | 35, 794 | 38,899 | 14,486 | 15, 168 | 31, 963 | 16,795 |
| 1904 | 86 | 11, 052 | 3,154 | 12,906 | 7,013 | 5,463 | 13,437 | 7,974 |
| 1809. | 108 | 7,025 | 6, 443 | 10,782 | 4, 405 | 4, 337 | 9,371 | 5,034 |
| 1880. | 78 | 2,000 | 1,858 | 2,351 | 1,421 | 1,155 | 2,066 | 1,811 |
| 4: States, 1910. |  |  |  |  |  |  |  |  |
| Alabama. | 6 | 104 | 651. | 1,124 | 251 | 241 | 515 | 274 |
| California. | 22 | 1,781 | 4, 307 | 3,784 | 2,067 | 1, 816 | 4,058 | 2,254 |
| colorado. | 6 | 197 | + 301 | - 714 |  | 210 |  |  |
| Conneeticut | 22 | 454 | 1,321 | 1,919 | 522 104 | 503 50 | 1, 063 | 560 117 |
| Tlorida. | 5 | 289 | 138 170 | 548 770 | ${ }_{205}^{104}$ | 290 | 462 | 236 |
| Georgia. | ${ }_{8}^{9}$ | 218 | 170 | 51 | 20 22 | 220 | 58 | 29 |
| mlinois. | 40 | 3,151 | 6,305 | 14,391 | 4,309 | 2,707 | 7,478 | 4, 681 |
| Indiana. | 30 | 077 | 2, 054 | 1,771 | 1,005 | 849 | 1, 971 | 1,112 |
| Iowa. | 15 | 328 | 588 | 842 | 402 | 312 | 770 | 458 |
| Kansas. | 11 | 102 | 827 | 292 | 182 | 145 | 3360 | ${ }_{251}^{215}$ |
| Kentucky | 7 | 190 | 251 | 735 | 216 | ${ }_{44}^{213}$ | 464 1,066 | 620 |
| Louislana. | 17 | 417 | 396 149 | 684 569 | 568 178 | 446 1.92 | 1,060 403 | 620 |
| Maine. | 11 | 1.51 | 69.14 | 689 1,222 | 1,176 | 1946 | 1,904 | 1,258 |
| Massachusel | 30 | 1,846 | 2,790 | 2, 856 | 2,446 | 1,757 | 4,505 | 2,748 |
| Michigan. | 15 | 1,401 | 849 | 3, 139 | 2,088 | 1,625 | 3,128 | 2,203 |
| Minnesota...... | 8 | 436 | 1,285 | 2,028 | 549 | 440 | 1,065 | 625 |

a Includes: Arkansas, 11 establishments; Wyoming, 3.

TABLE 225.-SUMMARY FOR INDUSTRTES; COMPARATIVE FOR THE UNITED STATES,

| year and state. | $\begin{gathered} \text { Num- } \\ \text { ber of } \\ \text { ostab- } \\ \text { lish- } \\ \text { ments. } \end{gathered}$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY ELECTRIC-RAILROAD COMPANIES-Continued.

| States, 1910-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mississippi. | 5 | 16 | 48 | $\$ 39$ | 819 | \$15 | \$10 |  |
| Missouri. | 8 | 1,162 | 510 | 2,181 | 1,407 | 1,234, | 2,710 | 1,485 |
| Montana. | 5 | 50 | 153 | 434 | 54 | 51 | 122 | , 71 |
| New Hampshire | 7 | 76 | 76 | 244 | 98 | 81 | 189 | 108 |
| New Jersey. | 15 | 1,333 | 3,887 | 3,094 | 1,755 | 1,578 | - 3,480 | 1,911 |
| New York | 53 | 5, 656 | 7,276 | 14,256 | 7,231 | 6,363 | - 14, 369 | 8,000 |
| Ohio.... | 60 10 | 1,903 138 | 2,545 | 4,943 | 2,270 | 2,117 | 4,725 | 2,608 |
| Oregon. | 4 | 230 | 728 | 631 | 328 | 219 | 313 578 | 201 |
| Pennsylvania | 80 | 4, 1.22 | 5,199 | 8, 140 | 4,673 | 3,116 | 8,306 | 359 5,190 |
| Rhode Island. | 4 | ${ }^{235}$ | 520 | , 759 | ${ }^{3} 23$ | -350 | 8704 | - +190 |
| Tennessee. | 5 | 280 | 1,478 | 923 | 297 | 286 | 600 | 354 404 |
| Texas. | 18 | 567 | 1,713 | 1,204 | 494 | 378 | 925 | 547 |
| Utah.. | 7 | 152 | 1,025 | 555 | 190 | 106 | 313 | 207 |
| Vermont | 7 | 29 | 244 | 80 | 26 | 42 | 82 | 40 |
| Virginia. | 10 | 407 | 638 | 629 | 385 | 301 | 831 | 470 |
| Washington... | 16 | 679 | 1,390 | 1,536 | 940 | 579 | 1,580 | 1,001 |
| West virginia. | 13 | 195 | ${ }^{3} 331$ | 453 | 217 | 141 | , 396 | +255 |
| Wisconsin..... | 17 | 579 | 1,956 | 2,061 | 791 | 1,706 | 2, 623 | 917 |
| All other states 1 | 23 | 605 | 906 | 2,416 | 779 | 690 | 1,596 | 906 |

CARS AND GENERAL SHOP CONSTRUGTION AND REPAIRS BY STEAM-RAILROAD COMPANIES.

${ }^{1}$ Includes: Arizona, 2 establishments; Arkansas, 3; Delaware, 1; District of Columbia, 2; Nobraska, 4; Nevada, 1; North Carolina, 3; North Dakota, 2; South Carolina, 2; South Dakota, 2 ; Wyoming, 1 .

TABIE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| YeAR AND STATE. | Number of estab-lishmonts. | $\begin{aligned} & \text { Wage } \\ & \text { earners } \\ & \text { (average } \\ & \text { num- } \\ & \text { ber). } \end{aligned}$ | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value <br> added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

CARS AND GENFRAL SHOP CONSTRUCTION AND REPAIRS BY STEAM-RAILROAD
COMPPANIES-Continued.

| States, 1919-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ohio. | 117 | 35, 245 | 50, 650 | \$42,582 | \$50,694 | \$39,590 | \$96, 484 | 856, 894 |
| Oklahoma | 12 | 2, 087 | 2,130 | 1,672 | 3,778 | 2,055 | 6,149 | 4,094 |
| Oregon. | 21 | 2,751 | 2,938 | 3, 858 | 3, 664 | 2, 454 | 6,473 | 4,019 |
| Pennsylvania | 195 | 78,749 | 90,678 | 108, 689 | 115, 028 | 103, 164 | 231,534 | 128, 370 |
| Rhode Island. | 4 | , 351 | - 445 | -194 | . 516 | 190 | . 713 | -523 |
| South Carolina | 8 | 1,911 | 713 | 4,905 | 2,695 | 2,162 | 5,138 | 2,976 |
| South Dakota. | 15 | 1,222 | 878 | 1,203 | 1,939 | 885 | 2,970 | 2,085 |
| Tennesseo.. | 20 | 10, 173 | 9, 627 | 14, 173 | 14,901 | 10,520 | 26, 679 | 16,159 |
| Texas.. | 85 | 16,703 | 17,233 | 26, 968 | 24, 109 | 14, 270 | 41, 487 | 27, 217 |
| Utah. | 9 | 3,318 | 3,415 | 2, 389 | 4,912 | 3,234 | 8,585 | 5,351 |
| Vermont | 6 | 1,566 | 2,015 | 1,336 | 2,226 | 2,267 | 4,608 | 2,341 |
| Virginia. | 31 | 12, 080 | 19, 081 | 16, 561 | 16,725 | 14, 333 | 32, 777 | 18,444 |
| Washington | 35 | 6,480 | 6,785 | 11,904 | 8,477 | 5,724 | 14, 935 | 9, 211 |
| West Virginia | 38 | 11, 609 | 12,382 | 10, 540 | 16, 0065 | 10, 475 | 28, 248 | 17,773 |
| Wisconsin.. | 58 | 12, 491 | 6, 959 | 21,869 | 16, 360 | 18,957 | 36, 701 | 17,834 |
| Wyoming | 16 | 3, 057 | 6, 573 | 6, 854 | 5,285 | 3,257 | 0,111 | 5,854 |
| All other states ${ }^{1}$ | 15 | 3,808 | 3,196 | 3,754 | 5, 042 | 3,902 | 10, 326 | 6,424 |

OARS, ELEOTRIC-RAILROAD, NOT INOLUDING OPERATIONS OF RAILROAD OOMPANIES.

| United States. |  |  |  | , |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 19192. | 7 | 2,920 | 9,390 | \$17, 306 | \$4, 132 | \$12,059 | \$18,442 | \$6,383 |
| 1914. | 14 | 3,840 | 10, 014. | 14, 752 | 2,467 | 6, 350 | 10, 495 | 4,145 |
| 1909. | 14 | 3, 583 | 15,161 | 14, 168 | 2, 177 | 4,260 | 7,810 | 3;550 |
| 1904 | 14 | 4,730 | 7,054 | 12, 976 | 2,840 | 5,341 | 10,844 | 5,503 |
| 1899 | 90 | 3,585 | 4, 865 | 7,615 | 1,051 | 3,967 | 7,305 | 3,388 |
| 1889. | 17 | 1,785 | 1,326 | 2, 468 | 1,091 | 1,699 | 3,302 | 1,603 |

CARS, STEAM-RAILROAD, NOT INCLUDING OPERATIONS OF RAILROAD COMPANIES.


[^19]Table 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES,

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average num- | Primary horsepower. | Capital. | Waggs. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

CASH REGISTERS AND CALCULATING MACHINES.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 65 | 16,544 | 14,650 | \$82,798 | \$22,537 | \$10,890 | 883,539 |  |
| 1914 | 52 | 8,956 | 10,619 | 41,075 | 6,110 | 3,992 | 30,520 | - 26,528 |
| 1909. | 50 | 7,465 | 6,944 | 27, 224 | 5,312 | 3,552 | 23,708 |  |
| 1904. | 32 | 4,079 | 4,139 | 7,588 | 2,442 | 1,516 | 9,875 | -1,359 |
| 1899. | 18 | 2,067 | 1,340 | 5, 242 | 1,250 | ${ }^{921}$ | 5,675 | 4,754 |
| 1889. | 12 | 788 | 173 | 307 | 450 | 255 | 1,423 | 1,168 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Illinois. | 11 | 1,855 | 1,383 | 9,423 | 2,281 | 1,554 | 7,354 |  |
| New York. | 10 |  | 283 | 3,165 | 577 | 1,888 | 1,966 | 1,800 |
| All other states ${ }^{1}$ | 44 | 14,151 | 12,984 | 70,210 | 19,679 | 8,448 | 74,219 | 65,771 |

CEMENT. ${ }^{2}$

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 123 | 25,524 | 488, 808 | \$271, 269 | \$33, 195 | \$79,510 | \$175, 265 | \$95, 755 |
| 1914 | 133 | 27, 916 | 490, 402 | 243, 485 | 18, 192 | 51,987 | 101, 756 | - 49,769 |
| 1900 | 135 | 26,775 | 371, 799 | 187,398 | 15,320 | 29,344 | 63, 205 | 33, 861 |
| 1904 | 129 | 17,478 | 149, 604 | 85,759 | 8,814 | 12, 215 | 29,873 | 17,658 |
| 1869 | 45 | 1, 632 | 2,090 | 1, 522 | ${ }^{632}$ | -773 | 2,034 | 1,261 |
| 1859. | 14 | 740 |  | 759 | 206 | 263 | , 767 | - 504 |
| 1849. | 35 | 407 |  | 392 | 118 | 238 | 509 | 271 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 8 | 1,316 | 40,544 | 31,098 | 1,885 | 4, 114 | 11,258 |  |
| Illinois. | 5 | 1,123 | 24, 700 | 13, 066 | 1, 463 | 3,975 | 18,283 | -7, 408 |
| Indiana | 5 | 1,953 | 44, 315 | 11, 814 | 2,682 | 5, 863 | 13, 363 | 7,500 |
| Iowa.. | 4 | 1,017 | 17, 331 | 11, 747 | 1,515 | 5, 180 | 8,121 | 2,941 |
| Kansas.. | 8 | 1,084 | 21, 247 | 8,690- | 1,327 | 3,362 | 6, 700 | 3,338 |
| Michigan | 11 | 1,387 1,788 | 35,470 35,170 | 10,541 | 1,739 | 3,962 | 9, 043 | 5,681 |
| New York | 11 | 1, 1,574 | 35,170 37,236 | 12,779 20,548 | 2,310 2,087 | 6,570 | 11,738 | 6,168 |
| Ohio.. | 6 | 1,655 | 13, 514 | 4,346 | 2,975 | 1,515 | 3, 339 | 5,484 |
| Pennsylvania | 22 | 7,443 | 98, 058 | 62, 354 | 9,594 | 25, 374 | 54, 540 | 20, 106 |
| Texas. | 5 | 641 | 16,390 | 9, 448 | 568 | 1, 643 | 4, 743 | 3,100 |
| Washington | 3 4 4 | 280 436 | 7,778 19 1936 | 3,480 | 359 | 595 | 1,657 | 1,062 |
| All other states ${ }^{3}$ | 26 | $\begin{array}{r}4,827 \\ \hline\end{array}$ | 19,036 77 | 65, 6148 | 5,975 | 1,720 12,878 | 3,241 20,396 | 1,521 16,518 |

CHARCOAL, NOT INOLUDING PRODUCTION IN THE LUMBER AND WOODDISTILLATION INDUSTRIES. 4

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 41 | 209 | 132 | \$519 | \$156 | \$280 | \$589 |  |
| 1914. | 47 | 228 | 134 | 49.4 | 81 | \$233 | \$088 | \$329 |
| 1909. | 76 | 631 | 165 | 641 | 253 | 448 | 872 | 169 |
| 1904. | 74 | 923 | 355 | 717 | 343 | 642 | 1,292 |  |
| 1899. | 183 | 1,786 | 164 | 811 | 431 | 405 | 1,134 | 729 |
| 1879. | 175 | 1,401 |  | 457 | 801 | 321 | ${ }^{1} 976$ |  |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 10 | 70 |  |  |  |  |  |  |
| Illinois. | 5 | 20 | 15 | 38 | 11 | 117 | 191 | 80 |
| Missouri. | 7 | 18 |  | 61 | 10 | 9 | 31 | 22 |
| All other states 5 | 19 | 101 | 117 | 226 | 80 | 123 | 327 | 204 |

[^20]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES,

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | $\begin{gathered} \text { Wage } \\ \text { oarners } \\ \text { (average } \\ \text { num- } \\ \text { ber). } \end{gathered}$ | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manu- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sed in thou | usands. |  |

CHEESE.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919.................. | 3,530 | 3,997 | 24, 500 | \$26,023 | \$4, 809 | \$129, 425 | \$143, 456 | \$14,031 |
| 1914. | 3,082 | 2,908 | 19, 219 | 11, 139 | 2,066 | 46, 759 | 51, 745 | 4,986 |
| 1909. | 3,600 3,610 | 2, 704 | 11, 638 | 9,029 | 1,670 | 39,022 | 44, 263 | 5,241 |
| 1904.. | 3, 610 | 2,652 | 10,360 | 6,232 | 1,494 | 25, 257 | 29, 138 | 3,881 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 48 | 210 | 772 | 2,063 | 269 | 3,254 | 3,792 | 538 |
| Colorado.. | 8 | 49 | 110 | 566 | 46 | 532 | -732 | 200 |
| Connecticu | 6 | 9 | 62 | 49 | 11 | 99 | 117 | 18 |
| Idaho.. | 14 50 | 24 | 117 | 148 | $\begin{array}{r}31 \\ 109 \\ \hline\end{array}$ | $\begin{array}{r}666 \\ +104 \\ \hline\end{array}$ | $\begin{array}{r}728 \\ \hline 128 \\ \hline\end{array}$ | 62 |
| Illinois. | 50 20 | 17 | 432 100 | 321 96 | 109 17 | 1,204 | 1,485 | 281 |
| Michigan.. | 55 | 146 | 668 | 761 | 172 | 3,218 | 3,663 | 35 |
| Minnesota. | 66 | 89 | 505 | 250 | 90 | 2,506 | 2,838 | 332 |
| Montana. | 8 | 5 | 27 | 43 | 7 | 95 | , 107 | 12 |
| New Jersay | 8 | 8 | 54 | 163 | 6 | 106 | 128 | 22 |
| New York... | 598 | 1,002 | 5,236 | 6,259 | 998 | 23,359 | 26, 539 | 3,180 |
| North Carolina | 1.5 | 7 |  | 20 | 4 |  | 61 | 13 |
| Ohio... | 96 | 59 | 510 | 271 | 125 | 1,525 | 1,753 | 228 |
| Oregon. | 52 | 66 | 498 | 410 | 90 | 2,545 | 2, 855 | 310 |
| Pennsylvania. | 64 | 188 | 1,625 | 1,243 | 216 |  | 3, 818 | 782 |
| Utah... | 17 | 28 | 65 | , 93 | 29 | 190 | ${ }^{2} 235$ | 39 |
| Vermont. ${ }^{\text {a }}$ | 38 | 48 | 262 | 240 | 50 | 1,339 | 1,483 | 144 |
| Washington. | $\frac{15}{15}$ | - 19 | ${ }_{13} 146$ | 135 | 27 | 470 | 550 | 80 |
| Wisconsin..... | 2,323 | 1,912 44 | 13,180 | 12, 566 | 2, 446 | 84, 350 | 91,403 | 7, 113 |
| All other states | 20 | 44 | 130 | 320 | 66 | 628 | 825 | 197 |

CHEMIOALS.


[^21]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES,

| year and state. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

CHEWING GUM. ${ }^{1}$


CHINA DECORATING, NOT INCLUDING THAT DONE IN POTTERIES.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 43 | 244 | 43 | \$470 | \$244 | \$311 |  |  |
| 1914. | 51 | 295 | 23 | 403 | 159 | \$330 | \$867 | \$556 |
| 1909. | 40 | 328 | 18 | 559 | 191 | 311 | 786 | 397 |
| 1904. | 28 | 225 | 6 | 261 | 99 | 108 | 327 | 475 |
| 1898. | 49 | 298 |  | 269 | 122 | 207 | 485 | 219 278 |
| 1889. | 78 | 353 |  | 500 | 163 | 365 | 848 | 278 483 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 5 | 13 |  | 21 |  |  |  |  |
| Colorado.. | 4 | 6 |  | 4 | 4 | 68 6 | 17 | 25 |
| Illinois..... | 10 | 76 | 10 | 170 | 90 | 98 | 352 | 11 |
| New Jersey | 8 | 85 | 15 | 182 | 68 | 84 | 214 | 254 130 |
| New York........ | 0 | 44 | 18 | 77 | 5.5 | 80 | 174 | 130 94 |
| All other states ${ }^{\text {a }}$. | 7 | 20 |  | 10 | 17 | 15 | 57 | 42 |

CHOCOLATE AND COCOA PRODUCTS.


[^22]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 101y-Continued.

| year and state. | Number of estab-lishments. | $\begin{array}{\|c\|} \text { Wage } \\ \text { oarners } \\ \text { (avorage } \\ \text { num- } \\ \text { ber). } \end{array}$ | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expr | ssed in thou | sands. |  |

d́LEANSING AND POLISHING PREPARATIONS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919.. | 499 | 1,955 | 4,520 | \$12,979 | \$1,898 | \$12,924 | \$26, 703 | \$13,779 |
| 1914. | 398 | 1,239 | 2,556 | 5,898 | 619 | 3,895 | 9, 152 | 5,257 |
| 1909. | 300 | 979 | 1,743 | 3, 102 | 478 | 2, 699 | 6,260 | 3,561 |
| 1904. | 156 | 504 | 803 | 1,405 | 242 | 1,286 | 2,710 | 1,424 |
| 1899. | 154 | 508 | 643 | 953 | 209 | 965 | 2,193 | 1,228 |
| 1889. | 56 | 301 | 431 | 304 | 102 | 382 | 866 | 484 |
| 1879. | 21 | 209 |  | 412 | 91 | 237 | 500. | 263 |
| 1869..... | 21 | 08 | 118 | 371 | 37 | 215 | 323 | 108 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 35 | 40 | 60 | 320 | 42 | 428 | 701 | 273 |
| Colorado. | 9 | 3 | 11 | 27 | 3 | 16 | 35 | 19 |
| Connecticut. | 9 | 23 | 6 | 116 | 21 | 107 | 342 | 178 |
| Georgia. | 4 | ${ }^{8}$ | 0 | + 20 | -888888 | 2,300 | 4,702 | 2,402 |
| tilinois. | 11 | 50 | 74 | 1, 263 | 30 | 2,325 | ${ }^{4} 589$ | ${ }^{2} 264$ |
| Indiana | 8 | 21 | 105 | 232 | 18 | 125 | 275 | 150 |
| Towa.. | 4 | 5 | 35 | 436 | 4 | 29 | 49 | 20 |
| Maine.. | 7 | 1 | 7 | 7 | 1 | 12 | 20 | 8 |
| Maryland. | 7 | 8 | 19 | 72 | 73 | 31 | 66 |  |
| Massasschus | 37 | 79 | 141 | 654 | 73 | 733 | 1,393 | 607 |
| Michigan.. | 20 | 138 | 312 | 1, 604 | 182 | 1,802 | 3, 599 | 1,797 |
| Minnesota. | 6 | 20 | 37 | 164 | 22 | 524 |  | 416 |
| Missouri.. | 20 4 |  |  | 401 | 125 | 138 | 8 | $\stackrel{10}{26}$ |
| Nebraska. | 19 | 237 | 321 | 1,351 | 227 | 1,213 | 2, 521 | 1,308 |
| New York. | 67 | 381 | 1,454 | 2,460 | 323 | 1,013 | 4, 638 | 2,625 |
| Ohio... | 84 | 131 | 216 | 807 | 129 | 830 | 1,880. | 1,050 |
| Oklahoma. | 3 | 17 | 44 | 76 | 15 | 33 |  |  |
| Pennsylvania. | 49 | 138 | 391 | 1,109 | 92 | 78.4 | 1,488 | 704 |
| Rhodo Island. | 6 | ${ }_{4}^{4}$ | 2 | 31 | 3 | 18 | 49 | 31 |
| Tennesseo.. | 4 | - 22 | 117 | 49 | 20 | 51 | 117 | 66 |
| Texas...... | 13 | - 2 | 117 | 64 | 2 | 23 | 37 | 14 |
| Virginia | 4 | 5 | 11 | 25 | 7 | 14 | 30 | 16 |
| Washington. | 4 | 3 | 8 | 12 | ${ }^{3}$ | 12 | 2.27 | - 15 |
| Wisconsin....... | ${ }_{21}^{14}$ | 120 | 420 63 | ${ }_{105}^{981}$ | 125 30 | 8 | 2,164 290 | 1, 144 |

CLOCKS.


[^23]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES,

| YEAR AND State. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage carners number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

CLOTH, SPONGING AND REFINISHING.


CLOTHING, HORSE.


CLOTHING, MEN'S.


1 Includes: Illinois, 4 establishments; Michigan, 1 ; Missouri, 1.
${ }^{2}$ Inoludes: Illinois, 3 establishments; Maine, 1; Ohio, 3; Rhodo Island, 1; South Oarolina, 1 .

TABLE 225. -SUMMARY FOR INDUSTRIES: COMPARATIVE TOR TEE UNITED STATES, BY STATIS FOR 1919-Continued.

| YEAR AND STATE. | Number of estab-Iishments. | $\begin{gathered} \text { Wage } \\ \text { earners } \\ \text { (average } \\ \text { num- } \\ \text { ber). } \end{gathered}$ | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value <br> added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | ssed in thou | nsands. |  |

CLOTEING, MEN'S-Continued.

| States, 1919-Continuod. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Kentucky...................... | 50 | 2,590 | 616 | \$5,019 | \$1,494 | \$5,733 | \$10,072 | \$4,339 |
| Louisiana. | 16 | 999 | 205 | 2,160 | 11, 442 | 1,867 | 3,033 | 1,166 |
| Maine. | 14 | 270 | -76 | - 068 | 141 | 1. 468 | - 808 | 1,340 |
| Maryland | 284 | 9,256 | 2,457 | 34,082 | 10, 646 | 31,009 | 60,414 | 29,405 |
| Massachuset | 207 | 6, 856 | 1,878 | 21,798 | 7, 207 | 23, 600 | 41, 475 | 17,875 |
| Miohigan. | 31. | 1,750 | 1,034 | 6, 125 | 1,380 | 5,546 | 9,189 | 3,643 |
| Minnesota. | 34 | 1,561 | 642 | 3,736 | 1, 103 | 4, 840 | 7,065 | 2,225 |
| Missouri. | 112 | 6,823 | 2,725 | 19, 179 | 4,831 | 22,176 | 35, 839 | 13,663 |
| Nebraska. | 5 | 496 | 220 | 695 | 411 | 1, 0) 3 | 1,967 | 964 |
| Now Hampshir | 8 | 322 | 105 | 1,112 | 207 | 1, 202 | 1,830 | 628 |
| Now Jersoy . . | 104 | 4, 801 | 046 | 7,354 | 5,471 | 6,302 | 15,949 | 9,587 |
| New York | 2, 537 | 62, 008 | 10,897 | 236,417 | 84, 825 | 27S, 616 | 544, 054 | 265, 438 |
| North Carolinn | 7 | ${ }^{3} 392$ | 10,83 | 230, 699 | - 228 | 1,453 | 2,198 | , 745 |
| Ohio... | 246 | 9,939 | 2,078 | 30, 153 | 8,896 | 30,071 | 58,170 | 28,099 |
| Oregorn. | 5 | 481 | 224 | 1,078 | 348 | 1,329 | 2,034 | 705 |
| Pennsylvauia | 002 | 12,855 | 3,323 | 36,536 | 11,777 | 38,210 | 73, 170 | 34,960 |
| Tennessec. | 28 | 1,369 | . 534 | 3,894 | 705 | 4,802 | 7,190 | 2,388 |
| Texas.. | 82 | 1,006 | 412 | 3,304 | 965 | 3,715 | 6,568 | 2,853 |
| Utah. | 3 | 150 | 145 | 525 | 80 | -360 | 652 | 292 |
| Vermont | 8 | 404 | 167 | 1,379 | 194 | 1,044 | 1,789 | 745 |
| Virginia. | 28 | 2,305 | 981 | 7,468 | 2,168 | 6,870 | 11, 810 | 4,940 |
| Washington | 9 | 468 | 115 | 1,483 | 370 | 918 | 2,231 | 1,313 |
| West Virginia | 15 | 917 | 217 | 2,114 | 523 | 2,200 | 3,822 | 1,622 |
| Wisconsin.. | 59 | 3,386 | 967 | 11, 287 | 2,505 | 10,328 | 17, 051 | 6,723 |
| All other states ${ }^{1}$. | 12 | 402 | 164 | 1,727 | 230 | 1,988 | 2,550 | 618 |

CLOTEING, MEN'S, BUTTONHOLES.

| United States. |  |  |  | 1 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 107 | 484 | 189 | \$237 | \$015 | \$123 | \$1,090 | 3967 |
| 1914. | 139 | 072 | 205 | 224 | 326 | 90 | 638 | 548 |
| 1909 | 1413 | 830 | 176 | 225 | 389 | 105 | 781 | 676 |
| 1904. | 141 | 903 | 137 | 262 | 380 | 95 | 700 | 605 |
| 1899. | 140 | 944 | 113 | 247 | 332 | 98 | 681 | 583 |
| 1889.. | 200 | 1,165 | 43 | 190 | 393 | 84 | 784 | 700 |
| States, 1010 |  |  |  |  |  |  |  |  |
| Illinois. | 8 | 9 | 3 | -4 | 12 | 2 | 20 | - 18 |
| Maryland. | 12 | 34 | 15 | 22 | 43 | 15 | 92 | 77 |
| Massachusetts. | 4 | 9 | 4 | 1 | 8 | 2 | 19 | 17 |
| Now Jorsey. | - 3 | 4 | 3 | 1 | 4 | 1 | 10 | 9 |
| Now York. | - 50 | 251 | 108 | 153 | 309 | 70 | 661 | 591 |
| Ohio.. | 8 | 86 | 20 | 27 | 56 | 13 | 135 | 122 |
| Pennsylvania. | 15 | 89 | 33 | 27 | 82 | 19 | 147 | 128 |
| All other states ${ }^{\text {a }}$. | 3 | 2 | 3 | 2 | 1 | 1. | 6 | 5 |

OLOTHING, WOMEN'S.


[^24] Oklahoma, 2 ; Rhode Lsland, 1 ; South Carolina. 2.
${ }^{2}$ Includes: Missouri, 2 establishments; Wisconsin, 1.

TABLE 225.-SUMMARY FOR TNDUSTRIES: COMPARATIVE FOR THE UNITED STATES;

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | ssed in tho | sands. |  |

CLOTHING, WOMEN'S-ContinLed.

| States, 1919. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| California. | 165 | 3,124 | 629 | \$6,107 | \$2,638 | \$8,530 | \$14, 246 |  |
| Connecticut | 60 | 2,058 | 486 | 2,974 | 1,317 | 4, 067 | 7,427 | 3,360 |
| District of Columbia | 3 | 28 | 4 | 12 | 20 |  | 70 | ${ }^{36}$ |
| Georgia. | 13 | 340 | 81 | 788 | 259 | 1,009 | 1,613 | 604 |
| Tlinois. | 308 | 10,278 | 2,092 | 25, 127 | 11,487 | d1, 135 | 68,044 | 26,909 |
| Indiana | 26 | 1,200 | 274 | 1,695 | 062 | 1,014 | 3,397 | 1,483 |
| Iowa.. | 10 | 503 | 405 | 1, 529 | 317 | 1,145 | 2,069 | 924 |
| Kentucky | 10 | 266 | 46 | 299 | 196 | 433 | 835 | 399 |
| Louisiana | 12 | 266 | 67 | 485 | 121 | 658 | 1,095 | 437 |
| Maine. | 7 | 162 | 67 | 216 | 97 | 160 | 351 | 191 |
| Maryland | 125 | 2,822 | 574 | 6,011 | 2,058 | 7,758 | 13,885 | 6,127 |
| Massachuset | 258 | 6,271 | 1,622 | 10,995 | 5, 616 | 17,97.4 | 30, 428 | 12, 454 |
| Michigan.. | 33 | 1,036 | $\stackrel{262}{7}$ | 1, 811 | 750 | 2,273 | 3,923 | 1,650 |
| Minnesota | 23 | 220 | 71 | 681 | 141 | 470 | 890 | 426 |
| Missouri. | 116 | 3,308 | 534 | 6,779 | 2,884 | 11,493 | 15, 433 | 6,940 |
| New Hampshire | 5 | 157 | 325 | 5 406 | 112 | 9,364 | 17597 | 233 |
| New J Jrsey | 255 | 5,696 | 1,393 | 5, 564 | 4,417 | 9,316 | 17,900 | 8,584 |
| Now York. | 5,288 | 102,652 | 17,706 | 250, 841 | 137, 1773 | 493,429 | 866, 084 | 393,555 |
| Ohio.. | 175 | 8,258 | 2,008 | 21,790 | 8, 642 | 26,077 | 48, 714 4 | 22, 627 |
| Oregon. | 7 |  | 11 | 81 | ${ }^{44}$ | ${ }_{40}^{8} 8$ | 154 | 71 |
| Pennsylvania | 615 | 14,364 | 3,223 | 28,830 | 14,326 | 40,217 | 77, 474 | 31, 257 |
| Rhode Island | 7 7 | 91 | 23 28 |  | 60 | 159 | 1208 | 109 |
| Tennessee | 7 | 188 | $\stackrel{28}{42}$ | 1,552 | 110 | 91.4 | 1,658 | 744 |
| Texas... | 10 | 192 | 4 | 461 | 110 | 415 | 703 | 288 |
| Wermont... | 7 | 348 | 147 | 573 | 197 | 300 | 797 | 488 |
| Washington | 20 | 282 | 81 | 432 | 253 | 609 | 1,171 | 562 |
| Wisconsin. | 29 | 844 | 205 | 4,215 | 427 | 2, 015 | 3,221 | 1,206 |
| All other States 1 | 27 | 642 | 166 | 814 | 376 | 1,444 | 2,200 | 756 |

COAL-TAR PRODUCTS. ${ }^{2}$

| United States. $1919 .$ | 183 | 15,663 | 68,342 | \$174, 992 | \$23,402 | \$63, 997 | \$135,482 | \$71, 485 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| States, 1919. |  |  |  |  |  |  |  |  |
| Illinois. | 9 | 180 | 637 | 1,536 | 269 | 1,047 | 2,075 | 1,028 |
| Massachusetts | 8 | 444 | 1,019 | 3,719 | 572 | 2,472 | 3,957 | 1,485 |
| Michigan |  | 113 | 521 | 1,297 | 164 | 460 | 817 | 357 |
| New Jersey | 48 | 6,495 | 26,977 | 59,093 | 10, 813 | 24, 261 | 4,740 | 20,480 |
| New Yor | 46 | 3,758 | 18,349 | 57, 270 | 4,785 | 14, 383 | 45,792 | 31, 409 |
| Ohio.. | 15 | 834 | 4,899 | 6,693 | 1, 047 | 5,389 | 4, 405 | 4, 105 |
| Pennsylvania | 19. | 1,333 | 8, 610 | 20, 2225 | 2,384 | 6,210 | 9, 492 | 3,288 |
| Washington. | 3 | 26 | 115 | +236 | . 28 | 237 | 368 | 180 |
| Wisconsin. | 5 | 827 | 3,094 | 5,747 | 1,419 | 2,246 | 4,943 | 2,737 |
| All other states ${ }^{8}$ | 26 | 1,647 | 4,121 | 1.9,176 | 1, 941 | 7,2012 | 13,763 | 6,471 |

## COFFEE AND SPICE, ROASTING AND GRINDING.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 794 | 10,540 | 29,750 | \$1.27,748 | \$0,201 | \$243,800 | \$304, 792 | 5 80.888 |
| 1914. | 696 | 8,549 | 26,634 | 56, 596 | 4,808 | 1116, 620 | 150, 749 | 34,229 |
| 1909. | 607. | 7,490 | 22, 334 | 46,012 | 3,076 | 83, 205 | 110, 533 | 27, 328 |
| 1904. | 421 | 5,959 | -15,703 | 38,735 | 2,830 | 65, 817 | 84, 188 | 18,341 |

1 Includes: Alabama, 1 establishment; Colorado, 4; Dolaware, 2; Florida, 1; Nebraska, 4; Novada, 1; North Carolina, 2; Utah, 2; Virginia, $6 ;$ West Virginia, 4.

I Included under the elassification "chemicals" prior to 1919.
${ }^{8}$ Includes; Alabama, 2 establishmenis; Californith, 1; Connecticat, 2; Distrite of Columbia, i; Georia, 1; Indiana, 1; Minnesota, 2; Missouri, 5; Rhode Island, 2; Iennessee, 2; Utah, 1; Virginla, 3; Wost Virginia, 3.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | $\begin{gathered} \text { Wage } \\ \text { oarners } \\ \text { (average } \\ \text { num- } \\ \text { ber). } \end{gathered}$ | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

COFFEE AND SPICE, ROASTING AND GRINDING-Continued.

| States, 1919. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama. | 10 | 64 | 147 | \$371 | \$45 | \$1,128 | \$1,400 | \$272 |
| Arknnsas. | 9 | 35 | 183 | 645 | 29 | 1,373 | 1,542 | 100 |
| California. | 70 | 796 | 2,408 | 15,590 | 704 | 19,881 | 26,311 | 6,430 |
| Colorado. | 7 | 38 | 155 | 479 | 30 | ${ }^{9} 981$ | 1,260 | 279 |
| Connecticut. | 13 | 28 | 87 | 351 | 19 | 651 | 733 | 82 |
| District of Columbia | 5 | 31 | 111 | 280 | 30 | 757 | 925 | 108 |
| Florida.- | 18 | 68 | 185 | 557 | 51 | 1,300 | 1,002 | 302 |
| Georgia | 9 | 49 | 142 | 134 | 38 | 386 | 469 | 113 |
| Illinois.. | 32 | 1,205 | 2,380 | 17,695 | 1,210 | 29,693 | 38,189 | 8,490 |
| Indiana. | 24 | 187 | 595 | 1,962 | 1, 160 | 2,796 | 3,711 | ${ }^{8} 915$ |
| Iowa.. | 16 | 173 | 586 | 2,349 | 145 | 4,355 | 5,128 | 773 |
| Kansas. | 11 | 58 | 149 | 331 | 50 | 857 | 1,040 | 183 |
| Kentucky | 15 | 89 | 303 | 1,138 | 113 | 1,946 | 2,694 | 748 |
| Louisiana. | 29 | 271 | 631 | 0,194 | 241 | 5,708 | 7,935 | 2, 137 |
| Maine... | 5 | 15 | 27 | $\bigcirc 96$ | 12 | 227 | -268 | 41 |
| Maryland | 15 | 203 | 575 | 3,394 | 160 | 4,692 | 5,885 | 1,198 |
| Massachusett | 23 | 512 | 1,377 | 5,677 | 483 | 14, 005 | 16,978 | 2,973 |
| Michigan... | 19 | 99 | 461 | . 969 | 74 | 2, 133 | 2,514 | , 381 |
| Minnesota. | 13 | 532 | 962 | 3,653 | 233 | 10, 265 | 12,186 | 1,921 |
| Mississippi | 7 4 | 28 | ${ }_{2} 49$ | . 204 | 13 | ${ }^{23} 474$ | ${ }^{620}$ | 7146 |
| Missourl.. | 40 | 814 | 2,834. | 10,630 | 576 | 23,059 | 30, 071 | 7,018 |
| Nobraska. | 9 | 160 | 682 | 839 | 138 | -2,050 | 2,638 | 588 |
| Now Jersey | 17 | 192 | 359 | 6,605 | 240 | 4,651 | 7,218 | 2,567 |
| Now York | 111 | 1,959 | 5,773 | 18,980 | 1,850 | 50, 269 | 57, 123 | 6, 854 |
| Ohio..... | 43 | 1,088 | 3,105 | 9,778 | 934 | 22, 877 | 20, 271 | 6,394 |
| Oreghan | 7 | 168 | 298 | 1,417 | 132 | 1,968 | 2,402 | 434 |
| Oregon. | 8 | 106 | 420 | 1,548 | 97 | 2,978 | 3,500 | 612 |
| Pennsylvania. | 85 | 522 | 1,783 | 6,549 | 435 | 11,944 | 14, 076 | 2,732 |
| South Carolina | 4 | 9 | 73 | 77 | 9 | 01 | 129 | 38 |
| Tennessee. | 9 | 191 | 471 | 1,416 | 181 | 3,783 | 4,998 | 1,215 |
| Texas. | 41 | 258 | 716 | 2,094 | 211 | 6,000 | 7,851 | 1,851 |
| Utah. | 3 | 32 | 46 | 226 | 20 | 358 | 485 | ${ }^{127}$ |
| Virginia. | 11 | 104 | 300 | 595 | 75 | 2,642 | 3,228 | 588 |
| Washington. | 24 | 215 | 414 | 1,848 | 237 | 3,166 | 4,357 | 1,191 |
| West Virginin | 5 | 29 | 81 | 126 | 17 | 467 | 553 | 80 |
| Wisconsin. | 12 | 150 | 566 | 2,265 | 167 | 2,855 | 3,464 | 600 |
| All other states ${ }^{1}$ | 15 | 56 | 247 | 626 | 42 | 1,043 | 1,318 | 275 |

COFFINS, BURIAL CASES, AND UNDERTAKERS' GOODS.

| United States. |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

${ }^{1}$ Includes: Delaware, 1 establishment; Tdaho, 2; Montana, 2; Now Hampshire, 2; North Carolina, 1; North Dakota, 1; Rhode Island, 2; South Dakota, 3; Vermoni 1.

TABLE 225.-SUMMARY FOR TNDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES TOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage earners (average ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

COFFINS, BURIAT CASES, AND UNDERTAKERS' GOODS Continued.

| States, 1919-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Minnesota. | 7 | 247 | 248 | \$1,485 | \$236 | \$662 | \$1, 593 | \$931 |
| Missouri. | 16 | 608 | 1,196 | 2, 451 | 618 | 1,784 | 3,253 | 1,469 |
| New Jersey | 12 | 107 | 215 | 558 | 125 | 270 | 544 | -274 |
| New York. | 39 | 1,641 | 2,931 | 6, 451 | 1,696 | 4,293 | 8,291 | 3,998 |
| North Carol | 11 | 1252 | 424 | 878 | . 236 | 77.4 | 1,632 | -858 |
| Ohio. | 20 | 1,148 | 1,983 | 4,383 | 1,182 | 2,810 | 6,475 | 3,635 |
| Oregon | 4 | 73 | 144 | 408 | 113 | 290 | 494 | ${ }^{2} 204$ |
| Pennsylvani | 41 | 1,824 | 3,120 | 8,238 | 1,824 | 4,664 | 9,312 | 4,648 |
| Tennessee. | 9 | 630 | 1,289 | 1,76.4 | 461 | 1,469 | 3,085 | 1,616 |
| Texas. | 5 | 294 | 731 | 1,183 | 292 | 722 | 1, 170 | 1748 |
| Virginia. | 6 | 86 | 244 | 346 | 93 | 230 | 455 | 225 |
| Washington | 5 | 72 | 152 | 354 | 61 | 250 | 453 | 203 |
| Wisconsin. | 8 | 503 | 1,112 | 1,191 | 421 | 1,062 | 2,663 | 1,801 |
| All other states ${ }^{1}$. | 39 | 842 | 1,881. | 3,314 | 753 | 2,284 | 4,417 | 2,133 |

COKE, NOT INCLUDING GAS-HOUSE COKE.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 278 | 29,319 | 224, 879 | \$365, 250 | \$12, 299 | \$224, 207 | \$316,516 | \$92,249 |
| 1914. | 231 | 21, 107 | 117, 127 | 161, 561 | 14,289 | 69, 138 | 99, 275 | 30, 137 |
| 1909 | 315 | 29, 278 | 62, 602 | 152, 321 | 15,454 | 64, 0225 | 95, 697 | 31, 672 |
| 1904. | 278 | 18,981 | 66, 669 | 90, 713 | 9,304 | 20, 885 | 51, 729 | 21, 844 |
| 1899 | 241 | 16,999 | 34,767 | 36, 503 | 7,056 | 19,660 | 35, 585 | 15, 919 |
| 1889 | 218 | 8,998 | 5,095 | 17,403 | 4,073 | 11,510 | 16, 498 | 4,988 |
| 1879 | 126 | 3,140 |  | 4,770 | 1,198 | 2,995 | 5,359 | 2,364 |
| 1869. | 25 | 528 198 | 183 | 1,202 | 289 | 61.5 | 1,132 | 517 |
| 1849. | 4 | 14 |  | 4 | 3 | 6 | 15 | 116 9 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 28 | 3,533 | 13,147 | 28,928 | 3,484 | 18,628 | 24, 609 | 6,041 |
| Illinois. | , | 1,396 | 9,915 | 25, 931 | 2,400 | 12,628 | 10, 837 | 4,209 |
| Kentucky. | 4 | 568 | 3,308 | 4,766 | 760 | 3,479 | 4,453 | , 974 |
| Minnesota. | 3 | 426 | 7,774 | 9,509 | 695 | 4,972 | 6,469 | 1,497 |
| New Yor | 析 | 643 | 8,475 | 11,573 | 1,167 | 5, 116 | 7,213 | 2,097 |
| Ohio. | 13 | 3,407 | 43, 119 | 48,242 | 6,559 | 38, 172 | 46,514 | 13,342 |
| Pennsylvani | 123 | 11, 536 | 72,752 | 125,341 2,035 | 15,554 259 | 80, 354 | 119,731 | 30,377 |
| Tennessee. | 6 13 | 272 849 | 2,345 1,243 | 2,035 | $\begin{array}{r}259 \\ +085 \\ \hline\end{array}$ | 1,464 | 2,017 | - 558 |
| West Virginia | 57 | 1,288 | 9, 493 | -12,636 | 1,419 | 6,037 | 8, 300 | 1,589 |
| All other states ${ }^{2}$ | 24 | 5,406 | 53,308 | 91,136 | 8,917 | 54, 482 | 74, 720 | 20,238 |

COLLLARS AND CUFFS, MEN'S.


[^25]TABLE 225.-SUMMARY FOR TNDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| gear and state. | Number of estab-lishments | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

COMBS AND HAIRPINS, NOT MADE FROM METAL OR RUBBER.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 45 | 2,229 | 1,600 | \$3,913 | \$1,809 | \$3,169 | \$0,560 | \$3,397 |
| 1914. | 66 | 2,773 | 2,711 | 2,959 | 1,393 | 2,853 | 5,478. | 2,825 |
| 1909. | 81 | 4,555 | 4,175 | 5,070 | 2,166 | 3,975 | 8,376 | 4, 401 |
| 1904. | 42 | 1,806 | 1,263 | 1,112 | 758 | 1,330 | 2,769 | 1,439 |
| 1890. | 34 | 1,399 | 1,817 | $\bigcirc 833$ | 572 | $\bigcirc 952$ | 1,976 | 1,024 |
| 1889. | 31 | 742 | 758 | 742 | 365 | 344 | 1,021 | 677 |
| 1879. | 38 | 1, 120 |  | 533 | 375 | 342 | 951 | 609 |
| 1869. | 37 | 675 | 399 | 430 | 221 | ${ }_{614}^{233}$ | 689 1,315 | 456 |
| 1859. | 66 151 | 1,788 |  | 634 | 494 | 8843 | 1,616 | 773 |
| 1849. | 151 | 1,788 |  | 634 | 49 |  |  |  |
| States, 1010. |  |  |  |  |  |  |  |  |
| Massechusetts.. | 26 | 1,706 | 1,292 | 2,976 | 1,424 | 2,535 | 5,180 | 2,645 |
| New York.... | 12 | 230 | 69 | 488 | 194 | 309 | - 682 | 373 |
| All other states ${ }^{\text {a }}$. | 7 | 233 | 239 | 449 | 191 | 325 | 704 | 379 |

CONDENSED MILK.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|}
\hline 1919 United States. \& 401 \& 13,675 \& 49, 181 \& \$126, 953 \& \$14,278 \& \$282, 595 \& \$330,507 \& \$56,912 \\
\hline 1914. \& 190 \& 0, 002 \& 20,015 \& 35, 048 \& 3,662 \& 55,720 \& 69, 161 \& 13,441 \\
\hline 1909. \& 136 \& 4;104 \& 11,588 \& 19, 237 \& 2,170 \& 20,878 \& 35, 295 \& 8,417 \\
\hline 1904. \& 81 \& 3,375 \& 5,956 \& 10,943 \& 1,513 \& 16,373 \& 20,524 \& 4,151 \\
\hline States, 1010. \& \& \& \& \& \& \& \& \\
\hline California. \& 11 \& 544 \& 1,784 \& 5,744 \& 570 \& 10,071 \& 11,968 \& 1,897 \\
\hline Colorado. \& 5 \& 108 \& 727 \& 894 \& 126 \& 2,051 \& 2,405 \& \\
\hline Ilinois. \& 38 \& 1, 111 \& 4,020 \& 14,686 \& 1,205 \& 24,677
3,926 \& 30,438 4 , \& -692 \\
\hline Indiana \& 7 \& 205 \& \begin{tabular}{l}
792 \\
354 \\
\hline
\end{tabular} \& 1,364 \& \(\underline{60}\) \& \(\begin{array}{r}3,920 \\ \hline\end{array}\) \& 4,018
1,094 \& 301 \\
\hline Towar. \& 3 \& 51 \& 354
508 \& 1,289 \& 183 \& 2,247 \& 2,810 \& 56 \\
\hline Kansas. \& \(\stackrel{6}{5}\) \& 187 \& 508 \& 1, 2803 \& 183 \& 1,281 \& 1,584 \& 303 \\
\hline Maryland \& 85 \& 189
1,064 \& 3,525 \& -11,225 \& 1,138 \& 23, 107 \& 27,738 \& 4,031 \\
\hline Michigan. \& 82
5 \& 1,064
84 \& \({ }^{3} 724\) \& -1,224 \& + 71 \& 1,583 \& 1,865 \& 282 \\
\hline Nobraskra. \& 6 \& 58 \& 940 \& 905 \& 67 \& 644 \& 1,004 \& 360
375 \\
\hline Now Jersey \& 0 \& 77 \& 423 \& 685 \& 988 \& 7, 1,822 \& 91, \({ }^{2,197}\) \& + 3745 \\
\hline New York. \& 100 \& 3,730 \& 9,784, \& 29,999 \& 3,667 \& 78,454 \& 91,910 \& 13,450 \\
\hline North Dakota \& 3
30
8 \& \& 2,486 \& \& 708 \& 14, 163 \& 17,198 \& 3,035 \\
\hline Ohio... \& 30
8
8 \& 7180 \& 2,480
1,121 \& 2,494 \& 221 \& 3,253 \& 4, 180 \& 927 \\
\hline Oregon. \& \& \(\begin{array}{r}180 \\ 1,355 \\ \hline\end{array}\) \& 4,790 \& 9,600 \& 1,332 \& 24,981 \& 31,029 \& 6,048 \\
\hline Pennsylvan \& 7 \& 1,305

267 \& 4,793 \& 2,533 \& 1,273 \& 6,426 \& 6, 862 \& 438 <br>
\hline Washingt \& 14 \& 734 \& 2,072 \& 8,778 \& 967 \& 15, 647 \& 19,587 \& 3,940 <br>
\hline Wisconsin \& 51 \& 2,744 \& 10,389 \& 25,787 \& 2, 845 \& 61, 288 \& 73,342
7 \& 12,054
1,483 <br>
\hline All other states ${ }^{\text {a }}$ \& 15 \& 383 \& 3,017 \& 4,102 \& 466 \& 6,147 \& 7,630 \& 1,483 <br>
\hline
\end{tabular}

CONFEOTIONERY. ${ }^{8}$

| $\therefore$ United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 3,140 | 76,403 | 77,197 | \$219, 835 | \$54, 461 | \$252, 434 | $\begin{array}{r}\$ 447,726 \\ 170,845 \\ \hline\end{array}$ | $\$ 195,292$ 69,830 |
| 1914. | 2,301 | 53, 608 | 55,823 | 97, 487 | 21, 472 | 101, 81.151 | 174, 796 |  |
| 1900. | 1,944 | 44, 038 | 35, 870 | 68,326 43,125 | 15, 11.699 | 81, 88.10 | -178, ${ }^{\text {87, }}$ | 38,277 |
| 1904. | 1,348 | 36, 230 | 24, 292 | 43, 2125 | 11,399 8,020 | 48, <br> 35,354 | 60, 644 | 25, 290 |
| 1890. | 002 | 28, 860 | 10, 7 , 7210 | 23,327 | 7,783 | 31, 117 | 55,997 | 24, 880 |
| 1889 | 2,921 | 21, 724 | 7,721 | 23,327 | 7,243 | 17, 126 | 25, 637 | 8,511 |
| 1870 | 1, 4.50 | 5, ${ }^{\text {5, }}$, 820 | 573 | 4, 4,995 | 2,092 | -8,704 | 15, 923 | 7,219 |
| 186 | 949 | 2,340 | 073 | 1,568 | ,688 | 2,990 | 5,361 | 2,371 |
| 1849 | 388 | 1,788 |  | 1,030 | 459 | 1,692 | 3,041 | 1,349 |

1 Includes: Ilinols, 1 establishment; Now Jorsoy, 8; Ohio, 1; Pennsylvania, 1; Rhode Island, 1.
${ }^{2}$ Includes: Arizona, lestablishment; Idaho, 2 ; Maine, 1; Massachusetis, 2; Missouri, 3; Now Hampshire, 1; South Dakota, 1; Utah, 3; VIrginia, 1 ,
a Includes "chewing gum" prior to 1019.

TABLE 225.-SUMMARY FOR TNDUSTRIES: COMPARATIVE FOR TEE UNITED STATES, BY STATES FOR 1919 -Continued.

| AND State. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

CONFEOTIONERY-Continued.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|}
\hline States, 1919. \& \& \& \& \& \& \& \& \\
\hline Alabama. \& 21 \& 366 \& 156 \& \$675 \& \$225 \& \$1,014 \& \$2,002 \& \\
\hline Arizona. \& 6 \& 19 \& 16 \& 36 \& 22 \& \$1,68 \& , 121 \& \$888 \\
\hline Arkansas \& 28 \& 159 \& 171 \& \({ }_{7} 536\) \& . 121 \& 749 \& 1,094 \& 345 \\
\hline California \& 207
58 \& 3,300 \& 2,817 \& 7,132 \& 2,418 \& 9,479 \& 10, 508 \& 7,029 \\
\hline Connecticu \& 48 \& 686
472 \& 608
518 \& 1,756 \& 463 \& 1,939 \& 3,726
1,852 \& 1,787 \\
\hline Delaware \& 6 \& 29 \& 36 \& 1,85 \& 24 \& 146 \& 1,852 \& 899 \\
\hline District of Colu \& 16 \& 104 \& 14 \& 515 \& 106 \& 455 \&  \& 97
303 \\
\hline Florida. \& 7 \& 21 \& 38 \& 60 \& 18 \& 108 \& 188 \& 303
80 \\
\hline Georgia. \& 35 \& 1,334 \& 830 \& 3,399 \& 814 \& 3,906 \& 7,683 \& 3,777 \\
\hline Idaho. \& 9 \& 1.43 \& 147 \& 460 \& 72 \& , 292 \& , 599 \& 3,777
307 \\
\hline Illinois.. \& 237 \& 7,563 \& 7,520 \& 23,164 \& 6,723 \& 32,119 \& 58,205 \& 20,085 \\
\hline Indiana. \& \begin{tabular}{l}
84 \\
89 \\
\hline
\end{tabular} \& 1,177
1,368 \& 1,038
1,889 \& 2,820
3,088 \& 706
879 \& 3,271
4,327 \& 5,563 \& 2,185
2,292
3,240 \\
\hline Kansas \& 54 \& 1,368 \& 1,326 \& 1,003 \& 879
216 \& 4,327 \& 7,567
1,846 \& 3,240

738 <br>
\hline Kentucky \& 38 \& 598 \& 423 \& 1,593 \& 324 \& 1,762 \& 1, 3,500 \& 1738 <br>
\hline Louisiana \& 20 \& 668 \& 516 \& 2,174 \& 323 \& 1,845 \& 3,277 \& 1, 1,432 <br>
\hline Maine... \& 55 \& 215 \& 238 \& ${ }^{2} 554$ \& 142 \& , 547 \& , 040 \& 1, ${ }_{393}$ <br>
\hline Maryland. \& 86 \& 2,521 \& 4,100 \& 6,285 \& 1,615 \& 8,764 \& 13,840 \& 5,076 <br>
\hline Massachuset \& $\begin{array}{r}130 \\ 92 \\ \hline\end{array}$ \& 10, 753 \& 8,419 \& 25, 263 \& 7,612 \& 34,874 \& 60, 5150 \& 25, ${ }^{5}$, 682 <br>
\hline Minnesota \& 82 \& 1,284 \& 1, 1,119 \& 3,372
4,346 \& 888 \& 3, 888 \& 7,324 \& 3,438 <br>
\hline Mississippi \& 5 \& 1, 85 \& 1,196 \& 4,346
816 \& 972
43 \& 4, 275 \& 7,594 \& 3, 189 <br>
\hline Missouri. \& 126 \& 3, 016 \& 3,019 \& 8,069 \& 2,070 \& 0,334 \& 17, 680 \& 8,246 <br>
\hline Montana. \& 19 \& 74 \& 53 \& 221 \& 62 \& ${ }^{213}$ \& 17302 \& 8, 179 <br>
\hline Nebraska. \& ${ }_{2}{ }_{6}$ \& 472 \& ${ }^{688}$ \& 1,217 \& 287 \& 1, 199 \& 2,123 \& 924 <br>
\hline New Jersey... \& 98 \& 2,211 \& 1,497 \& 4,375 \& 1,532 \& 131
5,334 \& \% 62 \& 31 <br>
\hline New York. \& 414 \& 13,003 \& 18,180 \& 53, 110 \& 10,515 \& 47,617 \& 9,499
84,685 \& 4,165
37,068 <br>
\hline North Carolina \& 27 \& ${ }^{1} 146$ \& 18, 79 \& ${ }^{53} 807$ \& 10,80 \& 17,062
362 \& 84,685 \& 37,068
275 <br>
\hline North Dakot \& 6 \& 67 \& 63 \& 392 \& 46 \& 184 \& 305 \& 211 <br>
\hline Ohio.. \& 185 \& 4,137 \& 5,010 \& 11,455 \& 2,987 \& 13,805 \& 25, 1.46 \& 11,341 <br>
\hline Oregon. \& 28
30 \& 194 \& ${ }_{230}^{211}$ \& 1, 192 \& ${ }_{250}^{139}$ \& , 966 \& 1,345 \& 379 <br>
\hline Pennsylvania \& 363 \& 7,885 \& 8,399 \& 18,978 \& 5,381 \& 1,319
23,578 \& 2,244 \& 925 <br>
\hline Rhode Island. \& 21 \& 135 \& 1110 \& -355 \& 104 \& -304 \& 41,392 \& 17, 823 <br>

\hline South Carolina. \& 18 \& 94 \& 115 \& 187 \& 51 \& 197 \& | 692 |
| :--- |
| 309 | \& 208 <br>

\hline South Dakota \& 9 \& 171 \& 257 \& 687 \& 114 \& 606 \& 1,314 \& 618 <br>
\hline Tennessee \& 36 \& 1,154 \& 649 \& 4,233 \& 745 \& 4, 695 \& 7,902 \& 3,207 <br>
\hline Texas. \& 92 \& 1,185 \& 776 \& 3,275 \& 68.4 \& 4,683 \& 7,732 \& 3,049 <br>
\hline Utah... \& 32 \& 1,013 \& 927 \& 3,452 \& 570 \& 2,605 \& 5,323 \& 2,628 <br>
\hline Vermont \& 11 \& 313
518 \& 118 \& 952 \& 155 \& , 799 \& 1,249 \& 450 <br>
\hline Washington \& 88 \& 1,436 \& 792
790 \& 1,802 \& \& 1,915
4,683 \& 3,270 \& 1,355 <br>
\hline West Virginia. \& 18 \& ${ }^{1} 95$ \& 112 \& ${ }^{2} 83$ \& 1,102
75 \& 4, 288 \& 8,402
805 \& 3, 819 <br>
\hline Wisconsin... \& 80 \& 3,736 \& 2,789 \& 9,987 \& 2,314 \& 11, 431 \& 10,010 \& 8,479 <br>
\hline All other states \& 6 \& 11 \& 11 \& 39 \& 11 \& 32 \& 74 \& - 42 <br>
\hline
\end{tabular}

OONFECTIONERY (ICE CREAM).

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 3,475 | 19,155 | 102,694 | \$87, 409 | \$21,699 | \$116,375 |  |  |
| 1914. | 2,437 | 10,376 | 45,600 | 33,703 | 6, 845 | 32,772 | $\begin{array}{r} \$ 18 \theta, 488 \\ 5 \pi, 083 \end{array}$ | $\begin{array}{r} \$ 73,108 \\ 23,211 \end{array}$ |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 18 | 120 | 658 |  |  |  |  |  |
| Arizona.. | 13 | 63 | 105 | 125 | 187 | 746 265 | 1,247 | 501 129 |
| Arkansas | 36 | 232 | 1,077 | 729 | 177 | 816 | 1,499 | 688 |
| Colorado. | 91 | 783 | 2,049 | 3,004 | 840 | 4, 014 | 6,718 | 2,704 |
| Connecticut | 33 | 97 | 328 | 354 | 100 | 758 | 1,278 | ${ }^{2}, 520$ |
| Delaware. | 18 | 377 69 | 1,858 | 1,749 | 403 | 2,104 | 3,408 | 1,304 |
| District of Columbia | 18 7 | 513 |  | 2,840 |  | 285 | 424 | 139 |
| Frorida............. | 20 | 513 | $\begin{array}{r}3,464 \\ 357 \\ \hline\end{array}$ | 2,888 402 | 686 56 | 1,402 | 4, 101 | $\begin{array}{r}2,699 \\ \hline 269\end{array}$ |

${ }^{2}$ Yncludes: Nevada, 2 establishmonts; Wyoming, 4.

TABLE 225.--SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| YEAR AND STATTB. | Number of estab-lishments. | $\begin{gathered} \text { Wage } \\ \text { earners } \\ \text { (average } \\ \text { num- } \\ \text { ber). } \end{gathered}$ | Primary horsepower. | Capital. | Wages | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

CONFECTIONERY (ICE CREAM)-Continued.

| Statcs, 1910-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Georgia............ | 25 | 219 | 1,073 | \$722 | \$189 | \$1, 347 | \$1,997 | \$050 |
| Idaho.. | 11 | 18 | 65 | 54 | 20 | - 139 | 189 | 50 |
| Tllinois. | 225 | 1,216 | 6,859 | 7,499 | 1,644 | 8,977 | 14, 892 | 5,915 |
| Indiana | 151 | 536 | 3,015 | 2,309 | 531 | 3,942 | 5, 632 | 1,690 |
| Yowa. | 123 | 371 | 2,294 | 1,868 | 407 | 2,544 | 3,968 | 1,424 |
| Kansas | 61 | 216 | 937 | 918 | 230 | 1,285 | 2,040 | 1,755 |
| Kentucky | 49 | 199 | 621 | 831 | 308 | 1,153 | 1,749 | 596 |
| Louisiana | - 21 | 150 | 316 | 477 | 120 | 1,232 | 1,820 | 588 |
| Maino. | 32 | 98 | 335 | 509 | 102 | 718 | 1,092 | 374 |
| Maryland. | 84 | 487 | 2, 249 | 2,118 | 509 | 2,572 | 4, 155 | 1,583 |
| Massnchuse | 148 | 832 | 2, 817 | 2,871 | 1,011 | 5,480 | 8,340 | 2, 860 |
| Michigan. | 92 | 462 | 2,396 | 2,353 | 596 | 3,282 | 5,302 | 2,020 |
| Minnesota. | 32 | 216 | 1,221 | 1,163 | 251 | 1,487 | 2,462 | 975 |
| Mississippi | 16 | 73 | 609 | 2,085 | 65 | 431 | . 757 | 326 |
| Missouri. | 94 | 653. | 2,754 | 3,297 | 767 | 3,594 | 5,917 | 2,323 |
| Montana. | 18 | 60 | 165 | 177 | 68 | 230 | 418 | 179 |
| Nebraska | 32 | 1.35 | 808 | 640 | 139 | 1,051 | 1,542 | 491 |
| New Hampshir | 16 | 45 | 127 | 153 | 41 | , 220 | 348 | 128 |
| New Jersay. | 147 | 744 | 2,783 | 3,446 | 762 | 4, 843 | 7,400 | 2,557 |
| New Mexico | 12 | 26 | 45 | 62 | 26 | 123 | 199 | 76 |
| New York. | 516 | 2,522 | 12, 842 | 12,380 | 3,004 | 14, 808 | 25,383 | 10,575 |
| North Carolina | 39 | 170 | 932 | 815 | 156 | 784 | 1,398 | 614 |
| North Dakota. | 14 | 40 | 109 | 205 | 33 | 256 | 362 | 106 |
| Ohio.... | 195 | 1,314 | 9,375 | 6,892 | 1, 584 | 8,017 | 14,039 | 6,022 |
| Oklahom | 45 | 187 | 1,803 | 1,080 | 223 | 1,325 | 2,246 | 921 |
| Oregon | 7 | 104 | 042 | 424 | 142 | 901 | 1,222 | 321 |
| Pennsylvain. | 476 | 3,125 | 18,343 | 17,882 | 3, 573 | 18,954 | 29,721 | 10,767 |
| Rhode Ishand. | 60 | 157 | 940 | 833 | 172 | 1,067 | 1,676 | 609 |
| South Carolina | 24 | 110 | 1,704 | 350 | 89 | 694 | 1,038 | 344 |
| South Dakota. | 10 | 24 | 152 | 125 | 27 | 216 | 294 | 78 |
| Tennessee. | 32 | 243 | 1,333 | 1,044 | 168 | 1,286 | 2,115 | 829 |
| Texas. | 101 | 765 | 3,592 | 2,713 | 723 | 3,546 | 5,578 | 2,032 |
| Utah. | 17 | 110 | - 182 | 221 | 99 | 604 | 915 | 311 |
| Vermont. | 14 | 37 | 123 | 189 | 37 | 252 | 508 | 226 |
| Virginit. | 45 | 337 | 1,480 | 1,826 | 387 | 2,095 | 3,421 | 1,326 |
| Washington | 33 | 160 | 701 | 575 | 238 | 1,101 | 1,901 | 800 |
| West Virgini | 57 | 247 | 2, 705 | 2, 622 | 319 | 1,575 | 2, 674 | 1,099 |
| Wisconsin. | 70 | 387 | 3,121 | 2,086 | 430 | 2,989 | 4,479 | 1,490 |
| All other statew ${ }^{\text {. }}$ | 10 | 22 | 135 | 82 | 29 | 172 | 302 | 130 |

## COOPERAGE.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919...... | 1,099 | 18,219 | 30, 698 | 848,854 | \$14,082 | \$58,521 | \$88,236 | \$29,715 |
|  | 1,250 | 17,128 | 38,290 | 30,690 | 9,161 | 32,944 | 50, 017 | 17,073 |
| 1909 | 1,374 | 19,489 | 42,636 | 39,540 | 8,970 | 32, 162 | 49,822 | 17,460 |
| 1904. | 1,517 | 21, 149 | 39, 110 | 29,533 | 9,485 | 31,093 | 49,424 | 18,331 |
| 1899. | 1,104 | 22,117 | 30,760 | 21,778 | 8,780 | 22,151 | 38,440 | 16,289 |
| 1880 | 2, 652 | 22,555 | 17,807 | 13, 277 | 10, 056 | 20, 637 | 38,618 | 17,981 |
| 1879. | 3,808 | 25,973 |  | 12,179 | 8,093 | 18, 441 | 33,715 | 15,274 |
| 1869. | 4,901 | 93,314 | 6,297 | 0,799 | 7,820 | 12, 832 | 26, 864 | 14,032 |
| 1859. | 2,707 | 13,760 |  | 4,354 | 4,285 | 4, 105 | 11,343 | 7,238 |
| 1849. | 2,002 | 11,916 |  | 2,383 | 3,201 | 2,045 | 7,126 | 4,481 |
| States, 1019. |  |  |  |  |  |  |  |  |
| Arkansas. | 12 | 672 | 2,047 | 2,004 | 579 | 1,740 | 3,367 | 1,627 |
| Caltornin, | 15 | 300 | 690 | 1,880 | 562 | 2,657 | 4,191 | 1,534 |
| Connocticut | 9 | 20 | 20 | 152 | 26 | 122 | 197 | 75 |
| Tlorida. | 17 | 227 | 398 | 557 | 180 | 772 | 1,122 | 350 |
| Georgia | 10 | 112 | 626 | 435 | 101 | 504. | 600 | 156 |
| Illinols. | 40 | 1,447 | 3,440 | 4, 850 | 1,793 | 7,673 | 11,577 | 3,904 |
| Indiana | 24 | 183 | 605 | 763 | 170 | 886 | 1,285 | 419 |
| Iowa. | 14 | 111 | 203 | 388 | 115 | 499 | 805 | 306 |
| Kansas. | 10 | 216 | 481 | 490 | 232 | 908 | 1,319 | 411 |
| Kentucky.. | 14. | 582 | 2,410 | 1,884 | 468 | 1,847 | 2,779 | 932 |

1 Includes: Nevada, 2 establishments; Wyoming, 14.

TABLE 225.-SUMMARY FOR TNDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Num ber of estab-lishments. | Wage earners (average ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Valuo added by manu- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expro | sed in thou | sands. |  |

COOPERAGE-Continued.

| States, 1919-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Louisiana. | 19 | 828 | 1,504 | \$2,826 | $\$ 653$ | \$2, 153 | \$3,215 | \$1,062 |
| Maine. | 69 | 120 | 267 | 728 | 116 | 408 | 658 | , 250 |
| Maryland. | 29 | - 173 | 129 | 759 | 166 | 697 | 1,414 | 817 |
| Massachusetts | 18 | 398 | 413 | 1,054 | 357 | 1,385 | 2,150 | 705 |
| Michigan.- | 35 | 83 | 139 | 1298 | 97 | 461 | 654 | 193 |
| Minnesota | 11 | 575 | 985 | 1,762 | 575 | 2,025 | 3,199 | 1,174 |
| Missouri. | 30 | 677 | 1,565 | 2,006 | 831 | 3,252 | 5, 160 | 1,908 |
| New Jersey | 45 | - 968 | 1,406 | 4,693 | 1,301 | 6,296 | 8,627 | 2,331 |
| New York. | 244 47 | 1,428 | 2,294 | 5,541 | 1,731 | 6,207 | 0,589 | 3,382 |
| Ohio....... | 58 | 701 | 2,043 | 2,801 | 790 | 3,380 | 830 | 338 |
| Oregon.. | 4 | 19 | 2, 38 | 2,92 | 24 | 3,380 102 | 1,883 149 | 1,497 |
| Pennsylvania. | 92 | 1,160 | 2,948 | 5,233 | 1,282 | 6,801 | 9,874 | , 47 |
| Rhode Island. | 7 | 12 | 22 | 35 | 1, 15 | - 57 | 94 | , 37 |
| Tennessee. | 11 | 211 | 555 | 1,331 | 229 | 1,109 | 1,446 | 337 |
| Texas.. | 9 | 276 | 833 | 1,568 | 245 | 1,723 | 2,205 | 482 |
| Vermont | 5 | 16 | 202 | . 28 | 12 | 13 | 46 | 33 |
| Virginia. | 109 | ${ }^{661}$ | 1,002 | 1,057 | 458 | 1,446 | 2,209 | 763 |
| West Virginia | 47 | 226 | , 727 | ${ }^{908}$ | 230 | 888 | 1,274 | 406 |
| Wisconsin.. | 20 | 266 | 1,020 | 916 | 288 | 728 | 1,236 | 508 |
| All other states ${ }^{\text {a }}$ | 19 | 269 | 1,065 | 1,407 | 286 | 1,424 | 2,022 | 598 |

COPPER, TIN, AND SHEET-IRON WORK.

| United States. <br> 1919 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914 | 4,527 | 28, 714 | 21, 257 | $\$ 89,945$ 57,396 | \$30,867 | $\$ 80,899$ 50,174 | \$160,314 | \$79,415 |
| 1909. | 3,671 | 28, 448 | 18,847 | 53,701 | 19,368 | 46,933 | 89,388 | 44,717 42,455 |
| 1904. | 1,989 | 22,556 | 11,195 | 31,944 | 13,760 | 27, 148 | 86,082 | - 28,034 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 33 | 319 | 173 | 641 | 290 | 1,207 | 1,001 | 784 |
| Arizona. | 16 | 51 | 110 | 188 | 78 | 256 | 437 | 181 |
| Arkansas | 32 | 104 | 133 | 453 | 102 | 515 | 759 | 244 |
| California | 322 | 1,462 | 1,180 | 4, 101 | 1,952 | 3,240 | 7,150 | 3,919 |
| Colorado. | 49 | 220 | - 37 | 794 | 283 | 082 | 1,411 | ${ }^{3} 729$ |
| Connecticut | 81 | 292 | 187 | 1,173 | 359 | 672 | 1,427 | 755 |
| Delaware. | 11 | 02 | 8 | 129 | 83 | 95 | 255 | 100 |
| District of Columbi | 22 | 144 | 65 | 205 | 175 | 182 | 526 | 344 |
| Florida.. | 22 | 99 | 81 | 412 | 117 | 297 | 540 | 243 |
| Georgia | 43 | 332 | 197 | 1,051 | 338 | 828 | 1,379 | 551 |
| Idaho. | 7 | 16 |  | 851 | 21 | 52 | 191 | 39 |
| Illinois. | 391 | 2,232 | 2,269 | 8,296 | 2,803 | 6,143 | 13,208 | 7,062 |
| Indiana | 172 | 696 | 488 | 1,926 | 790 | 2,702 | 4,587 | 1,885 |
| Iowa. | 120 | 803 | 570 | 3,079 | 914 | 2,634 | 5,062 | 2, 428 |
| Kansas. | 47 | 194 | 219 | 604 | 215 | 410 | 949 | 839 |
| Kentucky | 44 | 276 | 287 | 1,309 | 202 | 1, 807 | 2,716 | 819 |
| Loudsiana | 43 | 438 | 497 | 079 | 489 | 1,137 | 2,152 | 1,015 |
| Maine. | 23 | 08 | 75 | 120 | 89 | 117 | 310 | 1108 |
| Maryland | 73 | 444 | 634 | 1,269 | 564 | 046 | 2,107 | 1, 161 |
| Massachus | 137 | 1,533 | 1,926 | 4,382 | 1,919 | 3,228 | 8,316 | 5,088 |
| Michigan. | 115 | -694 | 471 | 2,0¢0 | 956 | 1,722 | 3,791 | 2,060 |
| Minnesota | 128 | 758 | 586 | 2,790 |  | 2,063 | 3,803 | 1,740 |
| Mississipp | 14 | 84 | 34 | 132 | 88 | 153 | 462 | 1,309 |
| Missouri | $\begin{array}{r}180 \\ 34 \\ \hline\end{array}$ | 1,208 | 1,137 | 4,168 | 1,476 | 4, 552 | 8,146 | 3,594 |
| Nebraska. | 49 | 156 | 221 | 772 | 122 | 293 | 506 | 272 |
| Nerada. | 4 | 9 | 0 | 22 | 14 | 80 | 1, 028 | 468 |
| Now Hamps | 8 | 29 | 14. | 92 | 34 | 104 | 212 | 108 |
| Now Jersey. | 151 | 921 | 836 | 2,504 | 1,235 | 2,183 | 4,711 | 2,378 |
| New Mexico | , | 13 |  | 35 | 21 | -32 | 60 | , 37 |
| New York. | 647 | 3,847 | 2,774 | 11,683 | 4,865 | 10,356 | 21,831 | 11,475 |

[^26]TABLE 225.-SUMMARY FOR INDUSTRTES: COMPARATIVE FOR THE UNTTED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage carners (average num. ber). | Primary horsopower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manafacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

COPPER, TIN' AND SHEET-IRON WORX-Continuod.

| States, 1010-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| North Carolina.............. | 86 | 336 | 223 | \$858 | \$403 | \$808 | \$1,717 | \$009 |
| North Dakota. | 16 | 65 | 81 | 320 | 80 | 217 | ${ }^{411}$ | 194 |
| Ohio... | 262 | 2, 650 | 3,105 | 9,081 | 2,916 | 8,489 | 15,809 | 7,320 |
| Oklahoma. | 75 | 187 | 42 | 458 | 263 | ${ }^{8} 32$ | ${ }^{15} 984$ | -552 |
| Oregon. | 63 | 204 | 264 | 701 | 325 | 598 | 1,339 | 741 |
| Pennsylvania. | 453 | 2,883 | 2,340 | 8,013 | 3,670 | 7,034 | 14, 824 | 7,790 |
| Rhodersland. | 44 | 230 | 132 | 685 | 284 | 433 | 1,006 | 573 |
| South Carolina. | 13 | 107 | 14 | 188 | 132 | 275 | 491 | 216 |
| South Dakota. | 29 | 65 | 142 | 366 | 78 | 293 | 542 | 249 |
| Tennessco. | 59 | 235 | 53 | 333 | 225 | 376 | 839 | 463 |
| Texas. | 215 | 740 | 397 | 1,784 | 883 | 2,231 | 4,207 | 1,976 |
| Utah.. | 48 | 140 | 162 | 524 | 178 | ${ }^{542}$ | 1,017 | ${ }^{1} 475$ |
| Vermont. | 15 | 111 | 60 | 389 | 112 | 305 | 1,570 | 265 |
| Virginia. | 39 | 229 | 108 | 544 | 206 | 462 | 1, 109 | 647 |
| Washington. | 110 | 409 | 332 | 1,480 | 631 | 1,142 | 2,547 | 1,405 |
| West Virginia................ | 39 | 170 | 170 | 789 | 230 | 1,608 | 2, 151 | ${ }^{1} 543$ |
| Wisconsin................... | 199 | 1,302 | 1,275 | 6,844 | 1,415 | 6,336 | 10,669 | 4,273 |
| Wyoming. | 4 | 4 | 1 | 10 | 5 | 14 | 25 | 11 |

CORDAGE AND TWINE.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 120 | 17,622 | 66, 643 | \$100, 249 | \$14,700 | \$89, 705 | \$133, 366 | \$43, 661 |
| 1914 | 105 | 15,769 | 55, 377 | 72, 472 | 6,996 | 43, 605 | 59, 761 | 16, 156 |
| 1909 | 112 | 14,629 | 47, 269 | 52,305 | 5,304 | 29, 315 | 41, 942 | 12, 627 |
| 1004. | 102 | 14, 614 | 41, 041 | 37,111 | 5,338 | 36, 096 | 48,017 | 11, 921 |
| 1899. | 105 | 13,114 | 33,657 | 29, 275 | 4,113 | 26, 632 | 37, 850 | 11, 218 |
| 1889 | 150 | 12,385 | 23, 666 | 23,352 | 3,076 | 24,052 | 33,313 | 9,261 |
| 1879. | 165 | 5,435 |  | 7,140 | 1,559 | 0, 330 | 12, 492 | 3,162 |
| 1869. | 201 | 3,698 | 3,045 | 3,530 | 1,234 | 5,740 | 8,979 | 3,239 |
| 1859 | 100 | 3,478 |  | 2,938 | 960 | 5,065 | 7,843 | 2,178 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 4 | 475 | 2, 5880 | 1,032 | 301 | 1,581 | 2,231 | 650 |
| Comnecticut | 9 | 348 | 1, 160 | 1,318 | 226 | 1,438 | 1,933 | 495 |
| Kentucky. | 4 | 469 | 1,185 | 1,258 | 270 | 942 | 1,844 | 902 |
| Massachusetti | 13 | 2,743 | 10, 957 | 26, 094 | 2,360 | 19,431 | 28, 086 | 8,655 |
| Now Jersey | 6 | 2,334 | 6, 376 | 10, 820 | 1,795 | 9,789 | 14, 540 | 4,751 |
| New York. | 20 | 3,918 | 16,267 | 25, 993 | 3,683 | 17,606 | 27, 644 | 10,038 |
| North Carolina | 5 | 444 | 2, 175 | 1,567 | 259 | 1,805 | 2, 386 | ${ }^{581}$ |
| Ponnsylvania. | 19 | 1,970 | 5, 283 | 9,444 | 1,723 | 5,968 | 0, 843 | 3,875 |
| Rhodolsland. | 5 | 125 | 589 |  |  | 450 | 645 | 195 |
| All other states ${ }^{2}$ | 35 | 4,796 | 20,071 | 22,381 | 3,901 | 30,695 | 44, 214 | 13,519 |

OORDIALS AND FLAVORING SIRUPS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 149 | 1,398 | 3,177 | \$11, 674 | \$1, 297 | \$30,999 | \$46,807 | \$15, 808 |
| 1914. | 142 | 929 | 2,070 | 5,585 | 461 | 7,596 | 15,31.6 | 7,720 |
| 1009. | 117 | 1,095 | 1,154 | 4,804 | 503 | 5, 341 | 9, 662 | 4,321 |
| 1804. | 63 | 660 | 782 | 1, 886 | 235 | 2,149 | 3,510 | 1,361 |
| 1890. | 89 | 362 | 573 | 1, 153 | 117 | 1,505 | 2,107 | 602 |
| 1880. | 40 | 281 | 280 | 784 | 111 | 1,231 | 1,903 | 672 |
| 1879. | 16 | 81 |  | 128 | 43 | 211 | 331 | 120 |
| 1860. | 33 | 258 | 27 | 627 | 119 | 505 | 955 | 450 |

[^27]TABLE 225.-SUMMARY FOR TNDUSTRREA: COMPARATHE FOK THE UNITED STATES


CORDIALS AND TLAVORING SIRUPS Contintem.


| United S'ale: |
| :---: |
| 1910. |
| 1914. |
| 1909. |
| 1904. |
| 1899. |
| 1889. |
| 1879. |
| 1869. |
| 1850. |
| 1849. |
| - States, 1010. |
| Massachusetts. |
| New Jorsey. |
| New York. |
| Pennsylvania. |
| All other states ${ }^{2}$ |




COR8KTM.

| 1010.................. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914 | 167 | 20, 106 | ${ }^{7} 186$ | 8, 46 | \%13, 年\% | *s, R111 | * 78.542 | 800700 |
| 1909 | 188 | 17, 6.4 |  | is, 4 , 4 | 7, 1078 |  | 414.64 | 20.004 |
| 1904 | 109 | 10, 078 | 3,284 |  |  | 15, 41.18 | 83, 287 | 17017 |
| 1889 | 138 | 12, 297 | 3,648 | 7, ${ }^{\text {\% }}$, | 4, 44.4 | 4, 13.8 | 1, 814 | 8,727 |
| 1879. | 205 | ${ }^{10,088}$ | 1,3106 | 6, 440 | 4, 200 |  | 12.408 | 8,094 |
| States, 1910. | 118 |  |  | 1,017 | 1,746 | 3, 0 al | 6, 408 | 0,740 4888 |
| Conneeticut. | 10 | 8,610 |  |  |  |  |  |  |
| Milunols.... | 22 | 2,84 | , 481 | \% ${ }_{6}$ | 4, 1, 20 | 12, 46 | 20,688 | 8878 |
| Magachins | 11 | 1,205 | 88 | 4,200 | 1, | 4, 4168 | 9,74 | 4, 808 |
| New Jersoy. | ${ }_{21}{ }^{12}$ | 1, 620 | 72 | 4, \% ${ }^{\text {a }}$ | 1,41 | 2,413 | $7{ }^{7} 8$ | 8804 |
| New York. | 4 | 8, 8,88 | 8 | 578 | 1,683 | 4,410 | \% 40 | 48 |
| Ponnsylvana | 13 | -,688 | 10\% | 7808 |  | - 4 , 61 | 16, 0103 | 8608 |
| All other states ${ }^{\text {a }}$. | 16 | 710 | 107 | *64 | 4 k 0 | 294 | 2082 | 1,178 |
|  |  | 10 | 128 |  | 413 | 1, 6\% ${ }^{2}$ | 3.604 | 1.188 |





TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR $1919-C o n t i n u e d$.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab. } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage carners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

COTTON GOODS.

| United States. <br> 1919. | 1,288 | 430,966 | 1,840, 201 | \$1,853,100 | \$355,475 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914 | 1,179 | 370, 368 | 1,566,757 | 807,044 | 146,130 | +131,603 | \$2,125,272 | $\begin{array}{r} \$ 847,486 \\ 244,966 \end{array}$ |
| States, 1010. |  |  |  |  |  |  |  |  |
| Alabama. | 58 | 18, 102 | 73,569 | 69,673 | 11,358 | 51,339 | 79,643 | 28,304 |
| Connect | 47 | 15, 047 | 71,856 | 85, 810 | 14,784 | 64, 411 | 101, 551 | 37, 140 |
| Georgia. | 132 | 38,283 | 150, 363 | 150, 192 | 26,278 | 123, 439 | 192, 186 | 68, 747 |
| Illinois.. | 7 | 1,277 | 4,546 | 4,728 | 1.086 | 4,509 | 6, 484 | 1,975 |
| Indiana. | 4 | 997 | 4,550) | 3,628 | 701 | 2, 490 | 4,353 | 1, 863 |
| Kentucky. | ${ }^{6}$ | 967 | 5,524 | 4,108 | 639 | 2,925 | 4, 459 | 1,534 |
| Maine. | 14 | 11,763 | 71, 702 | 54,738 | 11,426 | 29, 424 | 56,564 | 27, 140 |
| Maryland. | 14 | 3,416 | 17,323 | 16,441 | 2,991 | 11, 428 | 18,455 | 7,027 |
| Massachuse | 191 | 122, 499 | 523, 645 | 504, 235 | 109,003 | 359, 675 | 596, 687 | 237,012 |
| Mississippi. | 1.5 | 2,406 | (3,039 | 6,880 | 1,537 | 4, 974 | 8,067 | 3,093 |
| Now Hampsh | 16 | 21,183 | 90, 895 | 83, 219 | 18,136 | 46,998 | 85,986 | 38,988 |
| New Jorsey | 33 | 9,261 | 22,373 | 53, 853 | 8,116 | 40,612 | 58,706 | 18, 094 |
| Now York. | 37 | 0,222 | 47,861 | 46, 213 | 8,800 | 28, 103 | 49, 076 | 20,973 |
| North Carolin | 311 | 67,297 | 208, 463 | 268, 323 | 49,135 | 186, 780 | 318, 368 | 131,588 |
| Pennsylvania | 118 | 9,767 | 21,504 | 45, 864 | 10,201 | 38,820 | 66, 404 | 27,584 |
| Rhode Island | 74 $\times 45$ | 31,405 48,070 | 111,986 267,090 | 120, 068 | 28,974 | 88, 283 | 155, 488 | 67,205 |
| South Carolin | 145 10 | 48,079 4,895 | 267,080 | 2418, 327 | 36,402 | 137, 084 | 228, 440 | 91,356 |
| Texas.. | 15 | 2, ${ }^{4} 83$ | 14,210 | 21, 1065 | , 171 | 14, 205 | 22,460 | 8,165 |
| Vermont | 4 | 1,092 | 6,561 | 4,478 | 1,907 | 2,127 | 13,920 | 4, 805 |
| Virginia. | 10 | 6,518 | 38,903 | 33, 732 | 6,077 | 17,544 | - 32,535 | -14,991 |
| Wisconsin | 6 | 171 | 1,073 | ${ }^{697}$ | 129 | ${ }^{17} 885$ | - 1,270 | 85 |
| All other states 1. | 15 | 4,086 | 13,112 | 16,779 | 2,884 | 12,326 | 19,786 | 7,460 |

COTTON LACE.


COTTON SMALL WARES.


[^28]TABLE 225-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| Yibar and state: | $\begin{aligned} & \text { Nutri- } \\ & \text { ber or } \\ & \text { estab- } \\ & \text { lisht- } \\ & \text { ments. } \end{aligned}$ | $\left\lvert\, \begin{gathered} \text { Wage } \\ \text { earners } \\ \text { (average } \\ \text { nuith- } \\ \text { ber). } \end{gathered}\right.$ | Prlmaty horsepower. | Capital. | Wages. | Cost of materials. | Valtae of products. | Value added by matitfacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thotssands. |  |  |  |  |

COTTON SMALL WARES-Continued.

| States, 1919. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Connecticut. | 5 | 108 | 145 | \$334 | \$78 | \$166 | 8416 | \$250 |
| Illinois. | 3 | 261 | 220 | 402 | 159 | 529 | 901 | 372 |
| Massachusetts.. | 40 | 1,651 | 2,722 | 5,356 | 1,239 | 5,245 | 8,250 | 3,005 |
| New Hampshire. | 5 | 111 | 85 | 328 | 97 | 245 | 405 | ${ }^{160}$ |
| New Jersey.. | 6 | 209 | 258 | 488 | 1.50 | 400 | 771 | 371 |
| New York. | 15 | 449 | 670 | 1,237 | 368 | 1,216 | 2,085 | 849 |
| Ponnsylvania | 37 | 2,472 | 2,054 | 7,451 | 1, 694 | 5,696 | 9, 384 | 3,608 |
| Rhodelsiand. | 48 | 3,990 | 7,728 | 13, 237 | 3,274 | 0,092 | 17,824 | 7, 832 |
| All other states ${ }^{\text {d }}$ | 5 | 145 | 381 | 728 | 103 | 551 | 901 | 350 |

CRUCIBLES.


CUTLERY AND EDGE TOOLS.


[^29]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | $\begin{array}{\|c\|} \text { Wage } \\ \text { earners } \\ \text { (average } \\ \text { num- } \\ \text { ber). } \end{array}$ | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

DAIRYMEN'S, POULTRYMEN'S, AND APIARISTS' SUPPLIES.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 244 | 6,437 | 11,756 | \$36,095 | \$7,078 | \$18,527 | \$37,397 | \$18,870 |
| 1914. | 238 | 5,551 | 11, 639 | 21, 281 | 3,363 | 9,248 | 18,950 | 9,702 |
| 1909. | 233 | 4,871 | 6,898 | 15,188 | 2,671 | 6,089 | 15,463 | 9,374 |
| 1904. | 176 | 2,608 | 3,994 | 5,030 | 1,167 | 3,203 | 6,545 | 3,342 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California | 20 | 97 | 372 | 380 | 102 | 436 | 669 | 233 |
| Illinois.. | 26 | 609 | 820 | 3,175 | 679 | 1,323 | 3,506 | 2,183 |
| Indiana. | 10 | 256 | 226 | 669 | 162 | 375 | 730 | , 355 |
| Iowa.... | 12 | 434 | 1,249 | -2,411 | 514 | 1,869 | 3,177 | 1,308 |
| Michigan.. | 13 | 125 | 120 | 534 | 118 | ${ }^{1} 285$ | . 635 | ${ }^{1} 350$ |
| Minnesota. | 6 | 86 | 128 | 724 | 110 | 317 | 765 | 448 |
| Now York. | 34 | 2,450 | 3,938 | 15,727 | 2,900 | 6,524 | 14,700 | 8,176 |
| Ohio.. | 14 | 445 | 696 | 2,339 | 430 | 2,056 | 3,471 | 1,415 |
| Oregon. | 3 | 4 | 30 | 21 | 3 | ${ }^{9}$ | 25 | 16 |
| Pennsylvania | 17 | 689 | 1,287 | 3,789 | 768 | 1,144 | 2,381 | 1,237 |
| Tennessee.. | 4 | 16 | 43 | 35 | 15 | 45 | 108 | 63 |
| Wisconsin. | 33 | 501 | 1,264 | 2, 428 | 519 | 1,661 | 3,065 | 1,404 |
| All other states 1 | 52 | 725 | 1,583 | 3,863 | 762 | 2,483 | 4,165 | 1,682 |

DENTAL GOODS.

| United States: |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919.. | 319 | 5,224 | 2,716 | \$17,905 | \$4,464 | \$16,420 | \$29,402 | \$12,982 |
| 1914. | 172 | 3,080 | 1,874 | 10,949 | 1,616 | 10,715 | 16, 160 | 5,445 |
| 1909. | 87 | 1,573 | 865 | 6,258 | 744 | 8,101, | 10, 836 | 2,735 |
| 1904 | 80 | 1,922 | 1,113 | 4,081 | 949 | 5,510 | 7,810 | 2,300 |
| 1899. | 68 | 1,017 | 375 | 2,112 | 509 | 2,109 | 3,721 | 1,612 |
| 1880 | 24 | 1,011 | 225 | 2,908 | 543 | -994 | 2, 595 | 1, 601 |
| 1879. | 20 | 490 |  | 841 | 238 | 248 | 861 | 613 |
| 1869. | 10 | 346 | 32 | 838 | 243 | 182 | 579 | 397 |
| 18502. | 11 | 176 |  | 304 | 68 | 206 | 368 | 162 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California | 10 |  | 19 | 60 | 76 | 135 | 309 | 174 |
| Colorado. | 5 | 34 | 12 | 18 | 41 | 55 | 146 | 91 |
| Georgia. | 4 | 64 | 30 | 82 | 70 | 201 | 382 | 181 |
| thlinols. | 21. | 319 | 125 | 527 | 324 | 508 | 1,380 | -1877 |
| Indiana. | 8 | 0 | 11 | 81 | 13 | 39 | 1,71 | - 32 $\cdots \quad 11$ |
| Maryland. ... | 6 | 41 | 8 | 23 | 30 | 48 | 117 | 71 |
| Massachusetts. | 9 | 40 | 27 | 143 | 39 | 692 | 881 | 189 |
| Michigan... | 8 | 85 | 54 | 191 | 98 | 97 | 319 | 222 |
| Minnesota | 8 | 152 | 30 | 140 | 150 | 699 | 946 | - 247 |
| Missouri... | 8 | 37 | 37 | 89 | 47 | 277 | 450 | - 173 |
| Now Jersay | d | 13 | 54 | 42 | 15 | 54 | 99 | - 45 |
| Now York. | 04 | 843 | 825 | 3,658 | 881 | 5,689 | 7,737 | $\therefore 2,048$ |
| Oregon. | 6 | 13 | 3 |  | 18 | 20 | - 57 | $\square$ |
| Pennsylyania | 56 | 2,853 | 1,000 | 0,239 | 2,124 | 3,275 | 9,300 | $\therefore 6,025$ |
| Rhode Island. | 5 |  |  |  |  |  |  |  |
| Tennessec.a. | 8 | 16 | 2 | 8 | 16 | 16 | 43 | - $\quad 27$ |
| Toxas.. | 3 | 8 | 5 | 26 | 6 | 14 | 31 | \%1 17 |
| Utalh. | 4 | 13 |  | 14 | 13 | 22 | 57 | 35 |
| Yirginia... | 8 | 11 | 7 | 8 | 12 | 24 | 53 | 29 |
| Wisoonsin. | 7 | 54 | 19 | 71 | 01 | 85 | 208 | 123 |
| All other states | 41. | 537 | 436 | 8,516 | 440 | 4,406 | 6,783 | 2,317 |

[^30]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| YEAR AND STATE. | Number of estab-lishments. | Wage earners (average numnber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expres | sed in thou | Lsands. |  |

DRUG GRINDING.


## DRUGGISTS' PREPAR ATIONS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 524 | 15,568 | 12, 608 | \$102,129 | \$12, 162 | \$55, 138 | \$114, 593 | \$50, 455 |
| 1914 | 416 | 9, 277 | 8,417 | 46, 638 | 4,755 | 22,035 | 48,010 | 25,075 |
| 1909. | 375 | 0,490 | 9,580 | 37,767 | 1,158 | 17, 817 | 13,058 | 26, 111 |
| 1904. | 240 | 7,410 | 6, 1.02 | 25,152 | 2,703 | 13, 120 | 31,752 | 18,362 |
| 1899. | 173 | 6, 658 | 3,813 | 16,005 | 2,007 | 10, 811 | 22,715 | 11,901 |
| 18892 | 1,805 | 2,031 | 51 | 4, 025 | 810 | 2, 112 | 6, 6180 | 4,248 |
| States; 1919. |  |  |  |  |  |  |  |  |
| California. | 15 | 222 | 95 | 1,008 | 182 | 703 | 1,153 | 485 |
| Connecticat. | - 6 | 21 | 128 | 246 | 18 | 50 | 71 | 21 |
| District of Columbia | 3 | 32 | 16 | 244 | 23 | 182 | 313 | 131 |
| Georgia. | 5 | 54 | 9 | 141 | 28 | 208 | 431 | 226 |
| Illinois. | 31 | 503 | 915 | 3,676 | 446 | 2,113 | 4,889 | 2,776 |
| Indiana | 25 | 1,409 | 1,031 | 6,598 | 775 | 4,642 | 9,257 | 4,615 |
| Iowa.. | 15 | 234 | 161 | 1,607 | 266 | 2, 011 | 3,070 | 1,059 |
| Kansas. | 17 | 184 | 106 | 1,402 | 234 | 2,763 | 3,605 | 932 |
| Kentucky | 6 | 14 | 8 |  | 7 | 37 | 70 | 33 |
| Louisiana | 3 | 12 | 3 | 23 | 10 | 14 | 44 | 30 |
| Maine... | 3 | 15 | 1 | 83 | 7 | 34 | 61 | 27 |
| Maryland. | 13. | 696 | 704 | 4,492 | 482 | 3,362 | 6, 407 | 3,045 |
| Massachuset | 24 | 1,609 | 757 | 15,397 | 1,307 | 4,953 | 9,990 | 5,037 |
| Michigan. | 16 | 3,219 | 1,471 | 26,343 | 2,830 | 9,096 | 28,904 | 13,908 |
| Minnesotia | 6 | 142 | 87 | 1,075 | 88 | 258 | 619 | 361 |
| Missouri. | 36 | 646 | 1,060 | 3, 253 | 333 | 2,590 | 4,832 | 2, 242 |
| Nobraska. | 11 | 89 | + 93 | 1,482 | 90 | 334 | 929 | 595 |
| New Jersey | 16 | 094 | 1,436 | 3,401 | 5013 | 3,091 | 5,385 | 2, 244 |
| New York.:- | 98 | 2,210 | 2,113 | 11,760 | 1,223 | 8, 621 | 18,000 | 0,379 |
| North Carolina | 4 29 | ${ }_{525}^{1}$ | 422 | 2,467 | 305 | 8 1,780 | 3.9418 |  |
| Pennsylvania | 62 | 2,215 | 1,821 | 13,128 | 1,997 | 4, 808 | 12, 006 | 7,798 |
| Rhode Island. | 8 | 2,15 | 1.14 | - 98 | 1, 12 | , 54 | ${ }^{120} 12$ | ${ }_{68}$ |
| Tennossoe. | 16 | 136 | 54 | 2,709 | 83 | 1,108 | 1,893 | 700 |
| Texas. | 9 | 109 | 40 | 400 | 89 | 180 | 770 | 680 |
| Virginia. | 9 | 18 |  | 81 | 15 | 46 | 129 | - 88 |
| Washington | 7 | 20 | 12 | 90 | 23 | 89 | 288 | - 104 |
| Wisconsin. | 6 | 33 | 63 | 220 | 86 | 148 | 347 | - 109 |
| All other states 8 . | 25 | 101 | 72 | 646 | 81. | 800 | 1,888 | 522 |

${ }^{1}$ Inoludes: Maryland, 1 establishment; Massachusotte, 4; Minnosota, 1; Now Jorsoy, 5; North Carolina, 1; Virginia, 1; Wisconsin, 1.

2 Includes custom and neighborhood shops in 1889.
Includes: Alabama, 8 establishments; Arkansas, 1; Colorado, 3; Misissippl, 1; Montana, 1; New Thmpshire, 3; North Dakota, 1; Oklahoma, d; South Carollna, 3; South Dakota, 1; West Virginia,2; Utah, 1 ; Vermont, 1.

TABLE 225.-SUMMARY FOR INDUSTRIES: OOMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| ygar and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish. } \\ & \text { ments. } \end{aligned}$ | Wage earners (average num ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sed in thot | usands. |  |

DYEING AND FINISHING TEXTILES, EXCLUSIVE OF THAT DONE IN TEXTILE MILLS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 628 | 55, 985 | 160,430 | \$220,948 | \$57,190 | \$174, 743 | \$323,96S | \$149,225 |
| 1914. | 507 | 48,467 | 130, 172 | 139, 194 | -24, 872 | 56,705 | 100, 292 | 52,587 |
| 1909. | 426 | 44, 046 | 107,746 | 114, 093 | 21; 227. | 35, 261 | 83, 556 | 48, 295 |
| 1904. | 360 | 35,565 | 84, 868 | 88, 709 | 15,460 | 19, 621 | 50, 850 | 31,229 |
| 1809. | 208 | 20, 776 | 60, 238 | 60,613 | 12,726 | 17,958 | 44,963 | 27,005 |
| 1889. | 248 | 19, 601 | 57,035 | 38, 451 | 8,912 | 12, 385 | 28,901 | 16,516 |
| 1879. | 191 | 16, 198 |  | 26, 224 | 6,474 | 13, 664 | 32, 297 | 18, 633 |
| 1869. | 42 | 8,804 | 8, 853 | 13,368 | 3,438 | 146,373 | 154,416 | 8,073 |
| 1859. | 29 | 4, 005 |  | 3, 517 | 1,088 | 3,885 | 7,071 | 4,086 |
| 1849. | 42 | 4,080 |  | 3,923 | 1,089 | 110,462 | ${ }^{1} 13,681$ | 3,210 |
| States, 1910. |  |  |  |  |  |  |  |  |
| Comnoeticu | 16 | 1,018 | 9,427 | 8,627 | 2,234 | 3,450 | 8,350 | 4,900 |
| tilinois... | 11 | 1,403 | 745 | 1,642 | 373 | 1,095 | 2,219 | 1,124 |
| Massachusel | $\begin{array}{r}62 \\ \hline 182\end{array}$ | 12,321 | 39,183 | 58, 279 | 12,241 | 44,210 | 75, 262 | 31,052 |
| New Jorsey | 132 | 14, 492 | 28,703 | 47, 239 | 14,932 | 44, 222 | 79, 305 | 35,083 |
| New York. | 133 | 6,076 | 17, 150 | 26,435 | 6,167 | 24, 178 | 41,693 | 20,515 |
| North Carolima | 8 | 414 | 1, 431 | 1,445 | 229 | 741 | 1, 243 | 502 |
| Ohio.. | 6 | 389 | 3,551 | 2,108 | 383 | 745 | 1,514 | 769 |
| Pemnsylvania | 188 | 7,381 | 18, 140 | 29,806 | 8,121 | 19,714 | 42,475 | 22, 761 |
| Rhode Island | 67 | 0,819 | 28, 920 | 30, 960 | 9,357 | 20, 927 | 42,258 | 21,381 |
| All other states ${ }^{2}$ | 80 | 3,822 | 13,230 | 14,407 | 3,153 | 15,401 | 26,649 | 11,188 |

DYESTUFFS AND EXTRACTS-NATURAK. ${ }^{8}$


[^31]TABLE 225.-SUMMARY FOR TNDUSTRIES: COMPARATIVE FOR THE UNITED STATES,
BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919 | 1,404 | 212,374 | 438, 839 | \$857, 855 | \$238, 189 | \$425, 098 | \$997,068 | \$5:2,870 |
| 1914 | 1,030 | 118,078 | 227, 731 | 355,725 | 73, 8103 | 154,728 | 335, 170 | 180, 442 |
| 1909 | 1,009 | 87, 256 | 158, 768 | 267, 844 | 49;381 | 108, 566 | 221,309 | 112, 743 |
| 1904 | 784 | 60,466 | 105, 376 | 174, 066 | 31,842 | 60, 837 | 140,809 | 73,972 |
| 1899 | 581 | 42,013 | 43, 874 | 83, 660 | 20, 579 | 40, 458 | 92, 43.4 | 42,976 |
| 1889 | 189 | 8, 802 | 7,494 | 18,997 | 4,517 | 8,819 | 19, 115 | 10, 296 |
| 1879 | 76 | 1,271 |  | 1,510 | 683 | 1,116 | 2,655 | 1, 539 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 73 | 2,008 | 3,864 | 7,691 | 1,884 | 5,030 | 11,3088 | 6,338 |
| Colorado | 8 |  |  |  |  |  | 139 |  |
| Connecticu | 54 | 11,403 | 15,368 | 44, 916 | 12,454 | 23, 412 | 5.1, 911 | 28,469 |
| Illinois. | 161 | 27, 290 | 32, 660 | 96, 811 | 30,571 | 51,623 | 119,528 | 67,902 |
| Indiana | 47 | 11, 756 | 32,611 | 35,430 | 11, 1 (1) 7 | 20, 8180 | 41,594 | 20,784 |
| Iowa.. | 7 |  | 90 | 325 | 79 | 139 |  |  |
| Kentucky | 9 | 255 | 439 | 1,113 | 243 | 554 | 1,137 | 583 |
| Louisiana | 5 | 32 | 36 | 110 | 28 | 66 | 154. | 98 |
| Maryland. | 13 | 137 | 188 | 239 | 145 | 157 | 523 | 366 |
| Massachuset | 110 | 23, 889 | 36,367 | 90, 954 | 27,050 | 31, 337 | 91,039 | 60, 102 |
| Michigan. | 54 | 4,190 | 5;659 | 15,967 | 4,685 | 9,035 | 25,020 | 15, 99.1 |
| Minnesota | 20 | :942 | 881 | 2,373 | 763 | 2,033 | 4,354 | 2,321 |
| Missouri. | 35 | 6,367 | 6,128 | 21,324 | 5,684 | 8,162 | 22,008 | 13,840 |
| Nebraska | 6 | 88 | 77 | 272 | 92 | 213 | 420 | 207 |
| New Hampsh | 7 | 425 | 57. | 920 | 360 | 643 | 1.464 | 821 |
| New Jersey | 105 | 26, 135 | 51,664 | 114,814 | 27,306 | 58,083 | 120,341 | 61,358 |
| New York | 255 | 37, 598 | 136, 321 | 162, 681 | 45, 722 | 73, 830 | 179, 972 | 106, 133 |
| North Carol |  | 270 |  | 379 | 131. | 355 | ${ }^{(163}$ | 308 |
| Ohio. | 189 | 20,672 | 42,753 | 103,341 | 30,602 | 72, 2137 | 150,924 | 84,627 |
| Oregon. | 9 | 20 |  |  |  |  | 103 | 65 |
| Pennsylvania | 129 | 24, 228 | 58,366 | 120,116 | 30, 031 | 51,358 | 132, 67.4 | 81,316 |
| Rhode Isiand | 3 | 1,513 | 3,087 | 5, 049 | 1,346 | 3,127 | 7, 567 | 4,440 |
| Tennessee | 4 | 52 | 123 | 132 | 44 | 70 | 185 | 115 |
| Texas. | 6 | 33 | 98 | 149 | 46 | 92 | 175 | 83 |
| Washington | 12 | 190 | 632 | 1,931 | 202 |  | 1,067 | 421 |
| Wisconsin. | 43 | 5,875 | 7,470 | 21, 881 | 6,028 | 0,308 | 23,036 | 14,268 |
| All other states 1 | 29 | 886 | 2,970 | 2,777 | 828 | 1,131 | 2,810 | 1,685 |

ELECTROPLATING.


1 Includes: Alabama, 1 establishment; Arlmansas, 1 ; District of Columbia, 1 ; Florida, 1 ; Georgia, 2 ; Idaho, 1 ; Kansas, 2; Maine, 1 ; Montana, 1; North Dakota, 1; Soulh Carolina, 2; South Dakota, $1 ;$ Utah, 2; Vermont, 1 ; Virginla, 5 ; West Virginia, 6.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR TEE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners(average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | ssed in tho | asands. |  |

ELECTROPLATING-Continued.

| States, 1919-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 27 | 87 | 183 | \$120 | \$106 | \$63 | \$251 | \$188 |
| New Jersoy York........................... | 133 | 681 | 1,486 | 0.51 | 891 | 453 | 2,174 | 1,721 |
|  | 39 | 236 | 834 | 275 | 326 | 159 | 71.8 | 559 |
| Pennsylvania | 37 | 172 | 427 | 245 | 213 | 114 | + 533 | 419 |
| Rhodo Islund. . . . . . . . . . . . . | 23 | 221 | 166 | 419 | 199 | 614 | 1,044 | 430 |
| Texas...... | 6 | 16 | 48 | 13 | 18 | 7 | 42 | 35 |
| Washlngton................... | 14 | \% 730 | 48 | 13 | 13 | 9 | 36 | 27 |
| Wisconsin................... | 14 | - 130 | 324 103 | 202 | 123 | 76 | 289 203 | 213 |
| All other states r........... | 18 | 63 | 193 | 108 | 86 | 49 | 203 | 154 |

EMERY AND OTHER ABRASIVE WHEELS.


ENTAMEELING.

|  |  | 694 | 1,188 | \$2,083 | \$790 | \$950 | \$2,645 | \$1, 695 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 77 | 1,314 | 1, 635 | 2, 128 | 649 | 970 | 2,166 | 1,196 |
| 1909. | 76 | 1, 945 | 1,019 | 2,718 | 825 | 1,402 | 2,985 | 1,583 |
| 1904. | 92 | 0, 237 | 7,004 | 17,975 | 3, 642 | 7,152 | 15,709 | 8,557 |
| 1899. | 129 | 7,675 | 3,024 | 9,184 | 2,259 | 5,467 | 9,979 | 4, 129 |
| 1889 | 27 | 187 | 18 | $\begin{array}{r}72 \\ \hline\end{array}$ | $\begin{array}{r}105 \\ \hline\end{array}$ | 63 70 | 188 | 113 |
| 1879 | 19 | 274 | … 218 | 303 | 137 | 718 | 1,071 | 353 |
| 1869 |  |  |  |  |  |  |  |  |
| 14 States, 1010. |  |  |  |  |  |  |  |  |
| California. | 6 | 11 | 25 | 13 | 16 | 13 | 42 | 29 |
| Illinols... | 9 | 130 | 172 | - 256 | 162 | 93 | 342 | 249 |
| Massachusettis. | 7 | 67 | 94 | 1.48 | 58 | 132 | 207 | 134 |
| Michigan... | 6 | 56 | 68 | 77 | 85 | 58 | 219 | 166 |
| New York... | 16 | 75 | 48 | 110 | ${ }_{22}$ | 39 | 81 | 42 |
| Pennsylvanla... | 12 |  | 28 | ${ }_{23}$ | 57 | 18 | 110 | 92 |
| Rhode Island. All other states: | 13 | 268 | 724 | 1,420 | 314 | 524 | 1,382 | 858 |

1 Inoludess Alabama, 1 establlahment; Arizona, 1; Colorado, 1; Delaware, 1; Georgia, 1; Kentucky, 2; Louisiana, 2; New Lampshire, 1; North Dakota, 1; Oklahoma, 1; Oregon, 2 ; Tenpesses, 1 ; Vermont, 1 ; Virginia, 2.
11. Rholudes; Callfornia, $1 ;$ establishment; Indana, 2; Michigan, 3; Missourl, 1; New Jersey, 3; New York, 11, Rhode Island, 1; Washington, 1 .
${ }^{\text {a }}$ Inoludes: Colorado, 1 establishment; Indiana, 1; Maryland, 1; Missouri, 3; New Jersey, 2; Ohio, 3; Oregon, 1 ; Tennessee, 1 .

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

ENGINES, STEAM, GAS, AND WATER.

|  |  |  |  | \$454,125 | \$105, 435 | \$217,551 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914 | 446 | 29,657 | 63, 0.47 | 131,080 | 21,421 | 31, 460 | 72, 121 | \$247, 224 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 22 | 2,231 | 10, 526 | 13, 268 | 3,275 | 5,646 | 12, 687 | 7,041 |
| Colorado. | 3 |  |  | 146 |  | 11 |  | 16 |
| Connecticut | 16 | 1,764 | 4,882 | 8,991. | 2,104 | 3,294 | 7,310 | 4, 016 |
| Illinois. | 25 | 8,645 | 16,152 | 47, 824 | 11,750. | 23,644 | 45, 741 | 22, 097 |
| Indiana | 16. | 2, 853 | 3,853 | 16, 893 | 3,596 | 7,689 | 14, 473 | 6,784 |
| Iowa... | 17 | 2,739 | 7,799 | 13, 427 | 3, 646 | 8,895 | 17,611 | 8,716 |
| Kansas. | 5 | 186 | - 239 | 792 | 189 |  | 1,022 | 578 |
| Michigan. | 35 | 14, 258 | 30,488 | 62, 507 | 21,303 | 57,050 | 101, 989 | 44, 939 |
| Minnesota | 14 | 1,520 | 2,235 | 21, 053 | 1,908 | 4,580 | 12, 947 | 8,367 |
| Missouri. | 10 | 782 | 1, 934 | 4, 419 | 947 | 1,501 | 4, 160 | 2, 665 |
| New Jersey | 15 | 2, 392 | 7, 812 | 24,962 | 3, 592 | 5, 415 | 19,287 | 13, 972 |
| New York. | 31 | 4,528 | 17, 196 | 33,011 | (3, 624 | 10, 102 | 29, 822 | 19,720 |
| Ohio.- | 44 | 6,218 | 12, 996 | 37, 221 | $\begin{array}{r}8,033 \\ \hline 12033\end{array}$ |  |  | 22, 507 |
| Penisylvania | 34 | 9,711 | 30, 179 | 58, 5445 | 12, 933 | 18, 836 | 52, 574 | 33, 788 |
| Texas. | 3 | 27 |  | 243 | 29 | 36 |  | 64 |
| Washington, | 13 | 546 | 1,519 | 2,609 | 774 | 1,125 | 2,527 | 1,402 |
| Wisconsin. | 30 | 17,782 | 39,168 | 98, 079 | 22, 716 | 45,007 | 90, 953 | 45, 886 |
| All other states ${ }^{1}$ | 31. | 1, 420 | 2,949 | 9,235 | 1,944 | 3,870 | 8,588 | 4,718 |

## ENGRAVERS' MATERIALS.



ENGRAVING AND DIESINKING.


[^32]TABLE 225.-SUMMARY FOR INDUSTRLES: COMPARATIVE FOR THE UNITED STATES, BY SIATES FOR 1919-Continued.

| year and state. | Number of estab lishments. | Wago earners (averagenum-num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Txpressed in thousands. |  |  |  |  |

ENGRAVING AND DIESINKING-Continued.

| States, 1919. |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

ENGRAVING, STEEL AND COPPER PLATEE, INCLUDING PLATE PRINTING.

| Uniteld States. |  |  |  |  | \$7,908 | \$8,081 | \$24,209 | \$17,228 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 421 | 7,014 | 8, 870 | 19,079 | 4, 4,527 | -3,915 | 13,786 | 9,871 |
| 1914 | 310 | 8,320 | 2,782 | 7,242 | 3,388 | 2,218 | 0,432 | 7214 |
| 1004. | 215 | 3,580 | 1,201 | 5,403 | 2,228 | 1,554 | 5,043 | 4,389 |
|  | 2 2 0 | 3,303 | -649 | 5,066 | 2,01.2 | 1,210 | 5,101 | 3,891 |
| 1889. | 134 | 2,296 | 958 | 2,924 | 1,576 | 743 | 3,348 | 2,605 2,350 |
| 1879....... | 55 | 1,916 |  | 2,387 | 1,952 | 649 | 2,009 | 2,350 |
| 1. States, 1019. |  |  |  |  |  |  |  |  |
| Calliomia. | 24 | 135 | 72 | 217 | 155 | 119 | 405 | 376 |
| Colorado. | 3 | 47 | 20 | 38 | 35 | 28 | 91 | 63 |
| Conneeticut. | 7 | 26 | 14 | 35 | 22 | 24 | 81 | ${ }^{99}$ |
| Distriot of Cohum | 5 | 44 |  | 69 | 88 | 1,571 | 4,794 | , 223 |
| Illinols...... | 38 | 1,189 | 1,372 | 3,649 | 1,381 | 1,78 | 4, 364 | 285 |
| Indiana... | 7 | 107 | 38 | 222 | 116 | 155 | 480 | 325 |
| Kentuoky | 8 |  | 19 | 31 | 30 | 37 | 99 | 62 |
| Loudsiana. | 12 | 37 | 13 | 33 | 34 | 38 | 111 | 73 |
| Maryland. | 24 | 432 | 110 | 488 | 407 | 262 | 1,318 | 1,056 |
| Massachus | 10 | 67 | 27 | 76 | 82 | 40 | 202 |  |
| Minnesota. | 7 | 80 | 30 | 93 | ${ }^{64}$ | ${ }^{52}$ | 151 | -9985 |
| Missouri... | 15 | 105 | 70 | 188 | 142 | 120 | 540 | 285 |
| New Jersey | 16 | , 178 | 2,5088 | 10, 2824 | 3,300 | 2,793 | 9,384 | 0,591 |
| New York | 119 | 2, 280 | 2, 103 | 1, 226 | ${ }^{3} 314$ | ${ }^{2} 179$ | 826 | 647 |
| Ohio.. | ${ }^{2} 8$ | 4 | 72 | 72 | 55 | 28 | 155 | 127 |
| Oregon. | 8. | 0, | 464 | 2,303 | 872 | 986 | 3,214 | 2,228 |
| Pennsyl Vantand | 8 | 88 | ${ }^{35}$ | 90 | 100 | 43 | 217 | 174 |
| Texas.... | 8 | 50 | 15 | 111 | 40 | 4.7 | ${ }^{144}$ | 97 |
| Virginia.... | 5 | 18 | 10 | 36 | 19 | 19 | 80 | 61 |
| Washington... | 8 | 115 | 83 | 110 | 117 | 82 | 370 | 288 |
| Alsoonsther states | 14 | 117 | 90 | 210 | 162 | 170 | 501 | 831 |

[^33] Mlehigan, 2; Nobraska, 2; Soulh Carolina, 1; Tonnessec, 1; Toxas, 2; Virghia, 1; Washington, 1; Wisconsln, 3.
2Tncludes: Alabama, 2 astablishmonts; Arkansas 1; Ceorgia, 1; Towa, 1; Kansas, 1; Maine, 1; Nebraska, 1 ;
Notth Carollna, 1; Oklahoma, 1; Tennesseo, 1; Vtah, 3.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATTVE FOR THE UNITED STATES,

| Year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of matorials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

ENGRAVING, WOOD.

| United States. |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

ENVELOPES.


EXPLOSIVES.


1 Includes: Indiana, 4 establishments; Massachusetts, 1 ; Michigan, 1 ; Minnesota, 1 ; Rhode Rsland, 2.
${ }_{2}$ Includes: California, 4 establishments; Oonneoticut, 2 ; Qeorgia, 1; Indiana, 1; Maine, 1; Maryland, 1 ; Nebraska, 1; New Jersey, 1; Texas, 1; Vinginia, 3.

TABLE 225--SUMMARY FOR INDUSTRIES: COMPARATXVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| gear and state. | Number of estab-lishments. | Wage earners (average $\underset{\text { ber). }}{\substack{\text { num- } \\ \hline}}$ | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

EXPLOSIVES Continued.

| States, 1919. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| California. | 3 | 611 | 7,209 | \$12,613 | 80.77 | \$2,852 | \$6,407 | \$3,555 |
| Illinois. | 9 | 454 | 1,716 | 4,2,15 | 313 | 2,206 | 3,750 | 1,514 |
| Kansas. | 4 | 63 | 610 | 1, 403 | 89 | ${ }^{2} 506$ | -955 | 1,449 |
| Missouri | 5 | 506 | 1,969 | 10,561 | 0.48 | 3,48i | 7,172 | 3,687 |
| Ohio. | 12 | 304 | d, $0 \times 3$ | 4, 3.19 | 417 | 1,474 | 2,791 | 1,317 |
| Oklahoma. | ${ }_{6}^{98}$ | -76 | 4331 | 1,292 | 149 | ${ }^{5} 548$ | 1,063 | 1515 |
| Pennsylvania | 20 | 1,217 | 66, 817 | 15, 237 | 1,584 | (6,103 | 11,447 | 5,344 |
| All other states | 50 | 5,955 | 2S, 703 | 83, 698 | 8,278 | 28, 677 | 58, 860 | 30,183 |

FANCY ARTIOLES, NOT ELSEWHERE SPECIFIED.


FEADHERS AND PLUMES.


[^34]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR TEE UNITED STATES,

| year and state. | $\left\|\begin{array}{l} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{array}\right\|$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manu- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

## FELT GOODS

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 49 | 5,236 | 16,411 | \$35, 024 | \$4,873 | \$22,781 | \$39,230 |  |
| 1914. | 53 | 4,035 | 14, 056 | 20, 284 | 2,089 | 8,308 | 13,693 | 16,449 5,385 |
| 1909. | 43 | 3,544 | 11, 405 | 12, 725 | 1,712 | 6, 9067 | 11, 853 | 5, <br> 4,885 <br> 8. |
| 1904. | 39 | 3,254 | 9, 756 | 9,667 | 1,357 | 5, 754 | 8,949 | 4,88 3,195 |
| 1899. | 36 | 2, 888 | 7,8.11 | 7,125 | 1,025 | 3,801 | 6,462 |  |
| 1889 | 34 | 2, 142 | 5,051 | 4,461 | 883 | 2,810 | 4,655 | 1,845 |
| 1879 | 26 | 1, 524 | 2,631 | 1,958 | 440 | 2, 531 | 3,620 | 1,089 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Connecticut. | 3 | 334 | 1,097 | 1,788 | 304 |  |  |  |
| Massachusetts. | 15 | 1, 086 | 5,243 | 10,790 | 1,155 | 6,640 | 2,529 10,286 |  |
| New Jersey | 6 | 285 | , 754 | 1,511 | 1,283 | 1,113 | 1,950 | 3,646 |
| New York. | 10 | 1, 401 | 5, 167 | 10, 409 | 1,405 | 6,513 | 10, 695 | 4,182 |
| Pennsylvania... | $1{ }^{4}$ |  | + 736 | 1,019 | 241 | 1,094 | 1, 806 | ${ }^{4} 712$ |
| All other states ${ }^{1}$ | 11 | 1,941 | 3,414 | 9,507 | 1,485 | 5,951 | 11,964 | 6,013 |

FERROALLOYS.


FERTILIZERS.


[^35]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATLVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| ybar and state. | Number of estab-lishments. | Wage carners (average ber). | Primary horsetpower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by mantufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

FERTILIZERS-Continued.

| States, 1910-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Louisiana | 6 | 584 | 2,317 | \$4, 215 | \$452 | \$2, 634 | \$4, 197 | \$1,563 |
| Maine. | 10 | 174 | 616 | 3,348 | 150 | 3,077 | 4,055 | 978 |
| Maryland | 45 | 3, 1102 | 16, 400 | 35, 230 | 3,561 | 24, 695 | 37,014 | 12,319 |
| Mississippi | 9 | +370 | 2,316 | 4,739 | 285 | 2,668 | 3,627 | 959 |
| Now Jersey. | 19 | 1,740 | 6, 639 | 20, 058 | 2,093 | 11,811 | 15,758 | 3,947 |
| North Carolina | 45 | 2,077 | 9,592 | 29, 964 | 1,850 | 18,606 | 27,551 | 8,945 |
| Ohio.. | 23 | 1,197 | 7,179 | 11, 610 | 1,501 | 8,071 | 14;042 | 5,971 |
| Oregon. | 3 |  |  | 11 |  |  | 31 | 17 |
| Pennsylvania | 31 | 1,021 | 5,077 | 8,657 | 1,150 | 5,845 | 8,731 | 2,886 |
| South Carolin | 50 | 2,765 | 10, 197 | 33,221 | 2,124 | 19,429 | 30, 412 | 10,983 |
| Tennessoe. | 10 | 821 | 3,046 | 9, 180 | 713 | 4,012 | 6, 842 | 2,830 |
| Texas. | , | 190 | 1,404 | -903 | 190 | 1,101 | 1,503 | 492 |
| Virginia. | 43 | 2,354 | 13,260 | 25,711 | 2,456 | 14, 198 | 22, 891 | 8,693 |
| All other statas ${ }^{\text {1 }}$. | 30 | 1,342 | 7,417 | 15, 801 | 1,671 | 10,589 | 14,898 | 4,309 |

FILES.

| Una United States. | 50 |  | 11.905 | \$15,093 |  |  | 817,617 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919 | 48 | 4,349 | 8, 821 | 11,327 | 2,135 | 1,595 | -51,608 | $\$ 13,389$ 4,013 |
| 1909. | 57 | 4,158 | 7,383 | 10, 413 | 1,978 | 1,596 | 5,691 | 4,095 |
| 1904. | 02 | 3,276 | 5,697 | 5,863 | 1,514 | 1,311 | 4,392 | 3,081 |
| 1899. | 86 | 3,160 | 4,835 | 3,858 | 1,277 | 1,166 | 3,404 | 2,238 |
| 1889 | 140 | 2,485 | 3,649 | 2,992 | 1,218 | 1,039 | 3,180 | 2, 141 |
| 1879. | 179 | 2,508 |  | 1,667 | 957 | 788 | 2,487 | 1,699 |
| 1869. | 121 | 1,581 | 996 | 1,659 | 639 | 468 | 1,649 | 1,181 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Connecticut. | 8 | 18 | 66 | 27 | 17 | 8 | 52 | 44 |
| Michigan.. | 5 | 50 | 370 | 126 | 74 | 56 | 177 | 121 |
| Now Jorsey | 9 | 1,489 | 3,140 | 4,607 | 1,046 | 1,282 | 4,527 | 3,245 |
| Now York. | 6 | 192 | 593 | 569 | 215 | 184 | 550 | 366 |
| Pennsylvania | ${ }^{6}$ | 1,356 | 2,353 | 3,760 | 1,350 | 822 | 3,874 | 3,052 |
| All other states ${ }^{\text {a }}$ | 21. | 2,712 | 5,383 | 6,604 | 2,800 | 1,876 | 8,437 | 8,561 |

## 4,

FIREARMS.


[^36]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES; BY STATES FOR 1919-Continued.

| year and state. | $\left\|\begin{array}{l} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{array}\right\|$ | Wage eariters (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. <br> sed in thou | Value of products. <br> sands. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

FIRE EXTINGUISHERS, CHEMICAL.


FIREWORKS.


FLAGS AND BANNERS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 79 | 1,065 | 778 | \$3,436 | 8705 | \$3,280 | \$5,346 | \$2, 060 |
| 1914. | 87 | 1, 495 | 637 | 1,843 | 690 | 1,750 | 3, 001 | 1,851 |
| 1909. | 55 | 934 | 389 | 1,155 | 318 | 1, 087 | 1,984 | 897 |
| 1904. | 31 | 374 | 209 | 004 | 115 | 487 | 855 | 368 |
| 1899. | 36 | 509 | 230 | 686 | 149 | 547 | 1,038 | 491 |
| 1889 | 29 | 321 | 7. | 376 | 98 | 196 | 456 | 280 |
| 1879. | 11 | 68 |  | 54 | 27 | 48 | 1.20 | 72 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 6 | 39 | 17 | 92 | 28 | 90 | 142 | 52 |
| Illinois... | 9 | 112 | 120 | 261 | 74 | 173 | 349 | 176 |
| Massachusotts. | 3 | 10 | 8 | 18 | 10 | 8 | 28 | 20 |
| Michigan. | 4 | 35 | 20 | 53 | 23 | 54 | 108 | 49 |
| Now York. | 22 | 367 | 130 | 1, 418 | 310 | 1,481 | 2,174 | 693 |
| Ohio.. | 11 | 123 | 248 | 272 | 81 | 222 | 433 | 211 |
| Pennsylvania | 9 | 215 | 182 | 885 | 159 | 1,080 | 1,525 | 445 |
| All other states ${ }^{\text {a }}$. | 15 | 104 | 53 | 437 | 110 | 178 | 502 | 414 |

[^37]TABLE 225.-SUMMARY FOR IN DUSTRIES: COMPARATIVE TOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments | Wage carners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manlufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

FLAVORING EXTRACTS.


FLAX AND HEMP, DRESSED.


[^38]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continuod.

|  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| year and state. |  |  |

## FLOUR-MILL AND GRISTMILL PRODUCTS.

| United Statcs. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 10,708 | 45,481 | 876,405 | \$801, 625 | \$50, 888 | \$1,799,181 | \$2,052,434 | \$253, 253 |
| 1914. | 10,788 | 39,718 | 822, 384 | 380, 255 | 24, 503 | 752,270 | 877,680 | 125, 410 |
| 191 | 11, 691 | 39;453 | 853,584 | 349, 152 | 21,464 | 767, 576 | 883,584 | 116,008 |
| 1904 | 10,051 | 39,110 | 775,318 | 266, 117 | 19, 822 | 619,971 | 713,033 | 93,062 |
| 1899 | 9,476 | 32,226 | 670,719 | 189, 281 | 16,285 | 428,117 | 501,306 | 73, 279 |
| States, 1019. |  |  |  |  |  |  |  |  |
| Alabama. | 143 | 152 | 4994 | 1,380 | 133 | 3,848 | 4,505 | 717 |
| Arizona. | 12 | 72 | 928 | 3,209 | 98 | 1,967 | 2,392 | 425 |
| Arkansas | 166 | 267 | 7,005 | 3,684 | 243 | 7,073 | 8,646 | 1,573 |
| California | 134 | 1,779 | 16,806 | 27,078 | 2,229 | 56, 883 | 65, 448 | 8,505 |
| Colorado | 120 | 490 | 9,074 | 8,851 | 568 | 17,597 | 19,954 | 2,357 |
| Connoeticu | 64 | 80 | 2,351 | 1,932 | 84 | 2,083 | 2,507 | 424 |
| Delaware. | 56 | 95 | 2,736 | 988 | 95 | 1,066 | 2,056 | 390 |
| District of Columbi | 3 | 23 | 295 | 2 | 26 | 800 | 901 | . 95 |
| Florida | 27 | 52 | 1,093 | 282 | 33 | 470 | 568 | 198 |
| Georgia | 161 | 371 | 9,927 | 4,085 | 314 | 10,549 | 11, 992 | 1,443 |
| Idaho.. | 78 | 304 | 5,603 | 8,798 | 361 2020 | 11, 828 | 113,501 | 1,673 |
| Illinois | 322 | 2;740 | 37,118 | 46,269 | 2,926 | 103, 106 | 116, 5603 | 13,397 |
| Indiana | 450 | 2,280 | 39,341 | 29,940 | 2,272 | 65, 740 | 75, 111 | 9,371 |
| Iowa. | 189 | 509 | 13,729 | 9,116 | 578 | 18,613 | 21,325 | 2,712 |
| Kansas | 385 | 3,493 | 59,829 | 73,137 | 4,146 | 182,334 | 2016,882 | 24,548 |
| Kentucky | 533 | 1,584 | 26,852 | 22,789 | 1,423 | 39,581 | 45, 774 | 6,193 |
| Louisiana | 17 | 48 |  |  | ${ }_{1}^{43}$ |  |  | 198 |
| Maine. | 118 | 144 | 4,744 | 2,706 | 147 | 4,709 | 5,443 | 734 |
| Maryland | 247 | 478 | 11,311 | 7,504 | 449 | 16,357 | 19, 04 | 2,647 |
| Massachus | 75 | 123 | 4,013 | 3,136 | 130 | 4,249 | 4, 878 |  |
| Michigan. | 345 | 1,128 | 29,928 | 18,096 | 1,257 | 38, 185 | 4.4, 144 | 5,959 |
| Minnesota | 248 | 6,049 | 114,764 | 111,366 | 7,781 | 337,873 | 381, 249 | 43,376 |
| Mississipp | 54 | 61 | 1, 1334 |  | 4.49 | 1,807 | 2, 1292 |  |
| Missourl | 000 | 3,015 | 47,546 | 46,750 | 3,154 | 98, 185 | 113,207 | 15,112 |
| Montana | 69 | 360 | 6,572 | 9,727 | 474 | 14,092 | 16,386 | 2,229 |
| Nebrask | 218 | 1,063 | 21,854 | 19, 122 | 1,240 | 47,550 | 53,521 | 5,982 |
| Nevada. | 10 | 25 | 482 | 766 | 27 |  | 1,110 | 125 |
| New Hamps | 48 | 83 | 2,942 | 1,419 | 96 | 2,920 | 3,301 | 465 |
| New Jersey | 150 | 232 | 6,631 | 3,024 | 220 | 5,036 | 6,040 | 1,004 |
| New Mexico | 30 | 66 | 1,631 | 1,024 | 65 | 1,002 | 1,324 | 232 |
| New York | 716 | 3,012 | 67,326 | 54,570 | 3,391 | 135, 0334 | 155,272 | 19,638 |
| North Carolina | 374 | 629 | 17,148 | 7,408 | 563 | 21, 045 | 24,258 | 3,213 |
| North Dakote | 87 | 568 | 0,604 | 7,746 | 679 | 20, 223 | 29,282 | 3,059 |
| Ohio. | 577 | 2,122 | 47,830 | 32, 285 | 2,439 | 77, 102 | 89,397 | 12;295 |
| Oklahom | 227 | 958 | 16,573 | 18,746 | 1,021 | 44, 180 | 49,844 | 5,664 |
| Oregon. | 116 | 822 | 13,314 | 23, 100 | 1,166 | 37,8122 | 12,550 | 4,748 |
| Pennsylvania | 1,188 | 2,198 | 55, 928 | 32,374 | 2,259 | 50, 085 | (69, 447 | 0,462 |
| Rhode Island | 25 | 29 | 1,253 | 830 | 34 | 078 | 1,133 | 155 |
| South Carolina | 30 | 70 | 1,352 | 691 | 44 | 1,805 | 2,147 | 342 |
| South Dakota | 80 | 221 | 5,369 | 3,746 | 283 | 7, 81 | 8,873 | 982 |
| Tennesseo. | 661 | 1,472 | 27,533 | 19,478 | 1,281 | 45, 176 | 51,012 | 0,780 |
| Toxas. | 222 | 1,567 | 23,854 | 40, 453 | 1,081 | 88, 349 | 73,0104 | 9,665 |
| Utah. | 77 | 249 | 5,030 | 3,329 | ${ }^{2619}$ | 6,502 | 7,569 | 1,017 |
| Vermont | 108 | 169 | 8,051 | 3,035 | 158 | 6,3:32 | 6,144 | 812 |
| Virginia | 537 | 937 | 22,632 | 23,524 | 826 | 30, 3128 | 30,154 | 5,226 |
| Washington | 119 | 1,636 | 20,785 | 39,059 | 2,144 | 73, 155 | 81, 141 | 7,986 |
| West Virgin | 203 | 371 | 8,704 | ह,520 | 378 | 10, 531 | 13,077 | 2,546 |
| Wisconsin | 221 | 1.348 | 30,245 | 10,946 | 1,561 | 51, 737 | 58,305 | 6,568 |
| Wyoming | 28 | 37 | 1,381 | 1,115 | 40 | 1,183 | 1,411 | 228 |

FOOD PREPARATIONS, NOT ELSEWHERE SPECTFIED,

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 1,097 | 30,305 | 150, 230 | \$215, 283 | \$20, 392 | \$404, 507 | \$ 8331,508 | \$137,001 |
| 1914. | 1,550 | 20,306 | 80,022 | 91,030 | 10, 806 | 153, 751. | 210,333 | 05,582 |
| 1909. | 1,213 | 14,968 | 55, 166 | 64, 385 | 7,048 | 83,042 | 125,331 | 41,380 |
| 1904. | 766 | 11,333 | 28, 162 | 61,784 | 4,308 | 87, 008 | 61,180 | 23,5122 |
| 1899. | 645 | 8,214 | 15,485 | 21,401 | 3,098 | 24,777 | 39,807 | 15,060 |
| 1889. | 302 | 3,478 | 5,765 | 6, 716 | 1,223 | 8,180 | 14,105 | 5,975 |
| 1879. | 109 | 1,333 |  | 1,204 | 318 | 1,005 | 2,493 | 888 |
| 1869. | 124 | 1,178 | 1,180 | 1,326 | 471 | 2,339 | 3,022 | 1,283 |

TABLE 225-SUMMARY FOR INDUSTRIES: COMPARATIVE TOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{gathered} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{gathered}$ | Wage oarners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expres | ssed in thou | sands. |  |

FOOD PREPARATIONS, NOT ELSEWHERE SPECIFIED-Continued.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|}
\hline States, 1919. \& \& \& \& \& \& \& \& <br>
\hline Alabama. \& 14 \& 100 \& 1,096 \& \$1,397 \& $\$ 107$ \& \& \& <br>
\hline Arkansas \& 15 \& 129 \& 1,140 \& - 914 \& 100 \& 2,137 \& 3,118
2,549 \& \$561 <br>
\hline California \& 172 \& 1,049 \& 6,002 \& 6,515 \& 1,076 \& 12,253 \& 10, 2138 \& 4, 412 <br>
\hline Colorado. \& 57 \& 396 \& 5,941 \& 3,244 \& ${ }^{3} 36$ \& 3,442 \& 4,381 \& - ${ }^{4,388}$ <br>
\hline Connecticut \& 45 \& 180 \& 570 \& -819 \& 172 \& 1,087 \& 4,381
1,725 \& ${ }_{6} 938$ <br>
\hline District of Columb \& 9 \& 31 \& 52 \& 104 \& +27 \& ${ }^{1} 421$ \& 1, 506 \& $\stackrel{85}{85}$ <br>
\hline Florida'. \& 6 \& 29 \& 251 \& 292 \& 20 \& 459 \& 501 \& 102 <br>
\hline Georgia. \& 47 \& 481 \& 1,905 \& 8,390 \& 330 \& 31,748 \& 34, 492 \& 2,744 <br>
\hline Illinois, \& 134 \& 4,061 \& 18,767 \& 29,950 \& 4,162 \& 80, 431 \& 94, 240 \& 13,809 <br>
\hline Indiana \& 40 \& 530 \& 2,560 \& 3,275 \& -398 \& 7,563 \& 9,318 \& 1,755 <br>
\hline Iowa.. \& 30 \& 2,441
87 \& 16,021 \& 21,909

243 \& 2,368 \& 45, 2692 \& 54, 994 \& 0,732 <br>
\hline Kentuck \& 7 \& 92 \& 8498 \& ${ }_{380}^{243}$ \& 31 \& 764 \& 996 \& 232 <br>
\hline Louisiana \& 42 \& 1,760 \& 4,210 \& 13,203 \& 1,301 \& 27,076 \& 1,297 \& 224 <br>
\hline Maine. \& 7 \& 12 \& ${ }^{3} 3$ \& \& \& \& 1,406

53 \& 7,330 <br>
\hline Maryland. \& 33 \& 421 \& 1,707 \& 2,868 \& 359 \& 6,885 \& 0,141 \& <br>
\hline Massachuse \& 81 \& 848 \& 1,919 \& 4,704 \& 773 \& 6,072 \& 9,603 \& <br>
\hline Michigan. \& 37 \& 2,483 \& 12,157 \& 18, 824 \& 3,108 \& 18,813 \& 35,702 \& 3,531
16,889 <br>
\hline Minnesota \& 41 \& 024 \& 3,090 \& 5,288 \& ${ }^{5} 76$ \& 10, 418 \& 14, 707 \& 4,289 <br>
\hline Mississippi \& 8 \& 81 \& 473 \& 515 \& 53 \& 1, 424 \& 1,684 \& , 260 <br>
\hline Missour. \& 87 \& 1,454 \& 3,894 \& 6,010 \& 1,027 \& 18,207 \& 23,463 \& 5,256 <br>
\hline Montana, \& 11 \& 13 \& 28 \& \% 72 \& 15 \& 18, 43 \& ${ }^{2}, 96$ \& - 53 <br>
\hline Nobraska \& 22 \& 251 \& 2,097 \& 2,771 \& 226 \& 2,234 \& 3,255- \& 1,021 <br>
\hline New Jersoy \& 100 \& 1,359 \& 5,361 \& 7,447 \& 1,305 \& 29,403 \& 33,612 \& 4,149 <br>
\hline Now Yorlk. \& 372 \& 4,546 \& 19, 104 \& 38,701 \& 4,854 \& 52, 170 \& 77, 336 \& 25, 168 <br>
\hline North Cum \& \& , 21. \& +10, 35 \& \& \& ${ }^{2} 146$ \& ${ }^{175}$ \& -29 <br>
\hline Ohio. \& 98
10 \& 1,857
40 \& 10,256 \& 19,405 \& 2,107 \& 37,414 \& 46,340 \& 8,920 <br>
\hline Oregon. \& 13 \& 109 \& 1,729 \& 2,561 \& 27 \& 242 \& 337 \& 95 <br>
\hline Ponnsylvan \& 145 \& 1,482 \& 5,831 \& 0,740 \& 1,266 \& 1,643 \& 4,218 \& 575 <br>
\hline Rhode lslaud. \& 21 \& 116 \& 437 \& '922 \& -107 \& 14,765 \& 19,434 \& 4,479 <br>
\hline South Carollat \& 11 \& 58 \& 301 \& 259 \& 43 \& 1,587 \& 1, 759 \& 251 <br>
\hline Tennessoo. \& 38 \& 748 \& 5,527 \& 8,638 \& $(311$ \& 31,941 \& -17,580 \& 172 <br>
\hline Texas. \& 58 \& 035 \& 3,546 \& 7,251 \& 483 \& 14,578 \& 17,389 \& 5,639
2,811 <br>
\hline Utah.. \& 16 \& 44 \& 851 \& 548 \& 55 \& 1,168 \& 1,273 \& 2,8105 <br>
\hline Vermont \& 30 \& 203 \& 1,484 \& 1,830 \& 185 \& 6,342 \& 7,177 \& 885 <br>
\hline Virginia. \& 22 \& 245 \& 1,879 \& 4,777 \& 239 \& 0,269 \& 10, 205 \& 936 <br>
\hline Washington \& 40 \& 128 \& 044 \& 927 \& 127 \& 1,401 \& 2,004 \& 663 <br>
\hline West Virgini \& 6 \& ${ }^{6}$ \& \& 12 \& 6 \& 7, 10 \& 2, 29 \& 19 <br>
\hline Wisconsin. \& 42 \& 921
48 \& $\begin{array}{r}5,853 \\ \hline 633 \\ \hline 8\end{array}$ \& 8,051 \& 967 \& 7,955 \& 13,142 \& 5,187 <br>
\hline All otherstates \& 14 \& 117 \& ${ }_{8}^{689}$ \& 1,215 \& 100 \& 888 \& 1,249
1,24 \& 84
362 <br>
\hline
\end{tabular}

## FOUNDRY AND MACHINE-SHOR PRODUCTS.

| United States. $1919 .$ | 10,984 | 482,767 | 1,054, 840 | \$2,104,981 | 8622,571 | 8048,060 | \$2,280,251 | \$1,341,182 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. | 10,640 | 362, 471 | 770,454 | 1,246,043 | 244,146 | 358, 122 | 866,545 | 508,423 |
| States, 1019. |  |  |  |  |  |  |  |  |
| Alabama. | 90 | 2,732 | 5, 826 | 9,605 | 3,200 | 5,372 | 11,531 | 6,159 |
| Arizona. | 10 | 02 | 214 | , 353 | 3, 129 | 5 107 | 11, 279 | -172 |
| Arkansas. | 62 | 464 | 1,245 | 1,483 | 506 | 676 | 1,652 | 976 |
| Callfornia | 605 | 0, 827 | 23,974 | 38,244 | 13, 535 | 22,640 | 51,337 | 28,697 |
| Colorado. | 120 | 2,180 | 0,015 | 11, 776 | 2,803 | 4,881 | 11,200 | 6,319 |
| Conneoticat | 250 | 20, 148 | 42, 2963 | 88,508 | 20, 020 | 25,546 | 78,803 | 53,317 |
| Delaware District of Columbia | 17 10 | $\begin{array}{r}878 \\ \hline 302\end{array}$ | 2,477 | 4,874 | 1,260 | 1,645 | 3,930 | 2,285 |
| District of Columbia | 19 | 302 872 | 437 1,622 | $\begin{array}{r}980 \\ 2.602 \\ \hline\end{array}$ | . 371 | 506 | 1,159 | ${ }^{6} 053$ |
| Gericia. | 64 112 | 872 3,903 | 1,622 0,355 | 2,602 4,689 | 1, 4,132 | 1,522 | 3,508 | 1,986 |
| Idaho.. | 112 18 | 3,093 00 | 6, 193 | 14,689 270 | 1,132 93 | 7,745 128 | 16,375 289 | 8,630 161 |
| Illinois. | 870 | 45,879 | 96,821 | 101, 006 | 59,960 | 98,342 | 235, 403 | 137,061 |
| Indiana | 390 | 18,828 | 38,833 | 95,508 | 21, 885 | 38,027 | - 85,360 | 47,333 |
| Iowa. | 198 | 3,520 | 8,282 | 16,266 | 4,062 | 8,070 | -18,545 | 10,475 |

[^39]TABLE 225-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES,

| YEAR AND STATE. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products | Value added by manufacture |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

FOUNDRY AND MACHINE-SHOP PRODUCTS-Continued.

| States, 1819-Continued. |  |  | i |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Kansas. | 1.61 | 2,035 | 6, 436 | \$11, 637 | \$3, 959 | \$6,870 | \$15,023 | \$8,153 |
| Kenturky | 87 | 2,554 | 7,410 | 10,368 | 2, 629 | 5,397 | 11,661 | 6,264 |
| Louisiana | 90 | 2,161 | 4,319 | 6,840 | 3,108 | 4,257 | 10, 697 | 6,440 |
| Maine | 73 | 2,171 | 4,860 | 8,153 | 2,701 | 3,852 | 9,736 | 5,884 |
| Maryland | 133 | 4,081 | 10, 613 | 14, 217 | 4,991 | 5, 560 | 15,721 | 10,161 |
| Massachuset | 574 | 27, 712 | 46,310 | 102, 738 | 36,614 | 39,210 | 111, 853 | 72, 643 |
| Michigan. | 523 | 30, 430 | 84, 776 | 133,114 | 52,416 | 68, 800 | 169, 462 | 100,682 |
| Minnesota | 216 | -6,183 | 11,963 | 24, 851 | 7,432 | 12,714 | 31, 865 | 19,151 |
| Mississippi | 43 | - 460 | 1,240 | 1, 560 | 11.780 | 850 | 1,786 | ${ }^{836}$ |
| Missouri. | 301 | 9,530 | 17,951 | 39,920 | 11,789 | 19,982 | 49, 471 | 29,489 |
| Montana. | 22 | 359 | 1,412 | 1, 628 | 565 | 572 | 1,495 | 923 |
| Nebraska | 67 | 713 | 2,499 | 4,975 | 892 | 2,400 | 5,164 | 2,764 |
| New Hampsh | 53 | 2,291 | 4,797 | 9,139 | 2,573 | 3,282 | 8,795 | 5,513 |
| New Jersey. | 446 | 25,033 | 51, 857 | 119,154 | 31, 950 | 59,304 | 128,534 | 69,140 |
| New Mexico | 4 | -53 | 67 | 93 | 51 | 71 | 202 | ${ }^{-131}$ |
| New York | 1,325 | 56,609 | 95, 206 | 246,479 | 72,456 | 94,535 | 251,688 | 157,153 |
| North Carolina | 128 | 1,664 | 3,169 | 4,489 | 1, 747 | 2,527 | 6,036 | 3,509 |
| North Dakota. | 20 | 81 | 261 | - 301 | 111 | 134 | 355 | 221 |
| Ohio... | 1, 000 | 72,227 | 170,872 | 297, 222 | 95, 262 | 147,298 | 347,635 | 200,337 |
| Oklahoma | 114 | 1,717 | 4,829 | 13,495 | 2,382 | 6,253 | 13,510 | 7,257 |
| Oregon. | 121 | 3,265 | 7,636 | 7,388 | 6,220 | 8,723 | 21, 138 | 12,413 |
| Pennsylvania | 1,267 | 71,087 | 184, 377 | 407,947 | 92,924 | 160,407 | 366,383 | 205,916 |
| Rhode Island | ${ }^{1} 81$ | : 4,143 | -8,160 | 17, 286 | 5.386 | 4,865 | 15, 693 | 10,838 |
| South Carolina | 36 | 391 | 603 | 1,434 | 448 | 391 | 1, 123 | - 732 |
| South Dakota. | 33 | 81 | 239 | 325 | 106 | 119 | 343 | 224 |
| Tennessee. | 120 | 4,721 | 10, 101 | 15,300 | 4,937 | 8,721 | 19, 634 | 10, 913 |
| Texas. | 181 | 3,855 | 9,450 | 18,394 | 4,825 | 9,997 | 20,524 | 10,527 |
| Utah | 29 | 490 | 2,529 | 1,869 | 500 | 783 | 1,941 | 1,158 |
| Vermont | 30 | 1,012 | 2,896 | 3,077 | 1,243 | 1,309 | 3,344 | 1,045 |
| Virginia | 86 | 1,709 | 3,157 | 4,430 | 2,473 | 2, 104 | 6,352 | 4,258 |
| Washington | 233 | 3,641 | 13,838 | 15,771 | 5,881 | 8,097 | 20,802 | 12,705 |
| West Virginia | 80 | 1,911 | 5,019 | 9,058 | 2,309 | 6,874 | 14, 665 | 7,701 |
| Wisconsin.. | 429 | 18, 635 | 37, 048 | 74,088 | 21,842 | 36,108 | 80, 693 | 50,585 |
| All other states | 6 | - 72 | 314 | - 481 | 128 | 276 | 468 | ${ }^{1} 12$ |

## FOUNDRY SUPPLIES.



FUEL, MANUFACTURED.


[^40]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY SIATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

FUR GOODS.

| United Stutes. |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

FURNISHING GOODS, MEN'S.

| 1918. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 487 | 18,944 | 5,665 5 5 | \$53.014 | \$13, 563 | \$64, 744 | \$107, 835 | \$43,001 |
| 1909. | 602 | 15, 220 | 5,880 3,883 | 19, 1.16 | 8,415 5,907 | 31,593 20,224 | 52,453 42,130 | 20,860 15,906 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 8 | 283 | 24 | 1,820 | 205 | 1,298 | 2,205 | 907 |
| Delaware. | 7 | 160 | 67 | 443 | 179 | 547 | 849 | 302 |
| mlinols, | 34 | 1,566 | 988 | 4,525 | 1,007 | 4,754 | 8,535 | 3,781 |
| Maryland. | 29 | 4,075 | 1,642 | 9,557 | 2,288 | 8,297 | 14,596 | 6,299 |
| Massachaset | 14 | 275 |  | 1,009 | 201 | 1,927 | 2,890 | 963 |
| michigan. | 8 | 28 | ${ }^{6}$ | 78 | 22 | 110 | 201 | 91 |
| Missouri | 12 | 874 | 60 | 1,313 | 278 | 1,791 | 2,893 | 1,102 |
| New Jerse | 29 | 2,84.1. | 1,038 | 6,197 | 1,647 | 4,966 | 0,263 | 4, 297 |
| New Yor | 256 | 5, 090 | 1,075 | 22, 483 | 5,758 | 33, 240 | 68, 261 | 20,021 |
| Ohio.. | 12 | 292 | 59 | ${ }^{8} 809$ | 228 | 1,399 | 2,185 | -786 |
| Pennsylvania. | 40 | 1,721 | 374 | 2, 364 | 1,012 | 3,063 | 8,399 | 2,336 |
| South Carolina. | 4 | 216 | 41 | 884 | 0.92 | 493 | 790 | 297 +909 |
| All other states \% | 38 | 1,106 | 203 | 2,483 | 047 | 2,859 | 4,708 | 1,009 |

[^41]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY' STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manu- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

FURNITURE.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 3,154 | 138,331 | 262, 703 | \$423, 992 | \$141, 116 | \$261, 523 | 8571,356 | \$309,833 |
| 1914 | 3,192 | 127, 881 | 240,665 | 267, 835 | 71, 816 | 121,486 | 265, 700 | 144, 220 |
| 1909 | 3, 024 | 123,426 | 211, 438. | 216, 283 | 62, 935 | 103, 863 | 229, 197 | 125, 334 |
| 1904 | 2,482 | 110, 133 | 163, 614 | 152, 713 | 49,883 | 73,620 | 170, 447 | 90, 827 |
| 1899 | 1,814 | 87, 262 | 114,568 | 104, 484 | 35,633 | 54,930 | 125, 316 | 70, 386 |
| 1889 | 1,919 | 72, 869 | 76,510 | 80,781 | 35, 069 | 45, 369 | 111, 743 | 66, 374 |
| 1879 | 5,227 | 59,301 |  | 44, 446 | 23,695 | 35, 860 | 77, 816 | 41, 986 |
| 1859 | 5, 954 | 53, 031 | 29,680 | 43,400 | 21,433 | 25,661 | 68,522 | 42, 861 |
| 1859 | 3,594 4,242 | 27,106 22,010 |  | 13,630 7,303 | 8,910 6,639 | 8, 181 | 25, 632 | 17,451 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 5 | 23 | 173 | 138 | 74 | 187 | 356 | 168 |
| Arkansas | 16 | 744 | 1,499 | 2,478 | 578 | 1,517 | 3,199 | 1,682 |
| California | 176 | 2,883 | 5, 984 | 8,754 | 3,598 | 6,313 | 13,640 | 7,327 |
| Connnecticut | 14 | $\stackrel{133}{570}$ | 231 | 235 | 153 | 269 | 586 | 317 |
| District of Colu | 4 | 22 | 1,44 | 2, 19 | 645 | 1,018 | 2,504 | 1,546 |
| Florida. | 3 | 27. | 46 | 53 | 31 | 31 | 98 | 67 |
| Georgia | 37 | 1,355 | 2, 871 | 3,236 | 1,172 | 2,612 | 5, 109 | 2,407 |
| Idaho. | 3 |  |  |  |  |  | 22 |  |
| Illinois | 286 | 12,294 | 23,467 | 42,588 | 14, 142 | 28,190 | 60,771 | 32,581 |
| Indiana | 177 | 13,257 | 27, 844 | 33,005 | 11, 252 | 27,484 | 52,351 | 24, 867 |
| Iowa.. | 36 | 894 | 1, 802 | 2,504 | - 9384 | 1,639 | 3,457 | 1,818 |
| Kansas | 20 | 503 | $\frac{1}{3}, 158$ | 961 | 1444 | 052 | 1,365 | ${ }^{7} 713$ |
| Kentucky | 39 | 1,381 | 3,224 | 3,696 | 1,050 | 2,263 | 5, 412 | 3,149 |
| Louisiana | 17 | 504 | 696 | 1,192 | 411 | 980 | 1,910 | 936 |
| Maine. | 10 | 292 | 1,346 | 1,522 | 263 | 628 | 1,280 | 661 |
| Marylan | 47 | 1,645 | 3,358 | 5,967 | 1,547 | 2,991 | 6,828 | 3,837 |
| Massachuse | 161 | 6,342 | 10,472 | 27, 852 | 6,637 | 10,658 | 23,689 | 13, 031 |
| Michigan | 171 | 18,496 | 28,947 | 53,725 | 19,060 | 28,310 | 69, 497 | 41, 187 |
| Minnesota | 59 | 1,587 | 2,814 | 4,500 | 1,636 | 3,062 | 6,805 | 3,743 |
| Missouri. | 86 5 | 3, 373 | 7,000 | 10, 116 | 3, 471 | 8,324 | 16, 1505 | 7,831 |
| New Ham | 19 | 627 | 2,170 | 1,775 | 503 | 1,0.57 | 2.439 |  |
| Now Jersey | 78 | 2,136 | 3,344 | 9,447 | 2,691 | 5,256 | 10,750 | 1,383 |
| New York | 685 | 22, 062 | 36, 71.4 | 69,187 | 25, 149 | 45, 723 | 100, 785 | 55,062 |
| North Carolin | 107 | 7,910 | 13,447 | 16, 737 | 6,057 | 14,248 | 29,725 | 15, 477 |
| Ohıo. | 162 | 8,346 | 16, 870 | 25, 896 | 8,519 | 14, 579 | 35,224 | 20,645 |
| Oklahom | 7 | 26 | -162 | -79 | 46 |  | 170 |  |
| Oregon. | 23 | 805 | 2,832 | 2,980 | 978 | 1,221 | 3,183 | 1,962 |
| Pormsylvania. | 335 | 10,954 | 23, 599 | 30, 434 | 11, 079 | 10,779 | 42, 344 | 22, 565 |
| Rhode Island. | 13 | 90. | 88 | 282 | 120 | 112 | 370 |  |
| South Carolina | 6 | 33 | 67 | 204 | 30 | 100 | 203 | 103 |
| South Dakota | 3 | 7 | 17 | 22 | 7 | 10 | 25 | 15 |
| Tennessee. | 50 | 3,522 | 6,243 | 8,297 | 2,408 | 4,760 | 0,793 | 5,024 |
| Texas. | 22 | 710 | 1,846 | 2,648 | -884 | 2,279 | 4,394 | 2,115 |
| Utah.. | 6 | 41 | , 96 | - 49 | 45 | 2, 67 | , 142 | 2, 75 |
| Vermont | 10 | 1,022 | 3,492 | 3,126 | 850 | 1,327 | 3,242 | 1,915 |
| $V$ Vrginia. | 38 | 1,296 | 2,438 | 3,089 | 1, 105 | 2,548 | 5, 043 | 2,495 |
| Washingtion | 59 | 7787 | 2,077 | 2,093 | -809 | 1, 1,583 | 2,777 | 1,724 |
| West Virgma | 16 | 741 | 2,093 | 3,235 | 652 | 1,58.1 | 3,220 | 1,689 |
| Wisconsin. | 107 | 10,463 | 20, 431 | 38,529 | 11,332 | 18,210 | 41,500 | 23, 290 |
| All other states ${ }^{1}$ | 7 | 132 | 539 | 491 | 132 | 256 | 575 | 318 |

FURS, DRESSED.


TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| yEAR AND STATE. | Number of estab-lishments. | Wage earners (avorage number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

FURS, DRESSED-Continued.

| States, 1910. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tllinois. | 4 | 57 | 84 | \$114 | \$79 | \$36 | \$194 | \$158 |
| Michigan. | 4 | 28 | 113 | 47 | 33 | 78 | 153 | 75 |
| Minnesota. | 5 | 91 | 192 | 196 | 117 | 53 | 233 | 180 |
| Montana. | 3 | 2 | 4 | 12 | 3 | 11 | 29 | 18 |
| New Jersoy | 18 | 1,551 | 1,207 | 2,322 | 2,134 | 1,156 | 5,113 | 3,957 |
| New York. | 83 | 2,521 | 2,716 | 4,768 | 4, 032 | 3,899 | 11,888 | 7,989 |
| Washington.... | 3 | 4 | ${ }^{8} 8$ | +4 4 | 4 | +3 | , 15 | ${ }^{12}$ |
| AIl other states ${ }^{1}$ | 21 | 821 | 1,207 | 1,404 | 696 | 1,103 | 2,760 | 1, 657 |

GALVANTZING.

| Uniteld Stutes. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919 | 52 | 1,665 | 1,631 | \$4,316 | \$2,248 | \$10,532 | \$14,476 | \$3,944 |
| 1914. | 48 | - 1,580 | 2,385 | 4, 416 | . 222 | (i, 293 | 8,480 | 2,187 |
| 1909. | 46 | - 1,447 | 1,367 | 4, 197 | 787 | 5,719 | 7,338 | 1,619 |
| 1904. | 36 | 1,256 | 1,603 | 2, 690 | 620 | 4,745 | 6, 419 | 1,674, |
| 1899. | 28 | 535 | 4009 | 1,776 | 229 | 1,678 | 2, 471 | 793 |
| 1889 | 27 | 761 | 658 | 1,302 | 362 | 1,941 | 2,957 | 1,016 |
| 1879. | 21 | 518 |  | 671 | 245 | 1,103 | 1,885 | 782 |
| 1869. | 9 | 146 | 48 | 206 | 89 | 585 | 796 | 211 |
| States, 1019. |  |  |  |  |  |  |  |  |
| California. | 3 | 15 | 22 | 55 | 19 | 47 | 03 | 46 |
| flinois. | 8 | 102 | 94 | 863 | 130 | 329 | 780 | 451 |
| New Jersey | 3 | 84 | 60 | 222 | 91 | 121 | 308 | 187 |
| Now York. | 6 | 110 | 155 | 239 | 131 | 251 | 672 | 421 |
| Pennsylvania. | 9 | 237 | 172 | 574 | 281 | 806 | 1,259 | 453 |
| All other states ${ }^{\text {a }}$ | 23 | 1,117 | 1,128 | 2,363 | 1,596 | 8,978 | 11,304 | 2,386 |

GAS AND ELECTRIC FIXTURES.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919...... | 341 | 9,795 | 9,910 | \$36, 873 | \$9,802 | \$20, 259 | \$42,268 | \$22,009 |
| 1914 | 460 | 10,913 | 10,028 | 27, 629 | 6, 504 | 14,090 | 28,740 | 14, 650 |
| 1909. | 450 | 11,751 | 9,655 | 24, 007 | 6,518 | 13,995 | 29,844 | 15,849 |
| 1904 | 263 | 8,141 | 5,192 | 20, 207 | 4,237 | 7,395 | 17,560 | 10,165 |
| 1890. | 221 | 6,513 | 4,631 | 9, 479 | 3,111 | 4,465 | 11, 480 | 7,015 |
| 1889. | 108 | 5,014 | 3,845 | 7,219 | 2,880 | 2,208 | 7,826 | 5,618 |
| 1879. | 35 | 3,069 |  | 3,248 | 1,469 | 1,076 | 4,330 | 2,654 |
| 1869. | 39 | 2,469 | 711 | 2,723 | 1,232 | 1,627 | 4,062 | 2, 435 |
| 1859 | 34 | 1,033 |  | 1, 318 | 571 | 695 | 2,258 | 1,563 |
| 1849. | 20 | 24. |  | 104 | 75 | 131 | 204 | 183 |
| States, 1010. |  |  |  |  |  |  |  |  |
| Callfornia. | 27 | 209 | 280 | 1,124 | 303 | 901 | 1,672 | 771 |
| Connecticut | 7 | 705 | 826 | 1,776 | 799 | 877 | 2,415 | 1,038 |
| Illinols. | 40 | 1.,448 | 2,034 | 4,462 | 1,491 | 3,299 | 6,758 | 3,459 |
| Indiana. | 3 | 42 | 146 | 178 | 37 | 134 | 319 | 185 |
| Maryland | , | 85 | 21 | 99 | 35 | 85 | 170 | 85 |
| Massachusett | 7 | 00 | 63 | 222 | 102 | 121 | 347 | 226 |
| Michigan.. | 13 | 118 | 75 | 433 | 179 | 818 | 1,417 | 599 |
| Minnesota. | 7 | 75 | 01 | 237 | 75 | 204 | 4.48 | 224 |
| Mdssouri. | 6 | 251 | 240 | 929 | 326 | 927 | 1,682 | 755 |
| Now Jersey | 12 | 1,703 | 1,303 | 12,717 | 1,307 | 4,046 | 6,593 | 2,547 |
| New York | 105 | 2,977 | 2,048 | 8,177 | 3,379 | 4, 888 | 11,784 | 6,904 |
| Ohio.. | 35 | 839 | 952 | 2,986 | 718 | 1,742 | 3,365 | 1,623 |
| Pemnsylvania. ..... | 42 | 577 | 679 | 1,614 | 534 | 900 | 2,299 | 1,399 |

1 Inoludes: California, 1 establlshment; Conneotiont, 1; Indiane, 2; Kansas, 1; Maine, 1 Maryland, 2; Massachusetts, 2; Missouri, 1 ; Nebraska, 1; Ohio, 2; Oregon, 1; Pennsylvania, 1; Texas, 1; Wisconsin, ${ }^{4}$
B Inoludes: Conneotiont, 1 establishment; Indiana, 1; Maine, 1; Maryland, 2 ; Massachusetts, 2; Michi-
gan, 1; Nebraska, 1; Ohio, 6; Oregon, 1; Rhode Island, 1; Washington, 1; West Virginia, 2; Wisconsin, 3.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| YEAR AND STATE. | Number of estab-lishments. | TVage (average number). | Primary horsepower. | Capital. | Wages. | $\begin{gathered} \text { Cost of } \\ \text { materials. } \end{gathered}$ | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

GAS AND ELECTRIC FIXTURES-Continued.

| States, 1919-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rhode Istand | 3 | 32 | 12 | 897 | \$2i | \$57 | \$149 |  |
| Washington.. | 6 | 45 | 83 | 175 | ${ }^{17}$ | 178 | 393 | 215 |
| Wisconsin... | 10 | 307 | 247 | 832 | 231 | 565 | 1,310 | 745 |
| All other states | 14 | 222 | 201 | 815 | 193 | 525 | 1,167 | 642 |

GAS, ILLUMINATING AND HEATING. ${ }^{2}$

|  | 1,022 | 42,908 | 238,467 | \$1,465 656 | 852,759 | \$157, 561 | \$329, 279 | \$171,728 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914 | 1,284 | 43, 792 | 213,370 | 1,252, 422 | 26. 802 | 76, 779 | 220,238 | 143,459 |
| 1909. | 1,296 | 37,215 | 128,350 | $9 \cdot 5,237$ | 20, 931 | 52, 428 | 166, $\mathrm{Kl}_{14}$ | 114, 386 |
| 1904. | 1,019 | 30, 566 | 73, 101 | 725. 035 | 17.058 | 37,180 | 125, 145 | 87, 965 |
| 1899 | 877 | 22,459 | 31,797 | 567001 | 12,436 | 20, 605 | 75,717 | 55, 112 |
| 1889. | 742 | 12,996 | 26,475 | 278,772 | 8,500 | 14,037 | 56, 987 | 42, 950 |
| 1869 | 390 | 8,723 | 2,768 | 71,774 | 6,547 | 10, 869 | 32,049 | 21,180 |
| 1859 | 221 | 5,730 |  | 28, 849 | -2,322 | 3,668 | 12,016 | 8,348 |
| 1849. | 30 | 952 |  | 6,674 | 301 | 503 | 1,922 | 1, 419 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 12 | 522 | 333 | 7,575 | 544 | 762 | 1,646 | 88. |
| Arizona | 9 | 63 | 590 | 1,614 | 85 | 350 | 691 | 341 |
| California | 57 | 2,444 | 24,545 | 62.208 | 2,754 | 8,000 | 20, 441 | 12,441 |
| Colorado | 10 | 448 | 736 | 10,973 | 565 | 1,001 | 2,649 | 1,648 |
| Connectic | 22 | 1,270 | 3,071 | 27, 214 | 1,687 | 3,190 | 8,347 | 5,157 |
| Delaware | 7 | 145 | 167 | 7,728 | 188 | 449 | 1,053 |  |
| Florida. | 14 | 418 | 1,074 | 10, 850 | 422 | 983 | 1,489 | 1,006 |
| Georgia | 17 | 486 | 1,344 | 11, 103 | 498 | 1,519 | 3,005 | 1,486 |
| Idaho. | 4 | ${ }^{35}$ | ${ }^{4} 402$ | 1,982 | + 41 | ${ }^{17} 90$ | ${ }^{2} 211$ |  |
| mlinois | 70 | 4,430 | 21, 912 | 172,855 | 5,372 | 17, 892 | 36,930 | 10,038 |
| Indiana | 53 | 1,902 | 8,378 | 33,000 | 2,138 | 6, 611 | 12,454 | 5, 8.43 |
| Iowa. | 68 | 727 | 5,316 | 20, 601 | 847 | 2,641 | 5,737 | 3,096 |
| Kansas | 7 | 52 | 557 | 1,403 | 6.4 | 155 | 400 | 245 |
| Kentuck | 10 | 90 | 312 | 1,981 | 74 | 160 | 340 | 180 |
| Maine. | 13 | - 220 | 463 | 4,431 | 267 | 647 | 1,381 | 734 |
| Maryland | 16 | 875 | 2, 831 | 34,833 | 1,272 | 2,858 | 6,448 | 3,590 |
| Massachus | 51 | 2,654 | 18,827 | 77,030 | 3,557 | 10,774 | 24,231 | 13,457 |
| Michigan. | 59 | 2,846 | 13,593 | 60, 126 | 3, 905 | 8,270 | 17,903 | 9,723 |
| Minnesota | 23 | 707 | 5,908 | 21,4 42 | 860 | 2,408 | 5,518 | 3,110 |
| Mississipp | 7 | 122 | 228 | 1,191 | 100 | 204 | 411 | 207 |
| Missouri. | 20 | 1,318 | 8,772 | 51, 942 | 1,539 | 2,996 | 11, 113 | 8,117 |
| Montana | , | 63 | 170 | 1,816 | 99 | 197 | 487 | 290 |
| Nebraska | 20 | 291 | 1, 639 | 12, 477 | 328 | 1,134 | 2,446 | 1,312 |
| New Hamps | 13 | 209 | 298 | 3,552 | 228 | 1529 | 1,195 | ${ }_{6} 66$ |
| New Jersey | 38 | 2,083 | 14,757 | 105, 766 | 2,375 | 7,375 | 20,317 | 12, 942 |
| New York | 96 | 8,409 | 54, 291 | 447,549 | 10, 698 | 41, 170 | 60,389 | 28, 169 |
| North Carol | 22 | 341 | 1,086 | 6, 618 | 320 | 078 | 1,522 | 844 |
| North Dal | J | 43 | 66 | 1,006 | 60 | 155 | 384 | 229 |
| Ohio. | 15 | 162 | 822 | 6, 601 | 225 | 358 | 887 | 520 |
| Oregon. | 11 | 334 | 1,910 | 14,550 | 353 | 818 | 2,927 | 2,100 |
| Pennsylvania | 80 | 3,324 | 16, 671 | 91, 778 | 4,241 | 17,330 | 31,508 | 14,268 |
| Rhode Tslaud. | $\stackrel{4}{4}$ | ${ }^{670}$ | 2,335 | 1.5, 502 | 88.1 | 2,073 | 4,478 | 2, 405 |
| South Carolina | 10 | 219 | 950 | 2,511 | 105 | 475 | 047 | 472 |
| South Dako | 12 | 80 | 473 | 1,835 | 83 | 320 | 614 | 294 |
| Tennessee. | 10 | 47.4 | 1,868 | 13, 546 | 421 | 841 | 1,801 | 960 |
| Texis. | 25 | 643 | 3,622 | 15, 405 | 8128 | 1,587 | 3,014 | 2,027 |
| Utah. | 4 | 172 | 638 | 6, 5068 | 196 | 205 | 790 | 495 |
| Vermont | 9 | 87 | 136 | 2,015 | 90 | 222 | 486 | 204 |
| Virginia. | 17 | 475 | 1,875 | 0,801 | 667 | 1,457 | 3,150 | 1,693 |
| Washington | 12 | 637 | 2, 969 | 23, 987 | 838 | 1, 6006 | 3, 181 | 2,075 |
| Wisconsin. | 34 | 1,204 | 7,809 | 32, 882 | 1,556 | 8,575 | 8,153 | 4,578 |
| All other states ${ }^{\text {a }}$ | 18 | 1,124 | 4,603 | 27,701 | 1,260 | 3,300 | 7,445 | 4, 049 |

[^42]TABIE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919 -Continued.

| year and state. | Number of estab-lishments. | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

GAS MACHINES AND GAS AND WATER METERS.

| Unitel States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 105 | 5,589 | 8,601 5 5111 | \$2.4,981 | $\begin{array}{r}\$ 5,996 \\ 3,310 \\ \hline\end{array}$ | \$10,647 6.118 | \$21, 184 | 81.5,068 |
| 1914. | 125 | 4,767 | 4,328 | 13,559 | 2,807 | 4,995 | 13,308 | 8,313 |
| 1909 | 88 | 2,674 | 1,602 | 5,601 | 1, 532 | 2,613 | 5, 631 | 3,018 |
| 1804. | 113 | 2,166 | . 974 | 4,602 | 1,185 | 1,943 | 4,391 | 2,448 |
| 1899 | 38 | 998 | 362 | 1,603 | 620 | 676 | 1,839 | 1,163 |
| 1879. | 34 | 853 |  | 1,147 | 397 | 637 | 1,334 | ${ }_{84}^{697}$ |
| 1809................ | 15 | 664 | 197 | 1,051 | 442 | 612 | 1,452 | 840 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California | 3 | 4 | 31 | 41 | 9 | 11 | 35 | 24 |
| Illinois.. | 21 | 665 | 454 | 3,934 | 714 | 1,519 | 2,963 | 1,444 |
| Indiana. | 7 | 325 | 1,551 | 1,002 | 372 18 | 542 | 1,451 |  |
| Iowa. | 5 | 255 | 222 | 1,056 | 285 | 476 | 1,350 | 874 |
| Maryland. | 0 | 23.5 | 932 | 1,229 | 248 | 437 | 1,465 | 1,028 |
| New Jersoy | 12 | 1,594 | 1,428 | 6,939 | 1,572 | 2,545 | 6,469 | 3,924 |
| New York. | 14 | , 211 | 1, 750 | 1,393 | , 288 | 1,035 | 1,934 | 899 |
| Pennsylvania | 13 | 1,196 | 1,449 | 5,030 | 1,308 | 1,923 | 5,732 | 3, 809 |
| All other states 1. | 20 | 1,087 | 1,760 | 4,228 | 1,182 | 2,134 | 4,762 | 2,628 |

GLASS.

| Undted States. |  |  |  |  |  |  | \$261, 884 | \$171, 104 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 371 | 77,520 | 207, 430 | \$215,680 | \$87,527 | $\$ 90,780$ 46,017 | \$201, 123 , 085 | \$77,068 |
| 1914 | 348 <br> 363 | 64, 6811 | 123, 132 | 129,288 | 39, 300 | 32, 119 | 92, 095 | 59,976 |
| 1909 | 309 | *8,969 | -01, 476 | -89,389 | 37,288 | 26, 146 | 79, 608 | 53, 462 |
| 1904. | 355 | 52, 518 | 52,943 | 61, 424 | 27,085 | 16, 731 | 56,540 | 39, 809 |
| 1889 | 294 | 44, 832 | 28, 241 | 40,967 | 20, 888 | 12, 141 | 41, 051 | 28, 910 |
| 1879 | 169 | 24, 177 | 5; 672 | 18,805 | 9, 144 | 8, 029 | 21, 155 | 12, 1204 |
| 1869 | 154 | 15,307 | 1,857 | 13,826 | 7,589 | 5,864 | 18,468 8,775 | 12, ${ }^{\text {5, }} 864$ |
| 1859. | 112 | 9,016 5,668 |  | 6,134 3,402 | 2,904 2,095 | 2, 1,557 | -4,642 | 3,085 |
| 1849................ | 94 | 5,668 |  | 3,402 | 2,000 | 1, 0 |  |  |
| Arkanses. | 3 | 336 | 1.62 | + 625 | $\begin{array}{r}503 \\ 1.654 \\ \hline\end{array}$ | 155 1,326 | 932 3,761 | 777 2,435 |
| California | 7 | 1,333 4,065 | 2,764 10,594 | 2,088 13,008 | 1,014 | 5,559 | 18,244 | 12,685 |
| mlinois.. | ${ }_{35}^{14}$ | 9,350 | 10,997 | 19,901 | 9,012 | 13,155 | 30, 107 | 16, 052 |
| Indiana. |  | - 584 | 18, 813 | 19,977 | 1,196 | 607 | 2,134 | 1,527 |
| Kansas.. |  | 1,755 | 1,848 | 2,360 | 1, 643 | 1,039 | 4, 032 | 2,993 |
| Maryland | 4 | 1, 2,034 | 14,188 | 7,884 | 2,411 | 2,560 | 6, 927 | 4,367 |
| Missourl. | 21 | 5,942 | 14, 684 | 12,508 | 6, 007 | 4,445 | 13, 695 | 9,250 |
| Now York | 10 | 3,929 | 4,893 | 11,160 | 5, 004 | 4,045 | 12,996 | 8,951 |
| Ohio.. | 44 | 10, 035 | 37, 831 | 27, 690 | 12, 112 | 12,052 | 35,240 4 4 | 22,588 |
| Oklahoma | 16 | 1, 802 | 2,795 | 4, 248 | 1, 764 | 17, 658 | 80, 480 | 52, 282 |
| Pennsylvania. | 102 | 21, 002 | 70, 818 | 71, 8048 | 26, 394 |  |  | 500 |
| Virginia. ${ }^{\text {West. }}$ |  |  |  | 36,458 | 13, 657 | 13, 801 | 42,730 | 28,929 |
| West Virginia. <br> All other states | 12 | 1, 1,654 | 7,496 | 3,972 | 1,967 | 1,534 | 5, 024 | 3,490 |

Includes. Connecticut, 1 ostablishment; Kansas, 2; Kentucky, 1; Massachusetts, 3; Michigan, 3;
Minnesota, 3; Missourl, 2; Oklahoma, 1; Oregon, 1; Rhode Island, 1 ; Temnessee, 1; Wisconsin , 1; South
2 Includes: Loulslana, 2 ostablishmonts; Massachusetts, 1; Mchigan, 1; Rhode Island, 1 ; South Carolina, 1 ; Tennessee, 1; Texas, 2; Washington, 1 ; Wisconsin, 2.

TABLE 225-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

GLASS, CUTTING, STATNING, AND ORNAMENTING.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 616 | 6,480 | 5,110 | \$18,089 | \$6,155 | \$14,358 | \$28, 443 | \$14,085 |
| 1914. | 635 | 8,067 | 5,539 | 11, 310 | 4,670 | 7,143 | 16,446 | 9,303 |
| 1909. | 583 | 9,362 | 4,897 | 10,296 | 5, 249 | 6,246 | 16, 101 | 9,855 |
| 1904 | 453 | 8,379 | 3,973 | 7,305 | 4,359 | 4,845 | 13, 138 | 8,293 |
| 1899. | 511 | 4,914 | 2,098 | 4,001 | 2,394 | 3,535 | 8,750 | 5,215 |
| 1889. | 279 | 3,320 | 996 | 2,504 | 1,955 | 2,188 | 6,090 | 3,902 |
| 1879. | 170 | 1,586 |  | 945 | 707 | 1,157 | 2,635 | 1,378 |
| 1869. | 47 | ${ }^{1} 455$ | 224 | 286 | 257 | 269 | 768 | 499 |
| States, 1919. |  |  |  |  |  |  |  |  |
| alifornia. | 37 | 134 | 132 | 729 | 207 | 713 | 1,313 | 600 |
| Connecticut | 15 | 122 | 94 | 313 | 117 | 174 | , 394 | 220 |
| Inlinois.... | 49 | 577 | 221 | 1,058 | 485 | 1,173 | 2,308 | 1,135 |
| Indiana. | 12 | 271 | 264 | 936 | 218 | 1,417 | 2,125 | 708 |
| Iowa.. | 5 | 12 | 8 | 9 | 15 | 15 | 40 | 24 |
| Maryland | 5 | 21 | 23 | 76 | 20 | 67 | 161 | 95 |
| Massachusetts. | 26 | 177 | 134 | 299 | 178 | 309 | 672 | 363 |
| Michigan.. | 14 | 104 | 137 | 2,187 | 158 | 330 | 619 | 289 |
| Minnesota. | 17 | 119 | 92 | 393 | 108 | 55.1 | 833 | 282 |
| Missouri. | 17 | 126 | 182 | 251 | 126 | 124 | 409 | 285 |
| New Jersey | 45 | 634 | 471 | 1,146 | 596 | 828 | 1,907 | 1,079 |
| New York. | 175 | 1,822 | 912 | 4,152 | 1,972 | 3,574 | 7,951 | 4,377 |
| Ohio.. | 37 | 532 | 405 | 988 | 472 | 1,400 | 2,506 | 1,160 |
| Pennsylvania. | 94 | 1,384 | 1,507 | 4,216 | 1,030 | 2,503 | 4,905 | 2,402 |
| Rhode Island. | 8 | 53 | 10 | 92 | 57 | 69 | 182 | 113 |
| Texas. | 8 | 35 | 92 | 115 | 46 | 80 | 103 | 83 |
| Washington. | 6 | 29 | 48 | 68 | 42 | 82 | 186 | 104 |
| West Virginia. | 9 | 100 | 115 | 294 | 117 | 315 | 4182 | 177 |
| Wisconsin.... | 12 | 42 | 42 | 82 | 50 | 8 | 189 | 107 |
| All other states ${ }^{1}$ | 25 | 126 | 215 | 685 | 141 | 552 | 1,028 | 476 |

GLOVES AND MITTENS, CLOTH, NOT INOLUDING GLOVES MADE IN TEXTILE MILLS.

| 1919. | 182 | 8,986 | 3,364 | \$17,688 | \$4, 855 | \$16,092 | \$28, 220 | \$12, 128 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Illinois. | 14 | 703 | 254 | 1,451 | 366 | 1,278 | 2,413 | 1,135 |
| Indiana | 24 | 1,520 | 650 | 3,570 | 784 | 3,674 | 5, 860 | 2,186 |
| Iowa. | 6 | 244 | 112 | 662 | 98 | 526 | 757 | 231 |
| Michigan. | 9 | 132 | 107 | 230 | 69 | 400 | 533 | 133 |
| Missouri. | 4 | 341 | 115 | 596 | 177 | 779 | 1,208 | 429 |
| New York | 44 | 2,986 | 663 34 | 5,011 | 1,687 13 | 2,477 | 0,788 | 4,311 |
| North Carolin |  |  | 34 839 8 | 4,385 | 1,13 |  | 7, 127 |  |
| Ohio.. | 35 19 | $\begin{array}{r}2,162 \\ \hline \\ \hline 188\end{array}$ | 839 <br> 305 | 4,380 | 1,1270 | 4, 081 | 7,050 | 2,689 309 |
| Washington. | 3 | 61 | 35 | 246 | 46 | 204 | ,277 | 73 |
| All other states 2 | 20 | 363 | 250 | 863 | 218 | 1,075 | 1,609 | 534 |

[^43]TABLE 225.-SUMMARY FOR INDUSTRTES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1910-Continued.

| year and state. | $\left\|\begin{array}{c} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{array}\right\|$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

GLOVES AND MITTENS, LEATHER.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 355 | 10,685 | 3,288 | \$29,870 | \$8,151 | \$26,286 | \$46,941 | \$20,655 |
| 1914. | 352 | 10,608 | 3,357 | 17,080 | 4,558 | 12,171 | 21,614 | 9,443 |
| 1809 | 377 | 11,354 | 2,889 | 16,909 | 4,704 | 13,208 | 23,631 | 10, 423 |
| 1904. | 339 | 10,645 | 2,725 | 10,706 | 3,840 | 10,001 | 17,740 | 7,739 |
| 1899. | 394 | 14,345 | 2,165 | 9,090 | 4,183 | 9,483 | 16,926 | 7,443 |
| 1889. | 324 | 8,187 | 958 | 5,978 | 2,670 | 5,021 | 10, 104 | 5,053 |
| 1879. | 300 | 7,697 |  | 3,380 | 1,056 | 4,351 | 7,380 | 3,029 |
| 1869. | 221 | 4,058 | 89 | 2,341 | 981 | 1, 884 | 3,999 | 2,115 |
| 1859. | 126 | 1,429 |  | 595 | 330 | 538 | 1,177 | 639 |
| 1849. | 110 | 1,938 |  | 181 | 233 | 323 | 708 | 385 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 27 | 665 | 138 | 1,645 | 561 | 855 | 2,048 | 1,193 |
| Illinois. | 31 | 1,239 | 376 | 2,242 | 1,024 | 3,074 | 5,423 | 2,349 |
| Indiana | 4 | 213 | 89 | 303 | 86 | 375 | 588 | 213 |
| Iowa. | 6 | 290 | 81 | 1,316 | 189 | 753 | 1,520 | 767 |
| Massachusetts | 5 | 50 | 18 | 158 | 49 | 136 | 225 | 89 |
| New York | 219 | 5,510 | 1,462 | 18,405 | 4,388 | 14,567 | 26,763 | 12,196 |
| Pennsylvania. | 6 | 112 | 44 | 248 | 61 | 250 | 345 | 95 |
| Virginia... | 4 | 62 | 13 | 123 | 31 | 191 | 252 | 61 |
| Washington. | 7 | 46 | 12 | 138 | 65 | 131 | 244 | 113 |
| Wisconsin. | 28 | 1,728 | 609 | 3,766 | 1,205 | 4,267 | 6,773 | 2,506 |
| All other states ${ }^{1}$ | 18 | 770 | 446 | 1,520 | 402 | 1,687 | 2,760 | 1,073 |

GLUCOSE AND STARCH.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 56 | 7,795 | 52,840 | \$58,183 | \$11,962 | \$130, 329 | \$186, 250 | \$ $\$ 155,927$ |
| 1914. | 89 | 4,509 | 41,639 | 43, 642 | 3, 550 | 40, 208 | 52,015 | 12,407 |
| 1909. | 118 | 4,773 | 28,257 | 38,886 | 2,666 | 36,899 | 48,799 | 11,900 |
| 1904. | 140 | 4,679 | 35, 986 | 24, 053 | 2,041 | 25, 519 | 32,650 | 7,131 |
| 1899 | 132 | 5,943 | 26,642 | 52,083 | 2,855 | 21,580 | 30, 927 | 9,347 |
| 1889. | 87 | 4,627 | 20,989 | 10,920 | 1, 861 | 10,183 | 16, 691 | 6,508 |
| 1879. | 146 | 4,311 |  | 7, 583 | 1,525 | 7,956 | 12,029 | 4,073 |
| 1869 | 105 | 2,072 | 4,547 | 2,742 | 901 | 3,885 | 5,994 | 2,109 |
| $1859{ }^{2}$ | 167 | 1,073 |  | 2,052 | 299 | 1,380 | 2,823 | 1,443 |
| 18492 | 146 | 694 |  | 698 | 193 | 799 | 1,261 | 462 |
| Stater, 1010. |  |  |  |  |  |  |  |  |
| Lowa. | 4 | 1,007 | 8,418 | 10,548 | 1, 498 | 17,641 | 24,689 | 7,048 |
| Maine. | 26 | 255 | 858 |  | 298 | 1, 178 | 1,752 | 574 |
| Minnesota.. | 6 |  | 43, 263 | 152 46,551 | -10,151 |  |  | 21 48,284 |
| All other states ${ }^{\text {s }}$ | 20 | 6,517 | 43,307 | 46,551 | 10,151 | 111,442 | 159,726 | 48,284 |

GLUE, NOT ELSEWHERE SPEOIFIED.

| United States. |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

1 Includes: Colorado, 1 establishment; Maryland, 2; Michigan, 4; Minnesota, 2; Now Eampshire, 2; New Jersey, 2; Ohio, 2; Oregon, 2; Tonnessee, 1.

3 Starch only.
${ }^{8}$ Includes: Conneaticut, 1 establishment; Mlorida, 1; Illinois, 4 ; Indiana, 3; Kentucky, 1; Massachusatts, 1; Michigan, 2; Missouri, 1; Nebraska, 1; New Jersey, 2; Now York, 1; Ohio, 1; Oregon, 1;

TABLE 225.-SUMMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage earners (average ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

GLUE, NOT ELSEWHERE SPECIFIED-Continued.

| States, 1919. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Illinois. | 11 | 1,583 | 7,477 | \$7,502 | \$1,547 | \$4,940 | \$9,157 | \$4,217 |
| Indiana. | 4 | 193 | ${ }^{3} 330$ | -753 | 264 | ${ }^{8} 82$ | 1,152 | \$4, 317 |
| Massachusetts | 13 | 826 | 1,095 | 5,410 | 940 | 3,630 | 6, 451 | 2, 821 |
| New York. | 7 | 369 | 2,005 | 4,767 | 407 | 2,381 | 4, 185 | 1,804 |
| Pennsylvania... | 7 18 |  |  |  | 748 871 | 3, 103 | 4,778 | 3, 675 |
| All other states ${ }^{1}$ | 18 | 723 | 3,694 | 4,266 | 871 | 4,424 | 6, 411 | 1,987 |

GOLD AND SIIVER, IEAF AND FOIL.


## GOLD AND SILVER, REDUCING AND REFINING, NOT FROM THE ORE.

| United States. |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

[^44]TABLE 225.-SUMMARY TOR INDUSTRIES: COMPARATIVE FOR TEE UNITED STATES, BY STATES FOR 1919-Continued.

| tear and state. | $\left\|\begin{array}{c} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{array}\right\|$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

GRAPHITE, GROUND AND REFINED.


GREASE AND TALLOW, NOT INOLUDING LUBRICATING GREASES.


[^45]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR TEE UNITED STATES BX STATES FOR 1919 -Contimued.

| year and state. | Number of estab-lishments. | Wage earners (average ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

GRINDSTONES.


HAIROLOTH.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 18 | 425 | 1,153 | \$2,999 | \$125 | \$2, 2298 | \$3,315 | \$1, 056 |
| 1914. | 19 | 595 | 1,723 | 2,945 | 290 | 1,054 | 2,395 |  |
| 1909. | 14 | 538 | 995 | 2,281 | 252 | 1,614 | 2,230 | 610 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Pennsylvania. | 14 | 339 | 891 | 2,212 | 365 | 1,904 | 2,701 |  |
| All other states ${ }^{3}$. | 4 | 86 | 262 | 787 | 6i. | 295 | 524 | 229 |

HAIR WORE.

| United States. |  |  |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

1 Grindstones, and grindstone quarrying.
2 Includes: Miehigan, 1 establishment; Ponnsylvania, 1 and West Vlrghia, 4.
${ }^{8}$ Includes: Illinois, 1 establishment; Loulsiana, 1 ; New York, 1; Rhode lsland, 1.
4 Wigs and hair work.
6 Wigs and curls.
Includes: Connecticut, 1 establishment; Indiana, 1; Iowa, 1; Kentucky, 3; Michigan, 1; Minnesota, 1;
Nebraska, 1; Oregon, 1; Rhodo lsland, 2; Tennosseo, 2; Utah, 1; Vlrginia, 1.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| yEAR AND STATE. | Number of estab-lishments. | $\begin{gathered} \text { Wage } \\ \text { earners } \\ \text { (averago } \\ \text { num- } \\ \text { ber). } \end{gathered}$ | Primary horsepower. | Capital. | Wages. | Cost of | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

HAMMOCKS.


## HAND STAMPS.

| - United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919.. | 298 | 1,719 | 1,474 | \$4,250 | \$1,833 | \$2, 634 | \$7,739 | \$5,105 |
| 1914. | 277 | 1,321 | 973 | 2,273 | 848 | 1,093 | 3,383 | 2,290 |
| 1909. | 266 | 1,272 | 044 | 1,879 | 727 | - 925 | 2,904 | 1,979 |
| 1904. | 224 | 976 | 329 | 1,232 | 512 | 565 | 2,018 | 1, 453 |
| 1899. | 268 | 1,052 | 306 | 1,204 | 490 | 523 | 1,938 | 1, 415 |
| 1889. | 234 | 705 | 113 | 999 | 344 | 433 | 1,584 | 1,151 |
| 1879. | 46 | 163 |  | 103 | 83 | 104 | - 319 | ${ }^{215}$ |
| 1869.. | 8 | 20 | 7 | 14 | 10 | 11 | 43 | 32 |
| States, 1910. |  |  |  |  |  |  |  |  |
| California. | 20 | 105 | 97 | 828 | 126 | 169 | 543 | 374 |
| Colorado.. | 3 | 8 | 8 | 7 | 8 | 8 | 22 | 14 |
| Connecticut. | 5 | 26 | 44 | 84 | 28 | 19 | 92 | 73 |
| Districti of Columbla. | 4 | 81 | 21 | 108 | 87 | 107 | 215 | 108 |
| Inlinois.. | 27 | 238 | 165 | 570 | 250 | 357 | 1,014 | 657 |
| Indiana. | 10 | 69 | 47 | 86 | 46 | 80 | 214 | 134 |
| Iowa..... | 7 | 10 | 11 | 32 | 11 | 11 | 38 | 27 |
| Kentucky... | 4 | 5 | 6 | 11 | 5 | 9 | 19 | - 10 |
| Maine. . . | 3 | 5 | 1 | 5 | 5 | 6 | 15 | 9 |
| Massachusetts. | 18 | 100 | 53 | 167 | 83 | 101 | 335 | 234 |
| Michigan... | 11 | 20 | 25 | 47 | 22 | 55 | 151 | 96 |
| Minnesota. | 10 | 59 | 42 | 156 | 59 | 73 | 250 | 177 |
| Missouri... | 8 | 59 | 42 | 113 | 65 | 76 | 225 | 149 |
| New Jersoy. | 4 | 9 | 4 | 14 | 8 | 8 | 32 | 24 |
| New York. . | 45 | 880 | 232 | 941 | 431 | 783 | 2,023 | 1,240 |
| Ohio...... | 23 | 88 | 87 | 197 | 87 | 127 | 410 | 283 |
| Oklahoma. | 4 | 3 | 1 | 6 | 3 | 5 | 20 | 15 |
| Pennsylvania | 27 | 829 | 401 | 979 | 345 | 384 | 1,283 | 899 |
| Rhode lsland. | 6 | 18 | 7 | 31 | 10 | 11 | 1, 42 | 31 |
| Tennessoo. | 4 | ${ }^{6}$ | 7 | 8 | 7 | 13 | 31 | 18 |
| Toxas.. | 0 | 16 | 8 | 28 | 23 | 20 | 77 | 57 |
| Virginia. | 8 | 20 | 21 | 46. | 20 | 20 | 60 | 40 |
| Washington. | 10 | 37 | 63 | 107 | 51 | 57 | 172 | 115 |
| All other states ${ }^{2}$. | 88 | 87 | 81 | 180 | 103 | 135 | 456 | 321 |

HARDWARE.


1 Tncludes: Lllinois, 2 establishmonts; Maine, 1; Massachusetts, 1 ; New York, 1; Wisconsin, 1.
${ }^{2}$ Includes: Alabama, 1 establishment; Arkansas, 2; Florida 2; Coorgla, 2; Kansas, 2; Louisiana, 1; Maryland, 3; Montana, 1; Nebraska, 2; New Hampshire, 2; North Carolina, 2; North Dakata, 2; Oregon, 2 ; South Carolina, 2; South Dákota, 1 ; Utah, 1 ; Vormonti, 1 ; West Virginia, 2; Wisconsin, 5.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |
| HARDWARE-Continued. |  |  |  |  |  |  |  |  |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 17 | 102 | 271 | \$187 | \$139 | \$182 | \$410 | \$228 |
| Connecticut. | 64 | 18,614 | 27, 443 | 59,810 | 20,785 | 20,204 | 61,751 | 41,547 |
| Illinois. | 84 | 4,914 | 9,551 | 20, 188 | 5, 61217 | 8, 675 | 22,443 | 13,768 |
| Indiana. | 8 | 174 | 171 | 5003 | 124 | 303 | 700 | , 397 |
| Iowa... | 10 | 578 | 531 | 2,139 | 582 | 919 | 2,258 | 1,339 |
| Kentucky. | , | 343 | 772 | 978 | 285 | 492 | 1,333 | 841 |
| Maryland. | 6 | 77 | 136 | 246 | 81 | 110 | , 337 | 227 |
| Massachusetts. | 30 | 500 | 691 | 1,610 | 462 | 881 | 2,452 | 1,571 |
| Michigan:. | 30 | 2,174 | 2,671 | 5, 622 | 2,498 | 3,192 | 8,701 | 5,569 |
| Missouri... | 9 | , 334 | ${ }^{439}$ | 1,055 | +316 | [1884 | 1,393 | , 709 |
| Now Jersey. | 27 | 1,434 | 2,147 | 4,244 | 1,428 | 2,239 | 5,300 | 3,061 |
| New York. | 100 | 3,977 | 6,208 | 11, 937 | 3,780 | 7,074 | 15, 648 | 8,574 |
| Ohio.. | 50 | 4,576 | 7,818 | 11, 161 | 4, 810 | 7,522 | 16, 694 | 9,172 |
| Pennsylvania. | 62 | 4,112 | 7,462 | 11,932 | 3,703 | 4, 657 | 12,080 | 7, 423 |
| RhodeIsland. | 4 | 33 | 32 | 92 | 22 | 131 | 207 | 76 |
| Wisconsin. | 11 | 168 | 418 | 857 | 142 | 535 | 918 | 383 |
| All other states 1. | 32 | 390 | 828 | 1,515 | 447 | 734 | 1,840 | 1,106 |

HARDWARE, SADDLERY.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 37 | 3,675 | 7, 161 | \$10, 992 | \$4,044 | 84,282 | \$14, 137 | \$0,855 |
| 1914. | 58 | 2,511 | 4,134 | 5, 353 | 1,248 | 1,700 | 4, 040 | 2,250 |
| 1909. | 73 | 3,309 | 4,879 | 5, 5154 | 1,560 | 2,014 | 5,181 | 3,167 |
| 1904. | 82 | 3,395 | 3,466 | 4,319 | 1, 624 | 1, 830 | 4, 821 | 2,991 |
| 1899 | 80 | 2, 940 | 2,986 | 3,335 | 1,217 | 1,090 | 4, 149 | 2, 459 |
| 1889. | 102 | 2,917 | 1,932 | 3,376 | 1.260 | 1,625 | 4,118 | 2, 493 |
| 1879. | 64 | 2, 815 |  | 1,656 | 960 | 1,851 | 3,651 | 1, 800 |
| 1869. | 1.55 | 2,566 | 949 | 1,482 | 1,062 | 1,258 | 3,227 | 1,889 |
| States, 1019. |  |  |  |  |  |  |  |  |
| Connecticut. | 4 | 1,399 | 1,575 | 4,628 | 1, 504 | 1,457 | 5,400 | 3,943 |
| Now Jorsey. | 7 | 131 | 1329 | 0608 | 149 | 150 | . 002 | . 512 |
| New York. | 5 | 300 | 1,257 | 2,039 | 360 | 818 | 2,003 | 1,185 |
| Oregon.. | 3 |  | 23 |  | ${ }^{6}$ | 2 | 12 | 10 |
| All other states ${ }^{2}$ | 18 | 1,781 | 3,977 | 3,712 | 2,025 | 1,855 | 6,060 | 4, 205 |

HAT AND OAP MATERIALS.


[^46]TABLE 2S5.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES IOR 1919-Continued.

| YEAR AND STATE. | Number of estab-lishments. | Wage earners (average num ber). | Primary horsepower. | Capital. | Wages. | Cost of | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | IExpr | sed in thou | asands. |  |

HATS AND CAPS, OTHER THAN FELT, STRAW, AND WOOL.


HATS, FUR-FELT.


[^47]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

HATS, STRAW.

| 1919 | 148 | 7,302 | 3,392 | \$18,560 | \$6,605 | \$16,910 | \$32,187 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914 | 149 | 9,483 | 5,248 | 12,589 | 5, 253 | 14,086 | - 25,444 | \$15,277 |
| 1909 | 98 | 8,814 | 3,482 | 11,538 | 4,471 | 11,468 | 21, 424 | -9,956 |
| 1904. | 68 | 5,567 | 2,366 | 6,036 | 2, 434 | 5,510 | 10,357 | 4, 847 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Georgia | 3 | 281 | 94 | 766 | 215 | 690 | 1,217 | 527 |
| Illinois. | 12 | 191 | 26 | 363 | 194 | 542 | ${ }^{9} 928$ | 386 |
| Maryland | 7 | 1,385 | 1,186 | 4,266 | 1,030 | 1,975 | 4,719 | 2,744 |
| Massachuset | 13 | 1,490 | 695 | 2,195 | 1,109 | 2,980 | 5, 485 | 2,505 |
| Missouri | 10 | 384 | 49 | 1,018 | 284 | 1,219 | 2,464 | 1,245 |
| New York | 79 | 2,593 | 811 | 8,088 | 2,904 | 7,847 | 13,912 | 6,065 |
| Pennsylvania | 8 | 223 | 73 | 145 | 205 | , 357 | 84.5 | 488 |
| All other states ${ }^{1}$ | 16 | 755 | 458 | 1,449 | 664 | 1,300 | 2,617 | 1,317 |

HATS, WOOL-FELT.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 40 | 1,448 | 2,696 | \$3, 831 | \$1,388 | \$3,700 | \$6, 740 | \$3,040 |
| 1914. | 30 | 1,249 | 3,091 | 2, 609 | 600 | 978 | 1,944 | 966 |
| 1909. | 31 | 1,986 | 2,521 | 2, 476 | 988 | 2,472 | 4,382 | 1,910 |
| 1904 | 17 | 1,503 | 1,847 | 1, 646 | 619 | 1,370 | 2,457 | 1,087 |
| 1899. | 24 | 2,108 | 2,324 | 2, 051 | 938 | 2, 042 | 3, 592 | 1,550 |
| 1889 | 32 | 3,500 | 3,295 | 4, 142 | 1,250 | 2, 802 | 5,330 | 2,528 |
| 1879. | 43 | 5,470 | 3,992 | 3,616 | 1,893 | 4,786 | 8,517 | 3,731 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Louisiana. |  | 18 | 10 | 13 | 12 | 14 | 34 | 20 |
| New Jersey | 3 | 7 | 4 | 17 | 6 | 14 | 27 | 13 |
| New York. | 9 | 514 | 1,136 | 1,708 | 537 | 1, 213 | 2,332 | 1,119 |
| Pennsylvania | 10 | 323 | 957 | 784 | 441 | ${ }^{1} 930$ | 1,598 | 668 |
| All other states ${ }^{2}$. | 15 | 586 | 589 | 1,309 | 592 | 1,529 | 2, 749 | 1,220 |

HONES AND WHETSTONES.


[^48]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| ybar and state. | Number of estab-lish- | Wage earners (average numb | $\begin{aligned} & \text { Primary } \\ & \text { horse- } \\ & \text { power. } \end{aligned}$ | Capital. | Wages. | Cost of materials. | Value of products. | Value <br> added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

HORSESHOES, NOT MADE IN STEEL WORES OR ROLLING MILLS.


HOUSE-TURNISHING GOODS, NOT ELSEWHERE SPECIFIED.

| U19 Unted States. | 407 | 7, 853 | 12,24) | \$32, 627 | \$6, 444 | \$39,794 | \$60, 212 | \$20, 418 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1910. | 370 | 6,935 | 11, 731 | 10,014 | 3,307 | 17, 391 | 26, 453 | 9, 062 |
| 1900. | 260 | 4,907 | 9,32s | 12, 784 | 2, 035 | 12, 371 | 18, 509 | 6, 138 |
| 1904. | 237 | 4,778 | 8,748 | 9,872 | 1,880 | 9, 627 | 15, 011 | 5,384 |
| 1899 | 209 | 5,212 | 8,531 | 10,634 | 1,838 | 9, 198 | 14, 278 | 5,080 |
| 1889. | 133 | 3,417 | 4,553 | 6,940 | 1,507 | 4, 833 | 8,347 | 3,514 |
| 1879. | 48 | 592 |  | 457 | 217 | 812 | 1,332 | 520 |
| States, 1019. |  |  |  |  |  |  |  |  |
| California. | 13 | 55 | 184 | 204 | 43 | 276 | 449 | 173 |
| Connectient | 8 | 874 | 3,115 | 4,144 | 808 | 3,016 | 4,673 | 1,657 |
| mlinois. | 51 | 843 | 1,247 | 2,649 | 702 | 3,974 | 6,337 | 2, 363 |
| Indiana. | 9 | 34 | 28 |  | 22 | 120 | 187 | 67 |
| Massachuse | 54 | 1,081 | 746 | 3,854 | 793 | 5,130 | 7,709 | 2,579 |
| Michigan. | 10 | 401 | 1,608 | 1,674 | 348 85 |  | 1,955 1,353 | 1, 153 |
| Missouri. | 114 | $\stackrel{102}{284}$ |  |  | 285 | $\begin{array}{r}992 \\ \text { 1,994 } \\ \hline 1\end{array}$ | 1,353 2,916 | ${ }_{922}$ |
| Now Jersoy Now York. | $\begin{array}{r}18 \\ 185 \\ \hline\end{array}$ | 2, 2871 | 4,57 2,007 | 11, 11313 | 2,304 | 18, 015 | 25,467 | 7,452 |
| Ohio... | 29 | 340 | ${ }^{2} 793$ | 1,375 | 246 | 1, 427 | 2,165 | 738 |
| Pennsylyan | 39 | 711 | 677 | 2,641 | 538 | 2,115 | 4,156 | 2, 041 |
| Wisconsin....... | ${ }^{6}$ | 25 | 922 |  | 21 247 | 33 1,933 | 85 2,760 | 827 |
| All other states ${ }^{\text {a }}$. | 33 | 332 | 9.2 | 1,770 | 247 | 1,983 | 2,760 |  |

ICE, MANUFACTURED.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 2,867 | 30,247 | 572,970 | \$270,726 | \$34, 002 | \$42, 878 | \$137,005 | \$94, 127 |
| 1914. | 2, 543 | 23, 01.1 | 461,988 | 174, 309 | 14,841 | 17,755 | 60,386 42,953 | 42,631 31,636 |
| 1909. | 2,004 | 16, 114 | 317,789 | 118, 641 | 9,779 | 11, 317 | 42,953 | - 31, 1738 |
| 1904. | 1,320 | 10, 101 | 191, 680 | 60, 592 | 5,549 | 6,011 | 23,790 | 17, 779 |
| 1899. | 775 | 6, 880 | 100, 421 | 38, 020 | 3,403 | 3, ${ }^{612}$ | 13,781 |  |
| 1889 | 222 | 2,886 | 20, 264 | 9, 846 | 1,096 |  | 4,901 | 3,960 387 |
| 1879. | 85 4 | 447 97 | 72 | 1,251 434 | 141 | 158 82 | 545 258 | 387 176 |
| States, 1910, |  |  |  |  |  |  |  |  |
| Alabama. | 59 | 658 | 9,658 | 4,415 | 476 | 780 | 2,086 | 1,306 |
| Arizona. | 31 | 272 | 4,557 | 1,928 | 372 | 612 | 1,410 | 798 |
| Arkansas | 71 | 525 | 13,516 | 8,787 | 490 | 754 | 2,132 | 1,378 |
| Omifornia | 117 | 1,535 | 32, 113 | 21, 547 | 1,955 | 2,202 | 7,113 | 4, 811 |
| Colorado. | 27 | 242 | 5, 025 | 2, 501 | 274 |  |  | 802 |
| Comnaetiel | 17 | $\begin{array}{r}37 \\ 131 \\ \\ \hline\end{array}$ | 1,646 1,597 | 888 1,116 | ${ }^{191}$ | 190 279 | 885 | 308 380 |
| Delaware District of Colimm | 17 10 | 131 <br> 238 | 1,597 | 4,1121 | 300 | 418 | $\begin{array}{r}\text { r } \\ 1,081 \\ \hline 1081\end{array}$ | ${ }_{663}$ |

1 Included under other classifloations in 1869 and 1879.
2 Tneludes: Connecticut, 2 establishments; Illinois, 1; Massachusetts, 1; Michigan, 1; Minnesota, 3; New Jersoy, 1; New York, 1; Pennsyltania, 8; Rhode Island, 1 ; Wisoonsin 1.
${ }^{3}$ Includes: Alabama, 1 establishment; Colorado, 2; Distriet of Columbia, 1; Georgia, 3; Kansas, 2; Kentuoky, 8; Louisiana, 2; Maine, 2; Maryland, 3; Minnesota, 3; Nebraska, 1; North Carolina, 4; Oklahoma, 1;
Rhode Island, 1; Tennessee, 2; Texas, 1; Washington, 1.

TABLE 225.-SUMMARY FOR TNDUSTRIES: COMPARATIVE FOR THE UNITED STATES,
BY STATES FOR 1919 -Continued.

| year and state. | Number of estab-lishments. | Wage earners (averago num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

ICE, MANUFACTURED-Continted.

| States, 1919-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Florida. | 95 | 1,412 | 18,011 | \$12,614 | 81, 153 | \$1,524 | \$4,052 |  |
| Georgia | 70 | 1, 115 | 14,249 | 8, 304 | 1, 1680 | 1,579 | 4,4,40 | $\$ 2,528$ 2,861 |
| Idaho. | 15 | 515 | 1,258 | 568 | 710 | 48 | , 273 | $\begin{array}{r}2,881 \\ \hline 225\end{array}$ |
| Illinois. | 15.1 | 1, 681 | 41, 110 | 17, 618 | 2,220 | 2,515 | 10, 0194 | 7. 2275 |
| Indiana. | 107 | ${ }^{1} 85$ | 12, 075 | 3, 870 | N | 1,413 | 4, 1088 | 2,076 |
| Iowa. | 46 | 504 | 5, 859 | 4,021 | 533 | 1832 | 1, 841 | 1,308 |
| Kansas. | 137 | 822 | 16, 5046 | 8, 464 | 938 | 1,119 | 3, 6109 | 1,308 2,390 |
| Kentucky | 99 | 754 | 12,548 | 6, 2147 | ${ }_{7 \times 3}$ | 914 | 2, 3889 | 1,775 |
| Louisiana | 70 61 | 785 632 638 | 14,730 11,903 | 5,5486 8,5000 | 783 | 1,932 | 3, 96 | 2, 2,688 |
| Massachnsett | 12 | 153 | 3,995 | 2,0162 | 201 | 183 | 2,717 | 1,740 |
| Michigan. | 18 | 742 | 8,137 | 5, 105 | 1,180 | 717 | 2,822 | ${ }^{562}$ |
| Minnesota. | 5 | 93 | 1,171 | 899 | 41 | 10 | 2,333 | 2,105 |
| Mississippi | 50 | 447 | 6,208 | 2,014 | 372 | 569 | 1,515 | ${ }_{946}$ |
| Missouri... | 129 | 1, 174 | 20, 116 | 13, 015 | 1, 4213 | 2, 108 | 6, 505 | 4,397 |
| Montana | 5 | 14 | 404 | 74 | 24 | 17 | 57 | 4, 40 |
| Nebraska. | 73 | 8838 | 4,238 14,454 | 1,3,346 | 1,3.32 | ( $\begin{array}{r}330 \\ 1,343 \\ 3\end{array}$ | 047 | 617 |
| New Moxico | 13 | 115 | 2,250 | ${ }^{2} 121$ | 2, 124 | 1,3101 | 4,051 | 3,208 |
| New York | 132 | 2,138 | 54,531 | 23,301 | 3, 0190 | 3,478 | 13,3019 | 0273 |
| North Carol | 63 | 757 | 7,415 | 3, 3 25 | mith | 761 | 2,365 | 0,431 |
| Ohio. | 141 | 1,452 | 34, 930 | 16,9014, | 2,018 | 2, 818 | 10,208 | 7,310 |
| Oklahom | 115 | 831 | 15, 34.4 | 6,712 | 044 | 1,044 | 3,574 | 2,630 |
| Oregon. | 30 | ${ }_{2} 108$ | 2, 440 | 1, 123 | ${ }_{3}^{158}$ | $)^{1145}$ | 550 | 2, 451 |
| Pennsylvania | 226 4 | 2,733 20 20 | 51,516 410 | 27, | 3,2412 2.4 | 4, 138 | 12,6886 | 8,548 |
| South Carolina. | 54 | 584 | 8,054 | 3, 8.80 | 46 | 713 |  | ${ }^{68}$ |
| Sonth Dakota. | 3 | 8 | 158 | 81 | 12 | 11 |  | 1,300 |
| Tennesseo. | 73 | 1,063 | 11,0187 | 8, 0109 | 887 | 1,154 | 3,774 |  |
| Texas | 265 | 2,362 | 55, 879 | 20, 205 | 2, 2223 | 3, 145 | 0,811 | 8,888 |
| Virginia. | 17 | 105 960 | 2,152 14,670 | 1,0181 8,132 1,08 | 124 | (80) | 3306 | ${ }^{307}$ |
| Virginia. | $\begin{array}{r}106 \\ 42 \\ \hline\end{array}$ | 969 <br> 181 <br> 18 | 15,670 4,318 | 8,132 1,675 | 1976 <br> 271 <br> 78 | 1, 109 | 3,1085 | 2,768 |
| West Virginia | 54 | 372 | 8,100 | 3,320 | 420 | $4 \times 3$ | 1,520 | . 640 |
| All othor states ${ }^{1}$. | 7 | 52 | 866 | 58. | 71 | 710 | ${ }^{2} 23$ | 1,032 144 |

INKE, PRINTING.:


[^49]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| Year and state. | Number of estab-lishments. | Wage earners (average num- | $\begin{aligned} & \text { Primary } \\ & \text { horse- } \\ & \text { power. } \end{aligned}$ | Capital. | Wages. | Cost of | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

INE, WRITING. ${ }^{1}$


INSTRUMENTS, PROFESSIONAI AND SCIENTIFIC.

|  | 351 | 15,931 | 13,020 | \$51, 570 | \$17, 500 | \$19,495 | \$58, 137 | \$38,642 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 19.9. | 307 | 7,107 | 6,709 | 16,742 | 4,652 | 5,582 | 17, 495 | 11,913 |
|  | 263 | 4,817 | 4, ${ }^{\text {2 }}$, 5110 | 11,724 | 2,925 | 2,918 | 10, 504 | 7,586 |
| 1904 | 225 | 3,437 | 2,110 | 5,383 | 1, 823 | 1,350 | 5,378 | 4,028 |
| 1899. | 261 | 2,775 | 2,471 | 4, 476 | 1,429 | 1,363 | 4, 853 | 3,490 |
| 1889 | 233 | 1,978 | 941 | 2,996 | 1, 192 | 698 | 3,272 | 2,574 |
| 1879. | 171 | 1,099 |  | 1,342 | 589 650 | 444 | 1,639 | 1,195 |
| 1869. | 135 | 1, 1742 | 332 | 1,888 827 | 650 294 | 417 240 | 1,724 | 1,307 |
| 1859. | 116 120 | 742 968 |  | 827 432 | -294 | 248 | 1,026 | 786 720 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 9 | 97 | 137 | 315 | 105 | 209 | 414 | 205 |
| Illinois. | 33 | 3,621 | 3,048 | 13, 091 | 4,258 | 5,983 | 14, 881 | 8,898 |
| Towa... | 4 | 5 | 11 | 11 |  | 8 | 22 | 14 |
| Maryland. | 4 | 42 | 48 | 131 | 85 | 914 | 2, 894. | 85 |
| Massachusetts | 25 7 | 782 | 608 | ${ }_{1}^{2,128}$ | 851 | 467 | 1,568 | 1,099 |
| Missouri.. | 7 | ${ }^{3} 381$ | $\begin{array}{r}385 \\ 1+400 \\ \hline\end{array}$ | 1,226 4,582 | 1,789 | $\begin{array}{r}467 \\ 1,481 \\ \hline\end{array}$ | 1,566 | 2,915 |
| Now Jersey | 19 132 |  | 4, 232 | 4,582 19,082 | 6,206 | 6,418 | 21,165 | 14,747 |
| Now Pork | 20 | ${ }^{601}$ | ${ }_{+}^{4} 415$ | 1,063 | , 534 | 338 | 1,423 | 1,085 |
| Ponnsylvan | 59 | 1,701 | 1,211 | 4,071 | 1,823 | 2,274 | 6,436 | 4,162 |
| Weshington. | 4 |  | 34 | 120 | 18 | 49 | 116 | ${ }^{67}$ |
| Wisconsin..... All othorstates | 5 | 17 1,506 | 1,465 | 5,080 | 1,463 | 1,266 | 4,630 | 3,364 |

[^50]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{gathered} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{gathered}$ | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

IRON AND STEEL, BLAST FURNACES.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 195 | 41,660 | 1,581, 432 | \$802, 417 | \$73, 769 | \$(621, 280 | \$794, 467 | \$173, 181 |
| 1914. | 160 | 20, 356 | 1, 224, 273 | 462,282 | 22, 781 | 204,580 | 317,654 | 53,074 |
| 1909 | 208 | 38, 429 | $1,173,422$ | 487,581 | 24, 6008 | 320, 638 | 391, 429 | 70, 791 |
| 1904. | 190 | 35, 078 | 773,278 | $236,1 \cdot 46$ | 18, 835 | 178, 942 | 231, 823 | 52,881 |
| 1890. | 223 | 30, 241 | 497,272 | 143,159 | 18, 481 | 131,501 | 206, 757 | 75, 253 |
| 1889. | 30.4 | 33, 415 | 248,928 | 129,647 | 14, 115 | 110, 090 | 145, 643 | 35,544 |
| 1879. | 341 | 41,695 |  | 89,531 | 12, 015 | 58, 122 | 80,316 | 30,696 |
| 1869. | 386 | 27, 554 | 63, 900 | 56, 146 | 12,476 | 45, 198 | 60, 640 | 24, 142 |
| 1859. | 286 | 15,927 |  | 24,673 | 4, 04 | 12, 218 | 20,870 | 8, 577 |
| 1849. | 40.5 | 21, 054 |  | 16, 648 | 5, 015 | 7,038 | 13,492 | 5,954 |
| States, 1019. |  |  |  |  |  |  |  |  |
| Alabama. | 21 | 5,214 | 138, 951 | 76, 762 | 7,177 | 4,876 | 57, 018 | 12,147 |
| Illinois... | 5 | 2, 129 | 80, 118 | 57, 167 | 3,817 | 51, 5127 | 64,763 | 18,236 |
| Kentucky | 4 | . 475 | 13, 481 | - 7, 26, | + 566 | 3, 314 | 4,465 | 884 |
| Michigan.. | 11 | 1,101 | 6,367 12,058 | 15, 620 | 1.710 | 10, 209 | 13, 5834 | 3,285 |
| New Jersey | 3 | . 487 | 12,958 | 6, 247 | 6.4 4020 | 2,788 | 3, 859 | 1,111 |
| Now York. | 9 | 2,210 | 146,500 | 68, 297 | 4,020 | 40,311 | 51,602 | 11, 201 |
| Ohio..... | 42 | 9,703 | 350,224 | 162, 008 | 21, 224 | 137,683 | 170, 283 | 41,547 |
| Pennsylvania | 58 | 14, 610 | 504, 455 | 287,740 | 27, 318 | 26, 040 | 311, 080 | 66, 120 |
| Tennessce... | 8 | 884 | 15,078 | 12, 136 | +883 | 4,506 | 6, 217 | 1,651 |
| Virginial.. | 12 | 1.,081 | 19, 855 | 12, 120 | 1,027 | 8,270 | 10, 098 | 1,828 |
| West Virginia. | 4 | . 417 | 19, 360 | 7,975 | 8.819 | 5,541 | 6, 412 | 901 |
| All other states. ${ }^{1}$ | 18 | 3,250 | 201, 185 | 108,566 | 5,486 | 66, 026 | 80, 180 | 19,260 |

IRON AND STEEL, STEEL WORES AND ROL工ING MILLS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 500 | 375,088 | 3,820, 917 | \$2, 06616,518 | \$037, 637 | \$1,0880,570 | \$2,828,802 | \$1,148,326 |
| 1914. | 427 | 248,716 | 4,706,583 | 1,258,371 | 188, 142 | 6,4, 828 | 918, 605 | 327, 889 |
| 1909 | 446 | 240,076 | 2,100,078 | 1, 064,735 | 183, 201 | 667, 601 | 085, 723 | 328, 222 |
| 1904 | 415 | 207,562 | 1, 040, 289 | 700, 152 | 122, 4102 | 44,204 | (173,985 | 232, 761 |
| 189 | 445 | 183, 249 | 1, 100,801 | 430. 332 | 102, 336 | 360, 805 | 577, 212 | 206,317 |
| 18 | 415 | 137,760 | 535, 480 | 276, 224 | 74, 86.9 | 217, 174 | 333,044 | 115,870 |
| 1879 | 451 | 90, 103 |  | 120,374 | +2,743 | 132, 615 | 207,242 | 74,501 |
| 1869. | 422 | 50,001 |  | 65,627 | 27, 040 | 60, 028 | 137, 588 | 47,540 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 9 | 8,121 | 180,030 | 68,601 | 9,331 | 40,384 | 04,980 | 15, 646 |
| Californit. | 8 | 3,476 | 22,888 | 13,700 | 6,359 | 0,500 | 18, 102 | 8,888 |
| Comnectic | 7 | 2, 468 | 14,890 | 9, 132 | 3,098 | 4,212 | 0, 883 | 5,341 |
| Delaware. | 6 |  | 13,42 | 13, 488 | 1, 828 | 3, 868 | 7,115 | 8,253 |
| Illinois. | 32 | 20, 177 | 242,227 | 158,778 | 34,944 | 100,320 | 173,345 | 73,025 |
| Indiana | 23 | 22,369 | 278,832 | 184, 298 | 4, 294 | 113, 104 | 100, 278 | 80,070 |
| Kontueky | 5 | 1, 892 | 41, 889 | 16, 310 | 2082 | 12,714 | 18,319 | 5,605 |
| Maryland | 5 | 4.044 | 47, 126 | 41,734 | 5, 180 | 15,020 | 10,884 | 4,864 |
| Massachuso | 11 | 3,68: | 31,609 | 21,374 | \%, 768 | 19, 38 | 30, 260 | 1,788 |
| Michigan. | 7 | 1,455 | 9, 192 | 10, 182 | 3, 61 | $2{ }^{2}$ | 8,346 | b,448 |
| Missouri. | 5 | 2, ${ }^{2}, 647$ | 7,426 | 16. 113 | \%,048 | 6,600 | 12,887 | 6,877 |
| New Jersey | 16 | 13,811 | 81, 800 | 07, 511 | 17.085 | 31, 487 | 74, 888 | 40, 055 |
| New York. | 30 | 17,901 | 242,352 | 145,785 | 28, 887 | 81816 | 100, 098 | 45.77 |
| Ohio. | 80 | 78, 025 | 868, 036 | 814, 278 |  | 981,030 | 626,370 | 245, 810 |
| Pennsylvania | 108 | 171,715 | 1, 821,731 | 1, 18, 268 | 208, 723 | 777, 473 | 1,200, 112 | 518,080 |
| West Virginia. | 20 | 11,830 | 80, 231 | 08, 0107 | 10, 003 | 60, 709 | 85,096 | 34,242 |
| Wisconsin. | 12 | 3, 820 | 27, 838 | 27, 2006 | 4,320 | 14,310 | 28,304 | 14,048 |
| All other states ${ }^{\text {a }}$. | 20 | 10, 842 | 143, 183 | 78,200 | 15, 484 | 31, 767 | 64, 173 | 28,400 |

[^51]TABLE, 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage earners (average num- | Primary horsepower. | Capital. | Wages | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

IRON AND STEEL, BOLTS, NUTS, WASHERS, AND RIVETS, NOT MADE IN ROLLING MILLS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 144 | 17,907 | 49,959 | \$75,716 | \$20, 974 | \$44, 277 | 889, 744 | \$45,467 |
| 1914. | 102 | 10,658 | 28, 897 | 35,602 | 5,961 | 12,913 | 23, 403 | 10,490 |
| 1909. | 108 | 11,345 | 22, 113 | 30, 250 | 5,793 | 12,804 | 24, 485 | 11,681 |
| 1904. | 88 | 8,090 | 13, 825 | 18, 913 | 3, 642 | 7,807 | 14, 887 | 6,880 |
| 1899. | 72 | 7, 680 | 9, 165 | 10, 800 | 2, 992 | 8, 071 | 13,978 | 5,907 |
| 1889. | 82 | 6,955 | 8,727 | 10,790 | 3,004 | 6,746 | 12,373 | 5,627 |
| 1879. | 100 | 5,064 |  | 4,933 | 1,981 | 6,097 | 10,073 | 3,976 |
| 1869. | 93 54 | 4, 1,504 | 3,223 | 4,263 1,235 | 1,665 426 | 4, 088 | 7,191 | 3,170 1,187 |
| 1859. | 54 | 1,504 |  | 1,235 |  |  |  | 1,187 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 5 | $67^{\circ}$ | 281 | 300 | 71 | 315 | 514 | 199 |
| Connecticut | 15 | 760 | 2, 685 | 2,645 | 754 | 1,096 | 2,995 | 1,899 |
| Illinois.... | 13 | 906 | 1, 463 | 4, 153 | 1,031 | 3,069 | 6,109 | 3,040 |
| Indiana. | 6 | 1,150 | 4, 117 | 5, 673 | 1,240 | 3, 432 | 6,296 | 2,864 |
| Massachus | 11 | 1,471 +423 | 2,120 |  | 1,613 | 3, 1544 |  | 2, ${ }_{998}$ |
| Michigan... |  | 423 404 | 970 800 | 1,621 | 544 479 | 1544 1,126 | 2,157 | 1,091 |
| New Jersey | 23 | $\begin{array}{r}\text { 4,4 } \\ 4,778 \\ \hline\end{array}$ | 8800 11,053 | 19,059 | 6,020 | 10,349 | 23,451 | 13,102 |
| Ohio...... | 31 | 4,546 | 15,571 | 21, 102 | 5,051 | 12,581 | 23, 102 | 10,521 |
| Rhodo Islan | 7 | 920 | 1,870 | 2,918 | 985 | 1,117 | 2,968 | 1,851 |
| All other states | 20 | 2,542 | 9,079 | 11, 702 | 3,186 | 7,098 | 14,447 | 7,340 |

IRON AND STEEL, CAST-IRON PIPE.


IRON AND STEEL, DOORS AND SHUTTERS.

${ }^{1}$ Includes: Alabama, 1 estahlishment; Georgia, 1; Maine, 1; Maryland, 1; Minnesota, 1; Missouri ${ }_{r}$ 1; Now York, 0 ; Oregon, $1 ;$ Washinglon, 1 ; Wisconsin, 3.
a Inoludes: Callornim, 1 establishment; Qeorgia, 1; Indiana, 1; Maryland, 2; Massachusetts, 1; North Carolina, 1; Ohio, 6 ; Oregon, 1 ; Tennessee, $1 ;$ Virginia, 3.
a Includas: Californfa, lestablishment; Indiana, 2; Massachusetts, 1 ; Michigan, 3; Minnesota, 1; Missouri, 3 ; Nebraska, 1; New Jersey, 2; Ohio, 3; Tomnessoo, 1; Virginia, 1.

TABLE 225.-SUMMARY FOR TNDUSTRIES: COMPARATIVE FOR THE UNITED STATES,

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { bor of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average ner). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thonsands. |  |  |  |  |

IRON AND STEEL, FORGINGS, NOT MADE IN STEEL WORKS OR ROLLING MILLS.

| United States. |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

IRON AND STEEL, NAILS AND SPIKES, CUT AND WROUGFT, INOLUDING WIRE NAILS, NOT MADE IN STEEL WORKS OR ROLIING MILLS.

| 1910 United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919....... | 65 | 3,355 | 8,974 | \$13, 216 | \$3,304 | 83,875 | \$17,483 | \$8,708 |
| 1914. | 64 | 2,644 | 8,235 | 7,883 | 1, 608 | 3,394 | 7,190 | 3,805 |
| 1909. | 57 | 2,765 | 7,723 | 8,898 | 1,353 | 3,612 | 8,192 | 4,220 |
| 1904. | 76 | 3,681 | 10,533 | 8,742 | 1,084 | 4,688 | 8,023 | 4,237 |
| 1899. | 102 | 4,477 | 12, 8 83 | 10,751 | 2,1942 | 8,502 | 14,777 | 6,215 |
| 1889 | 138 | 16,600 | 54,585 | 24, 3135 | 7,144 | 22,401 | 34,228 | 11,267 |
| 1879. | 62 | 2,910 |  | 3,878 | 1,255 | 3,313 | 5,620 | 2,810 |
| 1869. | 142 | 7,770 | 13,278 | 9,092 | 3,961 | 18,762 | 24, 824 | 6,032 |
| 1859 | 99 | 6,878 |  | 5,810 | 2,309 | 6,000 | 0,857 | 3,788 |
| 1849. | 87 | 5,23.1. | ......... | 4, 428 | 1,813 | 4,430 | 7,062 | 3,223 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Conneotiout. | 3 | 500 | 1,465 | 2,028 | 480 | 780 | 2,006 | 1,226 |
| mlinols. | 7 |  | 428 | 1,004 | 176 | 885 | 1,415 | ${ }^{1,550}$ |
| Indiana. | 3 | 258 | 1,100 | 092 | 24 | 1,061 | 1,524 | 463 |
| Massachusetts | 25 | 1,537 | 3,380 | 5,812 | 1,520 | 3,441 | 7,852 | 4,011 |
| New York. | 6 | 141 | 477 | 940 | 181 | 817 | 1,023 | 506 |
| Pennsylvania. | 8 | 218 | 943 | 1,130 | 239 | 618 | 1,271 | ${ }^{653}$ |
| All other states ${ }^{2}$ | 13 | 638 | 1,191 | 1,211 | 849 | 1,103 | 2,402 | 1,209 |

${ }^{1}$ Includes: Maryland, 3 establishments; Minnesota, 1; Missouri, 3 ; Rhode Island, 1 ; Virglnia, 3 ; West Virginia, 1; Wisconsin, 3.
${ }^{2}$ Includes: District of Columbla, 1 establishment; Kentuoky, i; Muryland, 1; New Ifumpshare, I; New Jersey, 3; Ohio, 3; Oregon, 1; Rhode Island, 1; Wisconsln, 1.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES,
BY STATES FOR 1919-Continued.

| year and state. | $\begin{array}{\|l} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{array}$ | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials | Value of products | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

IRON AND STEEL, TEMPERING AND WELDING.


IRON AND STEEL, WROUGHT PIRE.

| U. United States. |  | 14 | 4, | $\cdots$ |  |  | w | Asect |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 50 | 10, 42 26 | 23,925 | \$72,709 | \$14, 920 | \$51,150 | \$81,809 | \$30,713 |
| 1914. | 36 | 8, 845 | 17,542 | 30,408 | 5,750 | 26,296 | 37, 655 | 11, 359 |
| 1909 | 28 | 6,817 | 20,656 | 22, 206 | 3,963 | 22,942 | 30, 886 | 7,944 |
| 1904. | 27 | 5,416 | 15,094. | 13,053 | 2,473 | 12,747 | 17, 401 | 4, 854 |
| 1899. | 19 | 5,530 | 11,717 | 18,344 | 2,406 | 15,524 | 21, 292 | 5,768 |
| 1889 | 22 | 11, 693 | 13,736 | 22,622 | 5,398 | 25,989 | 37, 907 | 11,918 |
| 1879. | 35 | 5,210 |  | 6,130 | 1,788 | 9,480 | 13,292 | 3, 812 |
| 1869 | 22 | 2,129 | 1,740 | 8,311 | 1,156 | 4,873 | 7,369 | 2,496 |
| IS States, 1910. . |  |  |  |  | ; ${ }^{\text {c }}$ |  |  | 1 |
| Callomia. | 16 | 687 | 1,360 | 2,706 | 936 | 2,013 | 5, 024 | 3,011 |
| New Jersey | 5 | 739 | 2,473 | 3, 850 | 1, 1.50 | 2,891. | 5,391 | 2,500 |
| New York | 4 | 318 | 514 | 1,401 | 294 | 1,070 | 1,927 | . 857 |
| Ohio.. | 8 | 4, 434 | 10,280 | 39,310 | 7,210 | 23;730 | 37,988 | 14,238 |
| Pennsylvania. | 10 | 3,467 | 8,089 | 19,349 | 4,297 | 17,611 | 25, 478 | 7,867 |
| All other states ${ }^{\text {a }}$ | 7 | ${ }^{7} 781$ | 1,200 | 6,093 | 1,033 | 3,841 | 6,081 | 2,240 |

[^52]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| YEAR AND STATE. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of | Value of products. | Value <br> added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Txppre | sed in thou | sands. |  |

IVORY, SHELI, AND BONE WORE, NOT INOLUDING COMBS AND FAIRPINS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 44 | 842 | 954 | \$1,368 | \$735 | 81,291 | \$2, 817 |  |
| 1914. | 54 | 795 | 708 | 1,160 | 391 | 98 | 1,896 | ${ }^{12} 188$ |
| 1909. | 52 | 907 | 916 | 1,159 | 468 | 962 | 1,805 | ${ }_{903}$ |
| 1904 | ${ }^{66}$ | 1,769 | 1,247 | 1,269 | 777 | 1,381 | 2,864 | 1,483 |
| 1899. | 70 | 1,334 | 973 | 940 | 529 | 8330 | 1,873 | -1,483 |
| 1889. | 64 | 1,240 | 994 | 1,870 | 592 | 922 | 1,919 | . 997 |
| 1879. | 55 | 1,105 |  | 776 | 415 | 75.5 | 1,455 | 700 |
| 18691 | 20 | 272 | 280 | 580 | 173 | 63, | 1,080 | 445 |
| $1859{ }^{2}$ | 19 | 307 |  | 90 | 89 | 130 | 253 | 123 |
| 1849 \% | 12 | 171 |  | 34 | 40 | 61 | 120 | 65 |
| - States, 1919. |  |  |  |  |  |  |  | , |
| California. | 3 | 37 | 32 | 63 | 37 | 27 | 119 |  |
| Massachusetts | 6 | 138 | 211 | 377 | 112 | 336 | 584 | 24 |
| New Jersey. | 8 | 159 | 189 | 275 | 180 | 343 | 779 | 488 |
| New York | 13 | 184 | 91 | 239 | 110 | 247 | 489 | 24 |
| All other states ${ }^{4}$ | 14 | 324 | 431 | 412 | 200 | 342 | 846 | 804 |

JAPANNING.

| United States. |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

JWWIRLRX.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 2, 054 | 30, 871 | 16,389 | \$121, 070 | \$35, 804 | 4110, 451 | \$203, 089 | \$88,188 |
| 1914 | 1, 914 | 28,289 | 15, 660 | 72, 404 | 18,302 | 30, 110 | 81, 01008 | 41, 4800 |
| 1909. | 1,537 | 30, 347 | 11,204 | 63, 811 | 18,388 | 3i6, 67 | 80, 350 | 413,076 |
| 1904 | 1,023 | 22, 080 | 7;872 | 39.679 | 12,503 | 24, 177 | 83, 220 | 29, 04 |
| 189 | 851 | 20, 468 | 6, 858 | 27, 872 | 10, 0.44 | 22, 285 | 418, 129 | 23, 89 |
| 1879 | 783 739 | 13,880 12,697 | 3,472 | 22, 247 | 8,088 | 10, 110 | 34, 781 | 18,051 |
| 1809. | 881 | 12, 10091 |  | 11,481 | 6,448 | 10,326 0,187 | 22,202 22,104 20,10 | 11,877 |
| 1859 | 463 | 5,947 |  | 5,181 | 2,605 | 8,287 8,103 | $\begin{aligned} & 22,104 \\ & 10,416 \end{aligned}$ | 12,917 5,38 |
| 2 Turning, ivory and bone. |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| ington, 2 ; <br> ${ }^{6}$ Includes: Californ <br> Rhode Island, 2. | blish |  | $\begin{aligned} & \text { ls, } 3 ; \\ & \text { ind, } 2 ; \end{aligned}$ | Mlohigan | $\begin{aligned} & \text { nosylvan } \\ & \text { 1; Minn } \end{aligned}$ | rota, I; | a tsland, | Washe <br> Ohio, 3; |

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| tear and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { ostab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage carners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

JEWELRY-Continued.

| States, 1919. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Arkansas. | 3 | 13 | 8 | \$40 | \$15 | \$66 | \$176 | \$110 |
| California | 88 | 650 | 648 | 1,222 | 952 | 856 | 2,555 | 1,699 |
| Colorado. | 25 | 66 | 60 | 142 | 84 | 114 | ${ }_{7} 326$ | 212 |
| Connecticut. | 20 | 149 | 1.51 | 335 | 154 | 293 | 715 | 422 |
| District of Columbia | 7 | 17 | 7 | 49 | 38 | 45 | 135 | 90 |
| Illinois. | 78 | 992 | 455 | 5,699 | 1,301 | 2, 637 | 6,082 | 3,445 |
| Indiana | 9 | 76 | 41 | 121 | 69 | 114 | 302 | 188 |
| Iowa. | 18 | 66 | 46 | 161 | 65 | 89 | 274 | 185 |
| Kentucky. | 5 | 19 | 5 | 19 | 19 | ${ }_{53}^{22}$ | 55 | $\begin{array}{r}33 \\ 183 \\ \hline\end{array}$ |
| Louisiana | 7 | 71 | 41 | 11 | 78 | 5 | 19 | 183 14 |
| Mainie | 3 | $9{ }^{6}$ | $4{ }_{5}^{4}$ | 404 |  | 274 | 544 | 270 |
| Maryland.. | $\underline{21} 8$ | 91 0,786 | $\begin{array}{r}56 \\ 4,404 \\ \hline\end{array}$ | 19,4046 | 7,234 | 18,365 | 34, 817 |  |
| Massachuse | $\begin{array}{r}165 \\ 22 \\ \hline 2\end{array}$ | $\begin{array}{r}6,786 \\ \hline 121\end{array}$ | 4,404 76 | 19,440 602 | $\begin{array}{r}7,103 \\ \hline 100\end{array}$ | 18,368 424 | 34, 962 | 16,452 538 |
| Michigan | 22 | 120 | 53 | 205 | 179 | 268 | 663 | 385 |
| Missouri. | 29 | 446 | 170 | 833 | 550 | 641 | 1,927 | 1,286 |
| Montana. | 3 | 3 | 6 | 19 | 8 | 88 | 27 149 |  |
| Nebraska. | 8 | 37 | 11 | 68 | 47 |  | 1789 |  |
| New Jersey | 174 | 3,234 |  | 21,702 36,977 1 | 4,419 8,807 |  |  |  |
| New York. | 717 52 | 5, 511 | 2, 8294 | 36,977 1,717 | 8,867 819 | 39,605 1,770 | 67,401 3,350 | 27,796 1,580 |
| Ohio... | 52 6 | 658 | $\begin{array}{r}297 \\ 32 \\ \hline\end{array}$ | 1,717 | 619 72 | 1,770 | $\begin{array}{r}\text { 3, } \\ 187 \\ \hline\end{array}$ | 1, 142 |
| Oregonvivania | 203 | 613 | 479 | 3,202 | 799 | 2,284 | 4,553 | 2,269 |
| Rhode Island. | 288 | 10,579 | 4,304 | 27, 236 | 9,353 | 26, 976 | 48,596 | 21, 620 |
| South Daknta. | 6 | 10 | 8 | 21 | 10 |  |  | 26 |
| Tonnesseo.. | 5 | 21 | 12 | $\stackrel{21}{29}$ | 24 | 13 | 81 | 68 |
| Texas.... | 19 | 98 | 4 | 24 | 120 | 131 | 418 | 51 |
| Utah.. | 5 |  | 381 | 320 | 324 | 454 | 1,022 | 568 |
| Washington. | 18 | 21. | 381 30 | 124 | 86 | 94 | 1,248 | 15 |
| Wisconsin......i | 17 | 23 | 20 | 48 | 30 | 32 | 104 | 72 |

JEWELRY AND INSTRUMENT CASES.

| United States. |  |  |  |  | 1 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 142 | 2,734 | 1,091 | \$3,697 | \$2, 148 | \$3,506 | \$8, 126 | \$4, 620 |
|  | 125 | 2,398 | 1,059 | 2, 187 | : 1, 094 | 1,450 | 3, 621 | 2, 171 |
| 1909. | 120 | 2,070 | 527 | 1,841 | 954 | 1,221 | 3, 117 | 1,896 |
| 1904. | 97 | 1,676 | 359 | 1,438 | ${ }_{323}^{624}$ | 843 436 | 1,157 | 1,449 +721 |
| 1899. | 63 | 810 | 183 | 645 | 447 | 483 | 1, 454 | 971 |
| 1889. | 17 | 138 |  | 62 | 51 | 49 | 132 | 83 |
| 1879. | 29 | 183 | 3 | 80 | 65 |  | 217 | 152 |
| 1859................... | 14 | 82 |  | 29 | 27 | 23 | 84 | 61 |
| States, 1919. |  |  |  |  |  |  |  |  |
| milinois. | 8 | 222 | 130 | 256 |  | 331 | 698 | 367 |
| Massachusetts. | 10 | 305 | 151 | 237 | 245 115 | 278 172 | 695 403 | ${ }_{231}^{417}$ |
| New Jorsoy | 14 | +122 | 63 426 | 2,301 | 1,239 | 2,080 | 5,010 | 2,930 |
| Now York | 84 | 1,475 | 426 | 2, 301 | $\begin{array}{r}1,249 \\ \hline 39\end{array}$ | 2, 81 | , 179 | - 98 |
| Pennsylvania | 7 | 359 | 175 | 441 | 238 | 351 | 831 | 480 |
| All other states ${ }^{\text {a }}$ | 18 | 131 | 125 | 143 | 96 | 213 | 310 | 97 |

[^53]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES,

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average number). | Primary horso power. | Capital. | Wages. | Cont of materials. | Value of products | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sed in thou | asands. |  |

JUTE GOODS.

| United States. |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

KNIT GOODS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919...... | 2,050 | 172, 572 | 151,601 | \$516, 458 | 8125, 200 | \$427, 096 | \$713, 140 | \$288, 044 |
|  | 1,622 | 150,520 | 125, 842 | 215,823 | 59, 778 | 146, 08.8 | 258,913 | 112, 226 |
| 1909 | 1,374 | 129, 275 | 103, 709 | 163, 041 | 44, 740 | 110,241 | 200, 143 | 89, 002 |
| 1904. | 1,144 | 104, 002 | 78,709 | 1010, 043 | 31,615 | 76, 78 | 137, 076 | 60, 287 |
| 1899 | 1,006 | 83, 691 | 57, 346 | 82,006 | 24, 43.4 | 51, 195 | 95, 834 | 44, 339 |
| 1889 | 884 | 59,774 | 34,564. | 50, 680 | 16, 014 | 35, 9850 | 67,447 | 31,497 |
| 1879 | 398 | 30, 699 | 11,561 | 15,732 | 6, 839 | 15,450 | 29, 614 | 14, 164 |
| 1869 | 248 | 14,788 | 6,498 | 10,931 | 4,429 | 9,830 | 18,412 | 8,576 |
| 1859 | 197 | 9, 103 |  | 4,036 | 1, 668 | 3,202 | 7,281 |  |
| 1849 | 85 | 2,325 |  | 545 | 300 | 415 | 1,028 | 613 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 10 | 1,655 | 1,555 | 3,106 | 723 | 3,275 | 4,757 | 1,482 |
| California | 21 | 695 | 267 | 2,316 | 498 | 1,517 | 2,878 | 1,361 |
| Connecti | 21 | 2,649 | 4,594 | 10,621 | 2,227 | 5,349 | 9,383 | 3,984 |
| Georgia | 28 | 3,808 | 4,325 | 9,380 | 2, 321 | 6,815 | 12,567 | 5,752 |
| Illinois. | 58 | 5,095 | 3,644 | 16, 460 | 3, 809 | 11,701 | 20, 460 | 8,759 |
| Indiana. | 8 | 2,675 | 1,786 | 6,322 | 2,221 | 5,015 | 9,802 | 4, 187 |
| Maryland. | 7 | 749 | . 6008 | 1,636 | 387 | 1,773 | 2,688 | ${ }^{1} 915$ |
| Massachuset | 77 | 12,751 | 16,574 | 38,657 | 11, 304 | 31, 773 | 52,425 | 21, 252 |
| Michigan. | 31 | 3,170 | 3,073 | 9,123 | 2, 114 | 13,700 | 12,039 | 5,249 |
| Minnesota. | 16. | 3,564 | 1,480 | 11, 014 | 2, 298 | 7,487 | 13,485 | 6, 698 |
| New Hampshire | 16 | 2,979 | 2,781 | 7,349 | 1,983 | 5,118 | 9,015 | 3,897 |
| New Jersoy | 90 | 4, 858 | 3,010 | 12,757 | 4,476 | 15,380 | 23, 853 | 8,503 |
| New York. | 682 | 41, 372 | 48,200 | 135, 822 | 34, 001 | 114, 9696 | 105, 377 | 80,411 |
| North Caroline | 121 | 10, 216 | 11, 640 | 20,391 | 5, 901 | 17, 6152 | 29,833 | 12,251 |
| Ohio........ | 34 | 4,107 | 2,688 | 18,565 | 3,083 | 11,079 | 18,779 | 7,700 |
| Pennsylvania. | 606 | 44,156 | 26,359 | 110,359 | 30, 6192 | 116, 697 | 188, 261. | 71,564 |
| Rhode Island. | 28 | 1,983 | 1,261 | 6,578 | 1,681 | 7,380 | 11,930 | 4,547 |
| Tennessec. | 63 | 10,308 | 7,080 | 10, 446 | 8, 0.83 | 20, 2,345 | - 32,078 |  |
| Utah. | 10 | 198 | 82 | 705 | 104 | ${ }^{20} 787$ | 1,156 | 12,069 369 |
| Vermont |  | 1,105 | 978 | 3,649 | 010 | 3,005 | 5,064 | 1,969 |
| Virginia. | 10 | 1,578 | 1,459 | 3,870 | 1,002 | 2,002 | 4, 684 | 1, 782 |
| Washington | 8 | 105 | 38 | 269 | 71 | 160 | 401 | 241 |
| Wisconsin. | 72 | 8,786 | 5,418 | 25,672 | 5,777 | 24, 217 | 40,778 | 16,561 |
| All other states ${ }^{2}$ | 14 | 2,984 | 1,975 | 6,118 | 1,675 | 4,808 | 8,041 | 3,373 |

[^54]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| gear and state. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

LABELS AND TAGS.


LAMPS AND REFLECTORS.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 171 | 8,360 | 12,708 8,040 | \$26, 1500 | \$9,292 | $\$ 18,429$ 8,012 | \$38, 16,438 |  |
| 1914. | 151 169 | 7,134 7,110 | 8,140 8,207 | 15,671 12,829 | 4,173 3,875 | 8,012 6,473 | 16, <br> 15,213 <br> 18 | 8,626 8,740 |
| 1909. | 169 | 4,429 | 6, 3,252 | 12,796 | 2, 171 | 3,683 | 10, 9,000 | 5,317 |
| 1904. | 142 | 4,429 4,725 | 3, 360 | 6,375 | 2,077 | 3,497 | 8,341 | 4,844 |
| 1889 | 98 | 2,006 | 1,490 | 2,550 | 1,036 | 1,542 | 4,039 | 2,497 |
| 1879. | 74 | 1,730 |  | 1,874 | 742 | 1, 853 | 3,358 | 1,505 |
| 89. | 40 | 558 | 164 | 689 | 287 | 403 | 995 | 592 |
| 1859. | 30 | 374 |  | 236 | 136 | 243 | 578 | 335 |
| 1849. | 26 | 938 |  | 486 | 290 | 491 | 1,060 | 569 |
| States, 1019. |  |  |  |  |  |  |  |  |
| California. |  | 91 | 179 | 343 | 102 | 220 | 537 | 317 |
| Connerticut | 5 | 857 | 1,655 | 2,707 | 983 | 1,338 | 2,733 | 1,395 |
| Illinols. | 27 | 1,190 | ${ }_{8} 516$ | 2,889 | 1,010 | $\begin{array}{r}1,479 \\ \hline 339\end{array}$ | 5,075 | 2, ${ }_{216}$ |
| Indiana. | 6 | 224 | 843 | 769 | 163 | ${ }_{026}^{339}$ |  | 8216 |
| Massachusetts | 8 | ${ }_{624}^{628}$ | 1,028 | 1, ${ }^{1} 7781$ | 546 1,340 | 026 2,092 | 1,814 5,564 | 888 3,472 |
| Michigan... | 8 5 | 924 140 | 1,772 | 2,731 | 1, 340 | 2,092 | - ${ }_{493}$ | 3, 378 |
| New Jorsey. Now York. | 5 | 140 1,625 | 1,185 | 5,467 | 1,792 | 3,403 | 6,886 | 3,483 |
|  | 14 | 1,095 | 3,061 | 3,907 | 1,548 | 4, 170 | 7,187 | 3,017 |
| Ponnsylvania | 21 | 414 | 765 | 2,425 | 454 | 749 | 1,711 | 962 |
| Washington. | 8 |  | 16 | 19 | $\begin{array}{r}8 \\ 1 \\ \hline\end{array}$ | $\stackrel{28}{ }$ | $\begin{array}{r}54 \\ 5 \\ \hline\end{array}$ | 26 2920 |
| All other states ${ }^{\text {a }}$.. | 10 | 1,170 | 1,421 | 2,811 | 1,199 | 2,570 | 5,490 | 2,920 |

LAPIDARY WORK.


1 Includes: Callfornia, 1 establishmont; Connecticut, 1; Georgia, 1; Iowa, 1; Kentucky, 3; Massachusetts, 7; Minnesota, 1; Nobraska, 1; New Hampshire, 1; New Jersey, 3; Oregon, 1; Rhode Island, 2; Tennessee, 1 ; Texas, 2; Virginia, 1; Wisconsin, 1.
4 Includes: Kansas, 1 establishment; Missouri, 1; Oregon, 2; Rhode Island, 1; Texas, 1; West Virginia, 1; Wisconsin, 3.

TABLE 220.-SUMMARY FOR INDUSTRIES: GOMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sed in thou | ands. |  |

LAPIDARY WORE-Continued.

| States, 1919: |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| California | 13 | 41 | 31 | $\$ 39$ | \$45 | $\$ 19$ | \$111 | \$92 |
| Illinois.. | 4 | 41 | 25 | 122 | 58 | 84 | 312 | 228 |
| Massachusetts | 76 | 58 | 477 | 18, 010 | 2,445 | 17,777 | 134 27,032 | 110 |
| Oregon... | 4 | 6 | 31 | S | 5 | 3 | -18 | -, 15 |
| Pennsylvania. | 4 | 4 | 4 | 19 | 4 | 2 | 29 | 27 |
| All other states ${ }^{1}$. . | 22 | 190 | 89 | 921 | 230 | 1,454 | 2,415 | 961 |

LARD, NOT MADE IN SLAUGHTERING AND MEAT-PACRING ESTABLISHMENTS.


## LASTS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 64 | 2,910 | 5,842 | \$8, 178 | \$3,410 | \$3, 033 | \$12, 171 | \$8, 538 |
| 1914. | 66 | 2,094 | 5,317 | 4, 481 | 1,511 | 1,343 | 4,589 | 3,246 |
| 1909. | 60 | 1,728 | 3,386 | 3,061 | 1,203 | 1,324 | 4,159 | 2,835 |
| 1904. | 55 | 1,208 | 2,865 | 2,009 | 798 | 708 | 2,520 | 1,752 |
| 1899. | 65 | 1,181 | 1,951 | 1,485 | 650 | 527 | 1,880 | 1,353 |
| 1880. | 52 | 696 | 876 | 907 | 480 | 331 | 1,239 | 908 |
| 1879. | 62 | 537 |  | 478 | 309 | 222 | 765 | 543 |
| 1869. | 60 | 510 | 645 | 331 | 262 | 138 | 666 | 528 |
| 1850. | 77 | 434 |  | 210 | 135 | 94 | 484 | 390 |
| 1849. | 43 | 284 |  | 122 | 104 | 38 | 24. | 203 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Massachuselts. | 31 | 1,299 | 2,861 | 3,604 | 1,698 | 1,837 | 5,886 | 4,049 |
| New York..... | 10 | 442 | 1,064 | 1,421 | 541 | ${ }^{626}$ | 2, 148 | 1, 522 |
| Pennsylvania. | 4 | 90 | , 1472 | , 157 | 8183 | 124 | 4, 2970 | 173 |
| All other states ${ }^{3}$. | 19 | 1,079 | 1,775 | 2,990 | 1,194 | 1,346 | 4, 140 | 2,794 |

LEAD, BAR, PIPE, AND SHEET.


[^55]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

LEATHER GOODS, NOT ELSEWHERE SPECIFIED.

| United States: |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 503 | 8,945 | 3,902 | \$33, 341 | \$9,415 | \$30,036 | \$52, 953 | \$22,917 |
| 1914 | 378 | 7,071 | 3,272 | 10,951 | 3,604 | 10, 632 | 19,334 | 8,702 |
| 1909. | 425 | 7,681 | 3,851 | 10,389 | 3,623 | 10, 290 | 18, 838 | 8,548 |
| 1904 | ${ }_{3} 423$ | 7,785 | 3,554 | 8,508 | 3,137 | 9, 627 | 17, 655 | 8,028 |
| 1899 | 315 | 6, 293 | 1, 644 | 5, 511 | 2, 272 | 6, 191 | 11, 788 | 5, 597 |
| 1889 | 164 | 2,997 | 2,264 | 3,572 | 1,238 | 3, 325 |  | 2,967 |
| 1879. | 84 | 1,430 |  | 1,427 | 587 | 1,512 | 2, 737 | 1,225 |
| States, 1019. |  |  |  |  |  |  |  |  |
| California. | 17 | 158 | 58 | 439 | 137 | 333 | 680 | 347 |
| Connecticut. | 4 | 31 | 5 | 25 | 25 | 55 | 106 | 51 |
| Illinois.. | 41 | 687 | 523 | 1,631 | 653 | 2,278 | 3,921 | 1,643 |
| Indiana. | 6 | 129 | 134 |  | 124 | 834 | 1,301 | 467 |
| Maryland. | 4 | 92 | 28 | 154 | 64 | 155 | 340 | 185 |
| Massuchusetts | 51 | 545 | 396 | 1,286 | 417 | 1,130 | 2,063 | 938 |
| Michigan. | 14 | 173 | 132 | 729 | 134 | 830 | 1,259 | 429 |
| Minnesota | 11 | 683 | 194 | 2, 291 | 624 | 2,557 | 4, 052 | 1,495 |
| Missouri. | 8 | 93 | 419 | 300 | 82 | - 343 | - 575 | ${ }_{1} 232$ |
| New Jersey | 28 | 930 | 416 | 1,853 | 913 | 1, 858 | 3, 572 | 1,914 |
| Now York | 244 | 4,410 | 1,025 | 20,993 | 5, 425 | 17, 234 | 30,322 | 13, 088 |
| Ohio... | 13 | 136 | 156 | - 470 | 104 | 612 | 993 | 381 |
| Oregon. | 6 | 14 | 12 | 44 | 15 | 38 | 69 | $\begin{array}{r}31 \\ \hline 556\end{array}$ |
| Pennsylvania. | 33 | 753 | 359 | 2,257 | 631 | 1,702 | 3,258 | 1,556 |
| Rhode Island. | 4 | 22 | 12 | 14 | 15 | 20 | 48 |  |
| Washington. | 3 | ${ }^{6}$ |  | ${ }^{23}$ | 5 | $\stackrel{26}{69}$ | 42 84 | 16 |
| Wisconsin. | - ${ }^{8}$ | $\frac{12}{71}$ | 25 | 29 170 | 9 38 | 69 162 | -84 268 | 106 |
| All other states ${ }^{\text {2 }}$ | 10 | 7 | 25 | 170 | 38 | 162 | 200 |  |

LEATHER, TANNED, CURRIED, AND FINISHED.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1019. | 680 | 72, 476 | 218, 238 | \$ 871,342 | \$88, 205 | \$646,522 | \$928, 592 | \$282, 070 |
| 1914 | 741 | 55,936 | 172, 712 | 332, 180 | 31, 914 | 284, 245 | 367, 202 | 82, 957 |
| 1909 | 919 | 62, 202 | 148, 140 | 332, 727 | 32, 103 | 248, 279 | 327, 874 | 79, 595 |
| 1904 | 1,049 | 57, 239 | 117, 450 | 242, 584 | 27, 049 | 191, 179 | 252, 621 | 61, 442 |
| 1899 | 1,306 | 52, 109 | 88, 860 | 173, 977 | 22, 591 | 155, 000 | 204, 038 | 49, 038 |
| 1889 | 1,787 | 42, 302 | 60, 081 | 98, 089 | 21, 250 | 122, 848 | 172,136 300,265 | 49, 189 |
| 1879 | 5, 628 | 40, 282 |  | 73, 384 | 16,504 | 156, 384 | $\begin{array}{r}1200,265 \\ 157,238 \\ \hline\end{array}$ | 43,881 |
| 1869 | 7, 569 | 35,243 20,246 | 39,583 | 61,125 39,026 | 14,506 8,176 | 118,570 49,813 | 157,238 75,099 | 38,868 <br> 25,888 |
| 1859 | 6, 1888 | 20,246 25,595 |  | 39,026 22,775 | 8, 642 | 26, 260 | 43, 458 | 17,028 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 21 | 1,453 | 5,714 | 15,904 | 1,897 | 16, 472 | 21, 417 | 4,945 |
| Connecticut | 7 | 188 | 510 | 1,107 | 189 | 1,060 | 1, 569 |  |
| Delaware | 18 | 4, 251 | 7,977 | 34, 983 | 5,812 | 28, 340 | 50, 138 | 21,798 |
| Goorgia | 3 | 801 | 1,077 |  |  |  | 8,243 60,323 |  |
| Tlinois. | 29 | 4, 434 | 14, 620 | 88,070 |  |  |  |  |
| Tndiana. | 9 |  |  | $\begin{array}{r}4,787 \\ 7 \\ \hline\end{array}$ | $\begin{array}{r}343 \\ \hline 670 \\ \hline\end{array}$ | 3,405 | 4,729 8,748 | 2,957 |
| Kentucky | 10 | 661 306 | - 2,478 1,746 | 7,012 | 670 299 | 5,791 2,675 | 3,359 | ${ }^{2} 884$ |
| Maine. ${ }^{\text {Maryland }}$ | 7 | 300 517 | 1,746 1,630 | 2, 547 | 479 | 4, 357 | 6,264 | 1,907 |
| Massachusetits | 131 | ${ }^{*} 15,180$ | 34, 159 | 92,549 | 19,211 | 82, 017 | 129,595 | 47,578 |
| Michigan.... | 28 | 3, 404 | 12, 243 | 32, 886 | 4,163 | 32, 452 | 45, 801 | 13, 349 |
| Missouri. | 7 | 265 | 948 | 4,489 | ${ }_{7}^{296}$ | 2,946 | 3,770 |  |
| Now Hampshire. | 7 | 709 5 | 4,750 13 | 45, ${ }^{4} 89$ | 764 7,297 | 52, 586 | 78,012 | 25, 428 |
| New Jersey | 78 <br> 94 | 5, 7 | 13, 2134 | 67, 623 | 8,419 | 70, 487 | 98,094 | 27, 607 |
| Now Y Ork. | 1.1 | 1, 1,385 | 6,916 | 12, 301 | 1,096 | 14, 281 | 17, 849 | 3,568 |
| Ohlo... | 24 | 1, 505 | 5, 063 | 26, 995 | 2,172 | 18, 818 | 25, 008 | 6, 190 |
| Oregon. | 5 |  | 203 | 243 | 47 |  |  |  |
| Pennsylvania | 92 | 13,749 | 42, 961 | 146,280 4,892 | 17,252 490 | 146,405 5,028 | 211,389 6,710 | 1,682 |
| Tennessee. | 0 | 008 | ${ }^{\text {n } 2,877}$ | 4,892 | 490 | 5, 028 | 6,710 | 1,682 |

${ }^{2}$ Includes: Colorado, 2 establishments; Georgia, 4; Louisiana, 1; Now Hampshire, 2; Texas, 1.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE TOR THE UNITED STATES,

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

LEATHER, TANNED, CURRIED, AND FINISHED-Continud.


LIME. ${ }^{2}$

|  |  |  |  | \$45,845 | 810869 | \$1.4297 | \$33, 970 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914 | ${ }_{6} 627$ | 12,429 | 39,134 | -34, 3124 | 6, 040 | - 7,558 | 18, 301 | \$19,073 |
| 1909. | 853 | 13,897 | 27, 671. | 32,520 | 5,980 | 0,731 | 17, 0512 | 11, 221 |
| 1904. | 526 | 11, 152 | 18, 198 | 22,596 | 4,597 | 5, 437 | 14,751 | 9,314 |
| 1869. | 1,001 | 6, 450 | 481 | 5, 344 | 1,930 | 4,459 | 8,917 | 4,458 |
| 1859. | 714 | 3,053 |  | 2, 015 | 877 | 1,760 | 3,709 | 2,039 |
| 1849. | 761 | 2,838 |  | 1,124 | 736 | l, 107 | 2,286 | 1,179 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 10 | 291 | 809 | 1,424 | 305 | 040 | 1, 149 | 509 |
| Arkansas. | 4 | 76 | 240 | 237 | 55 | 82 | 188 | 100 |
| California. | 8 | 159 | 345 | 879 | 170 | 281 | 504 | 283 |
| Connecticut | 5 | 191. | 85 | 9.46 | 196 | 419 | 770 | 351 |
| Illinois.. | 11 | 378 | 1,068 | 1,543 | 409 | 331 | 1,0094 | 738 |
| Indiana. | 5 | 419 | 1,553 | 968 | 341. | 388 | 939 | \$51 |
| Maryland | 36 | 468 | 2, 111 | 813 | 263 | 501 | 1,049 | 498 |
| Massachusetts | 12 | 501 | 2,028 | 1,255 | 523 | 968 | 2,114 | 1,146 |
| Michigan.. | 6 | 222 | 1, 195 | 602 | 183 | 291 | 620 | 1335 |
| Minnesota | 5 | 167 | 260 | 558 | 169 | 120 | 427 | 307 |
| Missouri. | 16 | 736 | 1,030 | 3,074 | 650 | 793 | 2,090 | 1,297 |
| New Jersey | 5 | 12 | 65 | 42 | 11 | 10 | 27 | 17 |
| New Mexico. | 4 | 13 |  | 44 | 11 | 4 | 27 | 23 |
| New York. | 16 | 335 | 2,386 | 1,398 | 318 | 391 | 832 | 44 |
| Ohio.. | 30 | 1,191 | 9, 175 | 6,040 | 1,202 | 1,701 | 4,021 | 2,320 |
| Ponnsylvania | 158 | 2,539 | 12,554 | 8,713 | 2,552 | 3,002 | 7,556 | 4,554 |
| South Dakota | 3 | 14 | 55 | 56 | 17 | 24 | 69 | 35 |
| Tennessee. | 16 | 527 | 1,117 | 1,008 | 372 | 451 | 1, 100 | 649 |
| Texas. | 7 | 226 | 596 | 809 | 227 | 323 | 798 | 475 |
| Utah. | 12 | 45 | 166 | 479 | 63 | 43 | 140 | 97 |
| Vermont | 8 | 160 | 1,141 | 663 | 158 | 260 | 450 | 199 |
| Virginia | 37 | 750 | 3,149 | 2, 307 | 587 | 730 | 1,875 | 1,145 |
| Washington | 5 | 150 | 447 | 1,170 | 144 | 147 | 341 | 194 |
| West Virgini | 9 | 727 | 3,700 | 3, 097 | 788 | 907 | 2,395 | 1, 488 |
| Wisconsin. | 20 | 392 | 2, 731 | 2,417 | 330 | 417 | 1,130 | ${ }^{7} 713$ |
| All other states ${ }^{\text {a }}$. | 28 | 716 | 2,223 | 5,303 | 736 | 1,023 | 2,230 | 1,207 |

[^56]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| ydear and state. | Number of estab) lishments. | Wage earners (average number'). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expr | ssed in th | usands. |  |

LINEN GOODS.


IIQUORS, DISTILLED.

| United States. |  |  |  |  |  |  | r |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919 | 34 | 1,380 | 16, 494 | \$45, 618 | \$1,717 | \$19,656 | \$31, 854 | \$12, 198 |
| 1914 | 434 | 6,295 | 51, 971 | 91,285 | 3,994 | 40,097 | 206, 779 | 165,782 |
| 1909. | 013 | 6, 430 | 46, 120 | 72, 450 | 3,074 | 35,977 | 204, 699 | 168,722 |
| 1904 | 805 | 5,355 | 42,349 | 50, 101 | 2,657 | 25,626 | 131, 270 | 105, 644 |
| 1899. | 965 | 3,720 | 31,427 | 32,540 | 1,733 | 15, 145 | 96, 794 | 81, 649 |
| 1889 | 440 | 4,762 | 18,769 | 31,096 | 2,246 | 14,909 | 104, 198 | 89, 289 |
| 1879 | 844 | 6,502 |  | 24, 248 | 2,064 | 27,744 | 41, 064 | 13,320 |
| 1869. | 719 | 5,131 | 13,684 | 15, 545 | 2,020 | 19,729 | 36, 191 | 16,462 |
| 1859 | 1, 193 | -5,416 |  | 11, 549 | 1,753 | 18,331 | 26,788 | 8, 437 |
| 1849. | 968 | 4,008 |  | 5,409 | 1,090 | 10,543 | 15, 770 | 5,227 |
| States, 1010. |  |  |  |  |  |  |  |  |
| California |  | 234 | 5,969 | 3,013 | 329 | 2,443 | 3,969 | 1,526 |
| mllinois. | 6 | 327 | 4,564 | 6,529 | 309 | 3,782 | 4, 821 | 1,039 |
| Louisiana | 6 | 279 | 1,692 | 12, 113 | 331 | 4,178 | 8,246 | 4,068 |
| Massachusetts. | 4 | 64 | 149 | 2,801 | 91 | 1,934 | 2,550 | 616 |
| All other states ${ }^{2}$ | 15 | 476 | 4,120 | 21, 162 | 597 | 7,319 | 12, 268 | 4,949 |

LIQUORS, MALT.

| 1919................ | 720 | 34, 259 | 324, 431 | \$583, 430 | \$ 45,170 | \$94,793 | \$379,905 | \$285, 112 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. | 1,250 | 61, 070 | 405, 884 | 792,914 | 53,244 | 129,724 | 442, 149 | 312,425 |
| 1909 | 1,414 | 54, 579 | 347, 726 | 671, 158 | 41,206 | 90,596 | 374, 730 | 278, 134 |
| 1904 | 1,530 | 48, 137 | 2661, 1519 | 515, 630 | 34, 541 | 74,907 | 298, 346 | 223,439 |
| 1899 | 1,507 | 39, 459 | 197, 901 | 413, 767 | 25,776 | 51,598 | 236, 915 | 185,317 |
| 1889. | 1,248 | 30, 257 | 115, 999 | 232, 471 | 20,713 | 64,003 | 182, 732 | 118,729 |
| 1879 | 2,191 | 26, 220 |  | 91, 208 | 12,198 | 56, 837 | 101, 058 | 44,221 |
| 1869 | 1,972 | 12,443 | 10,762 | 48,779 | 6,759 | 28, 178 | 65, 707 | 27, 529 |
| 1859. | 1,269 | 6, 438 |  | 15,782 | 2,306 | 9,997 | 21, 311 | 11, 314 |
| 1849 | 481 | 2,847 |  | 4,072 | 654 | 3,055 | 5, 729 | 2,674 |
| - States, 1019 |  |  |  | , |  |  |  |  |
| California. | 20 | 985 | 8,452 | 12, 685 | 1,544 | 3,225 | 11, 419 | 8,194 |
| Colorado | 4 | 91 | 1., 280 | 751 | 109 | 332 | 848 | 517 |
| Conneaticat | 15 | 405 | 4,747 | 5, 808 | 551 | 1,391 | 5,337 | 3,946 |
| Delaware | 4 | 96 | 813 | 2, 638 | 121 | 227 | 813 | 586 |
| Tlinois. | 61 | 2,796 | 37, 401 | 43, 681 | 3,783 | 7,139 | 27, 323 | 20,184 |
| Indiana: | 13 | 759 | 8,388 | 8,904 | 839 | 1,725 | 3, 959 | 2, 234 |
| Kentucky | 8 | 568 | 4,119 | 8,524 | 601 | 1,193 | 5, 417 | 4,224 |
| Louisiana. | 8 | 426 | 3,220 | 6, 580 | 452 | 1, 604 | 5,778 | 4,174 |

[^57]TABLE 225.-SUMMARY FOR INDUSTRTES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

LIQUORS, MALT-Continued.

| Sutes, 1919-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Maine. | 3 | 2 |  | \$10 | \$2 | \$2 | \$6 | 4 |
| Maryland | 8 | 597 | 4,383 | 7,133 | - 917 | 1,573 | 6,374 | 4, 801 |
| Massachusetts. | 19 | 1,328 | 7,835 | 15,843 | 1,931 | 4,188 | 14,713 | 10,525 |
| Michigan.. | 25 | 779 | 6,658 | 7,224 | 1,052 | $\stackrel{2}{2}, 027$ | 5, 276 | 3,249 |
| Minnesota. | 28 | 1,036 | 7,125 | 18,938 | 1, 843 | 2, 047 | 7,713 | 5,666 |
| Missouri. | 20 | 2,930 | 26, 454 | 44, 807 | 3,570 | 3,724 | 24,366 | 20, 642 |
| Montana. | 7 | 46 | 1,002 | 1,433 | 80 | 134 | 355 | 221 |
| Nebraska. | 6 | 148 | 3,767 | 2,288 | 187 | 373 | 935 | 562 |
| New Jersey | 20 | 1,780 | 13, 636 | 36,336 | 2, 624 | 5,532 | 26,148 | 20,616 |
| New York. | 101 | 6, 814 | 56, 554 | 124,054 | 8,873 | 20, 953 | 90, 497 | 78, 544 |
| Ohio. | 73 | 3,327 | 35, 924 | 47,005 | 4,453 | 7,095 | 25, 161 | 18,068 |
| Pennsylvania | 168 | 5,231 | 52, 744 | 95, 038 | 6,691 | 14, 407 | 59,331 | 44, 924 |
| Rhode Island. | 5 | 898 | 3,522 | 3,298 | 544 | 1,020 | 5, 933 | 4, 913 |
| Tennessee. | 3 | 222 | 1, 975 |  | 205 | 1354 | 1,180 | 826 |
| Texas..... | 6 | 286 | 4, 476 | 5,560 | 334 | 1,080 | 2,143 | 1,063 |
| Washington. | 8 | 141 | 2, 967 | 6,383 | 222 | 11,017 | 1,832 | 815 |
| Wisconsin. | 77 | 2, 815 | 23, 012 | 77, 109 | 3,268 | 11, 483 | 35, 830 | 24, 347 |
| Wyoming. | 3 | 16 |  |  | 348 | 885 |  | 1135 |
| All other states 1 | 18 | 292 | 3,699 | 4,428 | 348 | 885 | 2,019 | 1,134 |

## urquors, vinous.



LITHOGRAPHING.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 331 | 15, 618 | 18,624 | \$60, 817 | \$18,201 | \$27,718 | \$73, 151 | \$45,433 |
| 1914 | 336 | 15, 171 | 15, 178 | 35, 885 | 11,861 | 14, 017 | 39, 138 | 25, 119 |
| 1909. | 318 | 15, 073 | 13, 132 | 37, 173 | 10, 202 | 11,931 | 34, 109 | 22, 178 |
| 1904. | 248 | 12,614 | 8,195 | 25,5888 | 8, 199 | 8,350 | 25,245 | 16,895 |
| 1899. | 263 | 12,994 | 7,063 | 22, 376 | 6, 888 | 7,886 | 22,241 | 14, 355 |
| 1889. | 219 | 9,656 | 4,076 | 15,490 | 5, 825 | 6,205 | 17,988 | 11, 723 |
| 1879. | 167 | 4,322 |  | 4,502 | 2,807 | 2,755 |  |  |
| 1869. | 91 | 1,789 | 186 | 1,534 | 838 339 | 736 229 | 2,516 | $\begin{array}{r}1.780 \\ \hline 610\end{array}$ |
| 1859. | 53 11 | 786 162 |  | 446 | 339 51 | 229 50 | 848 136 | 618 88 |

1 Includos: District of Columbia, 2 establishments; Morida, 2 ; Georgia, 1; Iowa, 2 ; Nevada, 2; New Mexico, 1; Oregon, 2; South Dakota, 3; Utah, 2; Wwï V rginia, 1.
a Liquors, wine.
Includes: Minnesota, 1 estaclishment; Missouri, 1; Ohio, 5; Ponnsylvania, 2; Washu gton, 1.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\left\|\begin{array}{c} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{array}\right\|$ | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

LITHOGRAPHING-Continued.

| States, 1019. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| California | 11 | 696 | 1, 413 | \$2,990 | 8960 | \$1,867 | \$4,583 | \$2,716 |
| Colorado | 4 | 197 | 169 | . 633 | 174 | - 424 | 915 | ${ }^{2} 491$ |
| District of | 6 | 197 | 178 | 562 | 225 | 239 | 687 | 448 |
| Illinois. | 31 | 1,083 | 1,176 | 4,188 | 1,373 | 2,244 | 6,015 | 3,771 |
| Indiana | 3 | 46 | 58 | 190 | 43 | 66 | $\bigcirc 142$ | - 76 |
| Iowa. : | 4 | 127 | 138 | 324 | 147 | 345 | 74.5 | 400 |
| Kentueky | 5 | 176 | 149 | 853 | 198 | 205 | 649 | 444 |
| Maryland. | ${ }^{6}$ | 542 | 687 | 3,692 | 615 | 1,265 | 3,124 | 1,859 |
| Massachuse | 14 | 1,218 | 1,025 | 4,141 | 1,348 | 1,806 | 4,916 | 3, 020 |
| Michigan. | 10 | 438 | 087 | 1,912 | 467 | , 784 | 1, 929 | 1, 145 |
| Missouri... | 15 | 262 | 329 | ${ }_{271}^{941}$ | 333 | 594 | 1,472 | 878 |
| New Jersey | 6 | 173 | 134 | 276 | 175 | 181 | ${ }^{5} 522$ | 341 |
| Now Yor | 136 | 6,675 | 7,867 | 25,523 | 8,205 | 10, 701 | 30,544 | 19,843 |
| Ohio. | 28 | 1,939 | 2, 720 | 8,364 | 2,008 | 3,544 | 9,151 | 5,607 |
| Pennsylvania | 25 | 1,079 | 818 | 3,057 | 1,071 | 1,784 | 4, 041 | 2,257 |
| Washington. | 4 | 82 | 153 | 343 | 95 | 190 | 471 | ${ }^{2} 281$ |
| Wisconsin.. | 12 | 438 | 569 | 2,066 | 497 | 892 | 2,079 | 1,187 |
| All otherstates 1 | 11 | 250 | 354 | 762 | 267 | 497 | 1,166 | 669 |

LOCOMOTIVES, NOT MADE BY RAILROAD COMPANIES.

| Trited States. <br> 19192 | 17 |  |  | \$138, 276 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. | 19 | 17,391 | 50, 373 | 5188, 21 | \$38,799 | \$72,370 | \$156, 270 | \$83, 894 |
| 1909. | 16 | 14,909 | 35,102 |  | $1{ }^{2}$ | 2n, | 43, 34 | 19,828 |
| 1904. | 15 | 24, 806 | 29,806 | 38,421 | 15,798 | 27, 703 | 59,552 | 16, 1622 |

## LOOKING-GLASS AND PICTURE FRAMES.



1 Includes: Alabama, lestablishment; Connecticut, 2; Lonisiana, 1; Minnesota, 3; Nebraska 1; Tennessee, 1; Virginia, 1; West Virginia, 1.
a'fncludes: Arkansas, 1 establishment; Georgia, 1 ; Iowa, $1 ;$ Now Jersey, 1; Now York, 2 ; Ohio, 2 ; Pennsylvania, 8; Virginia, 1. The details for these states are not shown, to avoid the possibility of disclosure of individual oporations.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

LOOKING-GLASS AND PICTURE FRAMES-Continued.

| Statcs, 1919-Continue. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rhode Island. | 4 | 21 | 5 | \$14 | \$18 | \$21 | \$48 |  |
| Washington.. | 8 | 23 | 3 | 28 | 25 | 22 | 77 |  |
| West Virginia. | 9 | 96 | 180 | 189 | 66 | 49 | 151 | 102 |
| Wisconsin.................. | 4 | 5 | 5 | 29 | 5 | 19 | 44 | 25 |
|  | 17 | 3 | 1. | 58 | 32 | 62 | 181 | 119 |

LUBRICATING GREASES.


LUMBER AND TMMBER PRODUCTS.


[^58]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919 -Continued.

| year and state. | $\left\|\begin{array}{l} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{array}\right\|$ | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

## LUMBER AND TIMBER PRODUCTS-Continued.

| States, 1919-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| New Mexico | 47 | 1,240 | 4,003 | \$2,737 | \$1,123 | \$653 | \$2,778 | \$2,125 |
| New York | 849 | 5, 194 | 46,990 | 22,076 | 5,251 | 7,467 | 18,415 | 10,948 |
| North Car | 2,762 | 22,728 | 112,683 | 64,780 | 19,644 | 15,889 | 54, 928 | 39,039 |
| Ohio. | 514 | 3,135 | 20,809 | 6,697 | 3,049 | 5,195 | 12,031 | 6,836 |
| Oklahom | 145 | 1,947 | 8,829 | 3,669 | 1,988 | 1,312 | 4,904 | 3,592 |
| Oragon. | 625 | 22, 884 | 103, 737 | 83,482 | 32,438 | 32,135 | 85, 348 | 53,213 |
| Pennsylvan | 1,334 | 7,703 | 44, 012 | 20, 269 | 7,381 | 7,843 | 25,031 | 17,188 |
| Rhode Islan | 23 | 71 | 1,263 | 156 | 77 | 73 | 242 | 189 |
| South Carolina | 610 | 11,713 | 48,001 | 27,208 | 9, 637 | 6,095 | 21,762 | 15,667 |
| South Dakota | 45 |  | 2,842 | 1,279 | 702 | 565 | 1,819 | 1,254 |
| Tonnesseo. | 1,450 | 12,847 | 61,093 | 59,865 | 9,781 | 14,263 | 38,496 | 24,233 |
| Texas. | 457 | 17,359 | 76,025 | 47,282 | 17,900 | 15,691 | 47,884 | 32,193 |
| Utah. | 80 | 166 | 2,043 | 310 | 180 | 57 | 387 | 330 |
| Vermont | 409 | 3,020 | 30, 589 | 6,998 | 2,684 | 2,974 | 8,362 | 5,388 |
| Virginia. | 1,931 | 15,960 | 64,501 | 25, 876 | 13, 413 | 10,665 | 35,389 | 24,724 |
| Washington | 1,130 | 53,393 | 420,518 | 159,411 | 80,483 | 85,307 | 220, 512 | 135,205 |
| West Virginia | 643 | 12,427 | 40,596 | 33,446 | 14,023 | 8,552 | 34,420 | 25,868 |
| Wisconsin. | 372 | 21, 795 | 70,967 | 60, 684 | 19,659 | 21,392 | 57, 221 | 35,829 |
| Wyoming. | 58 | 322 | 1,602 | 1,119 | 493 | 142 | 1,025 | 883 |
| All other states | 5 | 197 | 1,131 | 720 | 224 | 568 | 1,082 | 514 |

LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITAS SAWMILLS.

|  | 5,300 | 80,956 | 419, 671 | \$361,848 | \$91,977 | \$299, 266 | \$500,438 | \$201,172 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914 | 5,841 | 06,214 | 414,817 | 266,805 | 61,949 | 184,227 | 307, 672 | 123,445 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 82 | 1,028 | 5,313 | 2,431 | 860 | 3,861 | 5,702 | 1,841 |
| Arizona | 8. |  | 246 | 248 |  | 216 | 364 | 148 |
| Arkansas | 50 | 1,283 | 4,358 | 4,242 | 1,090 | 4,643 | 7,065 | 2,422 |
| California | 325 | 6,215 | 34,246 1 1 | 25, 729 | 7, ${ }^{\text {, }}$, 12 | 28, 21.6 | 42,832 1,572 | 14,818 819 |
| Colorado | 41 | 411 | 1,784 | -887 | + 512 | 753 4,572 | 1,572 <br> 7,478 | 819 2.908 |
| Connectiou | 01 | 1,037 | 6,279 | 5,566 | 1,209 | 4,572 | 7,478 | 2,906 |
| Delaware... | 8 |  |  | 109 572 | $\begin{array}{r}41 \\ 295 \\ \hline\end{array}$ | 100 382 | 184 860 | 84 478 |
| District of Columbin | ${ }_{6}^{9}$ | $\begin{array}{r}244 \\ 1,267 \\ \hline\end{array}$ | 643 5,155 | 572 3,374 | 295 1,097 | 382 3,117 | 860 5,271 | 478 2,154 |
| Glorida. | 63 131 | 1,267 2,688 | 5,155 12,500 | 3,374 8,018 | 1,097 2,210 | 3,117 8,472 | 5,271 14,029 | 2,557 |
| Idaho. | 16 | 119 | 557 | 416 | 133 | 337 | 555 | 218 |
| Illinois: | 269 | 5,147 | 23,741 | 24, 059 | 6,036 | 20,680 | 34,589 | 13,909 |
| Indiana | 222 | 2,238 | 14, 202 | 10,523 | 2, 177 | 8,844 | 14,102 | 5,258 |
| Iowa. | 97 | 3,211 | 9,604 | 12,969 | 2,789 | 8,786 | 16,388 | 7,602 |
| Kansas. | 55 | 436 | 1,975 | 1,160 | 448 | 1,254 | 2,107 | 858 |
| Kentucky | 106 | 1,784 | 7,317 | 6,247 | 1,518 | 5,275 | 8,856 | 3,581 |
| Lousian | 51 | 1,050 | 4,006 | ${ }^{4,363}$ | 963 | 3,401 | 5,570 | 2,169 |
| Maine. | 58 | +780 |  | 3,555 5,340 | $\begin{array}{r}761 \\ 1,121 \\ \hline\end{array}$ | 2,109 4,416 | 3,330 7,509 | 1,221 3,093 |
| Maryland. | 65 | 1,179 | 6,203 11,515 | 5,340 8,411 | 1,121 2,709 | 4,416 7,214 | 7,509 12,625 | 3,093 5,411 |
| Massachuse | 140 | 2,245 5,256 | 11, 5175 | 8,411 24,836 | 2, $\mathbf{5}, 829$ | - 24,214 | -37,889 | 13,880 |
| Midohigan. | 192 | 5,256 <br> 2,188 | 27,070 8,988 | 24,836 8,995 | 5, 2 2,414 | 24, 6,528 | 11,804 | 5,276 |
| Minnesota. | 94 65 | 2,188 1,102 | 8,088 6,003 | 8,995 <br> 2,746 | 2, 811 | 6,528 3,488 | 5,933 | 2,445 |
| Mississippi | 65 111 | 2,805 | 10,081 | 10, 529 | 2,841 | 6,705 | 12,318 | 5,523 |
| Montana. | 30 | 176 | 1,153 | 1, 538 | 263 | 780 | 1,205 | 425 |
| Nobraska | 29 | 422 | 1,728 | 1,325 | 547 | 1,212 | 2,182 | 970 |
| Now Hampshire | 88 | 524 | 2,139 | 1,574 | 482 | 1,255 | 2,137 | 882 |
| Now Jersey. | 188 | 1,950 | 9,345 | 8,484 | 2,161 | 6,259 105 | $\begin{array}{r}10,759 \\ \hline 103\end{array}$ | 4,500 88 |
| New Mexioo | 515 | $8{ }^{46}$ | 41, 516 | 41,285 | 9,849 | 28,350 | 40,44.1 | 21,085 |
| North Car | 168 | 2,197 | 11, 805 | 6,738 | 1,715 | 7,139 | 11,439 | 4,300 |
| Ohto. | 378 | 4,495 | 28,302 | 21,708 | 5,213 | 20,352 | 32, 429 | 12,077 |
| Ollahom | 56 | 546 | 1,853 | 1,982 |  | 1,602 | 3,150 | 1,548 |
| Oregon. | 618 638 | 7,191 | 6,91 36,290 | 33,691 | 8,034 | 19,094 19 | 35, 125 | 10,031 |

[^59]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS-Continued.

| States, 1919-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rhode Island. | 27 | 388 | 1,698 | \$1,160 | \$433 | \$821 | \$1,712 | \$891 |
| South Carolina. | 54 | 865 | 3,346 | 2,042 | 634 | 3,074 | 4,560 | 1,486 |
| South Dakota. | 28 | 147 |  | 8666 | 181 |  | 813 | 372 |
| Tennessee. | 109 | 2,737 | 11, 404 | 8,707 | 2,020 | 7,532 | 12,370 | 4,838 |
| Texas. | 130 | 1,779 | 5, 821 | 6,906 | 1,803 | 5,289 | 9,703 | 4,504 |
| Utah.... | 33 | 200 | 2,141 | - 508 | 286 | 424 | 950 | 526 |
| Vermont. | 35 | 349 | 2,167 | 2,006 | 205 | 1,856 | 2,847 | 991 |
| Virginia. | 145 | 2,039 | 9,506 | 7,858 | 1,933 | 7,644 | 11,773 | 4,129 |
| Washington. | 86 | 1,946 | 11,787 | 6,377 | 2,443 | 6,060 | 10,932 | 4, 872 |
| West Virginia. | 121 | 1,054 | 6,803 | 6,860 | 1,187 | 11,315 | 10,909 | 3,215 |
| Wisconsin.. | 167 | 4,422 |  |  |  |  |  | 9,232 |
| Wyoming. ${ }^{\text {All }}$ other | 11 | 39 54 | 333 443 | 120 230 | 77 52 | ${ }^{85}$ | 204 | 119 |
|  |  |  |  |  |  |  |  |  |

## MAOHINE TOOLS.

\begin{tabular}{|c|c|c|c|c|c|c|c|c|}
\hline 1919. \& 403 \& 53,111 \& 100,433 \& \$231; 040 \& \$06, 179 \& \$59,034 \& \$212, 400 \& \$153, 366 <br>
\hline States, 1919. \& \& \& \& \& \& \& \& <br>
\hline Connecticut. \& 33 \& 5,472 \& 8,903 \& 20,381 \& 7,248 \& 4, 923 \& 18,435 \& 13,512 <br>
\hline Illinois. \& 28 \& 3,273 \& 5,767 \& 14, 323 \& 4,410 \& 4.755 \& 15,008 \& 10, 253 <br>
\hline Indiana \& 15 \& 1,228 \& 2,272 \& 4,316 \& 1,384 \& 1,374 \& 4,259 \& 2,885 <br>
\hline Kentucky \& 7 \& 249 \& 381
18 \& ${ }_{16}^{633}$ \& 272
5 \& 315
6 \& 1,023 \& 708 <br>
\hline Maine. \& $\begin{array}{r}3 \\ 46 \\ \hline\end{array}$ \& 6,471 \& 12,676 \& 32,446 \& 7,610 \& 6,909 \& 23, 443 \& 16, 534 <br>
\hline Michigan..... \& 31 \& 3,196 \& 5,905 \& 14, 439 \& 4,408 \& 3,972 \& 12, 656 \& 8,684 <br>
\hline Minnesota. \& 5 \& 163 \& 331 \& 778 \& 182 \& 221 \& 827 \& 6106 <br>
\hline Missouri. \& 5 \& 121 \& 21. \& 461 \& 149 \& 191 \& 435 \& 244 <br>
\hline New Jersey \& 14 \& 1,678 \& 3,984 \& 7,344 \& 1,520 \& 2,421 \& 6,768 \& 4,347 <br>
\hline New York. \& 29 \& 1,590 \& 3,925 \& 7,351 \& 1,825 \& 1,305 \& 5,028 \& 3,723 <br>
\hline Ohio. \& 102 \& 13, 555 \& 25, 255 \& 56,627 \& 17,072 \& 17, 477 \& 62; 554 \& 45,077 <br>
\hline Pennsylvania \& 32 \& 3,671 \& 8, 536 \& 21,869 \& 5, 141 \& 4,768 \& 16,797 \& 12, 029 <br>
\hline Rhode Island. \& 13 \& 7,169 \& 8,998 \& 25, 037 \& 8,702 \& 3,604 \& 22,301 \& 18,007 <br>
\hline Vermont. \& 6 \& 2,024 \& 7,201 \& 11, 042 \& ${ }^{2}, 550$ \& ${ }_{2}^{2}, 927$ \& 9,010 \& 6,683 <br>
\hline Wisconsin.......
All other states \& 24
10 \& 2,352

594 \& 4,325
1,742 \& 10,866
3,111 \& 2,836
865 \& 2, 1,178 \& 9,415
3,825 \& 6,817
2,647 <br>
\hline All other states ${ }^{\text {a }}$ \& \& \& \& \& \& \& \& <br>
\hline
\end{tabular}

MALT.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 55 | 1,352 | 27,483 | \$34, 829 | \$1,845 | \$31,613 | \$39,340 | \$7,727 |
| 1914 | 97 | 1,989 | 33, 394 | 46,767 | 1,828 | 39, 190 | 48, 133 | 8,934 |
| 1909. | 114 | 1,760 | 26,441 | 60,286 | 1,348 | 30, 464 | 38,202 | 7,788 |
| 1904. | 141. | 2,054 | 20, 288 | 47, 934 | 1,457 | 23,621 | 30, 289 | 6,668 |
| 1899. | 146 | 1,990 | 13,834 | 39,288 | 1,188 | 14, 817 | 19,374 | 4,557 |
| 1889. | 202 | 3,328 | 6,585 | 24, 294 | 1,590 | 17, 100 | 23, 443 | 6, 348 |
| 1879. | 216 | 2,332 |  | 14,390 | 1,005 | 14,321, | 18,273 | 8,952 |
| 1869 | 208 | 1,640 | 1,379 | 8,017 | 701 | 0,002 | 12,017 | 3,015 |
| 1859. | 85 | 589 |  | 2,126 | 190 | 2,305 | 3,229 | 884 |
| 1849. | 11 | 78 |  | 272 | 18 | 304 | 471 | 107 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Illinois. | 10 | 378 | 7,211 | 7,386 | 547 | 6,239 | 8,020 | 1,781 |
| Minnesota. | 7 | 96 | 2,710 | 4,409 | 122 | 2,289 | 2,926 | 637 |
| New York | 10 | 336 | 6, 824 | 6,708 | 418 | 6,808 | 8,493 | 1,685 |
| Wisconsin. | 20 | 484 | 8,946 | 14, 221 | 650 78 | 14,798 | 18, 064 | 8,266 858 |
| All other states ${ }^{\text {a }}$. ${ }^{\text {a }}$ | 8 | 58 | - 1,792 | 2,105 | 78 | 1,479 | 1,837 | 858 |

[^60]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sed in tho | sands. |  |

MARBLE AND STONE WORK.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4, 240 | 32,768 | 170, 132 | \$112,569 | \$38,355 | \$49,524 | \$129, 165 | \$79,641 |
|  | 4,964 | 54, 6591 6003 | 207,461 | 118, 423 | 37,961 42,546 | 37,802 37 | 107,055 | 69,253 <br> 75 <br> 7896 |
|  | 2,608 | 51, 110 | 102, 587 | -79, 170 | 31, 399 | 26,569 | 84, 844 | 58,275 |
| 18991 | 2,952 | 41,686 | 83, 119 | 52,082 | 22, 813 | 21, 546 | 63,667 | 42, 121 |
| 1889. | 3,463 | 33,248 | 21,764 | 38,970 | 22, 296 | 25, 124 | 65,723 | 40,599 |
| 18 | 2,892 | 22,196 |  | 17,249 | 10, 553 | 13,220 | 32,446 | 19,226 |
| 1860. | 1,972 | 18,909 | 6,625 | 16,230 | 10,092 | 11,744 | 30,234 | 18,490 |
| 1859. | 1,806 | 15,379 |  | 8,865 | 5,672 | 5,346 | 16,244 | 10,898 |
| States, 1019. |  |  |  |  |  |  |  |  |
| Alabama. | 33 | 260 | 1,857 | 1,014 | 218 | 247 | 692 | 445 |
| Arizona. | 6 | 13 | 200 | 65 | 21 | 48 | 111 | 63 |
| Arkansas | 49 | 102 | 393 | 567 | 92 | 163 | 423 | 260 |
| California | 128 | 530 | 3,876 | 2,969 | 732 | 1,061 | 2,830 | 1,769 |
| Colorado. | 27 | 87 | 340 | 329 | 129 | 217 | 541 | 324 |
| Connecticu | 70 | 244 | 1,631 | 898 | 328 | - 426 | 1,122 | 697 |
| Dolaware. | 14 | 43 | 71 | 156 | 45 | 133 | 230 | 97 |
| District of Columb | 12 | 116 | 159 | 288 | 112 | 193 | 437 | 244 |
| Florida. | 10 | 53 | 77 | 123 | 54 | 84 | 190 | 106 |
| Georgia | 84 | 1,713 | 5,087 | 6,195 | 1,448 | 1,546 | 4,956 | 3,410 |
| Idaho. | - 6 | 46 1,081 | 6,089 | 5,518 | $\begin{array}{r}\text { r } \\ \text { 1,498 } \\ \hline\end{array}$ | - 612 | $\bigcirc{ }_{7}{ }^{217} 4$ |  |
| Indiana | 166 | 2,004 | 16,668 | 8,236 | 2,135 | 2,529 | 7,612 | 5,083 |
| Iowa.. | 58 | 244 | 979 | 1,383 | 339 | 1,030 | 2,169 | 1,139 |
| Kansas | 58 | 158 | 560 | 802 | 184 | 538 | 1,161 | 623 |
| Kentucky | 63 | 346 | 2,171 | 1,187 | 374 | 721 | 1,585 | 864 |
| Louisiana | 15 | 109 | 301 | 552 | 188 | 236 | 603 | 367 |
| Maine. | 130 | 1,041 | 6,108 | 1,991 | 1,118 | ${ }^{602}$ | 2,328 | 1,726 |
| Maryland | 83 | 563 | 1,507 | 1,793 | 645 | 802 | 1,968 | 1,166 |
| Massachuse | 239 | 1,936 | 11,653 | 5,655 | $\begin{array}{r}2,625 \\ +547 \\ \hline\end{array}$ | 2,519 | 7, 125 | 4,606 |
| Michigan.. | 103 | 1, 3621 | 2,098 | 1,904 | $\begin{array}{r}547 \\ 1,282 \\ \hline\end{array}$ | 1,022 | 2,580 | 1,558 |
| Minnesota. | 109 12 | 1,021 78 | 6, 114 | 2,876 | 1,282 59 | 1,902 | 4,390 | 195 |
| Missouri. | 15. | 840 | 5,185 | 2,892 | 1,018 | 1,723 | 3,803 | 2,080 |
| Montana. | 13 | 45 | 248 | 236 | 77 | 89 | 297 | 208 |
| Nobraska. | 45 | 161 | 681 | 1,127 | 232 | 701 | 1,474 | 773 |
| New Hampsh | 70 | 776 | 4, 975 | 1,815 | 993 898 | $\begin{array}{r}419 \\ \hline 1096\end{array}$ | 2,131 2,940 | 1,712 |
| New Jersey | 114 | - 636 | 2,480 11,700 | 2,753 14,569 | 898 3,796 | 1,096 | -13,940 | 1,844 |
| Norih Caro | 58 | ${ }^{2,935}$ | 1,795 | -775 | , 866 | 495 | 2,113 | 1, 618 |
| North Dakrota | 12 | 88 | 71 | 251 | 48 | 303 | 496 | 193 |
| Ohio. | 191 | 1,50.4 | 8,179 | 7,512 | 1,912 | 2,518 | 7,202 | 4,684 |
| Oklahoma. | 48 | 117 | 475 | 347 | 160 | 304 | 688 | 384 |
| Orogon. | 17 | 55 | 318 | 335 | 89 | 149 | ${ }^{354}$ | 205 6,820 |
| Pennsylvania | 489 | 3,697 | 17,921 | 9,788 | 3,722 | 4,312 | 11, 132 | 6, 822 |
| Rhode Island. | 44 | 321 | 1, 654 |  |  |  | 1,1797 | 824 |
| South Carolint |  | 121 | 347 | 263 | $\begin{array}{r}138 \\ 55 \\ \hline\end{array}$ | 122 | ${ }^{597}$ | 324 197 |
| South Dakota. | 8 | 81.0 | 5,020 | 2,054 | 672 | 894 | 2,223 | 1,329 |
| Texas.. | 120 | 459 | 1, 821 | 1,479 | 539 | 882 | 2,159 | 1,277 |
| Otah. | 18 | 50 | 269 | ${ }^{226}$ | 75 | 139 | 340 | 201 |
| Vermont | 287 | 5,400 | 30,590 | 13,982 | 6,277 | 6,166 | 17, 426 | 11, 260 |
| Virginla | 66 | 441 | 1,176 | 917 | 400 |  | 1,149 | 664 |
| Washington | 27 | 150 |  |  |  | 320 243 |  | 607 262 |
| West Virgini |  |  | 345 5,118 | 716 4,268 | 97 1,480 | 1, 243 1,705 | $\begin{array}{r}\text { 4, } 726 \\ \hline\end{array}$ |  |
| Wisconsin, All other states | 131 | 1,287 | 5,118 23 | $\begin{array}{r}4,268 \\ \hline 36\end{array}$ | 1,430 7 | 1,705 22 | 4,726 48 | 3,021 26 |

1 Includes artilicial stone products.
2 Includes: Nevada, 4establishments; New Mexico, 1; Wyoming, 1.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\left\|\begin{array}{l} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{array}\right\|$ | Wage earners (average ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

MATCHES.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 19191. | 21 | 3,726 | 12,947 | \$29,477 | \$3,060 | \$6, 853 | \$18,496 | \$11,643 |
| 1914. | 20 | 3,800 | 7, 465 | 11,736 | 1,758 | 5, 202 | 12,556 | 7, 354 |
| 1900. | 26 | 3,631 | 6, 224 | 11, 953 | 1,390 | 4,599 | 11,353 | 6,754 |
| 1904. | 23 | 3,185 | 3, 539 | 5,334 | 1,101 | 3,285 | 5,617 | 2,362 |
| 1899. | 22 | 2,047 | 2,666 | 3,893 | 613 | 3,421 | 6,006 | 2,585 |
| 1889. | 27 | 1, 696 | 1,085 | 1,941 | 474 | 935 | 2,194 | 1,259 |
| 1879. | 37 | 2,219 |  | 2,115 | 536 | 3,209 | 4,668 | 1,369 |
| 1869 | 75 | 2,556 | 808 | 1,522 | 617 | 1,180 | 3,540 | 2,360 |
| 1859 | 75 | 1,252 |  | 302 | 179 | 230 | 699 | 469 |
| 1849 | 60 | 1,021 |  | 109 | 155 | 138 | 428 | 290 |

MATS AND MATTING, FROM COCOA TIBER, GRASS, AND COIR.

| Unitcd States. |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

MATTRESSES AND SPRING BEDS, NOT ELSEWHERE SPECIFTED.

${ }^{1}$ Tucludes: Californla, 2 ostablishmonts; Georgia, 1 ; llinois, 2 Incliana, 1; Musuchusetts, $1 ;$ Michigan, 1; Minnesota, 2; New Jersey, 1; Now York, 2; Ohio, 3; Ponusylvania, 2; Wnshington, 1; West Virginia, 1; Wisconsin, 1. Tho details for theso states are not shown, to avold tho possibility of disclosure of individual operations.
2 Includes: Michigan, 2 establishments; Minnosota, 1; Now York, 2; Pennsylvania, 2,

TABLE 225.-SUMMARY FOR INDUSTRTES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| gear and state. | Number of estab-lishments. | Wage earners (average numb | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

MATTRESSES AND SPRING BEDS, NOT ELSEWHERE SPECIFIED-Continued.

| States, 1910-Contimued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mississippi | 7 | 39 | 120 | $\$ 96$ | \$28 | \$130 | \$208 | \$78 |
| Missouri.- | 28 | 3.18 | 769 | 1,028 | 377 | 1,401 | 2,407 | 1,006 |
| Nebraska | 7 | 93 | 181 | 373 | 91 | , 396 | 661 | ${ }^{2} 265$ |
| Now Jorsey | 35 | , 259 | 526 | 1,213 | 307 | 1,135 | 1,875 | 740 |
| Now York. | 224 | 1,636 | 2,170 | 6, 815 | 2, 147 | 7, 898 | 13, 473 | 5,575 |
| North Carolina | 17 | 159 | . 233 | 546 | 129 | 773 | 1,189 | - 416 |
| Ohio. | 40 | 553 | 1, 054 | 2, 516 | 565 | 2,595 | 4,199 | 1,604 |
| Oklahoma | 13 | 99 | 184 | 416 | 100 | 378 | 700 | 322 |
| Oregon. | 6 | 82 | 155 | 289 | 90 | 329 | 534 | 205 |
| Pennsylvania | 73 | 1,083 | 1,595 | 3,870 | 1,077 | 3,923 | 6, 343 | 2,420 |
| Rhode Island. | 10 | 68 | 101 | 191 | 73 | 250 | 397 | 147 |
| South Carolina | 8 | 33 | 78 | 76 | 20 | 107 | 162 | 55 |
| Tennessee. | 18 | 410 | 9.10 | 1,548 | 317 | 1,539 | 2,809 | 1,270 |
| Texas... | 86 | 431 | 1,029 | 1,688 | 332 | 1,756 | 2,910 | 1,154 |
| Utal. | 8 | 80 | 368 | ${ }^{2} 255$ | 78 | 258 | .446 | 188 |
| Virginia ...................... | 20 | 162 | 317 | 457 | 134 | 512 | 867 | 355 |
| Washington.................. | 12 | 226 | 726 | 658 | 278 | 731 | 1, 365 | 634 |
| West Virginia. . . . . . . . . . . . | 7 | 106 | 267 | 361 | 112 | 701 | 1, 112 | 411 |
| Wisconsin.................. | 25 | \%69 | 714 | 2,181 | 401 | 1,595 | 3,008 | 1,413 |
| All other states 1........... | 13 | 79 | 239 | 364 | 81 | 292 | 483 | 191 |

MILLINERY AND LACE GOODS, NOT ELSEWEERE SPEOIFIED. ${ }^{2}$

| United States. |  |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

[^61]TABEL 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.


MINRRAL AND SODA WATERS.

| 1919. | 5, 194 | 17,440 | 41,764: | \$102, 839 | \$16,393 | 408,600 | \$135,341 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. | 5, 183 | 15,606 | 25,184 | 53,233 | -8,864 | -86,779 | -58,401 | 31, ${ }^{1}$ |
| 1098 | 4,916 | 13,147 | 19,392 | 42, 305 : | 6,902 | 19,46B | 43, 508 | 37, 042 |
| 1034. | 3,468 | 10,879 | 12, 214 | 28,098 | 5;488 | 10,002 | 3, 251 | 20, 249 |
| 1890 | 2,763 | ${ }^{8} 788$ | 8,037 | 19, 727. | 4,083 | 8,565 | 23, 209 | 14, 704 |
| 1899. | 1,377 | 6,919 | 3,008: | 10,782. | 2,780 | 4,563 | 14, 354 | 9,791 |
| 1879 | 512 | 2,726 |  | 2,570 | 1,088 | 2,118 | 4,742 | 2, 624 |
| 1889. | 387 | 2,383 | 188 | 3,462 | 924 | 1,688 | 4,222 | 2,684 |
| 1848 3. | 64 | 589 |  | . 229 | 154 | . 814 | 1,4100 | ${ }_{4} 9016$ |
| States, 1010. |  |  |  |  |  |  |  |  |
| Alabama. | 129 | 713 | 1,101 | 2,416 | 499 | 2,688 | 5,322 | 2,634 |
| Arizona.. | ${ }^{26}$ | 51 | 115 | 189 | 56 | 155 | 322 | 187 |
| Arkansas. | 70 | 299 | 514 | 1; 101 | 201 | 851 | 1,070 | 819 |
| Calirornia | 195 | 468 | 1,617 | 3,567 | 647 | 1,713 | 3,518 | 1,805 |
| Colorado | 48. | 140 | 198 | 815 | 124 | , 506 | 1,016 | 420 |
| Oonnecticu | 111 | 224 | 429 | 1,297 | 229 | 675 | 1,416 | 741 |
| Delaware | 12 | 29 | 55. | 216 | 32 | 115 | 220 | 105 |
| District of Oolum | 11 | 82 | 118 | 323 | 73 | 285 | 644 | 879 |
| Florida. | 100 | 431 | 5640 | 1,305 | 279 | 1,505 | 2,690 | 1,185 |
| Georgi | 106 | 974 | 2, 494 | 3,655 | 783 | 4, 331 | 8,484 | 4, 158 |
| Idaho- | 16 | 33 | 209 | 343 | 33 | 195 | 320 | 125 |
| Indiana | 275 | 719 | 1,471 | 4,542 | 770 | 2,388 | 5,232 | 2,843 |
| Iowa.. | 108 | 207 | 1,416 | ${ }^{2}, 56{ }^{\text {a }}$ | 190 | 1,711 | 3,097 | 1;386 |
| Kansas. | 68 | 127 | 312 | :561 | 99 | 821 | 1,717 | 800 |
| Kentucky | 98 | 297 | 869 | 1;10.1 | 231 | 1,052 | 2,095 | 1,048 |
| Lauislana | 79 | 440 | 295 | 1,520: | 255 | 1,403 | 2,777 | 1,374 |
| Maino. | 47 | 100 | 230 | 40 S | 95 | 525 | 818 | 205 |
| Maryland | 63 | 223 | 430 | 905 | 281 | 857 | 1,784 | 827 |
| Massachus | 172 | 708 | 1,849 | 4, 170 | 818 | 4,080 | 8,177 | 4,097 |
| Michigan. | 131 | 602 | 1,921 | 4, 667 | 772 | 2,865 | 5,467 | 2, $0^{601} 2$ |
| Minnesot | 112 | 213 | 357 | 1,340 | 198 | 793 | 1, 644 | 761 |
| $\frac{\text { Mississip }}{\text { Missouri }}$ | 68 | 440 | 1,148 | 2,744 | 289 | 1,709 | 8,833 | 1,624 |
| Missouri | 178 | 476 | 1,098 | 2, 054 | 390 | 1,542 | 3,608 | 2,058 |
| Nebrask | 31 | 108 | 11.5 | 290 | 67 | 197 | 377 | 180 |
| Nevada. | 11 | 10 | 58 | ${ }_{47}$ | 14 | 32 | ${ }^{62}$ | 426 |
| New Hamp | 31 | 85 | 225 | 669 | 81 | 273 | 570 | 297 |
| New Jersey | 170 | 459 | 791 | 1,993 | 502 | 1,424 | 2,763 | 1,339 |
| New Mraxic | 20 | 44 | 167. | 179 | 36 | 67 | 156 | 89 |
| Naw York | 430 | 1,707 | 2,690 | 12, 529 | 1,778 | 6,280 | 11,881. | 5,651 |
| North Carolin | 137 | 681 | 1,198 | 2; 272 | 535 | 2,803 | 5,435 | 2,682 |
| North Dakota | 22 | 81 |  |  | 34 | 198 | - 389 | 191 |
| Ohio.... | $\begin{array}{r}217 \\ 78 \\ \hline\end{array}$ | 867 156 | 2,199. | 4, 410 | 980 | 8,254 | 6, 769 | 5,515 |
| Oregon | 33 | 109 | 1,097 | 1; 488 | 139 | ${ }_{661}^{606}$ | 1,292 | ${ }^{742}$ |
| Pennsylva | 521 | 1,115 | 2,699 | 6, 585 | 1,151 | 4,060 | 7,826 | 3,766 |
| Rhode Island | 42 | 134 | 171 | ${ }^{6} 50$ | ${ }^{1} 10$ | , 368 | 709 | 401 |
| South Carolina | 131 | 644 | $\cdots 907$ | 2; 040 | - 189 | 2,834 | 5, 350 | 2,516 |
| South Dakota. | 28 | 53 | 180 | 132 | 53 | 197 | 382 | 185 |

[^62]MCTneral water and pop.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1010-Continued


MINERAL AND SODA WATERS-Contimued.

| States, 1010-Contimued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tennessec. | 80 | 479 | 1,205 | \$1,493 | \$319 | \$1.801 |  |  |
| Texas. | 258 | 880 | 3,470 | 5,087 | 831 | $\$ 1.801$ 3.330 | \$3,942 | \$2,141 |
| Utah.. | 23 | 63 | 107 | ${ }^{2} 211$ | 83 | 3,336 | 6,360 | 3,024 |
| Vermont | 15 | 31 | 137 | 192 | 27 | 253 | 484 | 231 |
| Virginia. | 100 | 427 | 1,228 | 3,282 | 393 | 2,426 | 4213 | 93 |
| Washington. | 53 | 123 | 431 | 3, 871 | 166 | 2,426 671 | 4,340 1,256 | 1,914 |
| West Virginlt. | 74 | 247 | -854 | 1,539 | 255 | 971 907 | 1,256 1,764 | 585 |
| Wisconsin. | 182 | 468 | 1,047 | 10,873 | 453 | 2,098 | 1,764 4,904 | 857 2,806 |
| Wyoming. . . . . . . . . . . . . . . | 17 | 12 | 1, 41 | 1, 123 | -14 | 2,098 50 | 4,904 120 | 2,806 70 |

MINERALS AND EARTHS, GROUND OR OTHERWISE TREATED.


MIRRORS, FAAMED AND UNFRAMED, NOT ELSEWEERE SPEOIFIED.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 186 | 2,599 | 4, 328 | \$0,322 | \$2,819 | \$12,499 | \$20, 831 | \$8,332 |
| 1914. | 182 | 3, 184 | 4, 473 | 6,517 | 1,968 | 6,014 | 10, 189 | -4,175 |
|  | 148 | 2,994 | 3, 862 | 4,890 | 1,763 | 5,905 | 9,571 | 3,666 |
| 1899. | 119 | 2, 649 | 2,795 | 3,859 | 1,375 | 4,587 | 7,605 | 3,018 |
| 1889. | 108 | 2, 000 | 2,388 | 3,184 | 1,232 | 4,996 | 8,004 | 3,008 |
| 1879. | 7 | 1,77 | 683 | 1.150 | ${ }_{4}^{84}$ | 3,214 | $\begin{array}{r}6,001 \\ \hline\end{array}$ | 2,727 |
| 1809. | 11 | 206 | . $25^{\circ}$ | 229 | 107 | 197 | 480 | 292 |

[^63]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE TOR THE UNITED STATES,

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

MIRRORS, FRAMED AND UNFRAMED, NOT ELSEWHERE SPECIFIED-Continued.

| States, 1919. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| California. | 12 | 50 | 111 | \$133 | 877 | 8200 | \$361 | 8161 |
| Inlinois.. | 12 | 223 | 407 | 962 | 274 | 1,121 | 1,791 | 670 |
| Indiana. | 6 | 71 | 161 | 249 | ${ }_{7} 9$ | 436 | ${ }^{6} 688$ | 232 |
| Massachusetts. | 6 | 77 | 177 | 212 | 79 | 167 | 471 | 304 |
| Missouri. | 8 | 54 | 130 | 00 | 60 | 188 | 329 | 141 |
| New Jersey | 8 | 82 | 119 | 248 | 70 | 165 | 307 | 142 |
| New York. | 57 | 840 | 1,117 | 3,050 | 1,112 | 4, 3.13 | 7,393 | 3,050 |
| North Carolina | 4 | 137 | 350 | 288 | 113 | 901 | 1,577 | ${ }^{676}$ |
| Ohio. | 10 | 243 | 312 | 439 | 148 | 711 | 1,099 | 388 |
| Pennsylvania | 18 | 293 | 358 | 1,224 | 270 | 1, 231 | 2,053 | 822 |
| Tennessee.. | 4 | 53 | 149 | 724 | 53 | 458 | 651 | 193 |
| Texas... | 3 | 6 | ${ }_{4}^{4}$ | 7 | 0 | 13 | 25 | 12 |
| Virginia... | 4 | 76 | 109 | 172 | 31 | 220 | 306 | 77 |
| Wisconsin....... | ${ }_{7}^{7}$ | ${ }^{68}$ | 320 | 1369 | 87 369 | -3178 | 714 | 317 |
| All other states ${ }^{1}$ | 27 | 326 | 504 | 1,160 | 309 | 1,939 | 3,086 | 1,147 |

MODELS AND PATTERNS, NOT INCLUDING*PAPER PATTERNS.


[^64]TABLE 225.-SUMMARY FOR TNDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage earners number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

## MOTORCYCLES, BICYCLES, AND PARTS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 51 | 10,886 | 14, 806 | \$35, 302 | \$12,763 | \$25, 986 | \$53, 106 | \$27,120 |
| 1914. | 78 | 6, 680 | 8,753 | 18, 135 | 4,739 | 10,928 | 22, 234 | 11, 306 |
| 1909. | 95 | 4,437 | 5,932 | 9, 780 | 2,908 | 5,083 | 10,699 | 5, 016 |
| 1904. | 101 | 3,319 | 5,730 | 5,883 | 1,971 | 2,628 | 5,153 | 2,525 |
| 1899. | 312 | 17,525 | 19,847 | 29,784 | 8,190 | 10,792 | 31, 916 | 15, 124 |
| 1889. | 27 | 1,797 | 1,558 | 2, 058 | 982 | 719 | 2,568 | 1, 849 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Illinois.. | 7 | 1,082 | 1,370 | 2,457 | 1,329 | 1,973 | 4, 852 | 2,879 |
| Indiana. | 5 | 439 | 805 | 1,513 | 512 | 1,837 | 2,968 | 1,131 |
| Massachusetts. | 8 | 3,000 | 3,050 | 10, 154 | 3,238 | 8,409 | 16,000 | 7,591 |
| New York. | 7 | 674 | 1,017 | 1,796 | 855 | 1,51.5 | 2,865 | 1,350 |
| Ohio........ | 9 | 2,480 | 4,289 | 8, 747 | 3,339 | 5, 130 | 10, 874 | 5,744 |
| Pennsylvania. | ${ }^{4}$ |  |  |  | 345 | 861 | 1,305 | 444 |
| All other states ${ }^{1}$. | 11 | 2,901 | 4,010 | 10, 222 | 3,145 | 6,261 | 14,242 | 7,981 |

MUCILAGE, PASTE, AND OTHER ADHESIVES, NOT ELSEWHERE SPECIFIED.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 127 | 803 | 3,242 | \$7,133 | \$850 | \$7,093 | \$11,230 | \$1, 137 |
| 1914. | 127 | 700 | 2,456 | 3,550 | 399 | 3,338 | 5,695 | 2,357 |
| 1909. | 127 | 538 | 2,335 | 2,717 | 286 | 3,283 | 4,918 | 1,635 |
| 1904. | 111 | 470 | 1,505 | 2, 430 | 237 | 2,301 | 3,556 | 1,255 |
| 1899. | 116 | 458 | 1,426 | 1,220 | 193 | 1,613 | 2,556 | 948 |
| 1889. | 55 | 309 | 887 | 749 | 120 | 755 | 1,277 | 522 |
| 1879. | 4 | 9 |  | 3 | 3 | 9 | 17 | 8 |
| 1869. | 7 | 21 | 18 | 22 | 9 | 82 | 126 | 44 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 5 | 13 | 34 | 107 | 13 | 89 | 162 | 73 |
| Illinois. | 13 | 103 | 363 | 489 | 97 | 706 | 1,174 | 468 |
| Indiana. | 5 | 17 | 242 | 194 | 17 | 61 | 78 | 17 |
| Massachusetts | 21 | 120 | 936 | 1,177 | 131 | 1,675 | 2,667 | 992 |
| Missouri. | 6 | 27 | 106 | 180 | 37 | 350 | 530 | 180 |
| New York | 25 | 289 | 983 | 3,639 | 344 | 2,522 | 3,923 | 1, 401 |
| Ohio.. | 12 | 53 | 94 | 216 | 44 | 293 | 470 | 177 |
| Pennsylvania. | 18 | 117 | 267 | 740 | 107 | 771 | 1,294 | 523 |
| All other states ${ }^{2}$. | 22 | 64 | 214 | 391 | 60 | 626 | 932 | 308 |

MUSIOAX INSTRUMENTS AND MATERIALS, NOT ELSEWHERE SPECIFIED.


Tncludes: Conneaticat, 3 establishments; Michigan, 2; Washington, 1; Wiseonsin, 5
2 Includes: Oonnecticut, 1 establishment; Iowa, 1; Maine, 1; Maryland, 1; Michigan, 3; Minnesota, 4; Nebraska, 1; New Jersey, 5 ; Texas, 1; Washington, 2; Wisconsin, 2.
${ }^{3}$ Musical instruments not specified.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (averagenumber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

MUSICAL INSTRUMENTS AND MATERIALS, NOT ELSEWHERE SPECIFIED-Continued.

| States, 1919. |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

MUSICAL INSTRUMENTS, ORGANS. ${ }^{2}$

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 68 | 1,941 | 3,251 | \$6,771 | \$1,979 | \$2,217 | \$5, 173 | \$3,756 |
| 1914. | 85 | 3,063 | 3,666 | 8,042 | 1,993 | 2,660 | 6,297 | 3, 637 |
| 1909. | 86 | 2,383 | 3,334 | 4,554 | 1,429 | 1,723 | 4,746 | 3,023 |
| 1904. | 94 | 3, 623 | 4,085 | 7,204 | 2,035 | 2,069 | 6,042 | 3,973 |
| 1859. | 60 | 716 |  | 603 | 343 | 326 | 972 | 640 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Illinois.. | 10 | 273 | 425 | 925 | 208 | 342 | 809 | 527 |
| Massachusetts. | 5 | 141 | 167 | 472 | 161 | 132 | 445 | 313 |
| New York | 16 | 268 | 384 | 692 | 289 | 187 | 683 | 496 |
| Ohio...... | 6 | 53 | 69 | 155 | 67 | 93 | 233 | 140 |
| Pennsylvania. | 7 | 79 | 214 | 269 | 82 | 95 | 224 | 129 |
| Wisconsin..... | 4 | 68 | 68 | 380 | 81 | 83 | 250 | 167 |
| All other states ${ }^{3}$. | 20 | 1,050 | 1,924 | 3,878 | 1,031 | 1,285 | 3,269 | 1,984 |

MUSICAL INSTRUMENTS, PIANOS. ${ }^{4}$

| United States. 1019................ | 191 | 22,957 | 28,732 | \$116, 107 | \$25,474 | \$54, 365 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. | 255 | 23, 877 | 25, 981 | 101, 746 | 15,705 | 29, 091 | 62,775 | \$32, 388 |
| 1909 | 294 | 25, 497 | 23, 246 | 81,544 | 15,737 | 32, 819 | 66, 569 | 33,750 |
| 1904. | 249 | 21,002 | 17,467 | 49,649 | 12,170 | 19,588 | 46,022 | 27, 334 |
| 1859. | 110 | 3,482 |  | 3,644 | 1,930 | 1,728 | 5,261 | 3,583 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Connecticut. | 5 | 608 | 857 | 3,112 | 645 | 1,483 | 2,506 | 1,023 |
| Illinois.. | 33 | 6,991 | 8,421 | 42,008 | 7,655 | 12,055 | 30, 818 | 17,803 |
| Indiara. | 8 | 1,432 | 2,184 | 4,878 | 1,579 | 3,376 | 6,078 | 3, 002 |
| Massachuse | 14 | 2,228 | 2,502 | 8,545 | 2,703 | 3,424 | 8,123 | 4,609 |
| Michigan. | 8 | $1{ }^{1} 122$ | 1,767 | 7,883 | 1,170 | 2, 823 | 5,397 | 2,574 |
| Now Jersey | 6 | 713 | 1,440 | 1, 903 | 723 | 1,183 | 2,205 | 1,022 |
| Now York | 79 | 6,908 | 6,784 | 33,858 | 8,085 | 22,040 | 37,079 | 15, 980 |
| Ohio.. | 10 | 787 | 935 | 3,055 | 748 | 1,930 | 3,476 | 1,516 |
| Pennsylvania | 11 | 774 | 1,555 | 3,715 | 760 | 1,750 | 3,023 | 1, 278 |
| Wisconsin. | 7 | 448 | 582 | 2,183 | 438 | 1,484 | 2,070 | 1,186 |
| All other states ${ }^{\text {b }}$ | 10 | 046 | 1,705 | 4,974 | 973 | 1,887 | 3,883 | 1,996 |

[^65]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| gear and state. | Number of estab)-Lishments. | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

MUSICAL INSTRUMENTS, PIANO AND ORGAN MATERIALS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 113 | 11,009 | 15, 821 | \$32,324 | \$10, 467 | \$16,693 | \$36,790 | \$20,097 |
| 1914. | 138 | 10,616 | 14,702 | 21, 201 | 5,655 | 9,502 | 19,876 | 10,374 |
| 1909. | 127 | 10, 140 | 15, (043 | 17, 137 | 5,596 | 9,223 | 18,475 | 9,252 |
| 1904. | 101 | 8,456 | 8,582 | 11, 629 | 4,322 | 6,330 | 13,128 | 6,798 |
| Stutes, 1019. |  |  |  |  |  |  |  |  |
| Comnecticut. | 0 | 1,291 | 1,028 | 3,973 | 1,097 | 1,957 | 4,267 | 2,310 |
| Illinois. | 9 | 1,311 | 1,629 | 2,478 | 1,190 | 2,241 | 4,538 | 2,297 |
| Massachusett | 21 | 1,581 | 1,793 | 3,708 | 1,527 | 2,252 | 4,774 | 2,522 |
| New Jersoy. | 11 | 758 | 755 | 1,858 | 629 | 873 | 2, 822 | 1,949 |
| Now York | 36 | 4, 141 | 5,421 | 13, 476 | 3,993 | 6,409 | 13,509 | 7,160 |
| Ohio.. | 6 | 980 | 1,743 | 2, 814 | 1,029 | 1,101 | 3,088 | 1,987 |
| Pennsylvania.. All othor states | 19 | 119 828 | 2,651 | 450 3,567 | 133 863 | 1012 1,548 | 551 3,181 | 1,633 |
|  |  |  |  |  |  |  |  |  |

NEEDLES, PINS, AND HOOKS AND EYES.


NETS AND SEINES.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919 a. | 19 | 859 | 959 | \$4,158 | \$561 | \$3,648 | \$5,114 | \$1,466 |
| 1914. | 1.5 | 1,058 | 1,940 | 2,078 | 379 | 2, 257 | 3,088 |  |
| 1909. | 1.3 | 954 | 1, 458 | 2,408 | 290 | 1,378 | 1,898 | 520 |
| 1904.. | 12 | 824 | 260 | 2, 043 | 244 | 1,141 | 1,725 | 584 |
| 1890. | 10 | 748 | 266 | 1, 161 | 222 | 866 | 1,476 | 610 |
| 1889. | 22 | 018 | 267 | 1,136 | 190 | 635 | 1,002 | 367 |
| 1879. | 13 | 210 |  | 141 | 54 | 180 | 292 | 112 |
| 1869. | $\theta$ | 80 | 20 | 101 | 21 | 105 | 157 | 52 30 |
| 1859 1. | 8 | 64 |  | 18 | 10 | 23 | 53 | 30 |

[^66]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR TEE UNITED STATES,


OIL AND CAKE, COTTONSEED.


OIL, ESSENTIAL.


[^67]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{gathered} \text { Num- } \\ \text { ber of } \\ \text { estah- } \\ \text { lish- } \\ \text { ments. } \end{gathered}$ | Wage earners (average ber). | Primary horsepower. | Capital. | Wages. | ${ }_{\text {- }}^{\text {Cost of }}$ | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expr | ssed in th | asands. |  |

OLL, IINSEED.


OIL, NOT ELSEWHERE SPECIFIED.


[^68]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| YEAR AND STATE. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sed in tho | asands. |  |

OILCLOTH AND LINOLEUM, FLOOR.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 21 | 5,414 | 23,509 | \$49,804 | \$0,518 | \$30,369 | \$52,673 | \$22,304 |
| 1914. | 18 | 4,428 | 18,782 | 20, 292 | 2, 2004 | 11, 252 | 17,602 | 6,350 |
| 1909 | 19 | 4,225 | 14, 158 | 14, 722 | 2,309 | 10, 145 | 15, 813 | 5,688 |
| 1904. | 16 | 3,355 | 8,703 | 10, 108 | 1,720 | 6,779 | 10,388 | 3,609 |
| 1899. | 18 | 2,718 | 6,421 | 7, 176 | 1,327 | 4,853 | 7, 807 | 2, 954 |
| 1889. | 19 | 1,521 | 1,959 | 3,704 | 746 | 2,380 | 3,878 | 1,498 |
| 1879. | 25 | 1,735 |  | 3,430 | 733 | 3,119 | 4,753 | 1,634 |
| 1869. | 34 | 1,411 | 424 | 2,237 | 687 | 2,549 | 4,212 | 1,683 |
| States, 1919. |  |  |  |  |  |  |  |  |
| New Jersey | 10 | 2,136 | 8,844 | 21,287 | 2,656 | 12,784 | 21,689 | 8,905 |
| Ponnsylvania. | 5 | 2,549 | 11, 871 | 21, 256 | 3, 0105 | 11, 873 | 22, 806 | 10,938 |
| All other states ${ }^{1}$ | 6 | 729 | 2,794 | 7,261 | 707 | 5,712 | 8,178 | 2,406 |

OILCLOTH, ENAMELED.


OLEOMARGARINE AND OTHER BUTTER SUBSTXTUTES.


[^69]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES TOR 1919-Continued.

| - year and state. | Number of estab-lishments. | Wage eamers (average number). | Primary horsepower. | Capital. | Wages. | Cost of | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | ssed in tho | sands. |  |

OPTICAL GOODS.

| Urited States. |  |  |  |  | \$14,388 | \$17,785 | \$53,718 | \$35,933 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1019. | 506 | 14,723 | 15,710 | \$37,740 | \$14,388 | \$17, 606 | +18,188 | -11,582 |
| 1914. | 314 | 7,919 | 7,792 | 17, 147 | 4,649 3,394 | 6,018 4,187 | 11,735 | 7,548 |
| 1909. | 217 | 6,398 4,330 | 5,725 3,410 | 10, 54.38 | 3,394 1,923 | 4,187 2,320 | 11, 6,117 | 3,797 |
| 1904. | 122 | 4,380 3,715 | 3, 2,544 | 4,212 | 1,599 | 2,101 | 5,211 | 3,110 |
| 1899. | 191 | 3,715 2,507 | $2,84 \pm$ 804 | 2, 2,608 | 1,010 | 1,324 | 3,506 | 2,182 |
| 1889. | 62 | 1,088 |  | - 644 | -451. | - 417 | 1, 182 | 765 |
| 18691. | 32 | 261 | 53 | 186 | 134 | 184 | 433 | 249 |
| States, 1010. |  |  |  |  |  |  |  |  |
| Arkancas. | 7 | 9 | 9 | 24 | 14 | 16 | 62 | 46 |
| California | 20 | 127 | 85 | 331 | 140 | 180 | 550 | 370 |
| Colorado. | 6 | 56 | 39 | 102 | 63 | 110 | 248 | 136 |
| Connecticat. | 8 | 79 | 79 | 143 | 68 | 94 | 283 | 189 |
| Distriet of Columbin | 4 | 12 | 8 | 13 | 19 | 18 | 51 | 33 |
| Georgia. | 7 | 65 | 44 | 87 | 81 | 182 | 335 | 153 |
| Illinots.. | 22 | 376 | 154 | 1,039 | 395 | 1, 208 | 2,650 | 1,442 |
| Indiana | 16 | 336 | 230 | 762 | 296 | 473 | 1, 212 | 739 |
| Towa.. | 9 | 71 | 31 | 229 | 55 | 110 | 350 | 240 |
| Kansas. | 4 | 18 | 18 | 43 | 14 | 35 | 119 | 84 |
|  | 8 | - 52 | 26 | 116 | 43 | 100 | 257 | 157 |
| Maino.. | 4 | 14 | 8 | 24 | 17 | 35 | 75 | 40 |
| Maryland | 6 | 65 | 28 | 413 | 66 | 108 | 396 | 228 |
| Massachusotits. | 29 | 4,082 | 4, 887 | 8,636 | 3,437 | 3,406 | 12,038 | 8, 632 |
| Michigan. . | 11 | 195 | 164 | 513 | 183 | 362 | 1,009 | 647 |
| Minnesota. | 11. | 83 | 47 | 321 | 84 | 302 | 616 | 314 |
| Missduri... | 8 | 210 | 153 | 2,718 | 193 | 654 | 1,404 | 750 |
| Nebraska. | 7 | 57 | 29 | 377 | 60 | 184 | 423 | 239 |
| New Jorsey | 18 | 254 | 105 | 442 | 240 | 420 | 952 | 532 |
| Now York. | 101 | 0,130 | 8, 165 | 15,070 | 6,744 | 5, 215 | 20,099 | 14,884 |
| North Carolina. | 6 | 14 | 10 | 39 | 12 | 22 | 57 | 35 |
| Ohio.. | 31 | 305 | 176 | 978 | 371 | 806 | 1,885 | 1,079 |
| Pennsylvania | 58 | 1, 021 | 730 | 2,621 | 868 | 1,8.1. | 4, 172 | 2,361 |
| Rhode island. | 5 | 473 | 155 | 1,048 | 378 | 661 | 1,424 | 763 |
| South Carolina | 5 | 44 | 10 | 100 | 41 | 61 | 140 | 79 |
| South Dakota. | 8 | 10 | 9 | 25 | 14 | 36 | 75 | 39 |
| Tonnessee... | 15 | 89 | 42 | 170 | 71 | 157 | 438 | 281 |
| Texas.... | 18 | 105 | 59 | 441 | 100 | 197 | 649 | 452 |
| Virginia. | 9 | [. 89 | 64 | 13. | 82 | 123 | 338 238 | 136 |
| Washington | 10 | 4 | 26 | 102 | 21 | 102 | 112 | 72 |
| West Virginia.... | 9 9 | 15 163 | 95 | 5 | 181. | 497 | 1,068 | 571 |
| All othor states ${ }^{2}$. | 25 | 163 | 96 | 508 | 18. | 4 | 1,008 |  |

ORDNANCE AND ACCESSORIES.

| $\begin{array}{r} \text { United State } \\ \text { 1919.................... } \end{array}$ | 26 | 11,328 | 40,652 | \$85,309 | \$15,557 | \$26,593 | 869,496 | \$42,003 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | 5,336 | 11,697 | 6,361 |
| Conneaticut... | 4 | 1,805 | 7,900 | 22,601 | 2,790 | 6,428 | 18, 347 | 11, 919 |
| All other states | 18 | 8,080 | 27, 670 | 4.6, 720 | 10,906 | 14,829 | 39,452 | 24, 623 |

[^70]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES,

| yEAR AND State. | $\left\|\begin{array}{l} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{array}\right\|$ | Wage earners (average numl- | Primary horsepower. | Capital. | Wages. | Cost of | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sed in thou | sands. |  |

PaInts.


PAPER AND WOOD PUXP.


[^71] Kansas, 5 ; Louisiana 2; Malne, 1; Now Moxico, 1 ; North Carolima, 1; Oklahoma, 1; Oregon, 2; Rhode Istand, 4 ; South Caroina, 1; Utah, 2,

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

PAPER AND WOOD PULP-Continued.

| States, 1910-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Massachusetits. | 78 | 12,960 | 145,323 | \$88,303 | \$14,642 | \$53, 764 | \$87, 160 | \$33,398 |
| Michigan. | 39 | 9,561 | 95, 729 | 53, 681 | 11,177 | 40,353 | 66,300 | 25,947 |
| Minnesota. | 9 | 2,523 | 56,106 | 24, 635 | 2,994 | 11,409 | 20, 139 | 8,730 |
| New Hampshi | 27 | 5,000 | 123,929 | 51, 603 | 6,546 | 24, 834 | 41, 826 | 16,992 |
| New Jersey | 33 | 3,108 | 32,948 | 20,886 | 3,722 | 11,996 | 20, 361 | 8,365 |
| New York. | 156 | 17,571 | 415,308 | 167,111 | 22, 114 | 76,954 | 129,381 | 52,427 |
| Ohio.... | 49 | 6,889 | 64,420 | 74, 498 | 8,094 | 35,710 | 55, 098 | 19,388 |
| Pennsylvani | 56 | 9,843 | 83,510 | 63,882 | 12,459 | 35, 643 | 64,716 | 29,073 |
| Vermonl. | 20 | 1,832 | 42,084 | 15, 314 | 2,144 | 6,564 | 10,863 | 4,299 |
| Virginia... | 10 | 1,951 | 15,367 | 12,882 | 1,958 | 7,796 | 13,602 | - 5,806 |
| Washington................... | 6 | 1,610 | 31,809 | 12,049 | 2,174 | 5,062 | 10,653 | 5,591 |
| West Virginia | 9 | -956 | 12,136 | 4,436 | 995 | 3,300 | 4,888 | 1,588 |
| Wisconsin... | 57 | 12,789 | 237,239 | 92,269 | 14,011 | 45,201 | 80,328 | 35, 127 |
| All other states | 23 | 4,730 | 85,738 | 29,321 | 5,497 | 12,416 | 23,726 | 11,310 |

PAPER GOODS, NOT ELSEWHERE SPEOIFIED.

| Lnited States. |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

PAPER PATTERNS.


[^72]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR TEE UNITED STATES, BY STATES FOR 1919-Continued.

| YeAR AND STATE. | Num- <br> ber of estab-lishments. | $\begin{gathered} \text { Wage } \\ \text { earners } \\ \text { (average } \\ \text { num- } \\ \text { ber). } \end{gathered}$ | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value <br> added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expr | ssed in tho | usands. |  |

PATENT MEDICINES AND COMPOUNDS.

| U'nited Statcs. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 2,467 | 17,444 | 25,677 | \$143, 499 | \$13,749 | \$85, 819 | \$212, 162 | \$123, 343 |
| 1914 | 2,903 | 13,328 | 18,542 | 71, 437 | 6,675 | 35, 940 | 102, 103 | 66, 523 |
| 1909. | 2, 838 | 11,030 | 14,704 | 55, 387 | 4,744 | 26, 895 | 83, 771 | 56, 870 |
| 1904 | 2,245 | 10,980 | 10,092 | 45,612 | 4,352 | 21, 290 | 74,521 | 53, 228 |
| 1899 | 1,719 | 11,603 | 8,223 | 36, 678 | 4,334 | 13,000 | 58,988 | 40,988 |
| 1889. | 1,127 | 7,058 | 2,928 | 18, 997 | 2,955 | 11,031 | 32, 620 | 21,589 |
| 79 | 563 | 4,025 |  | 10,621 | 1,652 | 6,705 | 14, 682 | 7,977 |
| 1869 | 319 | 2,436 | 497 | 6,608 | 1,018 | 7,320 | 16, 258 | 8,938 |
| 1859 | 173 | 1,059 |  | 1,977 | 372 | 1,402 | 3,466 | 1,974 |
| 1849 | 143 | 827 |  | 1,427 | 276 | 1,658 | 3,508 | 1,850 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 22 | 43 | 15 | 190 | 26 | 104 | 297 | 193 |
| Arkansas | 23 | 53 | 20 | 98 | 45 | 107 | 258 | 151 |
| California | 90 | 276 | 597 | 1,914 | 248 | 1,001 | 2,383 | 1,382 |
| Colorado. | 25 | 39 | 27 | 1227 | 30 |  | 2682 | 167 |
| Connecticut | 26 | 162 | 184 | 1,278 | 159 | 360 | 1,985 | 1,025 |
| District of Colum | 15 | 50 | 102 | 159 | 26 | 100 | 481 |  |
| Florida. | 24 | 58 | 34 | 562 | 35 | 387 | 738 | 351 |
| Georgia. | 43 | 167 | 122 | 909 | 91 | ${ }^{693}$ | 2,888 | 2,195 |
| milinois. | 208 | 1,599 | 2,642 | 16,991 | 1,217 | 11,254 | 25, 305 | 14, 141 |
| Indiana | 83 | 420 | 469 | 1,760 | 328 | 1,383 | 4,481 | 3,098 |
| Iowa.. | 90 | 393 | 864 | 4,216 | 332 | 1,954 | 6,341 | 4,305 |
| Kansas. | 27 | 41 | 46 | 1,090 | 33 | 185 | 513 | 328 |
| Kentucky | 28 | 228 | 296 | 1,513 | 128 | 686 | 2, 200 | 1,523 |
| Louisiana | 17 | 111 | 24 | 419 | 51 | 3.15 | 780 | 471 |
| Maine... | 19 | 30 | 27 | 228 | 20 | 114 | 313 | 199 |
| Maryland | 55 | 699 | 1,210 | 5,181 | 525 | 4,786 | 8,578 | 4,092 |
| Massachuse | 97 | 604 | 1,196 | 5,384 | 530 | 3,057 | 9, 108 | 6,051 |
| Michigan.. | 70 | 1,392 | 1, 026 | 6,628 | 1, 204 | 4,213 | 0,948 | 5,735 |
| Minnesota | 51 | 461 | 2,234 | 7,940 | 295 | 2,722 | 6,303 | 3,581 |
| Mississippi | $\begin{array}{r}8 \\ 142 \\ \hline\end{array}$ |  |  |  | ${ }_{8}^{3}$ | 12 |  |  |
| Missouri. | $\begin{array}{r}142 \\ 4 \\ \hline\end{array}$ | 1,040 3 | $\begin{array}{r}895 \\ 8 \\ \hline\end{array}$ | 7,920 21 | 886 3 | 5,191 | 14,50.1 | 9, 100 |
| Nehraska. | 29 | 107 | 242 | 1,548 | 91 | 46.4 | 1,111 | 647 |
| New Hampshire | 8 | 11 | 5 |  | 9 | 10 | 60 | 41 |
| New Jersey | 81 | 1,021 | 1,705 | 10,097 | 830 | 5,160 | 8,548 | 3,388 |
| New York | 403 | 4,546 | 6,230 | 37,800 | 3,670 | 24, 34.1 | 57, 958 | 33, 317 |
| North Carolin | 27 | 212 | 198 | 2,001 | 152 | 1,695 | 4,384 | 3,280 |
| Ohio...... | 202 | 889 | 1,069 | 6,534 | 689 | 4,347 | 10, 861 | 6, 514 |
| Oklahoma | 17 | 64 | 23 | 393 | 31 |  |  | 235 |
| Oregon........ | 16 | 99 | 162 | 1,956 | 91 | - 580 | 1,06.4. | 484 |
| Pennsylvania | 234 | 989 | 1,632 | 7,676 | 867 | 5,012 | 11,913 | 6,301 |
| Rhode Island. | 15 | 23 | 15 | 143 | 21 |  | 215 | 129 |
| South Carolina | 8 | 11 | 6 | 61 | 6 | - 09 | 161 | 62 |
| Tennessec. | 67 | 765 | 935 | 5,167 | 405 | 3,315 | 8,275 | 4,960 |
| Texas. | 52 | 177 | 58 | 737 | 108 | 4- 817 | 1,155 | - 808 |
| Vermont. | 9 | 23 | 87 | 63 | 13 | 84 | 116 | 32 |
| Vermont | - 14 | 138 | 18 | 1,428 | 83 | 919 | 1,910 | 1,030 |
| Virginia. | 39 | 301 | 570 | 1,552 | 262 | 803 | 1, 872 | 1,009 |
| Washington. | 15 | 23 | 87 | 183 | 33 | 112 | 189 | - 77 |
| West Virginia | 9 | 12 | 2 | 82 | 1.5 | 154 | 200 | 115 |
| Wisconsin.. | 50 | 124 | 140 | 968 | 101 | 687 | 1,510 | 835 |
| All other states ${ }^{1}$. | 7 | 34 | 455 | 327 | 53 | 487 | 1,001 | 574 |

${ }^{1}$ Includes: Idaho, 2 establishments; North Dakota, 2; South Dakota, 3.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| tiar and mtate. | Number of eatab lishment: | Wage earners (average num. ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

PAVING MATERIALS. ${ }^{1}$


PEANUTS, GRADING, ROASTING, OLEANING, AND SHELLING.


[^73]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |
| PENCILS, IEAD. |  |  |  |  |  |  |  |  |
| United States. |  |  |  |  |  |  |  |  |
| 1919. | 12 | 5,970 | 8,099 | \$29,641 | \$5, 299 | \$9, 074 | \$24, 134 | \$15,060 |
| 1914. | 14 | 4,330 | 3,738 | 10, 670 | 1, 944 | 4,564 | 8,328 | 3,764 |
| 1909. | 11 | 4,134 3,065 | $\begin{array}{r}3,448 \\ 2,625 \\ \hline\end{array}$ | 7,867 4,981 | 1,712 | 3,596 1,804 | 7,379 4,426 | 3,783 |
| 1899. | 7 | 2,162 | 1,360 | 2, 227 | ${ }^{1} 683$ | 1, 031 | 2,222 | 1,191 |
| 1889. | 5 | 1,388 | 713 | 3, 101 | 450 | 796 | 1,688 | 892 |
| 1879. | 4 | 399 |  | 342 | 102 | 97 | 279 | 182 |
| 1869. | 8 | 160 | 273 | 261 | 51. | 58 | 181 | 123 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Now Jersey | 5 | 2, 842 | 3,857 | 14,787 | 2,393 | 4,778 | 10,791 | 6,013 |
| All other states ${ }^{1}$ | 7 | 3,128 | 4,242 | 14, 854 | 2,006 | 4,296 | 13,343 | 9,047 |

PENS, FOUNTAIN AND STYLOGRAPHIC.


PENS, GOLD.


PENS, STEEL.


[^74]TABLA $225-S U M M A K Y$ FOR INDUSTRLES; COMPARATIVE FOR THE UNITED BTATES, BY SDATES FOR 1019-Continued.

| year ani htate. | Numt ber of estab-Lishmunts. | Wage earners (average num- | Primary horsenower. | Capital. | Wages. | $\left\|\begin{array}{c} \text { Cost of } \\ \text { materials. } \end{array}\right\|$ | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |
| PERFUMERY AND COSMETICS. |  |  |  |  |  |  |  |  |
| Vnitrd states. |  |  |  |  |  |  |  |  |
|  | 540 | 6,405 | 2,196 | \$32, 6167 | \$3, 083 | \$26, 1.47 | \$59,613 | \$33,466 |
|  | 4,4i | 2,817 | 1,413 | 9,647 | 1, $2 \times 80$ | 7, 465 | 16, 809 | 9,434 |
|  | 429 | 2,378 | 1,376 | 6,788 | 994 | 51, 634 | 14,212 | 8,578 |
| 1904. | 202 | 2,082 | 814 | 4, 843 | 769 | 4,782 | 11, 133 | 6,351 |
| 1899. | 3 | 1,704 | 671 460 | 3,480 | 569 | 3,135 | 7,088 | 3,953 |
| 1880. | 147 | 1,3196 | 460 | 2,239 | 502 | 2, 1,201 | 4,630 2,203 | 2,502 1,002 |
| 1870. | 4 | 727 | $12{ }^{\circ}$ | 1,173 | 200 | 1,892 | 2,030 | 1,138 |
| 1889. | 33 | 638 |  | 807 | 146 | 460 | 1,222 | 762 |
| 1849...................... | 34 | 188 |  | 198 | 44 | 164 | 355 | 191 |
| Statew, 1015. |  |  |  |  |  |  |  |  |
| Callfornin. | 88 | 79 | 31 | 872 | 80 | 243 | 581 | 338 |
| Colorado. | 8 | 4 | 4 | 46 | 2 | 13 | 24 | 11 |
| Connooticut: | ${ }_{6}^{6}$ | 248 | 173 | 1,848 | 118 | 1,155 | 2,719 | 1,564 |
| Goorgia.. | 7 | 28 710 | 318 | 165 4,372 | 773 | +,167 | 8,776 | - $5,3.192$ |
| dilinols. | 70 10 | 710 | 348 | 4,372 $\times 18$ | ${ }_{21}$ | 3, 169 | 8, 297 | -128 |
| Indiana... | 10 |  | 104 | 731 | 59 | 691 | 1,240 | 549 |
| Iowa. | 4 | 114 | ${ }^{184}$ | 13 | 7 | 26 | 1, 48 | 22 |
| Kontueky... | 5 | 48 | $1{ }^{10}$ | 210 | 23 | 94 | 176 | 82 |
| Maryland. ... | 8 | 06 | 22 | 216 | 31 | 281 | 521 | 240 |
| Massachusetts. | 18 | 87 | 28 | 571 | 68 | 602 | 1,230 | 628 |
| Michigun.... | 4 | 140 | 145 | 506 | 117 | 481 | 1,092 | 611 |
| M ${ }^{\text {anmesota. }}$. | 18 | 48 | 4 | +172 | ${ }_{61}$ | 178 | $\begin{array}{r}348 \\ 1902 \\ \hline\end{array}$ | +170 |
| Missouri. | 16 | 100 | 108 | 1,080 | 61 319 | 2,190 | 1,882 | 2,642 |
| Now dersey. | 179 | 2.162 | 682 | 13,704 | 1,681 | 12, 174 | 25, 499 | 13,325 |
| Nhw Oho..... | 96 | 2, 281 | 170 | 1,778 | ${ }^{2} 213$ | 1,279 | 4,120 | 2,841 |
| Oklahoma.. | 3 | 6 | 1 | 155 | 7 | 76 | 105 | 29 |
| Pemsylvaih, | 30 | 108 | 180 | 1,203 | 122 | 830 | 1,854 | 1,024 |
| Rhode Islatid. | 4 | 2 |  |  | 2 | 7 | 16 |  |
| Tomnesser.. | 10 | 103 | 52 | 368 | 61 | 385 | 924 | - 639 |
| Toxas...... | 7 | 15 | 4 | 121 | 12 | 169 19 | 280 37 | 1\% 118 |
| Washiugton. | 8 | $7{ }^{4}$ | 20 | 387 | 35 | 276 | 780 | (1) 504 |
| Wlisoonsln. other states 1 . | 28 | 128 | 01 | 902 | 123 | 624 | 1,853 | - 1,229 |

PETROLEUM, RETINING.


1 Includes; Alabum 3 astablimmonts; Distetet of Columbia, 2 ; Florda, 2 ; Kansas, 2 ; Maine, $4 ;$ Montana,
1; Nobrasta s. Now Hampshlere 1: North Daketa, 1; Orogoni $2 ;$ Vormont, $1 ;$ Vitginta, 6 .
a Indudos: Arkansas, 1 ostailishment: Colorado, 5; Dolawaro, 1; Idaho, 1; Indiana, 3; Kontucky, 3; Maryland i; Minnesola, 1; Now York, 6; Rhodo 1sland, 1; Tomnossoo, 1; Utah, 1; Virginia, 1; West Vir-
ginla, B; Wyoming, 7.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR TME UNITED STATES, BY STATES FOR 1910-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Falue of probluets. | Vahue adtled by matitfathure. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sed in thou | mands. |  |

## PHONOGRAPHS AND GRAPHOPHONES.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 160 | 28,721 | 40, 168 | \$105, 24 | \$38, 106 | \$54,740 | \$5N, Dis | \$118,808 |
| 1914 | 18 | 9,381 | 11,688 | 33, 771 | 6,391 | 7.148 | 27, 116 | : 210,008 |
| 1909. | 18 | 5,199 | 6,371 | 14, 3143 | 2, 841 | 3, 19n) | 11,743 | 8,627 |
| 1904. | 14 | 3,307 | 2,522 | $8,7+1$ | 1,684 | 4, mit | 10, 367 | 6,076 |
| 1899. | 11 | 1,267. | 1,082 | 3,348 | 408 | 428 | 2,24 | 1,418 |
| States, 1919. |  |  |  |  |  |  |  |  |
| nllinois. | 36 | 1,919 | 1,873 | 6, 771 | 2.211 | 7, thes | 12, 841 | 5,745 |
| Indiana. | 13 | 2,178 | 2,807 | d, 767 | 1,758 | 4, (6) | 7.97 | 3,968 |
| Michigan. | 10 | 798 | ${ }^{611}$ | 2, 0109 | ${ }^{60168}$ | 1.1673 | 4,281 | 4, 888 |
| New Jersey | 15 | 12, 266 | 20, 257 | 44, 316 | 15, 512 | 20, 0,161 | 65, 120 | 34,759 |
| New York | 32 | 1,876 | 2,412 | 8,307 | 2, 095 | 9, 06.4 | 16, 832 | 7, 199 |
| Ohio. | 20 | 1,424 | 1,498 | 3, 478 | 1,787 | 2, $4,0 / 4$ | 6, ${ }^{2} 1$ | 3, 265 |
| Wisconsin | 9 | 898 | 1,046 | 3,586 | 0:4 | 1,845 | 3,481 | 2,016 |
| All other states ${ }^{1}$. | 31 | 7,362 | 0,604 | 31,322 | 8,08\% | 12.447 | 31,445 | 38, 408 |

PHOTOMENGRAVING.

| United States. |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

[^75]TABLE 225.-SUMMARY FOR TNDUSTRLES: COMPARATIVE FOR TEE UNITED STATES,
BY STATES FOR 1919-Continued.

| gear anil state. | Num her of utab lishments | $\begin{array}{\|c\|} \text { Wrage } \\ \text { earners } \\ \text { (averuge } \\ \text { numb } \\ \text { ber). } \end{array}$ | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expr | sed in thou | usands. |  |

PHOTOGRAPEIC APPARATUS.


PHOTOGRAPHIO MATERLALS. ${ }^{9}$


PIOKLES, PRISERVES, AND SAUOES.

 MInnesotth, 2; New Jarsuy, 5 ; OhIo, 1 ; Oklahoma, 1; WLsoonsla, 1 .
a No censusstatisties for this Indistry wero shown for 1869.
Includea: Colorado, 1 establishment; Iowa, 4; Kontueky, 1; Michigan, 2; North Caralina, 1; Oregon, 2;
Wisconsln, 2.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| fear and state. | Number of estab-lishments | Wage carners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

PIGKLES, PRESERVES, AND SAUCES-OOntinued.

| States, 1919. |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

PIPES, TOBACOO.


[^76]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| YEAR ANL STATE. | Number of estab-lishments. | $\begin{gathered} \text { Wage } \\ \text { earners } \\ \text { (average } \\ \text { num- } \\ \text { ber). } \end{gathered}$ | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value <br> added by <br> manlfacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sed in tho | sands. |  |

PLATED WARE.


PLUMBERS' SUPPLIES, NOT ELSEWHERE SPEOIFIED.

| Untted States. |  |  |  |  |  | \$27,797 | \$60, 055 | \$32, 258 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | ${ }_{260}^{2145}$ | 13,692 | 28,253 | -48,029 | -11,703 | 18, 670 | 43, 386 | 24,716 |
| 1909 | 262 | 19, 257 | 26,078 | 38,336 | 10,810 | 20,911 | 43,687 | 22,776 |
| 904 | 185 | 10,753 | 12, 001 | 20, 290 | 5,996 | 9,924 | 21, 542 | 11,618 |
| 1899. | 174. | 8,024 | 7,574 | 13,599 | 3,931 | 7,290 | 14,771 | 7,481 |
| 1889. | 122 | 4,947 | 3,508 | 9,678 | 2,658 | 5,854 | 11,960 | 6,106 |
| - States, 1010. |  |  |  |  |  |  |  |  |
| California. | 7 | 170 | 480 | 220 | 248 | 398 | 696 | 298 |
| Connocticut | 6 | 576 | 699 | 2,005 | 632 | 1,398 | 2,377 | 979 |
| Illinols.... | 18 | 2,096 | 4,127 | 11,588 | 2,046 | 4,696 | 10,197 | 5,501 |
| Indiana. | 6 | 503 | 1,568 | 1,584 | 528 | 1,077 | 1,935 | , 857 |
| Massachusattis | 12 | 460 | 763 | 1, 162 | 844 |  | 1,788 | 1, 1,765 |
| Michigan. | 11 | 887 | 1,938 | 2,272 456 | 874 | 1,035 | 3, 983 | +568 |
| Missouri. |  |  |  |  | 1,458 | 2,118 | 3,983 | 1,865 |
| New Jersey | $8{ }^{6}$ | $\begin{array}{r}1,076 \\ \hline 878\end{array}$ | 2,308 2,418 | 10,88 3,197 | 1,078 | 2, 800 | 4, 894 | 2, 094 |
| Ohio....... | 48 | 1,807 | 2,893 | 5,786 | 2, 024 | 3,686 | 8,083 | 4,398 |
| Penusylvania | 30 | 2, 152 | 6,209 | 10,950 | 2,789 | 4,727 | 10, 547 | 5, 820 |
| Wisconsin. | 8 | 615 | 1,379 | 2,048 | 2.902 |  |  |  |
| All other states | 22 | 2,088 | 4,522 | 8,568 | 2,902 | 2,910 | 8,828 | 6,918 |

## POCKETBOOKS.



1 Ineludes: Californit, 1 establishmont; Minols, 2; Indiana, 1; Maine, 1; Maryland, 1; New Jersey, 2; Ohlo, 1; Vrginia, 1.
${ }^{2}$ Includes: Delaware, 2 establishments; Iowa, 4; Kontucky, 2; Louisiana, 1; Maine, 1 ; Maryland, 1 ;
Now Hampshlre, 1; North Carolina, 2; Rhode Island, 2; Tennessee, 1; Texas, 2; Virginia, 1; Washington, 1:
West Virgtnia, 1.

TABLE 225.-SUMMARY FOR INDUSTRLES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Contimued.

| year and state. | Number of estab-lishments | Wago carners (average number). | Primary horscpower. | Capital. | Wages. | Cost of materials. | Valite of products. | Value added by macture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Txpres | senl in tho | mands. |  |

POCKETBOOKS $\rightarrow$ Continued.

| States, 1910. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| California. | 3 | 3 | 1 | 814 | 梙 | \$t | \$11 | 37 |
| Illinois.. | 10 | 83 | 22 | 273 | 82 | 118 | 376 | 214 |
| Massachusetts | 10 | 381 | 80 | 704 | 2407 | 617 | 1,325 | 708 |
| New York. | 93 | 1,842 | 229 | 3,366 | 2,3,37 | 5, 1812 | 11,106 | 5,174 |
| Pennsylvania | 7 | 161 | 28 | 242 | 103 | 198 | 4.3 | 255 |
| Wisconsin... | 6 | 258 | 29 | $0 \cdot 107$ | 117 | 3.16 | 726 | 309 |
| All other states | 10 | 177 | 42 | 312 | 117 | 287 | (0i3 | 206 |

POTTERY.



[^77]TABIE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| YEAR AND STATE | Number of estab-lishmonts. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

PRINTING AND PUBLISHING, BOOK AND JOB.


TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR TEE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average ner). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

PRINTING AND PUBLISHING, MUSIC.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 160 | 899 | 634 | \$8,006 | $\$ 027$ | \$2, 124 | \$14, 592 | \$12,468 |
| 1914. | 180 | 873 | 594 | 4,261 | 573 | 1,047 | 7,271 | 6, 224 |
| 1909. | 178 | 738 | 365 | 3,591 | 439 | 980 | 5, 576 | 4,590 |
| 1904. | 145 | 577 | 203 | 3,487 | 340 | 54. | 4, 148 | 3,607 |
| 1899. | 87 | 778 | 312 | 2,314 | 375 | 450 | 2,272 | 1,822 |
| 1889. | 79 | 462 | 108 | 1,816 | 224 | 401 | 1,683 | 1,282 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 4 | 5 | 7 | 7 | 7 | 11 | 60 |  |
| Illinois. | 26 | 111 | 74 | 677 | 112 | 379 | 1,212 | 833 |
| Indiana. | 4 | 3 | 2 | 5 | 3 | 1 | ${ }^{17}$ | 16 |
| Massachusetts. | 15 | 14.2 | 147 | 1,190 | 123 | 307 | 1,709 | 1,402 |
| Missouri... | 7 | 12 | 10 | 488 | 11. | $\begin{array}{r}33 \\ 1,010 \\ \hline\end{array}$ | 0286 | 253 |
| New York. | ${ }_{11}^{61}$ | 457 | 288 10 | 4, 6424 | 504 10 | 1,010 02 | 9,844 |  |
| Ohio......... | 11 | 14 .128 | 10 36 | $\begin{array}{r}424 \\ 432 \\ \hline\end{array}$ | 59 | 196 | 477 732 | 385 536 |
| All other states | 15 | 27 | 60 | 141 | 38 | 125 | 285 | 160 |

PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS. ${ }^{2}$

|  | 17,362 | 120, 381 | 194,361 | \$014, 045 | \$144, 348 | \$330, 385 | \$924, 153 | \$623,768 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. | 19,317 | 114,375 | 182, 260 | 384, 745 | 88, 561 | 129,082 | 485, 906 | 366, 824 |
| 09 | 18, 871 | 108, 072 | 173, 889 | 314, 74.1 | 74, 402 | 97,330 | 4(N), 090 | 308, 730 |
| 1904 | 18,033 | 96, 857 | 94, 832 | 230, 506 | 59,821 | 70,355 | 309, 302 | 2338,947 |
| 1899 | 15, 305 | 91, 604 | 70, 089 | 192, 441 | 50, 333 | 50, 215 | 222,98. | 172,769 |
| 1889. | 12, 362 | 85, 975 | 39, 869 | 126,270 | 50, 824 | 38, 1055 | 179,860 | 140,905 |
| 1869. | 1,199 | 13, 130 | 3,209 | 14,948 | 5, 169 | 8,710 | 25, 393 | 16,083 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 156 | 697 | 1,201 | 3,406 | 870 | 1,552 | 5,055 | 3,503 |
| Arizona | 69 | 417 | 421. | 1,070 | 426 | 372 | 1,714 |  |
| Arkansas | 247 | 772 | 972 | 2,290 | 770 | 954 | 3,405 | 2,451 |
| California | 764 | 4,770 | 8,373 | 23, 729 | 5, 422 | 9,077 | 34, 343 | 24, 066 |
| Colorado | 333 | 1,079 | 1,518 | 5,337 | 1,322 | 2,315 | 7,534 | 5,219 |
| Connecticu | 134 | 1,329 | 2,480 | 0,577 | 1,487 | 2, 240 | 7,514 | 5,274 |
| Delaware | 33 | 281 | 332 | 1,165 | 312 | 285 | 1,081 | 798 |
| District of Colum | 67 | 808 | 1,079 | 5,745 | 1, 106 | 2,799 | 11,808 | 9,099 |
| Florida | 160 | 84.1 | 1,054 | 3,778 | 915 | 1,100 | 4,101 | 3,001 |
| Georgia | 262 | 1,719 | 2,189 | 4,858 | 1,595 | 3,468 | 9,083 | 8,215 |
| Idaho. | 136 |  |  | 1,557 | 510 |  | 1,854 | 1,330 |
| Tllinois. | 1,204 | 10, 120 | 14, 037 | 54,100 | 11,407 | 20,985 | 88, 946 | 58,981 |
| Indiana | 559 | 3, 511 | 0,178 | 10,932 | 3,719 | 5, 088 | 19, 185 | 13,497 |
| Iowa. | 774 | 3, 352 | 5,353 | 15,545 | 3,746 | 5, 4608 | 20, 431 | 14,965 |
| Tansas. | 590 | 2, 414 | 6, 897 | 6,972 | 2,210 | 3,909 | 9,775 | 5,776 |
| Kentucky | 252 | 1,272 | 2,306 | 5,326 | 1,317 | 1,752 | 8,183 | 4,481 |
| Lotisian | 149 | 711 | 1,252 | 3,322 | 020 | 1,894 | 4,979 | 3,085 |
| Maine | 69 | 1, 154 | 1,242 | 2,792 | 001 | 1,881 | 4,561 | 2,680 |
| Maryland | 142 | 1,307 | 2,310 | 4,970 | 1,612 | 3,503 | 9,364 | 5,861 |
| Massachus | 412 | 6, 885 | 10, 207 | 22, 064 | 8,087 | 16, 473 | 46,801 | 30,328 |
| Michigan. | 565 | 3,176 | 6, 438 | 14, 502 | 3,035 | 7, 696 | 24,930 | 17,234 |
| Minnesota | 701 | 3, 058 | 4, 550 | 14,795 | 3, 5382 | 6, 879 | 20,089 | 14,210 |
| Mississipp | 156 | 412 | 511 | 1, 1111 |  | ${ }^{31} 317$ | 1,348 | 1,031 |
| Missouri. | 774 | 4, 183 | 7,014 | 15,274 | 4,411 | 11,860 | 30, 012 | 18,152 |
| Montana | 225 | 829 | 1,306 | 2,842 | 1,121 | 1,050 | 3,918 | 2,863 |
| Nebraskz | 554 | 1, 622 | 2, 797 | 0,219 | 1, 027 | 3,004 | 10, 1.79 | 7,175 |
| Nevada. | 34 | 103 | 189 | - 352 | 147 | 98 | 468 | 375 |
| Now Hamp | 65 | 436 | 522 | 958 | 558 | 457 | 1,424 | 967 |
| Now Jersey | 205 | 2, 352 | 3, 304 | 8,378 | 2, 946 | 4,109 | 12,400 | 8,201 |
| Now Mexic |  | 257 |  | 81812 | 258 | 211 |  | 593 |
| New Yoris. | 1,582 | 23, 164 | 31, 551 | 150,436 | 30, 813 | 82,803 | 252, 109 | 100, 306 |

[^78]- New Jorsey, 2; Texas, 2; Virginia, 1; Washington, 2.
${ }^{2}$ Comparable figures for 1879 not available.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and htate. | Number of estah-lishments. | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

PRINTING AND PUBTISHING, NEWSPAPERS AND PERIODICALS-Continued.

| States, 19t9-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| North Carolina. | 215 | 976 | 1,483 | \$2, 665 | \$1,242 | \$1,291 | \$4, 340 | \$3,049 |
| North Dakota. | 301 | 557 | 1, 134 | 2,740 | 674 | 634 | 2, 686 | 2,052 |
| Ohio. | 704 | 7,627 | 13, 961 | 37, 354 | 9,411 | 18,442 | 58, 567 | 40, 125 |
| Oklahom | 410 | 1, 115 | 2,136 | 5,125 | 1,729 | 2,183 | 7,705 | 5, 522 |
| Oregon.. | 224 | 929 | 1,681 | 3,493 | 1,363 | 1,644 | 6, 408 | 4,764 |
| Penusylvan | 913 | 12,:331 | 22, 045 | 101, 030 | 15, 382 | 39,048 | 106, 607 | 67, 619 |
| Rhode Island. | 36 | 602 | 1,268 | 3,296 | 795 | 956 | 3, 772 | 2, 816 |
| South Carolima. | 126 | 743 | 976 | 2, 881 | 715 | 894 | 3, 135 | 2, 241 |
| South Dakota. | 337 | 671 | 1,273 | 3,263 | $\begin{array}{r}692 \\ 1,641 \\ \hline\end{array}$ | 8,1 3,302 | 3,466 10,229 | 2,615 |
| Tennessee. | 220 | 1,690 | 2,197 5,708 | 7,613 12,536 | 1,641 | 3,302 6,122 | $\begin{array}{r}10,229 \\ 19 \\ \hline 999\end{array}$ | $\begin{array}{r}\text { 6,927 } \\ 13 \\ \hline 1877\end{array}$ |
| Texas....................... |  | 3, 827 | 5,708 |  |  |  |  |  |
| Utah........................ | 101 | 825 <br> 286 <br> 80 | 746 350 | 1,478 | 728 220 | 820 200 | 3, 894 | 2, 674 |
| Vermont.................... | 1931 | 984 | 1,549 | 5,131 | 1,145 | 2,084 | 5,997 | 3,913 |
| Virginia....................... | 31.6 | 1,404 | 2,488 | 7,868 | 2,250 | 2,798 | 11, 954 | 9,156 |
| Washington | 151 | 1,952 | 1, 569 | 2, 724 | 930 | 1,055 | 3,402 | 2,347 |
| Wisconsin. | 529 | 2,680 | 3,705 | 11, 160 | 2,937 | 4,368 | 14, 640 | 10,272 |
| Wyoming. | 81 | 210 | 1,014 | 796 | 300 | 221 | 1,079 | 858 |

PRINTING MATERIALS.

| United States. |  |  |  |  | \$789 | \$1,020 | \$4,919 | 83,299 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 82 | 723 | 1,367 | 1,771 | 340 | - 763 | 2,111 | 1,348 |
| 1914. | 98 | 535 | 663 | 1,620 | 355 | 761 | 1,982 | 1, 221 |
| 1909. | 77 | 357 | 624 | 1,009 | 239 | 372 | 1,207 | 835 |
| 1899. | 70 | 560 | 832 | 906 | 233 | 406 | 1,088 | 682 |
| 1889. | 64 | 715 | 543 | $\begin{array}{r}1,370 \\ \hline 200\end{array}$ | 338 99 | 568 190 | 1,459 | $\stackrel{891}{231}$ |
| 1879.................. | 27 | 191 |  | 200 |  |  |  |  |
| States, 1919. |  |  |  |  |  |  |  |  |
| Georgla | 3 | 6 | 7 | 41 | 7 | 20 | 61 |  |
| Llinols. | 11 | 339 | 719 | 5, 299 | 360 29 | 619 130 | 1,812 | 1,143 |
| Massachusetts | 4 | 25 | 21 | 125 | 29 9 | 130 | 5. | 48 |
| Michigan... | 3 | 7 | 8 | 50 | 10 | 17 | 83 | 62 |
| Minnesota.. |  | 15 | 38 | 119 | 22 | 42 | 198 | 156 |
| Missourt.. | 4 | 16 | 88 | 85 | 24 | 13 | 74 | 68 |
| New Jorsey | 18 | 179 | 237 | 690 | 198 | 476 | 1,254 | 77 |
| New York. |  | 20 | 88 | 154 | 31 | 66 | 272 | 206 |
| Pento........i.... | 7 | 44 | 67 | 272 | 54 | 117 | 444 305 | 32 28 |
| Pornsylvania.... | 15 | 56 | 118 | 377 | 55 | 111 | 395 | 28 |

PULP, TROM FIBER OTHER THAN WOOD.

| 19192 | 5 | 64 | 833 | \$778 | \$ 80 | \$390 | \$524 | \$128 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

[^79]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\left\|\begin{array}{c} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{array}\right\|$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Varue of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

## PULP GOODS.

| 1919 United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. | 24 | 1,654 | 12,273 | $\$ 17,191$ 6,862 | $\begin{array}{r}\$ 3,608 \\ \hline 884\end{array}$ | \$11,382 | \$23,608 | \$12, 226 |
| 1909. | 14 | 1,783 | 3,125 | 2,680 | 877 | 2,971 | 4,483 | 2,292 |
| 1904. | 17 | 696 | 2,368 | 3,198 | 284 | 719 | 1,467 | 74 |
| 1899. | 22 | 691 | 1,314 | 2,317 | 284 | 647 | 1,267 | 620 |
| 1889. | 9 | 252 | 785 | 418 | 111 | 123 | 353 | 230 |
| Statcs, 1910 | : |  |  |  |  |  |  |  |
| Delaware. | 10 | 1,485 | 5,154 | 6,478 | 1,752 | 3,846 | 9,385 |  |
| Massachusetts. | 4 | 74 | 689 | 353 | 89 | 318 | 491 | 173 |
| New York. | 9 | 756 | 2,575 | 6,281 | 968 | 4,706 | 8,415 | 3,709 |
| All other states 1. | 17 | 726 | 3,855 | 4,079 | 799 | 2,512 | 5,317 | 2,805 |

PUMPS, STEAM AND OTHER POWER.


PUMPS, NOT INCLUDING POWER PUMPS.


[^80]TABLI 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of | Value of products. | Value <br> added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sed in thou | sands. |  |

## REFRIGERATORS.



## REGALIA, AND SOCIETY BADGES AND EMBLEMS.



[^81]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| Year and state. | Num- <br> ber of <br> estab- <br> lish- <br> ments. | Wage <br> earners <br> (average <br> num- <br> ber). | Primary <br> horse- <br> power. | Capital. | Wages. | Cost of <br> materials. | Value of <br> products. <br> added <br> manu- <br> manu- <br> facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

RICE, CLEANING AND POLISHING.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 86 | 2,113 | 27,382 | \$23,793 | \$1, 932 | $\$ 76,634$ 20,616 | $\$ 90,038$ 23,039 | \$13,404 |
| 1914 | 59 | 1,253 | 15,571 | 12, 627 | 646 <br> 564 <br> 64 | 20,616 19,501 | 23,039 22,371 | $\stackrel{2,423}{ }$ |
| 1909. | 71 | 1,239 | 19,519 | 13,347 | 564 641 | 19,501 | 22, 371 | 2,870 |
| 1904. | 84 | 1,492 | 15,866 | 8,821 2,601 | 641 266 | 13,315 | 16,297 8,724 | 2,982 1,148 |
| 1899. | 80 32 |  | 7,546 4,120 | 2,601 2,074 | 223 | 7,576 | 8,724 6,693 | 1,148 1,092 |
| 1889. | 32 22 | 647 516 | 4,120 | 2,074 562 | 110 | 2,666 | 3,133 | ${ }^{1,167}$ |
| States, 1919. |  |  |  |  |  |  |  |  |
| Arkansas. | 5 | 202 | 1,785 | 1,489 | 184 | 7,944 | 8,996 | 1,052 |
| California | 14 | 337 | 4,698 | 4,329 | 500 | 17, 169 | 20, 264 | 3,095 |
| Louisiana | 46 | 1,121 | 12,562 | 10,485 | 803 | 36, 017 | 41, 220 | 5,203 |
| Toxas. | 14 | 423 | 7,998 | 6,947 | 414 | 13,810 | 17,801 | 4,091 |
| All other states ${ }^{\text {a }}$ | 7 | 30 | 339 | 543 | 31 | 1,694 | 1,657 | ${ }^{2} 37$ |

ROOFING MATERIALS. ${ }^{3}$

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 178 | 8,871 | 39,327 | \$57,069 | \$10,344 | \$52,588 | \$85, 805 | \$33,307 |
| 1914. | 170 | - 4,088 | 11, 702 | 23,645 | 2,642 | 17,605 | 27,978 | 10,373 |
| 1909. | 117 | 2, 465 | 9,431 | 15, 349 | 1,339 | 12, 4.8 | 19, 204 | 6,746 |
| 1904. | 307 | 8,819 | 23, 022 | 16, 925 | 4,008 | 10, 842 | 19, 871 | 9,029 |
| 1899 | 267 | 7,593 | 18, 217 | 10, 814 | 3,072 | 6,886 | 13, 691 | 6,805 |
| 1879 | 493 | 3,082 |  | 2,329 | 1,411 | 3,382 | 6, 227 | 2,845 |
| 1869. | 198 | 1,919 | 716 | 2,449 | 883 | 1,293 | 3,257 | 1,964 |
| 1859. | 56 | 554 |  | 352 | 196 | 533 | 1,024 | 491 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 3 | 30 | 15 | 81 | 29 | 32 | 84 | 52 |
| California | 9 | 506 | 5,500 | 4,665 | 641 | 2,709 | 4,509 | 1,880 |
| Connecticut | 3 | 25 | 100 |  | 19 | 25 |  | 71 |
| Illinois.. | 25 | 2,722 | 9,425 | 18, 162 | 3,120 | 17,518 | 27,561 | 10,043 |
| Indiana.. | 7 | 254 | 1, 379 | 2,015 |  | 1,685 | $\begin{array}{r}2,759 \\ 245 \\ \hline 0\end{array}$ | 1,074 |
| Lousisiana.. | 3 8 8 | $\begin{array}{r}56 \\ 695 \\ \hline 60\end{array}$ | 170 1.879 | 264 4,468 | 84 813 | 167 3,904 | 245 0,706 | 2,712 |
| Massachuset Now Jersey | -8888 | 695 660 | $\begin{array}{r}1,879 \\ 2,357 \\ \hline\end{array}$ | 4,468 | 813 740 | 4, 4,071 | 6, 658 | 2,712 2,482 |
| Now York | 18 | 483 | 2,876 | 3,622 | 581 | 3,074 | 5,079 | 2,005 |
| Ohio....... | 20 | 1,138 | 7,249 | 8,023 | 1,432 | 7,909 | 12,786 | 4,877 |
| Pennsylvania | 28 | 1,170 | 4,815 | 6,759 | 1,330 | 6,330 | 10, 837 | 4,507 |
| Virginia...... | 4 |  |  |  |  | 67 5 | 8 8, 473 | 80 3468 |
| All other states 4. | 40 | 1,097 | 3,656 | 4,367 | 1,281 | 5,007 | 8,473 | 3,468 |

[^82]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

RUBBER TIRES, TUBES, AND RUBBER GOODS, NOT ELSEWHERE SPECIFIED.

| United States. |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

RULES, IVORY AND WOOD.


SADDLERY AND HARNESS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1910. | 1, 823 | 10, 411 | 8,212 | \$49, 368 | \$10,849 | \$52,443 | \$83, 713 | \$31,270 |
| 1914 | 2,551 | 12,969 | 10,397 | 45, 207 | 7,996 | 33, 086 | 53, 559 | 20, 473 |
| 1909. | 1,347 | 14,632 | 17,234 | 30, 224 | 8,071 | 33, 178 | 54,225 | 21, 047 |
| 1904. | 1,076 | 15,032 | 7,870 | 29,204 | 7,634 | 23,774 | 42, 055 | 18, 281 |
| 1899. | . 873 | 14, 364 | 6, 018 | 20, 463 | 6,254 | 19,771 | 33,703 | 13,932 |
| 1880 | 7,931 | 22, 672 | 2,347 | 35, 347 | 10, 009 | 24, 674 | 52, 971 | 28, 297 |
| 1879. | 7,999 | 21, 446 |  | 16,508 | 7,998 | 19,969 | 38,082 | 18, 113 |
| 1869. | 7,607 | 23, 557 | 215 | 13, 936 | 7,046 | 16,068 | 32,710 | 16,642 |
| 1859. | 3, 621 | 12,285 |  | 6,478 | 4,150 | 6,606 | 14,169 | 7,563 |
| 1849 | 3,515 | 12,958 |  | 3,969 | 3,154 | 4,427 | 9,935 | 5,508 |

${ }^{1}$ Includes: Colorado, 4 establishments; Dolaware, 1; Kansas, 3; Kentucky, 1; Louisiana, 1; Maryland,
2; Minnesota, 3 : North Carolina, $2 ;$ Oregon, 2; Washington, 4; West Virginia, 2.
2 Includes: Cónnecticut, 1 establishment; Illinois, 1; Maine, 1; Michigan, 2; Ohio, 1.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1910-Continued.

| year and state. | Number of estab-lishments. | Wage carners (average ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Valne added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sed in thou | sands. |  |

SADDLERY AND HARNESS-Continnod.

| States, 1919. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama. | 8 | 93 | 105 | \$190 | 978 | 8302 | \$ 471 | \$109 |
| Arizona.. | 4 | 24 | 21 | 164 | 25 | 88 | 148 | 60 |
| Arkansas. | 20 | 100 | - 49 | 469 | 85 | 559 | 825 | 206 |
| California | 37 | 130 | 178 | 988 | 16.4 | 735 | 1,182 | 447 |
| Colorado. | 27 | 206 | 234 | 840 | 272 | 951 | 1,557 | 606 |
| Delaware | 3 | 4 |  | 23 | 4 | - 9 | 19 | 10 |
| Georgia. | 20 | 563 | 496 | 1, 1,54 | 507 | 2,542 | 4, 154 | 1,612 |
| Idaho. | 16 | 22 | 20 | , 171 | 23 | 116 | 189 | . 73 |
| Illinois. | 183 | 887 | 608 | 3,861 | 1,059 | 4,530 | 7,082 | 2,502 |
| Indianta | 114 | 453 | 605 | 1,888 | 440 | 1,433 | 2,520 | 1,087 |
| Towa.. | 110 | 395 | 409 | 3,052 | 494 | 2,500 | 4,168 | 1,578 |
| Kansas. | 83 | 181 | 156 | . 960 | 218 | 9095 | 1,490 | 525 |
| Kentucky | 52 | 479 | 352 | 1,945 | 460 | 2, 859 | 4,444 | 1,585 |
| Louisiana. | 8 | 136 | 70 | 776 | 130 | 615 | 949 | 334 |
| Maine... | 9 | 8 | 2 | 25 | 10 | 22 | 50 | 28 |
| Maryland | 26 | 159 | 149 | 759 | 153 | 511 | 851 | 340 |
| Massachusetts | 15 | 140 | 106 | 405 | 159 | 466 | 779 | 313 |
| Michigan... | 51 | 253 | 188 | 943 | 267 | 1,0190 | 2,101 | 1,002 |
| Minnesota. | 51. | 430 | 329 | 2,368 | 489 | 2, 812 | 4, 159 | 1,330 |
| Mississippi | 5 | +27 | 20 +1082 | 33 5065 | -10 | 17 | - 42 | 25 |
| Missouri.. | 88 | 1,215 | 1, 082 | 5,065 | 1,250 | 6,338 | 0,450 | 3,112 |
| Montana. | 11 | 36 | 22 | 261 | 45 | 205 | +319 | 114 |
| Nebraska. | 53 | 127 | 134 | 1,068 | 169 | 901 | 1, 434. | 533 |
| New Jersey | 46 | 36 | 20 | 178 | 38 | 81 | 191 | 110 |
| New Mexico | 4 | 18 | 8 | 44 | 22 | 49 | 91 | 42 |
| New York. | 91 | 223 | 126 | 927 | 250 | 816 | 1, 435 | 619 |
| North Carolina | 30 | 113 | 185 | 347 | 94 | 505 | 733 | 228 |
| North Dakota. | 14 | 65 | 80 | 634 | 66 | 514 | 076 | 172 |
| Ohio... | 106 | 799 | 567 | 4,100 | 806 | 3, 038 | 5, 143 | 2, 107 |
| Oklahoma | 36 | 92 | 50 | 418 | 134 | 0150 | 1,042 | 392 |
| Oregon.. | 33 | 182 | 233 | 085 | 245 | 938 | 1,031 | 993 |
| Pennsylvania. | 117 | 225 | 179 | 1,265 | 205 | 808 | 1,515 | 617 |
| Rhode Island. | 8 | 2 | 1. | 3 | 2 | 6 | 16 | 10 |
| South Carolina | 5 | 15 | 13 | 19 | 10 | 27 | 48 | 21 |
| South Dakota. | 10 | 23 | 14 | 154 | 35 | 84 | 180 | 96 |
| Tennessee.. | 43 | 614 | 292 | 2,215 | 521 | 3,024 | 4,790 | 1,786 |
| Texas. | 68 | 918 | 358 | 4,712 | 990 | 5,230 | 7,818 | 2,588 |
| Utah.. | 18 | 67 | 40 | 321 | 86 | 441 | 036 | 221 |
| Vermont | 10 | 17 | 4 | 32 | 18 | 30 | 75 | 38 |
| Virginia. | 33 | 225 | 129 | 1,706 | 224 | 885 | 1, 504 | 619 |
| Washington | 42 | 74 | 83 | 580 | 98 | 486 | 924 | 436 |
| West Virginia. | 51 | 78 | 178 | . 594 | 82 | 485 | 780 | 834 |
| Wisconsin... | 43 | 441 | 247 | 2,382 | 501 | 3,202 | 5, 143 | 1,851 |
| Wroming. | 18 | 21 | 8 | 118 | 28 | 91 | 158 | 67 |
| All other states ${ }^{\text {d }}$ | 8 | 88 | 63 | 308 | 93 | 227 | 515 | 291 |

SAFES AND VAULTS.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1910. | 38 | 2,949 | 5,342 | \$13,023 | \$3, 283 | *0, 800 | \$15,204 | 88,685 |
| 1914. | 39 | 2,972 | 8,406 | 9,360 |  |  | 7,257 | 4,611 |
| 1909. | 42 | 3,343 | 5,546 | 8, 94,4 | $\stackrel{2}{2}, 072$ | 3.448 | 8,891 | 5, 048 |
| 1904. | $\begin{array}{r}31 \\ +35 \\ \hline\end{array}$ | 3,488 | 4, 4,090 | 7,326 5,480 | 2,162 1,017 | 3,211 1,089 | 7,801 | -4,6500 |
| 1890. | 35 39 | 2,033 3,816 | 2, 1,209 | 5,480 4,003 | 1,017 3,180 | 1,689 2,685 | 3,628 | 2,299 4,007 |
| 1889. | 39 40 | $3,81.6$ 2,208 | 1,904 | 4, 4,202 | 1,097 | 1, 131 | 3,352 | 1,921 |
| 1869. | 65 | 1,639 | 669 | 2,075 | 917 | 968 | 2,728 | 1,760 |
| 1859. | :30 | 1,093 |  | 1,027 | 472 | 758 | 1,910 | 1,152 |
| States, 1010. |  |  |  |  |  |  |  |  |
| Ohio. | 18 | 1,821 | 2,704 | 8,330 | 1.907 | 3,441 | 9, 478 | 6, 038 |
| All other states ${ }^{\text {a }}$ | 20 | 1,128 | 2,638 | 4,603 | 1,320 | 3,168 | 5, 816 | 2, 348 |

[^83]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

SALT.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 86 | 6,495 | 43, 187 | 847, 725 | \$7,353 | \$16,028 | \$37,514 | \$21,486 |
| 1914 | 98 | 5,089 | 29,007 | 33,151 | 3,041 | 6,273 | 14, 070 | 7,797 |
| 1909. | 124 | 4,936 | 27, 263 | 29, 012 | 2, 531 | 5,203 | 11, 328 | 6,125 |
| 1904 | 146 | 4,666 | 19, 434 | 25,586 | 2,066 | 4, 166 | 9,438 | 5,272 |
| 1899 | 159 | 4,774 | 23, 865 | 27, 123 | 1,911 | 3,336 | 7,967 | 4, 131 |
| 1889 | 200 | 4,255 | 11, 552 | 13, 438 | 1,593 | 1,827 | 5,485 | 3,658 |
| 1879. | 268 | 4,289 | 8,476 | 8,226 | 1,260 | 2,074 | 4,830 | 2,756 |
| 1869. | 282 | 2,921 | 3,322 | 6,562 | 1,148 | 1,761 | 4, 891 | 3,130 |
| 1850. | 399 | 2, 213 |  | 3,692 | 372 | 1,055 | 2, 290 | 1, 235 |
| 1849. | 340 | 2,786 |  | 2, 641 | 753 | 1,051 | 2,178 | 1,127 |
| States, 1910. |  |  |  |  |  |  |  |  |
| California. | 24. | 446 | 2,976 | 4,068 | 537 | 1,085 | 2,286 | 1,201 |
| Kansas. | 12 | 1,072 | 8,719 | 5, 808 | 1,145 | 2,207 | 6, 193 | 3,986 |
| Michign | 12 | 2,063 | 10,321 | 12, 804 | 2,539 | 6,339 | 14, 054 | 7,715 |
| New York | 16 | 1,728 | 7,219 | 15,367 | 1,784 | 3,911 | 9,099 | 5,188 |
| Ohin. | 5 | 535 | 8,259 | 4, 526 | 675 | 1,380 | 2,667 | 1, 287 |
| Texas | 3 | 277 | 1,656 | 1,047 | 307 | 480 | 1,016 | 538 |
| West Virginia | 4 | 71 | 1,092 | 848 | 66 | 121 | 213 | 92 |
| All other states ${ }^{1}$. | 10 | 303 | 2,945 | 3,257 | 300 | 505 | 1,986 | 1,481 |

SAND AND EMERY PAPER AND CLOTH.


SAND-LIME BRICK.

| 1919. | 32 | 504 | 4,358 | \$2, 230 | \$502 | \$575 | \$1,663 | \$1,088 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1014. | 45 | 557 | 5,606 | 2,185 | 322 | 350 | 994 | 644 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Indiana.. |  | 37 | 517 | 197 | 47 | 53 | 142 | 89 |
| Michigan.. | 7 | 106 | 815 | 428 | 147 | 218 | 531 | 313 |
| Minnosota. | 3 | 69 | 599 | 243 | 67 | 42 | 185 | 143 |
| New York. | 4 | 49 | 500 |  | - 46 | 97 | 165 | 118 |
| All other states ${ }^{\text {a }}$. | 1.5 | 243 | 1,927 | 1,262 | 195 | 215 | 640 | 425 |

[^84]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| YEAR AND STATE. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sed in thou | sands. |  |

SAUSAGE, NOT MADE IN SIAUGHTERING AND MEAT-PACKING ESTABLISFMENTS.

| United States. |  | , |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 633 | 3,471 | 12,713 | \$13, 777 | \$1, 679 | \$13, 010 | \$56,610 | \$12,670 |
| 1914 | 512 | 2,244 | 7,930 | 5, 201 | 1,607 | 17, 292 | 22, 014 | 4,722 |
| 1909. | 420 | 1,915 | 6,275 | 4, 930 | 1,240 | 11,390 | 15, 024 | 3,634 |
| 1904. | 292 | 1,265 | .3,355 | 2, 704 | 740 | 5,569 | 8, 123 | 2, 554 |
| 1899. | 198 | 878 | 2, 052 | 1, 409 | 453 | 3,213 | 4,588 | 1,375 |
| 1889. | 249 | 837 | 1,604 | 1,129 | 363 | 1,935 | 3,055 | 1,120 |
| States, 1910. |  |  |  |  |  |  |  |  |
| California. | 39 | 174 | 485 | 520 | 230 | 1,347 | 1,890 | 549 |
| Connecticut | 20 | 79 | 410 | 278 | 88 | 1,068 | 1,370 | 302 |
| Georgia. | 7 | 25 | - 59 | 36 | 29 177 | 7 192 | 10 250 | 58 |
| Illinors. | 54 | 796 | 1,470 | 3, 171 | 1,177 | 7, 513 | 10,064 | 2, 551 |
| Iowa. | 9 | 63 | - 92 | 92 | 73 | 368 | 503 | 135 |
| Louisiana | 8 | 26 | 349 | 90 | 28 | 232 | 325 | 93 |
| Maine. | 9 | 20 | 280 | 75 | 24 | 214 | 301 | 87 |
| Maryland | 25 | 101 | 577 | 378 | 106 | 1,428 | 1,789 | 361 |
| Massachusett | 56 | 306 | 1, 151 | 1,027 | 397 | 4,223 | 5,296 | 1,073 |
| Michigan. | 29 | 159 | 776 | 483 | 226 | 2,313 | 2, 031 | 618 |
| Minnesota | 11 | 33 | 155 | 98 | 44 | 400 | 558 | 158 |
| Missouri... | 13 | 71 | 247 | 319 | 75 | 647 | 867 | 220 |
| New Hampshir | 11 | 22 | 100 | 50 | 20 | 179 | 232 | 53 |
| New Jersey . . | 38 | 201 | 685 | 663 | 292 | 3,232 | 4,058 | 826 |
| New York. | 157 | 513 | 2,173 | 2,785 | 733 | 7,512 | 9,688 | 2,176 |
| Ohio.. | 30 | 269 | 1,279 | 1, 050 | 426 | 4,197 | 5,355 | 1,158 |
| Ponnsylvania | 28 | 178 | $\begin{array}{r}735 \\ \hline 273\end{array}$ | 838 | 191 | 3, 097 | 3,688 | 591 |
| Rhode Island. | 15 | 68 | 273 | 302 | 86 | 1, 626 | 1, 871 | 245 |
| South Carolina | 6 | 14 | 69 | 27 | 18 | 107 | 172 | 65 |
| Tonnessce. | 6 | 21 | 106 | 58 | 19 | 121 | 165 | 44 |
| Texas.. | 6 | 12 | 41 | 53 | 11 | 130 | 172 | 42 |
| Washington | 5 | 9 | 37 | 46 | 1.2 | 87 | 134 | 47 |
| Wisconsin...- | 28 | 244 | 887 | 1,093 | 288 | 3, 041 | 4, 024 | 983 |
| All other states ${ }^{1}$. | 23 | 67 | 277 | 247 | 86 | 866 | 901 | 235 |

SAWS.


1 Includes: Alabama, 1 establishment; Arkansas, 1; Colorado, 1; Delaware, 1; District of Columbia, 1 ; Indiana, 2; Kansas, 1; Kentucky, 2; Nobraska, 3; Novada, 1; North Carolina, 2; Oregon, 1; South Dakota, 1; Vermont, 2; Virginia, 2; Wyoming, 1.
${ }_{2}$ Includes: Arkansas, 1 establishment; California, 2; Connecticut, 3; Illinols, 13 ; Indiana, 2; Iowa, 1; Kontucky, 1; Maine, 1; Maryland, 2; Mississippi, 1; Missouri, 1; New Hampshire, 2 , New Jorsoy, 2; Oregon, 4 ; Pemnsylvania, 12 ; Rhode Island, $2 ;$ Tennessee, 2; Toxas, $1 ;$ West Virginia, 1 ; Wisconsin, 1 .

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| YEAR AND STAte. | Number of estab-lishments. | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manu- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

SCALES AND BALANCES.


SCREWS, MACHINE.


SCREWS, WOOD.

| United States. |  |  |  | \$14,633 | \$4,885 | \$5, 552 | \$15, 460 | \$9,908 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 12 | 4, 446 | 8,044 | 10,539 | 1,950 | 2,350 | 6, 217 | 3,887 |
| 1909. | 11 | 3,464 | 5,618 | 9,570 | 1,454 | 2,309 | 6, 198 | 3, 890 |
| 1904. | 7 | 1,488 | 3,715 | 5,969 | 556 | 732 | 2,134 | 1,402 |
| 1899. | 8 | 1,970 | 3,490 | 5, 465 | 721 | 023 | 2, 600 | 1,677 |
| 1889. | 7 | 1,558 | 2,637 | 5,572 | 540 | 901 | 2,327 | 1,426 |
| Slates, 1010. |  |  |  |  |  |  |  |  |
| Connecticut. | 5 | 2, 245 | 2,160 | 6,523 | 2,105 | 2, 503 | 6, 390 | 3,887 |
| Massachnsetts | 3 | 848 | 2,040 | 3,195 | 819 | 1,186 | 3,706 | 2,520 |
| All other states | 3 | 1,796 | 3,564 | 4,915 | 1,941 | 1,863 | 5,364 | 3,501 |

[^85]TABE $225 .-S U M M A R Y$ FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| yearand state. | Number of estab-lishments | Wage earners (average number'). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

SEWING-MACHINE CASES.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 19191. | 5 | 4,171 | 10,656 | \$17, 332 | \$5, 101 | \$8, 018 | \$14, 243 | \$6,225 |
| 1914. | 4 | 3,699 | 6, 031 | 6, 425 | 2, 230 | 2, 841 | 5, 818 | 3, 005 |
| 1909. | 6 | 4,079 | 5, 026 | 6,800 | 1,995 | 3,259 | 5,752 | 2, 493 |
| 1904. | 8 | 4,450 | 6,990 | 5,888 | 2, 029 | 2,593 | 5, 273 | 2,680 |
| 1899. | 7 | 2,653 | 2, 055 | 1, 333 | 1,065 | 1,534 | 2, 815 | 1,281 |
| 1889 | 7 | 1,822 | 1,730 | 1, 430 |  |  | 2, 250 | 1, 260 |
| 1879. | 18 | 1,822 |  | 741 | 683 | 1,239 | 2,005 | 826 |

SEWING MACHINES AND ATTA CHMENTS.

| 1919 | 40 | 15,059 | 21,379 | \$71,364 | \$19, 333 | \$16,384 | \$43, 095 | \$27, 311 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. | 46 | 14,308 | 18, 198 | 34, 467 | 8, 801 | 7,359 | 21,392 | 14, 033 |
| 1909. | 41 | 15,217 | 14, 400 | 26, 213 | 9, 107 | 8, 196 | 22, 511 | 14, 315 |
| 1904 | 46 | 12,671 | 10,172 | 26, 605 | 7, 464 | 8,107 | 20, 870 | 12, 763 |
| 1899. | 57 | 10, 712 | 8,014 | 19,470 | 6, 266 | 7,925 | 18, 310 | 10, 385 |
| 1889. | 59 | 8,837 | 4,775 | 16, 013 | 4, 750 | 3,502 | 12, 823 | 9,321 |
| 1879. | 100 | 9,553 |  | 12,502 | 4, 636 | 4, 829 | 13, 863 | 9, 034 |
| 1869. | 69 | 8,421 | 2,398 | 9, 521 | 5, 781 | 3,642 | 15, 817 | 12, 205 |
| 1859. | 75 | 2,297 |  | 1, 428 | 1,095 | 648 | 4,256 | 3,608 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Connecticut. | 3 | 2,724 | 2,041 | 10, 489 | 3, 277 | 930 | 5,248 | 4,318 |
| milinois...... | 5 | 1,960 | 2,413 | 8,116 | 2,306 | 2,377 | 7,167 | 4,790 |
| Massach usatts | 7 | 893 | 1,537 | 4, 529 | 857 | 1,327 | 2, 871 | 1, 544 |
| New York. | 13 | 350 |  | 1,318 | 411 | 231 | 1,104 | 873 |
| All other states | 12 | 9, 132 | 15, 134 | 46, 012 | 12,482 | 11,519 | 27,305 | 15,786 |

SHIPBUILDING, STEEL.

| 1919 | 162 | 344,014 | 475,507 | \$1,268,440 | \$538, 373 | \$643,763 | \$1,456,400 | \$812,737 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. | 79 | 33,508 | 83,706 | 132,712 | 25, 106 | 29, 270 | 66, 217 | 36, 947 |
| 1909 | 53 | 28, 143 | 57697 | 100. 172 | 17, 215 | 21,716 | 49,617 | 27, 901 |
| 1904 | 54 | 30,742 | 51,029 | 101, 528 | 20, 810 | 27.602 | 58,433 | 30, 831 |
| 1899. | 44 | 30,906 | 38,882 | 59, 840 | 16,231 | 23,586 | 50,368 | 26,782 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 4 | 5,254 | 19, 009 | 39, 287 | 0,964 | 6,307 | 15, 910 | 9,603 |
| Californi | 18 | 46,052 | 61,204 | 108,708 | 04, 527 | 74, 682 | 179, 152 | 104, 690 |
| Florila | 5 | 7,838 | 10, 105 | 38,000 | 11, 557 | 10,701 | 24, 234 | 13, 533 |
| Geordia | 3 | 3,481 | 6,727 | 5,748 | 4, 784 | 7,440 | 17,723 | 10, 283 |
| Louisiana | 6 | 3,329 | 5,717 | 19,284 | 5,014 | 5,090 | 12, 432 | 7,342 |
| Maino. | 6 | 4,485 | 4, 326 | 9,270 | 0,402 |  | 14, 004 | 9, 081 |
| Maryland | 4 | 17,212 | 22,354 | 32,779 | 26, 142 | 28, 290 | 60, 844 | 32, 554 |
| Michurn. | 7 | 15,996 | 30,047 | 21,820 | 28, 184 | 35, 046 | 83, 124 | 48, 078 |
| New Jorsoy. | 13 | 50,251 | 50, 067 | 242, 524 | 76, 845 | 122,467 | 229, 826 | 107, 359 |
| New Yor | 28 | 25,987 | 39, 376 | 62, 491 | 42, 312 | 31, 294 | 103, 461 | 72, 167 |
| Ohio. | , | 11,192 | 13,717 | 51, 177 | 10, 424 | 23, 354 | 56, 482 | 33, 128 |
| W asilington | 9 | 20,391 | 36,692 | 103, 10 | 48, 728 | 63,349 | 140,981 | 77, 632 |
| Wisconsin. | 3 | 6,058 | 9,345 | 11,020 | 11, 085 | 17, 436 | 36,628 | 19, 192 |
| All otherstates ${ }^{8}$ | 43 | 116,888 | 166,201 | 522, 210 | 180, 405 | 213,504 | 481,689 | 268, 095 |

[^86]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\left\|\begin{array}{c} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{array}\right\|$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

SHIPBUILDING, WOODEN, INCLUDING BOAT BUILDING.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 913 | 43,432 | 78,144 | \$120, 808 | \$59, 074 | \$66,770 | \$165, 872 | \$99,102 |
| 191. | 1,068 | 10,981 | 31, 027 | 23, 348 | 7,765 | 9,327 | 22, 465 | 13,138 |
| 1909 | 1,300 | 12, 363 | 30, 366 | 25, 947 | 8,053 | 9,498 | 23,743 | 14,245 |
| 1904. | 1,043 | 14,012 | 27,098 | 20, 095 | 8 8,431 | 9,861 | 24, 336 | 14, 475 |
| 1899. | 1,063 | 15,841 | 22,935 | 17,501 | 8,593 | 9,889 | 24,165 | 14,276 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 49 | 1,478 | 3,367 | 4,242 | 2,356 | 2,167 | 6,731 | 4,564 |
| Connecticut | 36 | 1,112 | 2,624 | 7,107 | 1,254 | 987 | 2,924 | 1,937 |
| Florida. | 68 | 3,361 | 3,992 | 8,156 | 3,885 | 3,216 | 8,428 | 5,212 |
| Qeorgia. | 7 | ${ }^{9} 966$ | 1,128 | 3, 102 | 1,029 | 1, 221 | 3,221 | 2,000 |
| Illinois | 9 | 122 | 355 | 479 | 120 | 215 | 461 | 246 |
| Iowa., | 5 | 5 | 26 | 34 | 5 | 16 | 37 | 21 |
| Kentucky | 7 | 185 | 340 | 110 | 201 | 53 | 330 | 277 |
| Louisiana | 10 | 2,017 | 2,841 | 3,028 | 2,173 | 1,906 | 5,166 | 3,260 |
| Maine. | 76 | 2,515 | 4,070 | 6,537 | 3,398 | 4,919 | 10,678 | 5,759 |
| Maryland | 38 | 1,872 | 4,185 | 3,080 | 2,746 | 2,711 | 6,466 | 3,755 |
| Massuchuset | 55 | 928 | 2,074 | 2, 574 | 1,402 | 1,978 | 4,192 | 2,214 |
| Michigan. | 26 | 545 | 1,106 | 2,271 | 737 | 1,073 | 2,030 | 957 |
| Minnesota | 21 | 91 | 196 | 312 | 105 | 107 | 342 | 235 |
| Mississippi | 9 | 248 | 635 | 394 | 360 | 418 | 1,028 | 610 |
| New Jersey | 80 | 2, 140 | 2;645 | 5,744 | 3,118 | 3,086 | 8,189 | 5,103 |
| New York | 133 | 7,308 | 13, 371 | 26,113 | 10,749 97 | 10, 2515 | 28,551 374 | 18,290 |
| North O (20 | 18 | ${ }_{220}^{117}$ | 211 502 | 94 645 | -974 | 150 548 | 374 1,001 | 424 |
| Oregom. | 30 | 2,090 | 7,282 | 9,667 | 4,609 | 6,854 | 13,778 | 6,924 |
| Rhodo Island | 14 | 253 | 502 | 897 | 350 | 296 | 864 | 568 |
| Toxas. | 21 | 6,008 | 6,026 | 4,782 | 7,566 | 8,323 | 19, 246 | 10, 923 |
| Virginia | 30 | 1,159 | 2,090 | 4,087 | 1,637 | 1,020 | 4,582 | 3,562 |
| Washington, | 67 | 5,185 | 14, 004 | 17,703 | 7,325 | 10,697 | 25, 539 | 14, 842 |
| West Virginia | 28 | 1101 | 2, 24 <br> 1,246 <br> 3.24 | $\begin{array}{r}222 \\ 6 \\ \hline 121\end{array}$ | 100 1,355 | ¢ 2, 931 | 213 7,535 | 147 4,604 |
| Wisconsin.tater | 28 | 1,197 | 1,246 3,020 | 6,121 3,307 | 1, 1,553 | 2, <br> 1,551 | 7, 3,966 | 2,415 |

SHIRTS.

| Uniled Stutes. |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

1 Includes: Alabama, 4 establishments; Delaware, 4; District of Columbia, 2; Idaho, 2; Indiana, 5; Missouri, 3; Montana, 1; New Eampshire, I; Pennsylvania, 18; South Carolina, 1; South Dakota, 1; Tennessee, 2; Vermont, 1.
2 Includes custom and neighborhood shops.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.
SHIRTS-Continued.

| States, 1919-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Missouri. | 19 | 2,715 | 1,229 | \$5, 146 | \$1,840 | \$7,265 | \$11,705 | \$4,440 |
| Nebraska. | 5 | 111 | 19 | 71 | + 70 | 155 | 242 | . 87 |
| New Jersey | 46 | 2,884 | 671 | 6,426 | 1,871 | 8,177 | 12,249 | 4,072 |
| New York. | 334 | 12, 136 | 4,014 | 48,842 | 9,558 | 60, 396 | 97, 855 | 37,456 |
| Ohio ...... | 32 | 1,900 | 960 | 4,946 | 1,183 | 3,759 | 7, 390 | 3,631 |
| Oklahoma | 4 | 69 | 19 | 130 | 40 | 355 | 573 | 188 |
| Pennsylvania............... | 216 | 8,932 | 3,366 | 13,256 | 4, 401 | 14,597 | 24,775 | 10, 178 |
| Tennessee.................... | 9 | 320 | 66 | 412 | 125 | 801 | 1,197 | -396 |
| Vermont. | 9 | 338 | 221 | 231 | 179 | 257 | 529 | 272 |
| Virginia. | 5 | 127 | 62 | 88 | 58 | 62 | 151 | 89 |
| Wisconsin | 6 | 457 | 298 | 1,934 | 352 | 1,867 | 2,880 | 1,013 |
| All other states ${ }^{2}$. | 24 | 383 | 150 | 1,684 | 233 | 2,337 | 3,626 | 1,289 |

SHOW CASES.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 119 | 1,857 | 4, 423 | \$5, 378 | \$1,996 | \$4,032 | \$8,294 | \$4, 262 |
| 1914. | 132 | 2,257 | 4, 145 | 4,155 | 1,466 | 2,248 | 5,233 | 2,985 |
| 1909. | 149 | 3,390 | 4,746. | 5, 369 | 2,017 | 3, 140 | 7,167 | 4, 027 |
| 1904. | 141 | 3,082 | 4, 087 | 3, 143 | 1,081 | 2,374 | 5,722 | 3,348 |
| 1899 | 102 | 1,363 | 1,232 | 1,153 | 708 | 1,058 | 2, 468 | 1, 410 |
| 1889. | 99 | 1,331 | 810 | 1,208 | 718 | 1,077 | 2,570 | 1,493 |
| 1879. | 93 | 692 |  | 342 | 329 | 520 | 1,172 | 052 |
| 1869. | 47 | 353 | 9 | 178 | 219 | 419 | 839 | 420 |
| 1859. | 9 | 40 |  | 18 | 19 | 29 | 85 | 58 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 12 | 94 | 166 | 236 | 111 | 236 | 434 | 198 |
| Connecticut. | 3 | 11 | 39 | 41 | 15 | 5 | 27 | 22 |
| Illinois. | 9 | 205 | 355 | 611 | 244 | 471 | 1,027 | 556 |
| Indiana. | 3 | 115 | 288 | 345 | 89 | 359 | 576 | 217 |
| Massachusetts. | 8 | 46 | 117 | 147 | 59 | 188 | 207 | 109 |
| Michigan.. | 6 | 261 | 685 | 903 | 305 | 482 | 1,158 |  |
| Minnesota | 5 | 71 | 250 | 357 | 49 | 125 | -288 | 183 |
| Missouri | 8 | 284 | 743 | 720 | 308 | 553 | 1,177 | 624 |
| New York | 21 | 193 | 284 | 322 | 221 | 405 | 845 | 440 |
| North Carolina. | 5 | 12 | 58 | 23 | 10 | 21 | 43 | 22 |
| Ohio. | 13 | 273 | 804 | 997 | 278 | 557 | 1,177 | 620 |
| Texas. | 4 | 74 | 213 | 195 | 79 | 152 | 324 | 172 |
| All other states ${ }^{2}$ | 22 | 218 | 421 | 481 | 228 | 478 | 021 | 443 |

[^87] Oregon, 1; Rhode Tsland, 3; South Carolina, 1; Texas, 2; Utah, 2; Washington, 3; West Virginia, 4; Wyoming, 1.
2 Includes: Alabama, 2 establishments; Colorado, 1 Georgia, 2; Towa, 2; Kunsas, 1; Louisiana, 1; Maryland, 2 ; New Hampshire, 1 ; Oklahoma, 1 ; Pernsylvania, 2 ; Tennessee, 2 ; Virginia, 1 ; Washington, 1; Wisconsin, 3.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| Year and state. | Number of estab-lishments. | ```Wage earners (average num- ber).``` | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added. by mannfacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

SIGNS AND ADVERTISING NOVELTIES.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 779 | 10, 432 | 7,730 | \$29, 249 | \$9,715 | \$16,072 | \$43, 343 | \$27, 271 |
| 1914. | 776 | 9, 666 | 7,370 | 21,288 | 5, 933 | 9,059 | 24,792 | 15, 733 |
| 1909. | 288 | 5,540 | 3,790 | 0,647 | 3,105 | 4,709 | 13,546 | 8,837 |
| States, 1019. |  |  |  |  |  |  |  |  |
| California. | 32 | 239 | 85 | 396 | 312 | 362 | 1,076 | 714 |
| Colorado. | 10 | 71 | 22 | 86 | 75 | 62 | 216 | 154 |
| Connecticut | 26. | 31 | 26 | 264 | 27 | 65 | 197 | 132 |
| Illinois. | 109 | 1,883 | 1,383 | 6,508 | 1,665 | 3, 026 | 8,247 | 5,221 |
| Indiana. | 12 | 178 | , 31 | 185 | 54 | 153 | 372 | 219 |
| Iowa. | 17 | 350 | 232 | 1,979 | 332 | 639 | 2,367 | 1,728 |
| Kansus. | 4 | 25 | 1 | 132 | 26 | 19 | 85 | 66 |
| Kentacky | 6 | 86 | 102 | 189 | 62 | 126 | 368 | 242 |
| Maryland. | 9 | 72 | 61 | 147 | 71 | 118 | 288 | 170 |
| Massachusotts | 21 | 309 | 198 | 517 | 318 | 343 | 1,060 | 717 |
| Michignn... | 25 | 260 | 87 | 794 | 275 | 386 | 1,080 | 694 |
| Minnesota. | 31 | 989 | 504 | 2, 106 | 956 | 1, 243 | 4,084 | 2, 841 |
| Missouri. | 21 | 294 | 119 | 538 | 243 | 479 | 1, 044 | 565 |
| Now Jersey | 17 | 558 | 453 | 2, 406 | 509 | 879 | 2,544 | 1,665 |
| Now York. | 172 | 2,172 | 1,737 | 4,717 | 2,145 | 3,413 | 8,442 | 5, 029 |
| Ohio.. | 70 | 1,907 | 2,161 | 6,110 | 1,605 | 3,167 | 7,904 | 4,737 |
| Oklahoma | 3 | 7 | 3 | 12 | 14 | 6 | 31 | 25 |
| Oregon... | 9 | 16 | 3 3 | 13 | 23 | 22 | 77 | 55 |
| Pennsylvania. | 114 | $\therefore 353$ | 223 | 899 | 397 | 650 | 1,621 | 971 |
| Rhode Island. | 6 | 19 | 11 | 30 | 22 | 31 | 83 | 52 |
| Tennessee. | 7 | 35 | 9 | 57 | 33 | 29 | 114 | 85 |
| Texas.. | 7 | 28 | 6 | 142 | 37 | 26 | 135 | 109 |
| Utah. | 3 | 14 | 6 | 15 | 15 | 31 | 46 | 15 |
| Virginia | 4 | 34 | 15 | 49 | 22 | 56 | 107 | 51 |
| Washington.. | 5 | 29 | 2 | 27 | 52 | 29 | 112 | 83 |
| West Virginia. | 5 | 5 | + ${ }_{2}^{8}$ | - 130 | 4 | 17 | , 31 | 14 |
| Wisconsin....... | 17 | 461 | 148 | 569 | 308 | 492 | 1, 140 | 648 |
| All other states ${ }^{1}$. | 17 | 107 | 100 | 232 | 113 | 203 | 472 | 269 |

SILK GOODS, INCLUDING THROWSTERS,

| United States. |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

[^88]TAble 225.-SUMMARY FOR INDUSTRTES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

SILVERSMITHITG AND SILVERWARE.


SLAUGHTERING AND MEAT PACEING.

| 1919 | 1304 | 180,996 | 359, 212 | \$1,176,484 | \$209, 489 | \$3,782,930 | \$4,246,201 | \$463, 361 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. | 1,279 | 98, 832 | 253,060 | 53.4, 274 | 62, 136 | 1, 44, 663 | 1, 651,965 | 210, 302 |
| 1909. | 1,221 | 87, 813 | 202, 482 | 378, 319 | 50,404 | 1, 141, 438 | 1,355, 544 | 164, 106 |
| 1904 | -029 | 74, 134 | 115, 956 | 237, 71.5 | 40, 327 | 805, 857 | 913,915 | 108,057 |
| 1890 | 882 | 68, 386 | 85, 008 | 188,800 | 33, 302 | 682, 097 | 783, 779 | 101,082 |
| 1889 | 1,118 | 43, 975 | 46, 040 | 116,888 | 24, 305 | 480, 962 | 561, 612 | 80,650 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | , | 549 | 1,548 | 1,877 | 482 | 4,888 | 6, 125 | 1,237 |
| Arizona. | 4 | 57 |  | 326 | 72 | 1,180 | 1,406 | 226 |
| Arkansas | 7 | 59 | 337 | 292 | 47 | , 975 | 1,218 | 243 |
| California | 91 | 3,405 | 13,325 | 30,743 | 4, 158 | 77,416 | 92, 054 | 15,138 |
| Colorado. | 21 | 1,848 | -4,036 | 8,085 | 2, 149 | 35, 780 | 41,008 | 5,222 |
| Delaware | 15 | 117 | 385 | 785 | 128 | 2,859 | 3,285 | 426 |
| District of | 6 | 208 | 917 | 1,847 | 246 | 4,228 | 5,012 | 784 |
| Florida. | 8 | 348 | 918 | 1,676 | 279 | 4,816 | 5,316 | 500 |
| Georgia | 7 | 869 | 8,201 | 4, 046 | 667 | 6,764 | 8, 142 | 1,378 |
| Idaho. | 12 | 89 | 474 | 1,150 | 117 | 1,441 | 1,701, | 350 |
| Illinois | 72 | 54, 179 | 86, 636 | 430, 376 | 79,983 | 1, 142, 950 | 1,284, 103 | 141, 108 |
| Indian | 57 | 5, 691 | 11, 305 | 28,565 | 5,470 | 121, 600 | 134, 029 | 12, 339 |
| Iowa. | 21 | 7,184 | 15,527 | 59, 818 | 8,738 | 204, 421 | 226,362 | 21,941 |
| Kansas | 28 | 17,805 | 34,603 | 96, 067 | 20, 888 |  | 427, 668 | 39,804 |
| Kentucky | 26 | ${ }^{4} 450$ | 1, 441. | 1,981 | 437 | 10, 659 | 12,954 | 2,295 |
| Louisiana | 3 | 248 | 1, 391 | 1,035 | 223 | 446 | 849 | 403 |
| Maine. | 17 | 123 | 325 |  | 133 | 1, 647 | 2,043 | 306 |
| Maryland | 47 | 1, 663 | 5, 076 | 12,780 | 1,073 | 33, 520 | 41, 439 | 7,919 |
| Massiachuse | 40 | 4, 307 | 8,050 | 42, 216 | 5, 391 | 101, 235 | 110,238 | 9,003 |
| Michigan. | 24 | 1,712 | 4,746 | 16,481 | 2,277 | 40, 775 | 69, 588 | 9,810 |
| Minnesote | 13 | 5,281 | 11,223 | 24, 731 | (6), 449 | 128, 500 | 1446,301 | 17,885 |
| Missouri. | 49 | 8,290 | 19, 1966 | 98,959 | 10,378 | 228, 003 | 246, 610 | 18,001 |
| Montana | 12 | 210 | 1,714 | 3,371 | 274 | 5, 8224 | 0,859 | 1,085 |
| Nebrask | 16 | 10,122 | 20,367 | 57,763 | 13, 914 |  |  | 32, 387 |
| Novada. | 4 | . 118 | 702 | 1,471 | 123 | $2,723$ | 2,039 | ${ }^{218}$ |
| Now Jorse | 46 | 3,566 | 9560 | 20, 674 | 4, 347 | 100, 404 | 110,221 | 9,817 |
| Now York | 130 | 6,640 | 18,799. | 60,315 | 8,968 | 230, 049 | 250,088 | 25,989 |
| North Carolin | 4 |  | 524 |  |  | 323 | 457 | 134 |
| Ohio. | 141 | 5,336 | 1.9,926 | 32,340 | 6,689 | 150,508 | 170,338 | 19,740 |
| Oregon. | 21 | 772 | 3,048 | 5,256 |  |  | 15,808 | 2,119 |
| Ponnsylvania | 176 | 4,438 | 1.5,325 | 27, 833 | 5,340 | 107, 281 | 122,862 | 15, 581 |

1 Manufactures of silver.
${ }^{2}$ Includes: California, 3 establishments; Now Hampshire, 1.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

SLAUGHTERING AND MEAT PACKING-Continued.

| States, 1919-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rhode Island | 22 | 264 | 555 | \$2,159 | \$257 | \$5, 968 | \$6,807 | \$839 |
| Tonnessee. | 16 | 331 | 837 | 1, 600 | 279 | 4, 965 | 5,706 | 741 |
| Texas. | 19 | 5,072 | 14,055 | 21, 325 | 5,757 | 106,752 | 125, 192 | 18, 440 |
| Utah. | 11 | 446 | 1,104 | 3,976 | 470 | 10,032 | 11, 124 | 1,092 |
| Vrrginia. | 25 | 502 |  | 3,156 | 456 | 6, 228 | 7,590 | 1,362 |
| Washindton.. | 29 | 1,222 | 3, 821 | 12,759 | 1, 716 | 29,125 16 | 34,389 19,044 |  |
| West Virginia | 10 | 1639 3,218 3,58 | 3,076 7,712 | 4,296 21,647 | 716 3,706 | 16,799 89,904 | 19,044 102,182 | 2,245 12,278 |
| Wisconsin........ | 21 | 3,218 3,772 | 7,712 9,256 | 21,647 21,982 | 3,706 4,708 | 89, <br> 79, <br> 14 | 102, 8182 | 7, 7 , 059 |

SMELTING AND REFINING, COPPER.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919 | 34 | 17,345 | 321, 610 | \$308, 680 | \$25,723 | \$581, 410 | \$651, 102 | \$66, 692 |
| 1914 | 37 | 17,731 | 194,980 | 171, 420 | 16, 149 | 379, 157 | 444, 022 | 64, 865 |
| 1909 | 38 | 15, 628 | 158, 120 | 111,443 | 13,390 | 333, 532 | 378, 806 | 45, 274 |
| 1904. | 40 | 12, 752 | 76,524 | 76, 825 | 10, 827 | 190, 737 | 240, 758 | 44, ${ }^{4}$ |
| 1899. | 47 | 11, 324 | 61,630 | 53,083 | 8,529 | 122, 174 | 165, 132 | 42,958 |
| States, 1919, |  |  | - |  |  |  |  |  |
| Arizona. | 10 | 3, 112 | 86, 253 | 83,013 | 4,772 | 78,669 | 94, 184 | 15, 515 |
| California. | 3 | 289 | 5, 843 | 6,138 | 428 | 1,737 | 2, 532 | 795 |
| Michigan. | 4 | 709 | 3,708 | 5,941 | 847 | 25,745 | 32,725 | 6,980 |
| New Jersey | 4 | 4, 066 | 496,683 | 67,695 15,893 | 5,345 14,331 | 231,413 246,846 | 244,269 277,392 | 12,856 30,546 |
| All other states ${ }^{2}$. | 13 | 9,169 | 176,123 | 145,893 | 14,331 | 246,846 | 277,392 | 30, 510 |

SMELTING AND REFINING, LEAD.

|  |  |  |  | \$115 677 | \$9,180 | \$179, 374 | \$196,795 | \$17,421 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919 | ${ }_{22}^{25}$ | 6,438 | 29, 734 | \$143, 249 | 6,134 | 154,015 | 171, 579 | 17, 564 |
| 1914 | 28 | 7,424 | 26, 954 | 132,310 | 5, 431 | 151, 963 | 167, 406 | 15, 443 |
| 1904 | 32 | 7,573 | 25, 667 | 63, 823 | 5,375 | 168,958 | 185, 827 | 16,869 |
| 1899. | 39 | 8,319 | 16, 342 | 72,149 | 5,089 | 144, 195 | 175, 466 | 31, 271 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Utah. | 3 | 1,749 4,689 | 14,110 38,455 | 18,153 97,524 | 2,700 6,480 | 23,738 155,636 | r169,277 | 13,641 |

SMELTING AND REFINING, METALS, NOT ELSEWHERE SPECIFIED. 4

| 1919 | $\ldots \ldots \ldots \ldots \ldots \ldots$ | 13 | 2,041 | 11,700 | $\$ 20,228$ | $\$ 2,963$ | $\$ 14,957$ | $\$ 20,075$ | $\$ 5,118$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

[^89]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

SMELTING AND REFINING, NOT FROM THE ORE.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 81 | 2,167 | 7,921 | \$22,157 | 83,093 | \$40,676 | \$50,246 | \$9,570 |
| 1914 | 84 | 2,585 | 10,075 | 21,456 | 1,884 | 31, 251 | 39,902 | 8,651 |
| 1909. | 89 | 2, 147 | 10,705 | 13, 834 | 1,281 | 23, 162 | 28, 072 | 4,910 |
| 1904. | 05 | 1,712 | 17,111 | 9,807 | 995 | 13,760 | 17,403 | 3,643 |
| 1899. | 61 | 983 | 8,633 | 5,201 | 532 | 5,900 | 7,785 | 1,885 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Illinois. | 17 | 479 | 1,610 | 4,029 | 637 | 9,316 | 11,233 | 1,917 |
| Indiana. | 4 | 257 | 915 | 2,945 | 435 | 3,410 | 4,809 | 1,489 |
| Michigan. | 4 | 25 | 73 | 187 | 45 | 405 | 549 | 144 |
| New Jersey | 10 | 468 | 2,375 | 4,050 | 748 | 3,651 | 5,059 | 1,408 |
| New York. | 11 | 186 | 418 | 3,120 | 238 | 12,678 | 14,76'2 | 2,084 |
| Ohio. | 7 | 88 | 130 | 1,334 | 109 | 1,682 | 2,288 | 006 |
| Pemnsylvania | 11 | 188 | 378 | 2,633 | 255 | 5,051 | 5,913 | 862 |
| All other states 1 | 17 | 476 | 2,022 | 3,859 | 626 | 4,483 | 5,543 | 1,060 |

SMELTING AND REFINING, ZINC.

| Uniteit States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919................... | - 39 | 13,706 | 73,604 | \$98,757 | \$17,783 | \$70, 015 | \$104, 123 | \$34, 108 |
| 1914. | 29 | 9,617 | 36,705 | 36,388 | 6,700 | 39, 573 | 53, 538 | 13, 965 |
| 1909. | 29 | 6,655 | 21,457 | 27,760 | 4,210 | 25, 230 | 34, 206 | 8,976 |
| 1904. | 31 | 6,528 | 18,404 | 23,702 | 3,856 | 17,028 | 24,791 | 7,763 |
| 1899. | 31 | 4,869 | 11, 145 | 14, 142 | 2,356 | 13,286 | 18,188 | 4,902 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Arkansas. | 3 | 547 | 1,283 | 1,801 | 698 | 3,607 | 4,423 | 816 |
| Colorado | 4 | 405 | 2,071 |  |  |  | 1,443 | 547 |
| Illinois. | 7 | 4,224 | 19,796 | 29, 895 | 4,994 | 18,453 | 24,954 | 6, 501 |
| Kansas. | 3 | 717 | 3,523 | 4,372 | 885 | 4,604 | 0,038 | 1,374 |
| Okiahoma. | 11 | 2,272 | 6,952 | 12,045 | 3,174 | 14, 5550 | 19,518 | 4,968 |
| All other states 2 | 11 | 5,031 | 39,979 | 49, 149 | 7,620 | 27, 845 | 47,747 | 19,902 |

SOAP.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 348 | 20,436 | 33,710 | \$212,417 | \$21, 228 | \$238, 519 | \$316,740 | 878,221 |
| 1914 | 371 | 14, 172 | 35,737 | 92, 872 | 8,088 | 88, 807 | 127,942 | 39, 075 |
| 1909. | 420 | 12,999 | 28,360 | 71,951 | 6,227 | 72, 179 | 111,358 | 39,179 |
| 1904. | 436 | 11,044 | 20,228 | 54,816 | 4,763 | 43, 626 | 68,275 | 24, 649 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 27 | 608 | 1,520 | 6,908 | 610 | 8,312 | 11,295 | 2,983 |
| Colorado. | 6 | 11 |  | 19 | 13 | 104 |  | 31 |
| Connecticu | 6 | 445 | 1,054 | 2,721 | 423 | 2,178 | 5,145 | 2,967 |
| Illinois.. | 29 | 2,270 | 2,578 | 14, 908 | 2,367 | 19, 484 | 25, 734 | 6,200 |
| Indiana. | 10 | 540 | 1,247 | 3,763 | 532 | 3,071 |  |  |
| Iowa | 7 | 82 | 140 | 1,009 | 68 | 994 | 1. 4280 | ${ }_{3}^{434}$ |
| Louisiana. | 6 | 24 | 100 | 111 | 11 | 40 | 70 | 30 |
| Massachuset | 27 | 1,008 | 2,785 | 14,903 | 984 | 11,173 | 18,730 |  |
| Minnesota. | 7 |  | - 203 | 3.453 | 41. | -622 |  |  |
| Missouri... | 16 | 652 2.889 | $\stackrel{1}{1,617}$ | 3,952 24,971 | $\begin{array}{r}564 \\ 3,082 \\ \hline 8\end{array}$ | 5,688 27,347 | 8,556 37,382 382 | 2,888 10,035 |
| New Jersey Now York | 16 56 | 2,889 4,159 | 3,942 | 24,971 48,583 | 3,082 4,319 1,68 | 27,347 37,784 | 37,382 <br> 50,844 | 10,035 |
| Naw York..... | 56 53 | 4, ${ }^{4}, 214$ | 8,142 2,647 | 48,683 | 1, 1,634 | - 10,353 | 50,844 16,063 | 13, 5,710 |

[^90]; Includes: Indiana, 2 establishments; Iowa, 1 ; New Jersoy, 1 ; Pennsylvania, 3 ; Utah, 1 ; West Virginia, 3.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| yEAR AND StATE. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

sOAP-Continued.

| Statcs, 1010-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rhode Island. | - 8 | 117 | 235 | \$933 | \$99 | \$1,256 | \$1,944 | \$688 |
| Utah. | - 4 | 4 | 35 | 135 | 4 | 6 | 14 | 8 |
| Washington | - 5 | 10 | 125 | 100 | 12 | 48 | 98 | 50 |
| Wisconsin.. | 11 | 691 | 729 | 7,705 | 607 | 5,720 | 8,909 | 3,189 |
| All other statos ${ }^{\text {a }}$ | - 63 | 5,666 | 6,575 | 68,559 | 5,858 | 104,359 | 123, 893 | 19,534 |

SODA-WATER APPARATUS.


SPORTING AND ATHLETIC GOODS.


[^91]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage carners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

SPRINGS, STEEL, CAR AND CARRIAGE, NOT MADE IN STEEL WORKS OR ROLIING MIILS.

| 1919. | 112 | 8,981 | 16,585 | 845,472 | \$11,158 | \$28,019 | \$51,480 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914 | 84 | 3,703 | 8,098 | 11,083 | 2,602 | 6,143 | 11,595 | -5,452 |
| 1909. | 54 | 3, 196 | 7,349 | 8,784 | 1,853 | 4,727 | 9,005 | 4, 278 |
| 1904. | 52 | 2,476 | 5,510 | 4,016 | 1,243 | 2,742 | 5,741 | 2,999 |
| 1899. | 48 | 2,102 | 3,185 | 4,684 | 1,061 | 3,025 | 5,690 | 2,665 |
| 1889. | 57 | 1,734 | 3,165 | 3,459 | 963 | 2,219 | 4, 332 | 2,113 |
| 1879 | 59 | 1,530 |  | 1,760 | 699 | 2,347 | 3,655 | 1,308 |
| 1869 | 41 | 1,021 | 1,183 | 2,427 | 602 | 1,663 | 2,929 | 1,266. |
| 1859. | 40 | 1,009 |  | 1,264 | 408 | 1,093 | 2,117 | 1,024 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 10 | 151 | 262 | 556 | 230 | 404 | 921 | 517 |
| Connecti | 5 | 1,041 | 1,519 | 3, 617 | 1,229 | 1,653 | 3.955 | 2,302 |
| Illinois. | 12 | 1,104 | 1,797 | 5,316 | 1,134 | 3,725 | 6,938 | 3,213 |
| Massachusetts. | 7 | 51 | 156 | 193 | 60 | 84 | 216 | 132 |
| Michigan. | , | 1,870 | 1,780 | 3,707 | 2,242 | 5,426 | 8,472 | 3,046 |
| Now York. | 20 | 743 | 1,242 | 1,820 | 799 | 1,453 | 3,403 | 1,950 |
| Pennsylvania | 18 | 1,618 | 4,725 | 11,205 | 2,162 | 6,478 | 11,639 | 5,161 |
| Washington.... | $3{ }^{3}$ |  | 62 $-5,036$ |  | 3, 278 | 34 8,762 | 96 15.840 | 62 7078 |
| All other states 1 | 31 | 2,384 | 5,036 | 19,005 | 3,277 | 8,762 | 15,840 | 7,078 |

STAMPED AND ENAMELED WARE, NOT ELSEWEERE SPECIFIED.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 323 | 34, 248 | 51,441 | \$132,222 | \$34,851 | \$65, 457 | \$143,654 | \$78,197 |
| 1914 | 270 | 28,731 | 34,767 | 68,979 | 15,243 | 32,472 | 65, 121 | 32,649 |
| 1909 | 289 | 25,413 | 27,829 | 52, 586 | 11,458 | 26,376 | 51,622 | 25,246 |
| 1904 | 174 | 13,560 | 10, 088 | 23,108 | 5, 660 | 10,525 | 21,958 | 11, 433 |
| 1899 | 139 | 10,002 | 16,597 | 13, 954 | 3,730 | 7,333 | 14,546 | 7,213 |
| 1889. | 123 | 8,018 | 4,864 | 10,069 | 3,452 | 5,624 | 11,722 | 6,098 |
| 1879. | 30 | 2,941 |  | 2,476 | 1,014 | 2,660 | 4,319 | 1,659 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 8 | 254 | 686 | 696 | 315 | 741 | 1,380 | 639 |
| Connectic | 26 | 2,288 | 2,565 | 8,394 | 2,148 | 2,993 | 7,423 | 1,430 |
| Illinois. | 22 | 2,450 | 3,669 | 12,035 | 2,463 | 4,483 | 9,216 | 4,733 |
| Indiana. | 7 | 1,377 | 2,202 | 2,925 | 1,332 | 1,975 | 5,248 | 3,273 |
| Maryland. | 7 | 3,486 | 7,137 | 19,275 | 3,341 | 6,721 | 13,075 | 6,354 |
| Massachuse | 19 | 676 | -903 | 1,997 | 769 | 1,081 | 2,631 | 1,550 |
| Michigan. | 21 | 1,185 | 1,248 |  | 1,214 |  | 7,636 | 3,793 |
| Missouri. | 7 | 662 | 1,277 | 3,471 | 67. | 2,973 | 5,427 | 2,454 |
| New Jersey | 29 | 2,446 | 2,126 | 5,256 | 2,450 | 2,459 | 6,809 | 4,350 |
| New York | 74 | 8,059 | 8,175 | 30,971 | 8,293 | 15,224 | 34,709 | 19,485 |
| Ohio. | 49 | 3, 834 | 5,459 | 13,933 | 3,963 | 7,372 | 15,466 | 8,094 |
| Pennsylvania | 30 | 2,179 | 4,192 | 7,308 | 2,302 | 4,201 | 8,479 | 4,278 |
| West Virginia | 5 | - 1,233 | 2,852 | 2,780 | 859 | 1,782 | 4,183 | 2,451 |
| Wisconsin... | 8 | 3,512 | 6,958 | 16, 328 | 4,175 | 8,236 | 19,600 | 11,364 |
| All other states | 11 | 607 | 2,012 | 2,652 | 553 | 1; 423 | 2,372 | 949 |

[^92]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{gathered} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{gathered}$ | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

STATIONERY GOODS, NOT ELSEWHERE SPECIFIED. 1

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 223 | 11,261 | 8,342 | \$36,701 | \$9,578 | \$28, 160 | \$58,363 | \$30, 203 |
| 1914 | 189 | 7,728 | 5,703 | 18,186 | 3,791 | 10,763 | 21,903 | 11, 140 |
| 1909 | 153 | 6,206 | 6, 842 | 13,508 | 2,736 | 7,744 | 16,647 | 8,903 |
| 1004 | 143 | 4,295 | 3,396 | 6,929 | 1,500 | 3,920 | 8,867 | 4,947 |
| 1899. | 113 | 3,032 | 1,706 | 4,495 | 958 | 2,128 | 5,066 | 2,938 |
| 1889 | 206 | 4,315 | 1,883 | 5,439 | 1,685 | 5,328 | 9,456 | 4, 128 |
| 1879. | 159 | 3,117 |  | 3,286 | 1,160 | 3,501 | 5,898 | 2,397 |
| 1859. | 32 | 392 |  | 144 | 106 | 81 | 325 | 244 |
| States, 1910. |  |  |  |  |  |  |  |  |
| Connecticut. | 8 | 110 | 98 | 407 | 101 | 188 | 477 | 289 |
| Illinols. | 32 | 1, 668 | 1,366 | 7,623 | 1,550 | 3,230 | 8,950 | 5,720 |
| Indiaua | 7 | 227 | 205 | 634 | 150 | 775 | 1,279 | 504 |
| Iowa. | 3 |  |  | 15 8870 |  | ${ }^{5}$ | 15, 238 | - 18 |
| Massachuset | 30 9 | 3,305 160 | 1,500 | 8,879 | $\begin{array}{r}2,620 \\ \hline 154 \\ \hline\end{array}$ | 7,265 315 | 15, 162 | 7,897 467 |
| New Jorsey Now | 77 | 2, 160 | 1,259 | 6,171 | 154 2,119 | $\begin{array}{r}7,315 \\ 7,070 \\ \hline\end{array}$ | - 12.948 | 4,87 5,878 |
| Ohio... | 12 | ${ }^{2} 766$ | -754 | 3,260 | 769 | 2,162 | 4,646 | 2,484 |
| Pemnsylvania | 18 | 781 | 984 | 3,258 | 574 | 2,217 | 4,177 | 1,980 |
| All other states ${ }^{\text {a }}$ | 27 | 1,889 | 2,022 | 6,063 | 1,540 | 4,933 | 9,919 | 4,986 |

STATUARY AND ART GOODS.


[^93]

| Year and state. | Num- ${ }_{\text {Nat }}^{\text {Ner of }}$ ( | Wagu carnms (avernge mum- ber) | Primary horsiom fower. | ('tpilitl. | Wing: Finrus | (10sicol antalerials. <br> and int thon | Valun or produchs. <br> : 41 ): | Value ulded by manifacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

STEAM FITTINGS AND STEAM AND HOT-WATER HEATING APPARATUS.


STEAM PACKING.


[^94]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Num ber of estab-lishments | Wage earners (average num. ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

STEEL BARRELS, DRUMS, AND TANKS.

| Unitch States. <br> 1919 | 33 | 3,322 | 10, 554 | \$18,218 | \$4,435 | \$15, 151 | \$24, 943 | 89, 702 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| States, 1919. |  |  |  |  |  |  |  |  |
| minois.. | 4 | 202 | 198 | 1,492 | 185 | 975 | 1,840 | 865 |
| Ohio-........ | 13 | 1,581 | 6,624 | 11, 182 | 2,482 | 9,702 | 14,553 | 4,851 |
| Pennsylvania.... | 5 |  |  |  | 310 | 9 937 | 1,633 | -696 |
| All other states ${ }^{1}$. | 11 | 1,317 | 3,109 | 4,815 | 1,458 | 3,537 | 6,917 | 3,380 |

STENCILS AND BRANDS. ${ }^{2}$

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 84 | 417 | 374 | \$1, 111 | \$429 | \$514 | \$1,598 |  |
| 1914. | 107 | 446 | 411 | -863 | 301 | 332 | 1,103 | \$1,084 |
| 1909. | 95 | 379 | 259 | 561 | 225 | 202 | 1,769 | 567 |
| 1904. | - 103 | 530 | 392 | 683 | 285 | 172 | 793 | 621 |
| 1899. | 92 | 418 | 156 | 533 | 206 | 141 | 674 | 533 |
| 1889. | 106 | 357 | 36 | 445 | 209 | 168 | 733 | 565 |
| 1879. | 104 | 305 | * | 225 | 140 | 145 | 473 | 328 |
| 1850. | 4 | 8 |  | 2 | 3 | 1 | 8 | 7 |
| States, 1919. | \% |  |  |  |  |  |  |  |
| Connecticut. | 3 | 15 | 24 | 57 | 17 | 17 | 48 | 31 |
| Illinois.... | 5 | 13 | 7 | 20 | 14 | 10 | 39 | ${ }_{29}$ |
| Massamhuset | 12 | 28 | 17 | 50 | 28 | 24 | 106 | 82 |
| Michigan.. | 4 | 23 | 31 | 49 | 29 | 48 | 117 | 69 |
| New Persey | 3 | 11 | 11 | 19 | 7 | 6 | 22 | 16 |
| Now York. | 16 | 122 | 87 | 257 | 121 | 171 | 463 | 292 |
| Ohio...... | 11 | 79 | 80 | 245 | 95 | 74 | 304 | 230 |
| Pennsylvania... | 11 | 47 | 40 | 210 | 51 | 69 | 189 | 120 |
| All other states ${ }^{\text {3 }}$ | 19 | 79 | 77 | 204 | 67 | 95 | 310 | 215 |

STEREOTYPING AND ELECTROTYPING.


[^95]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FUR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments | Wage carners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

STEREOTYPING AND ELECTROTYPING-Continued.

| States, 1919-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Missouri. | 5 | 125 | 351 | \$178 | \$175 | \$136 | \$540 | \$404 |
| New Jersey | 4 | 50 | 113 | 89 | 64 | 60 | 160 | 100 |
| New York. | 47 | 1,048 | 2,635 | 3,078 | 1,535 | 1,477 | 4,922 | 3,445 |
| Ohio. | 17 | 488 | 1,350 | 709 | 545 | 822 | 1,975 | 1,153 |
| Pennsylvania | 15 | 345 | 752 | 744 | 528 | 351 | 1,757 | 1,406 |
| Tennessee... | 4 | 24 | 74. | 62 | 33 | 15 | 100 | - 85 |
| Wisconsin. | 4 | 42 | 207 | 78 | 52 | 44 | 183 | 139 |
| All other states ${ }^{1}$ | 10 | 98 | 387 | 210 | 103 | 86 | 352 | 266 |

STOVES AND HOT-AIR FURNAGES.

| United States. |  |  |  | \$122,813 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919 | 438 | 20, 535 | 41, 196 | 78, 524 | 20,777 | \$65, 2302 | 514, 941 | $\$ 90,915$ $4+139$ |
| 1909 | 482 | 32, 118 | 40,248 | 74, 538 | 10, 874 | 23, 529 | 65̄,908 | 42,469 |
| 1904. | 415 | 29,728 | 28,414 | 52,971 | 17,823 | 18,484 | 54, 409 | 35, 925 |
| States, 1019. |  |  |  |  |  |  |  |  |
| Alabama. | 6 | 317 | 495 | 579 | 340 | 351 | 995 | 644 |
| California | 15 | 332 | 473 | 1,187 | 483 | 785 | 1,982 | 1,197 |
| Georgia. | 6 | 274 | 481 | 775 | 294 | 335 | 996 | 661 |
| Illinois. | 56 | 4,880 | 6,713 | 18,379 | 6,537 | 8,510 | 22,523 | 14,013 |
| Indiana. | 25 | 1,656 | 2,880 | 5,330 | 2,076 | 3,182 | 7,762 | 4,580 |
| Iowa. | 10 | 412 | 636 | 2,914 | 547 | 990 | 3,096 | 2,106 |
| Kentucky | 6 | 454 | 513 | 1,247 | 433 | 461 | 1,408 | 947 |
| Maine. . | 4 | 165 | 224 | 663 | 179 | 131 | 479 | 348 |
| Maryland | 6 | 329 | 482 | 1,326 | 410 | 54 S | 1,251 | 703 |
| Masstehuset | 15 | 1,386 | 2,429 | 4,757 | 1,785 | 1,671 | 5,577 | 3,906 |
| Michigan. | 21 | 4,240 | 8,480 | 18, 843 | 5,859 | 6,288 | 20,489 | 14,201 |
| Minnesota | 12 | 236 | 338 | 681 | 232 | 406 | 1,055 | 649 |
| Missouri.. | 19 | 2,462 | 2, 994 | 11,888 | 2,977 | 6,065 | 15,340 | 9,275 |
| New Jorsey | 8 | 964 | 1,372 | 3,054 | 1,544 | 2,127 | 4,822 | 2,695 |
| New York | 20 | 1,773 | 2,530 | 6,972 | 2,386 | 2,601 | 7,423 | 4,822 |
| Ohio.. | 67 | 6,068 | 9,209 | 20,050 | 7,42.4 | 10,797 | 25,009 | 14,212 |
| Oregon. | 8 | 126 | 136 | 246 | 184 | 181 | 598 | 417 |
| Pennsylvania | 56 | 3,210 | 4,734 | 11,996 | 3,872 | 3,921 | 11,783 | 7, 802 |
| Tennessce. | 16 | 1,711 | 1,051 | 3,738 | 1,523 | 1,916 | 5,187 | 3,221 |
| Virginia. | 5 | 334 | 498 | 1,360 | 302 | 539 | 1,309 | 857 |
| Washington | 8 | 131 | 176 | 275 | 188 | 171 | 1330 | 359 |
| Wisconsin. | 10 | 858 | 1,876 | 4,230 | 1,075 | 2,266 | 4,120 | 1,863 |
| All other states ${ }^{2}$ | 15 | 549 | 759 | 2,323 | 652 | 561. | 1,038 | 1,377 |

STOVES, GAS AND OIL.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 176 | 10,565 | 11, 295 | \$45, 734 | \$12,579 | \$24, 472 | \$55,792 | \$31,320 |
| 1914. | 113 | 7,790 | 7,954 | 16,646 | 5,088 | 10, 153 | 21, 449 | 11,296 |
| 1909. | 94 | 5,012 | 5,276 | 12,409 | 3,071 | 5,809 | 12, 856 | 7,047 |
| 1804. | 79 | 3, 676 | 3,608 | 9,982 | 1,946 | 3,787 | 7,724 | 3,987 |
| 1899. | 35 | 2,471 | 1,728 | 3,766 | 1,138 | 2,502 | 4,580 | 2,078 |
| 1888 | 24 | 923 | 483 | 1,200 | 507 | 840 | 2,138 | 1,298 |

1 Includes: District of Columbia, 2 establishments; Iowa, 1; Kentucky, 2; Maine, 1; Oregon, 1; Rhode Island, 1; Virginia, j.; Washington, 1
${ }^{2}$ Includes: Connecticut, 3 ostablishments; Idaho, 1; Kansas, 2; Nebraska, 2; North Carolina, 1; Oklahoma, 1; Rhode Island, 1; Texas, 1; Voriont, 1; West Virginia, 2.
${ }^{3}$ Gas stoves only.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

STOVES, GAS AND OII-Continued.

| States, 1010. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| California | 27 | 138 | 127 | \$446 | \$196 | \$404 | \$842 | \$438 |
| Illinois... | 13 | 632 | 805 | 3,858 | 747 | 2,174 | 4,016 | 1, 842 |
| Massachusotts. | 4 | 405 | 544 | 1,557 | 476 | 612 | 1,934 | 1,322 |
| Michigan. | 7 | 1,001 | 902 | 4,564 | 1,100 | 2,993 | 7,497 | 4,504 |
| New Jersey | 13 | 523 | 661 | 3,169 | 681 | 1,055 | 2,741 | 1,686 |
| Now York | 20 | 1,073 | 1,313 | 4, 446 | 1,136 | 1,566 | 3,832 | 2,266 |
| Ohio.. | 34 | 4,329 | 3,856 | 18,405 | 5,527 | 10,831 | 23,578 | 12,747 |
| Pennsylvania | 29 | ${ }^{5} 507$ | 864 | 2,820 | 634 | 1,592 | 3,233 | 1,641 |
| West Virginia | 4 | 37 | 52 | 81 | 33 | 98 | 178 | 80 |
| All other states ${ }^{1}$ | 25 | 1,860 | 2, 171 | 6,388 | 2,049 | 3,147 | 7,041 | 4,794 |

STRUCTURAL IRONWORK, NOT MADE IN STEEL WORES OR ROLLIEG MILLS.

| 1919. | 1,146 | 43, 962 | 165, 347 | \$219,470 | 859,920 | \$168,801 | \$294, 962 | \$126, 161 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1014. | 1,235 | 47, 167 | 109, 374 | 144, 092 | 33, 429 | 87,622 | 159,378 | 71, 756 |
| 1909 | 1,089 | 40, 234 | 80, 278 | 130, 097 | 26, 422 | 76, 659 | 133, 241 | 56, 582 |
| 1904 | , 775 | 34, 276 | 50,719 | 76, 599 | 19,760 | 47, 452 | 90, 945 | 43, 493 |
| 1899 | 697 | 24,903 | 19,673 | 43, 412 | 13, 588 | 38,053 | 66,927 | 28, 874 |
| 1889 | 724 | 17,158 | 9,052 | 21, 968 | 10, 236 | 18,621 | 37,745 | 19, 124 |
| 1879 | 220 | 1,934 |  | 1,400 | 845 | 1,699 | 3,410 | 1,711 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 4 | 212 | 345 | 660 | 137 | 700 | 1,143 | 443 |
| California | 58 | 742 | 3,028 | 3,313 | 951 | 2,625 | 4, 833 | 2,208 |
| Colorado. | 5 | 102 | 465 | 507 | 109 | , 521 | 837 | 316 |
| Connecticut. | 19 | 459 | 772 | 1,285 | 717 | 1,093 | 2,294 | 1,201 |
| District of Col | 8 | 99 | 459 | 568 | 130 | 316 | 644 | 328 |
| Georgia. | 4 | 100 | 343 | 371 | 136 | 410 | 685 | 275 |
| Illinois. | 115 | 3,700 | 11, 803 | 19,594 | 5,003 | 16,570 | 27, 586 | 11,016 |
| Indiana | 23 | 2,015 | 21, 152 | 6,314 | 2,899 | 7, 850 | 14,450 | 6,600 |
| Iowa. | 17 | 224 | - 990 | 1,478 | 256 | 1,010 | - 1,699 |  |
| Kansas | 8 | 536 | 1,755 | 3,447 | 696 | 3,423 | 4,644 | 1,221 |
| Kentucky | 12 | 196 | 824 | 1, 565 | 426 | 467 | 1,015 | 548 |
| Louisiana. | 10 | 94 | 390 | 236 | 113 | 194 | 388 | 174 |
| Maryland | 12 | 623 | 1,361 | 3, 167 | 802 | 1,794 | 3,809 | 2, 015 |
| Massachus | 55 | 1,188 | 2, 454 | 4, 597 | 1, 509 | 3,347 | 6,687 |  |
| Michigan. | 34 19 | 2,318 <br> 2,183 | 4,744 8,918 | 12, 117 | 3,403 <br> 3,047 | 11,015 5 5 | 17,124 9,953 | 6,109 4,328 |
| Minnesota | 19 85 | 2,183 1,063 | 8,918 3,306 | $\begin{array}{r}12,843 \\ 4,728 \\ \hline\end{array}$ | 3,047 1,288 | 5,625 <br> 2,947 | 9, 953 <br> 5,544 | 4,328 $\mathbf{2}, 597$ |
| Nobraska | 9 | 412 | 1,208 | 1,659 | 485 | 1,270 | 2,253 | 983 |
| New Jersey | 73 | 2,115 | 5,077 | 10, 880 | 2,088 | 8,287 | 13, 633 | 5,346 |
| New Yorlc | 301 | 4,872 | 10, 721 | 19, 262 | 5, 882 |  |  | 13, 877 |
| Ohio. | 93 | 5,231 | 21, 998 | 29,327 | 7,492 | 24, 771 | 41, 793 | 17, 022 |
| Oregon. | 6 | 1,111 | 4,618 |  | 1,705 | 3,848 | 6,392 | 2,544 |
| Pennsylvan | 145 | 10,722 | 47, 980 | 66, 169 | 15, 381 | 45, 482 | 78,306 1,774 | 32, 824 |
| Tonnesseo. | 14 | 296 | 740 | 759 | ${ }_{5}^{345}$ |  |  |  |
| Texas | 14 | 460 791 | - $\begin{array}{r}532 \\ 3,037\end{array}$ | 1,932 1,720 | 506 1,119 | 2,100 1.610 | 3,246 3,807 | 1,146 2,197 |
| Washingto | 8 | 179 | 390 | ${ }^{1} 710$ | $\begin{array}{r}1253 \\ \hline 28\end{array}$ | 449 | 881 | 432 |
| Wisconsin. | 21 | 1,308 | 3,681 | 6, ${ }^{502}$ | 1,825 867 | 4,545 2,060 | 8,546 3,591 | 4, 001 |
| All other states ${ }^{2}$. | 25 | 526 | 2,256 | 2,567 | 867 | 2,060 | 3,591 | 1,531 |

[^96]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR TEE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average ber). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manlufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |
| SUGAR, BEET. |  |  |  |  |  |  |  |  |
| United States. | 8560685130 | 11,781 | 127, 39.1 | \$224, 585 | \$15,908 | \$87,029 | \$149, 156 | \$62, 127 |
| 1919. |  |  |  |  |  |  |  |  |
| 1914. |  | 7,997 | 76, 705 | 142, 181 | 6,606 | 41,399 | 62, 605 | 21, 206 |
| 1909. |  | 7,204 | 57, 202 | 129, 629 |  | 27,265 | 48, 122 | 20, 857 |
| 1904. |  | 3,963 | 35, 490 | 55, 923 | 2,487 | 14, 487 | 24, 314 | 9, 9017 |
|  |  | 1,970 | 14, 460 | 20,142 | 1,092 | 4, 804 | 7,324 | 2,520 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 10 | 1,512 | 27, 155 | 45, 839 | 2, 246 | 14,154 | 20,354 | 12,200 |
| Michigan. | 16 | 1,836 | 20, 550 | 27,674 | 2,765 | 16, 682 | 26,379 | 9,697 |
| Ohio. | 5 | 630 | 7,180 | 5,984 | 1,127 | 5,108 | 7,249 | 2,141 |
| Utah.: | 16 | 2, 214 | 14,948 | 39, 923 | 1,999 | 12, 330 | 20, 560 | 7,939 |
| Wisconsin. | 4 | 534 | 3,565 | 3,734 | 325 | 2,059 | 3,216 | 1,187 |
| All other states ${ }^{1}$. | 34 | 5,255 | 53, 096 | 101, 431 | 7,446 | 36,306 | 65,359 | 28, 903 |

SUGAR, CANE.


SUGAR, REFINING, NOT INCLUDING BEET SUGAR.


SULPHURIC, NITRIC, AND MIXED ACIDS.

| United States. |  |  |  | - |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 38 | 4,961 | 30,637 | \$51, 160 | 87,917 | \$15, 857 | \$31,470 | \$15, 118 |
| 1914 | 32 | 3,064 | 24, 927 | 35, 234 | 2,213 | 6, 734 | 15, 215 | 8, 481 |
| 1909. | 42 | 2, 252 | 6,494 | 18,726 | 1,496 | 5,380 | 0,884 | 4,498 |
| 1904. | 32 | 2,447 | 5,416 | 12,782 | 1,505 | 4,973 | 9,053 | 4,080 |
| 1899. | 34 | 2,356 |  | 13, 982 | 1,328 | 4, (133 | 8,596 | 4,563 |

1 Includes: Colorado, 14 establishments; Tdaho, 8; Illinois, 1; Indiana, 1; Iowa, 1; Kansas, 1; Minnosota, 1; Montana 1; Nebraska, 4 ; Washington, 1; W yoming, 1.
${ }^{2}$ Includes: Georgia, 2 establlshments; Jouisiana, 189; Mississippi, 1; South Carollua, 6; Tovas, 1.
sIncludes: Calfornia, 2 establishments; Georgia, 1; Louisiana, 3 ; Massachusetts, $2 ;$ New Jersey, 2; Joxas, 1.

TABLE $2 \Omega 5 .-$-GUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919 Contimued.

| ybar and stath. | $\begin{gathered} \text { Num- } \\ \text { ber of } \\ \text { ettal)- } \\ \text { insht } \\ \text { ments. } \end{gathered}$ | Wage (average ниmher). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manlfacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

SULPFHURIC, NITRIC, AND MIXED ACIDS-Continued.

| Whates, 1919. | 4 | 570875 | 5,2546,056 |  | 81,053 |  | \$5,440 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ('alifornia. |  |  |  |  |  |  |  |  |
| mhnols... | 8 |  |  | 7,577 |  | 2,228 |  | 2,829 |
| Now dersey | 5 | 501 | 1,151 | 4,517 | 876 | 1,596 | 2,804 | 1,208 |
| New York. | 3 | 398 | 1,366 | 3,139 | 574 | 1,254 | 2,670 | 1,416 |
| All otherstates ${ }^{\text {. }}$ | 24 | 2,551 | 16,810 | 29,844 | 3,935 | 8,720 | 15,499 | 6,779 |

SURGICAL APPLIANCES.

| United Stutes, |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1910. | 268 | 6,390 | 12,387 | \$33,003 | \$0,084 | \$22,214 | \$13,534 | \$21,320 |
| 1914. | 238 | 4,282 | (1,361 | 11,883 | 2,211 | 7,098 | 14,920 | 7, 822 |
| 1909 | 194 | 3,809 | 6,170 | 111, 164 | 1, 814 | 5,093 | 11,075 | 5, 982 |
| 1904. | 180 | 2,811 | 3,026 | 5,383 | 1,155 | 2,729 | 6,385 | 3,656 |
| 1890. | 219 | 1,539 | 1,159 | 2,487 | 621 | 1,292 | 3,932 | 2,640 |
| 1889 | 155 | 612 | 1293 | 856 | 301 | - 524 | 1,650 | 1,126 |
| 1879. | 71 | 477 |  | 843 | 265 | 287 | 906 | 619 |
| Strates, 1919. |  |  |  |  |  |  |  |  |
| Calitorna. | 18 | 39 | 36 | 85 | ${ }_{4}^{46}$ | 91 | 218 | 127 |
| Colorado.. | 4 | 7 | 7 | 12 | 10 | 11 | 39 | 28 |
| Comneeldent. | 10 | 205 | 775 | 3,352 | 159 | 619 | 1,013 | 394 |
| Indiana. | 5 | 28 | 27 | 35 | 15 | 25 | 136 | 111 |
| Kansas., | 8 | 23 | 21 | 119 | 15 | 54 | 143 | 89 |
| Massuchuseth | 14 | 609 | 728 | 3,744 | 532 | 4,346 | 6,572 | 2,226 |
| Midhimun. | 9 | 84 | 5 | 82 | 45 | 105 | 491 | 386 |
| Missourd. | 17 | 102 | 112 | 533 | 92 | 405 | 1,060 | 655 |
| Now Joruy | 12 | 1,788 | 5,480 | 10,318 | 1,520 | 6,104 | 12, 112 | 6,008 |
| Now Y'ork. | 74 | 1,652 | 1, 440 | 7,535 | 1,751 | 5,245 | 10,219 | 4,974 |
| Ohio. | 17 | 257 | 115 | 525 | 191 | 451 | . 941 | 490 |
| Pensylvania. | 25 | 509 | 275 | 1,240 | 475 | 702 | 1,678 | 976 |
| Whis other states ${ }^{\text {a }}$. | 52 | 1,067 | 8,359 ${ }^{7}$ | 63 5,420 | 1, 2220 | 4, $\begin{array}{r}43 \\ \hline\end{array}$ | 8,832 | 4,819 |

SUSPENDERS, GARTERS, AND ELASTIC WOVEN GOODS.

${ }^{1}$ Includes: Alabama, 1 astablishment; Arkansas, 1; Colorado, 2 ; Connecticut, 1; Delaware, 1; Kansas, I; Louisdang, 1; Maryland, 1; Massadnusetts, 1 ; Ohio, 5 ; Oklahoma, 1 ; Pennsylvania, $4 ;$ Tennessee, 1 ; Texas, 1, Utioh, 1; Mrginin, 1.
' Indudes: Dolaware, 1 establishmont; Distriet of Columbia, 2 ; Milnols, 24 ; Towh, $2 ;$ Kentucky, 3 ; Louisiana, 1; Maino, 1; Maryland, 2; Mirnesoti, 2; Nobraska, 2; Now Hampshire, 1; Oregon, 2; Rhode Island, 2; South Carolma, 1; Tonnessee, 2: Texas, 1; Utah, 1; Vermont, 1; Washington, 1.
a Inoludes: Colorado, 1 establishraent; 'llinols, 14; Iowa, 2; Louisiana, 1; Maryland, 2; Michigan, 2; Massourl, 2; Nobraska, 1; North Carolina 1.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments | Wage earners (average ner). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

TEXTILE MACHINERY AND PARTS.

| 1919. | 432 | 31,823 | 41,907 | \$129,798 | \$36,529 | \$45, 637 | \$122, 089 | \$76,452 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama. | 4 | 17 | 19 | 22 | 10 | 51 | 67 | 10 |
| Connecticut | 23 | 669 | 819 | 2,772 | 669 | 1,084 | 2,876 | 1,792 |
| Georgia. | 9 | 94 | 78 | 157 | 93. | 189 | 377 |  |
| Maine. | 10 | 1,732 | 3,324 | 3,915 | 2,033 | 2,616 | 0,135 | 3,519 |
| Massachusetts. | 116 | 17,413 | 22,402 | 76,760 | 20,712 | 23, 477 | 65,901 | 42,424 |
| New Hampshir | 11 | 1,109 | 1,313 | 5,132 | 1,164 | 2,470 | 6,223 | 3,753 |
| New Jersey. | 56 | 1,672 | 1,715 | 4,533 | 1,570 | 1,831 | 5,003 | 3,172 |
| New York. | 30 | 706 | 754 | 2,057 | 942 | 1,075 | 2,933 | 1,858 |
| North Carolina | 14 | 305 | 504 | 677 | 245 | 571 | 1,159 | 588 |
| Pennsylvania. | 64 | 3,705 | 4,855 | 16,744 | 4,368 | 5,751 | 14,355 | 8, 6104 |
| Rhode Island. | 60 | 3,776 | 4,751 | 15,006 | 4,190 | 5,674 | 14, 842 | 9, 168 |
| South Caroll | 6 | 134 | 287 | 672 | 101 | 284 | 615 | 331 |
| Tenriessee. | , | 16 | 29 | 47 | 15 | 50 | 88 | 38 |
| Vermont. | 14 | 243 | 786 | 483 | 185 | 286 | 722 | 456 |
| All other states ${ }^{1}$. | 11 | 232 | 361 | 821 | 232 | 248 | 793 | 545 |

THEATRICAL SOENERY.

| 1919. | 177 | $\begin{array}{r}149 \\ 88 \\ \hline 8\end{array}$ | 10465 | $\$ 573$266 | $\$ 238$89 | $\$ 505$125 | $\$ 1,067$327 | $\$ 562$202 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. |  |  |  |  |  |  |  |  |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 3 | 25 | 27 | 102 | 45 | 66 | 176 | 110 |
| New York | 6 | 72 | 61 | 138 | 97 | 323 | 572 | 249 |
| All other states ${ }^{2}$. | 8 | 52 | 16 | 333 | 96 | 116 | 319 | 203 |

TIN AND OTHER FOILS, NOT ELSEWHERE SPECIFIED.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $1919{ }^{3}$ | 15 | 1,908 | 6,991 | \$11,998 | \$1,759 | \$13, 008 | \$17, 921 | \$4,913 |
| 1914. | 14 | 1,031 | 2,458 | 3, 349 | 527 | 3,672 | 5, 068 | 1,396 |
| 1909. | 10 | 683 | 1,699 | 2,505 | 304 | 2,277 | 3,419 | 1,142 |
| 1904. | 14 | 766 | 1,388 | 1,918 | 303 | 1,888. | 2,705 | , 907 |
| 1899. | 15 | 582 | 854 | 2,094 | 228 | 1,074 | 1,593 | 510 |

TIN PLATE AND TERNEPLATE.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919 | 24 | 3,122 | 18,697 | \$84, 315 | \$5,756 | \$73,423 | \$97,405 | \$23, 982 |
| 1914 | 31 | 5, 238 | 9,365 | 20, 847 | 8,924 | 57, 907 | 68,343 | 10, 486 |
| 1909 | 31 | 5,352 | 8,154 | 10,995 | 3,325 | 41, 889 | 47,970 | 6,081 |
| 1904. | 36 | 4,847 | 8,900 | 10,818 | 2,383 | 31, 376 | 35, 283 | 3,907 |
| 1899. | 57 | 3,671 | 3,515 | 6,650 | 1,890 | 26,728 | 31,892 | 5, 164 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Pennsylvania. | 11 | 2,005 | 16, 459 | 20,418 | 3,652 | 44,755 | 58,816 | 14, 061 |
| All other states 4 | 13 | 1,117 | 2,238 | 13,897 | 2,104 | 28, 608 | 38,580 | 0, 921 |

[^97]TABE 2\&\%.-BUMMARY FOR INDUSTRIGS: COMPARATMVGTOR THE UNITED STATES, BX STATES FOR 1919-Continued.


TINWARE, NOT ELSEWHERE SPECIFIED.


TOBAOCO, OHEWING AND SMOKING, AND SNUFF.

|  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. | 306 | 18,924 | 18, 898 | \$188,444 | \$12, 675 | \$130,270 | $\$ 239,271$ 175,281 | $\$ 109,901$ 98,677 |
| 1414. | 486 | 25,900 | 21,273 | 131,808 | 8,050 | 76, 74.46 | 150, 607 | 82,141 |
| 1005. | gto | 27, 282 | 19,203 | 178, 884 | 8,923 6,775 | 74,466 44,954 | 110, 768 | 82, 814 |
| 1004. | 483 | 23, 200 | 18, 885 | 178,848 48,857 | 6,775 7,110 | 44, 35088 | 103, 754 | 68,716 |
| 1809. | 487 | 29,701 20,790 | 17,783 12,124 | 43,857 30,841 | 6,110 | 35,088 29,102 | 103,744 05,844 | 38,652 |
| 1889. | 866 | 39, 32,760 | 12, 12 | 17, 207 | 6,419 | 34, 397 | 52,793 | 18,396 |
| 187. | 177 673 | 32,760 21,700 | - 3, ${ }^{\text {a }}$ | 13,606 | 6,217 | 21, 609 | 38,388 | 16,779 |
| 180. | 020 | 18, 860 | 3, 0 | 8, 9 494 | 3,571 | 13, 025 | 21,821 | 8,796 |
| Sthess, tith. |  |  |  |  |  |  |  |  |
|  | 5 | 18 | 166 | 27 | 17 | 50 | 74 | 24 |
| cmasetr | 11 | 49 | 21 | 101 | 36 | 139 | 279 | 140 |
| lowatis | 6 | 42 | 19 | 344 | 24 | 215 | 433 | 218 |
| Kentuek | 24 | 2,406 | 1,996 | 21,381 | 1,409 | 11,308 | 20, 938 | -, 240 |
| Musmalusotls | 7 | 30 | 148 | 186 | 27 | 4.823 | 9. 574 | 4,751 |
|  | 14 | -816 | 8, 980 | 5,042 | 2,102 |  | 44,922 | 10, 421 |
|  | 11 | 2,702 | 2, 2,183 | 28, 2128 | 1,300 | 12,490 | 24,419 | 11, 929 |
| Now Jatay | 10 | 1,718 | 2, 286 | 1, 408 | - 138 | 12,500 | 2,688 | 1,179 |
| Now I orly | 70 | a, 100 | - 2608 | 28,784 | 61,720 | 18,813 | 33, 188 | 14,375 |
| North Caxalmm | 11 | 2,078 | 1,008 |  | -1, 853 | 3,647 | 5,422 | 1,875 |
| Penmsylvonh. | 64 | 408 | 4,003 | 3, 11 | - 2 | 0,7 | -16 | -9 |
| Rhode lalund. | ${ }^{8}$ | 9.076 | 1.071 | 15,808 | 1,007 | 0,138 | 15, 077 | 5,989 |
| Virglula. | 11 | 2, 408 | 1,820 | 2, 098 | +,208 | 1,973 | 4,119 | 2, 148 |
|  | 101 | 4,080 | 6,428 | 08, 504 | 3,559 | 40,629 | 78,181. | 37,552 |
| All buher status ${ }_{\text {m. }}$ | 10. | 1,08 | 0, 2 | $\mathrm{SS}_{5}$ D. |  |  |  |  |

1 Includes: Arkanasa, 1 establiahment; Colorado, 1 ; Oonnechent, $3 ;$ Georgia, 2; Tadiana, 2; Kansas, 1 ; ital Vommont, 2 ; West Vlrgina, is Wheonsta, 4.



TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by facture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Fxpressed in thousands. |  |  |  |  |

TOBACCO, OIGARS AND GIGARETTES.

| United States. |  |  |  |  | \$111,313 | \$353, 297 | \$773, 602 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919 | ${ }_{13,926}^{9,515}$ | 138, 773 | 13,664 | \$171,982 | \$88,306 | 130, 530 | 314, 881 | \$184, 364 |
| 1914. | 15,362 | 139, 578 | 9, ${ }^{15} \mathbf{2}$, 21 | 131,570 | 60, 432 | 102, 720 | 260, 088 | 157, 308 |
|  | 16,394 | 135, 416 | 6,069 | 145, 136 | 55, 864 | 81, 132 | 211, 3-4.4 | 133, 212 |
| 1899 | 14, 522 | 103,365 | 4,563 | 67, 661 | 40, 806 | 57, 528 | 159, 959 | 102, 131 |
| 1889 | 10, 950 | 87,000 | 2,303 | 59, 518 | 36,475 | 50, 299 | 120,003 | 79, 394 |
| 1879 | 7,145 | 53, 297 |  | 21,699 | 18,465 | 29,578 | (33, (13) | 34, 402 |
| 1869 | 4, 331 | 26,049 | 46 | 11, 369 | 9, 099 | 1.3,047 | 33,37.1 | 20,327 |
| 18591. | 1,478 | 7,997 |  | 3,036 | 2,531 | 3, 51.1 | 9,060 | 5,558 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Alabama. | 25 | 61 |  | 39 | 40 | 49 | 143 | 94 |
| Arizona. | 3 | 18 |  | 12 | 11 | 10 | 27 | 17 |
| Arkansas | 8 | 25 |  | 11 | 18 | 30 | 7.4 | 44 |
| California | 244 | 1,677 | 398 | 6,725 | 1,470 | 4,708 | 10,767 | 5,969 |
| Colorado. | 58 | 389 |  | + 425 | , 422 | 681 | 1, 665 | 784 |
| Connocticu | 193 | 1,263 | 57 | 2,219 | 1,340 | 1,657 | 4,305 | 2, 648 |
| Delaware. | 11 | 303 | 51 | 1,104 | 202 | 号7 | 1,101 | 564 |
| District of Columbia. | 9 | 59 | 7 |  | 41 | 56 | 150 |  |
| Florida. | 280 | 12,393 | 192 | 21, 231 | 11,875 | 15,538 | 37, 9218 | 22,392 |
| Georgia. | 54 | 278 | 16 | 215 37 | 227 | 423 | 918 | 495 |
| Idaho.. | 117 | -18 |  |  | 2,970 | 5,43884 |  |  |
| Illinois. | 1,182 | 3,363 | $\begin{array}{r}76 \\ 556 \\ \hline\end{array}$ | 5,37 10,288 | 2,976 2,467 | 4, 4,979 | 11,828 10,060 | 6, 5100 |
| Indiana. | 225 | ${ }_{1}{ }^{4,1505}$ | 5550 | 10, 1,828 | 1,019 | $\stackrel{4}{1,} 822$ | - 3 , 1777 | 2, 150 |
| Iowa | 88 | 1,339 | 36 | , 456 | , 156 | $\cdots$ | 771 | 411 |
| Kenitucky | 76 | 1,271 | 145 | 2,330 | 734 | 1,636 | 3, 581 | 1,945 |
| Louisiana. | 46 | 2,171 | 339 | 4,511 | 1,052 | 3. 220 | 8,221 | 4, 201 |
| Maine... | $\begin{array}{r}52 \\ 146 \\ \hline\end{array}$ | -106 | ${ }_{4}^{4}$ | 6,329 | 163 1,918 | 3, 5151 | 8,191 |  |
| Maryland | 146 262 | 2, 2,948 | 460 | 6,329 6,097 | 1,927 | 4, 3,56 | 11, 5 (i) | 6,704 |
| Michigan. | 349 | 5,456 | 204 | 9,222 | 4,298 | 8,390 | 15, 119 | 9, 729 |
| Minnesota | 210 | 891 | 62 | 1, 500 | 748 | 1, 172 | 3, 2,0 | 1,739 |
| Missouri. | 279 | 932 | 27 | 884 | 688 | 1,280 | 2, 230 | 1, 541 |
| Montana. | 29 | 44 | 4 | 80 | 57 | 1.45 | 28i |  |
| Nebraska | 82 | 428 | 19 | 778 | 273 | 655 | 1, 183 | 478 |
| Nevada. | 5 |  | 1 | 14 | 6 | ${ }^{178}$ |  |  |
| Now Hamps | 19 308 | 1,059 | 2,353 | 2, 2139 | 1,202 | 14, 100 | 32, 290 | 2,288 18,190 |
| Now Jorsey | 308 | 8,443 | 2,353 | 23,055 3 | 0,431 | 14, 109 | 32, 2097 | 18, 190 |
| New Yoric. | 2,163 | 21,095. | 4,278 | 97, 890 | 18,217 | 69, 0641 | 163, 105 | 91, 044 |
| North Carol | 18 | 11, 688 | 5,419 | 98,599 | 11,374 | 106, 1157 | 223, 038 | 119,679 |
| North Dakota | 14. | 12 |  |  |  |  | 5 | 38 |
| Ohio.. | 676 | 10,995 |  | 1.3,880 | 7,182 | 13, 116 | 2S, 8.84 | 15,739 |
| Oklahom | 18 | 87 |  |  |  |  | 266 307 | 1202 |
| Oregon.. | 1, 41 | 91 30,380 | 3, 717 | 56, , 287 | 22, 184 | 42, 1050 | \% $0 \times 3,371$ |  |
| Pennsylvania | 1,595 | 30,380 $\quad 177$ | 3,717 | 56, ${ }_{365} 88$ | $\begin{array}{r}22,184 \\ \hline 105 \\ \hline\end{array}$ | 12, 217 | -5, $0 \times 3$ | 55, 306 |
| South Dakot | 29 | 162 | 6 | 282 | 124 | 307 | 625 | 318 |
| Tennessee. | 28 | 240 | 13 | 328 | 140 | 258 | 180 | 332 |
| Texas. | 42 | 1,156 | 8 | 1,233 | 400 | 814 | 1,178 | 800 |
| Utah. | 15 |  | 4, 800 |  | 65 5,448 | [808, 86 | (13, 2183 |  |
| Virginia. | ${ }_{66} 89$ | 7,335 | 4, 800 | 24, 197 | 6, 165 | 30, 180 | (18, 8.80 | 20, 88.1 |
| West Virginia | 65 | 1,108 | 222 | 2,776 | 787 | 1,700 | 4,076 | 2,306 |
| Wisoonsin.. | 541 | 1,000 | 562 | 2,704 | 1,484 | 2,587 | 6, 880 | 3,302 |
| Wroming. | 11 | 20 | 11 | $\stackrel{24}{670}$ | 18 |  | 787 | 53 483 |
| All otherstatos ${ }^{\text {a }}$ | 20 | 365 | 11 | 676 | 168 | 367 | 700 | 4 |

[^98]TABLA 926.-SUMMARY FOR INDUSTRIES: COMPARATTVE FOR TEE UNITED STATES, BY S'ATES FOR 1919 -Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

TOOLS, NOT ELSEWHERE SPECIFIED.

| Unitcd States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 1,125 | 35,585 | 68,381 | \$134,732 | \$43,836 | 845, 797 | \$144,202 | \$98,405 |
| 191. | 661 | 16, 806 | 38,474 | 47,618 | 10, 217 | 12,235 | 33, 893 | 21,658 |
| 1009. | 678 | 15,999 | 36,066 | 36,576 | 9,025 | 11,049 | 30,381 | 19,332 |
| 1001 | 584 | 11,643 | 21,965 | 22,919 | 6,049 | 7,250 | 20, 407 | 13,157 |
| 1899. | 4.16 | 7,614 | 11,808 | 13,687 | 3,782 | 4,657 | 13,358 | 8,701 |
| 1880. | 462 | 6,410 | 9,274 | 11, 377 | 3,482 | 3,517 | 10,528 | 7,011 |
| 1879. | 145 | 3,151 |  | 4,384 | 1,490 | 1,533 | 4,237 | 2,704 |
| States, 191\%. |  |  |  |  |  |  |  |  |
| California. | 20 | 101 | 241 | 281 | 148 | 133 | 418 | 285 |
| Connecticut | 70 | 3,373 | 5,629 | 12, 217 | 3, 869 | 4, 042 | 12,916 | 8,874 |
| Illinois. | 114 | 2,998 | 6,514 | 10,717 | 3,726 | 4,358 | 12,043 | 7,685 |
| Indiana | 26 | 459 | 1,062 | 1,641 | 497 | 718 | 3,902 | 3,184 |
| Iowa.. | 17 | 343 | 1,100 | 1,384 | 341 | 648 | 1,468 | 820 |
| Maine. | 10 | 50 | 197 | 245 | 46 | 97 | 203 | 108 |
| Maryland. | 3 | 22 | 23 | 32 | 23 | 20 | 60 | 40 |
| Massachuset | 117 | 7,226 | 14,607 | 32,683 | 8,364 | 7,987 | 29,159 | 21,172 |
| Michigan.. | 89 | 3,261 | 3,511 | 8,465 | 4,733 | 3,549 | 11, 898 | 8,350 |
| Minnosota | 10 | 39 | ${ }_{2}^{261}$ | -228 |  | 117 | 331 | 214 |
| Missouri. | 23 | 403 | 858 | 1,538 | 513 | 602 | 1,521 | 9119 |
| New Yamps | 4 | 59 | 70 |  | $\stackrel{51}{5}$ |  | ${ }_{4} 215$ | ${ }_{3} 119$ |
| Now Tersey... | $\begin{array}{r}78 \\ 181 \\ \hline\end{array}$ | 1,494 | 2,544 5,792 | 3,918 10,461 | 1,891 <br> 3,454 <br> 18 |  | $\begin{array}{r}4,582 \\ 10,818 \\ \hline\end{array}$ |  |
| New York. Ohio. | 181 | 1,004 6,961 | 5,792 12,916 | 10,461 24,778 | 3,454 <br> 9,818 | 1,88 10,736 | 10, 818 | 6,988 21,791 |
| Oregon. | 4 | \% 19 | -25 | 40 | 33 | - 32 | , 79 | 8, 47 |
| Pennsylvania | 104 | 3,779 | 7,123 | 14,390 | 4,161 | 4,950 | 13,718 | 8,762 |
| Rhode Island | 37 | 521 | 566 | 1,812 | 556 | 388 | 1,509 | 1,121 |
| Vermonti.. | 7 | 355 | 1,828 | 1,948 | 327 | 596 | 1,558 | 962 |
| Washington. |  | 56 489 |  |  | $\begin{array}{r}86 \\ 572 \\ \hline\end{array}$ | 588 | 1,702 | 1,199 |
| Wisconnin. others | 21 | 473 | 2,214 | 5,838 | 571 | 1,278 | 3,357 | 2,079 |

TOYS AND GAMES.

annsyivania............... Colorado, 2 establishments; Delaware, 1; District of Columbia, 1; Georgia, 1; Kentucky, 1; Lississipp 1; Nebraska, 2; North Carolina, 1; North Dakota, 1; South Dakota, 1; Tennessee, 1; Texas, 2; Virginia, 2; West Virginia, 4.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919 -Continued.

| year and state. | $\left\lvert\, \begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}\right.$ | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | ssed in thou | asands. |  |

TOYS AND GAMES-Continued.

| States, 1919-Continued. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Rhode Island. | 4 | 62 | 23 | $\$ 87$ | \$47 | \$91 | \$226 | \$135 |
| Vermont.. | 6 | 423 | 1,700 | 861 | 416 | 599 | 1,351 | 752 |
| Washington | 6 | 26 | 62 | 55 | 22 | 30 | 72 | 42 |
| Wisconsin. | 1.0 | 286 | 370 | 523 | 194 | 332 | 725 | 393 |
| All other states ${ }^{1}$ | 22 | 491 | 1,119 | 806 | 369 | 545 | 1,332 | 787 |

## TRUNES AND VALISES.



[^99]TABIE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish. } \\ & \text { ments. } \end{aligned}$ | Wage earners (average ber). | Primary horsepower. | Capital. | Wages. | Cost of | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

TURPENTINE AND ROSIN.


TYPE FOUNDING.


TYPEWRITERS AND SUPPLIES.


[^100]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| Year and state. | Num ber of estab-lishments. | Wage earners (average number'). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

UMBRELIAS AND CANES.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 198 | 3,368 | 3,383 | \$15,397 | \$3, 140 | \$15, 833 | \$225,309 | 80,676 |
| 1914. | 265 | 4, 792 | 2,579 | 9,469 | 2,167 | 8,592 | 13, 813 | 5, 221 |
| 1909. | 256 | 5,472 | 2,413 | 9,556 | 2,253 | 10,056 | 15,804 | 5, 808 |
| 1904 | 204 | 5,386 | 2, 122 | 8,951 | 1,826 | 8,250 | 13,296 | 5, 046 |
| 1899 | 202 | 5,640 | 1, 457 | 4,605 | 1,869 | 8,381 | 13, 669 | 5,288 |
| 1889 | 435 | 6,022 | 1,296 | 5,646 | 2,430 | 7,503 | 13,772 | 6,209 |
| 1879 | 172 | 3,608 |  | 2,659 | 1,159 | 4, 503 | 6,917 | 2, 414 |
| 18691. | 93 | 3,196 | 230 | 2,100 | 1,057 | 2,220 | 4,822 | 2, 002 |
| $1859{ }^{2}$ | 72 | 2,170 |  | 1,078 | 477 | 2,058 | 3,082 | 1,024 |
| $1849^{\circ}$. | 80 | 2,576 |  | 762 | 434 | 1,400 | 2,506 | 1,106 |
| States, 1910. |  |  |  |  |  |  |  |  |
| Maryland. | 8 | 377 | 47 | 1,147 | 220 | 1, 803 | 2,730 | 927 |
| Massachusetts | 7 | 50 | 63 | 189 | 39 | 275 | 435 | 160 |
| Missouri. | 4 | 26 | 8 | 129 | - 22 | 7 140 | 11231 | 91 |
| New York | 125 | 927 | 571 | 4,140 | 1,129 | 7,315 | 11,098 | 3,781 |
| Ohio.. | 10 | 208 | 53 | 068 | 133 | 918 | 1,346 | . 427 |
| Ponnsylvania. | 21 | 1,376 | 1,784. | 7,067 | 1,210 | 4,369 | 7,247 | 2,878 |
| All other states ${ }^{\text {a }}$ | 23 | 404 | 857 | 2,057 | 387 | 813 | 2,225 | 1,412 |

UPHOLSTERING MATERIALS, NOT ELSEWHERE SPECIFIED.

| United States. |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

[^101]TABLE 225.- SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\left\|\begin{array}{l} \text { Num- } \\ \text { ber of } \\ \text { estab- } \\ \text { lish- } \\ \text { ments. } \end{array}\right\|$ | $\begin{gathered} \text { Wage } \\ \text { earners } \\ \text { (average } \\ \text { num- } \\ \text { ber). } \end{gathered}$ | Primary horsepower. | Capital. | Wages. | $\begin{aligned} & \text { Cost of } \\ & \text { materials } \end{aligned}$ | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |
| VARNISHES. |  |  |  |  |  |  |  |  |
| United States. |  |  |  |  |  |  |  |  |
| 1010. | 229 | 4, 022 | 11,497 | \$62, 461 | \$4, 568 | \$51,508 | \$83,632 | \$32,124 |
| 1914. | 215 | 2,734 | 7,656 | 29,861 | 1,865 | 16,877 | 33, 215 | 16,338 |
| 1909. | 203 | 2,376 | 5,596 | 26, 109 | 1,534 | 16,557 | 30, 317 | 13,760 |
| 1904. | 190 | 1,852 | 3,833 | 19,703 | 1,200 | 13,520 | 23,562 | 10,042 |
| 1893). | 181 | 1,546 | 4,099 | 17,551 | 996 | 10,939 | 18,687 | 7,748 |
| 1889. | 140 | 1, 145 | 1,906 | 11,309 | 738 | 7,806 | 13,796 | 5,990 |
| 1879. | 81 | 573 |  | 3,778 | 367 | 3,700 | 5,721 | 2,021 |
| 1869. | 59 | 415 | 95 | 2, 169 | 252 | 3, 311 | 4,991 | 1,680 |
| 1859. | 48 | 315 |  | 1,08.1 | 126 | 1,549 | 2,403 | 854 |
| States, 1019. |  |  |  |  |  |  |  |  |
| California. | 5 | 21 | 17 | 144 | 30 | 292 | 412 | 120 |
| Connecticut | 4 | 15 | 86 | 287 | 19 | 144 | 235 | 91 |
| Illinois.. | 33 | 538 | 2,177 | 8,753 | 570 | 7, 876 |  | 3, 835 |
| Todiana... | 6 3 | 99 5 | 213 5 5 | 1,292 | 99 5 | $\begin{array}{r}1,160 \\ 59 \\ \hline 1\end{array}$ | 1,896 89 | 736 30 |
| Maryland.e.ts | 14 | 316 | 557 | 4,098 | 303 | 3,601 | 6,159 | 2,558 |
| Michigan.. | 6 | 1.93 | 553 | 3,408 | 269 | 2, 144 | 4,092 | 1,948 |
| Minnesota. | 5 | 27 | 32 | 309 | 14 | 271 | 386 | 115 |
| Missouri. | 7 | 93 | 483 | -808 | 105 | 1,354 | 2,027 | 673 |
| New Jersey | 30 |  |  | 8, 344 | - 802 | 8,753 12 12368 | 13,314 | 4,561 9 9 |
| New York. | 51 33 | 1,037 7 732 | 2,693 2,263 | 22,131 9 9 | 1, 134 | 12,366 8,709 | 22,114 13,629 | 9,748 4,920 |
| Ohio....... | 33 18 16 | $\begin{array}{r}732 \\ 1135 \\ \hline\end{array}$ | 2,263 | -1, ${ }^{9}, 265$ | 8167 | 8,709 2,033 2,701 | 13,629 3,098 | 4,065 1,065 |
| All othor states i | 16 | 149 | 129 | 1, 624 | 180 | 2,746 | 4, 4,55 | 1,709 |

VAULT IIGFTTS AND VENTILATORS.


VINEGAR AND CIDER.

${ }^{1}$ Includes: Kansas, 1 establishment; Kentucky, 4; Louisiana, 1; Maine, 2; North Carolina, 1; Oregon, 2; Rhode Island, $2 ;$ Tennessee, 1 ; Virginia, 1 ; Wisconsin, 1.
${ }^{2}$ Includes: California, 2 establishments; Indiana, 1 ; Maine, 1; Massachusetts, 2; Minnesota, 1; Missouri, 1; Ohlo, 1; Ponnsylvania, 3; Rhode Island, 1; Wisconsin, 2.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| YEAR AND STATE. | Number of estab-lishments. | Wage earners (average num ber). | Primary horsepower. | Capital. | Wages. | Costion | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expres | sed in tho | sands. |  |

VINEGAR AND CIDER-Continued.

| States, 1019. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| California | 12 | 97 | 279 | \$431 | $\$ 95$ | \$202 | \$062 | \$370 |
| Colorado. | 4 | 12 | 92 | 1.13 | 15 | 57 | 118 | 61 |
| Commecticut. | 83 | 34 | 1,152 | 288 | 30 | 160 | 417 | 257 |
| Idaho. | 4 | 14 | 188 | 146 | 12 | 38 | 82 | 44 |
| Illinois. | 26 | 163 | 1,160 | 2,007 | 194 | 1,622 | 2,445 | 883 |
| Indiana | 3 | 11 | 33 | 110 | 7 | 67 | 104 | ${ }^{37}$ |
| Kansas. | 7 | 31 | 545 | 428 | 30 | 136 | 220 | 81 |
| Kentucky | 5 | 23 | 131 | 202 | 17 | 363 | 183 | 317 |
| Maine... | 47 | 16 | 386 | 127 | 11 | 61 | 143 | 82 |
| Maryland. | 5 | 8 | 335 | 135 | 8 | 22 | 65 | 33 |
| Massachusotts | 75 | 89 | 1,140 | 820 | 99 | 721 | 1,264 | 543 |
| Michigan. | 42 | 100 | 1,200 | 1,079 | 108 | 867 | 1,239 | 372 |
| Missouri. | 13 | 64 | 1,001 | 890 | 71 | 552 | 1,023 | 471 |
| Nebraska. | 4 | 6 | 135 | 144 | 4 | 60 | 102 | 42 |
| New Hampshi | 14 | 4 | 165 | 15 | 3 | 42 | 548 | 10 |
| Now Jersey . - | 17 | 31. | 428 | 285 | 30 | 375 | 573 | 108 |
| New York. | 169 | 488 | 4,429 | 5,571 | 531 | 4,959 | 7,228 | 2,269 |
| Ohio... | 18 | 21 | 420 | 254 | 24 | 4 | 331 | . 124 |
| Oregon. | 10 | 60 | 219 | 408 | 57 | 380 | 529 | 149 |
| Pennsylvania | 42 | 126 | 025 | 1,513 | 133 | 1,142 | 1,80t | 664 |
| Thode Island. | 9 | 5 | 125 | 53 | 6 | 25 | 50 | 25 |
| Toxas... | 7 | 64 | 37 | 307 | 56 | 384 | 782 | 398 |
| Vermont | 33 | 9 | 040 | 84 | 7 | 74 | 124 | 50 |
| Virginia. | 11. | 160 | 403 | 1,017 | 134 | 913 | 1,227 | 314 |
| Washington. | 19 | 98 | 1,147 | 1,939 | 135 | 425 | 912 | 477 |
| West Virginia.. | 7 | 27 | , 167 | 449 | 16 | 171 | 251 | 85 |
| All other states 1. | 24 | 217 | 1,458 | 1,670 | 208 | 1,411 | 2,300 | 859 |

WALI PAPER, NOT MADE IN PAPER MILIS.


[^102]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products | Value: added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

WALL PLASTER AND COMPOSITION FLOORING. ${ }^{1}$


WASHING MACHINES AND CLOTHES WRINGERS.


[^103]TABLE 225̆.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.


WATCH AND CLOCK MATERIALS, EXCEPT WATCHCASES.


WATCHCASES.


[^104]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

WATCHES.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 19191. | 18 | 15,888 | 7,202 | \$49,001 | \$16,599 | 86,393 | \$32,044 | \$25, 651 |
| 1914. | 15 | 12,390 | 6, 624 | 36,389 | 7,524 | 2,669 | 14, 275 | 11, 606 |
| 1909. | 13 | 10,684 | 5,649 | 26, 994 | 6,086 | 2, 186 | 11,771 | 9,585 |
| 1904. | 14 | 10,724 | 3, 172 | 19,410 | 6,024 | 2,259 | 11,866 | 9,607 |
| 1899. | 13 | 6, 880 | 1,762 | 14, 235 | 3,587 | 1,291 | 6,823 | 5. 532 |
| 1889. | 19 | 6,595 | 1,360 | 10, 106 | 3,588 | 996 | 6,051 | 5, 055 |
| 1879. | 11 | 3,346 |  | 4,144 | 1,712 | 982 | 3,271 | 2, 289 |
| 1869. | 37. | 1,816 | 145 | 2,666 | 1,304 | 413 | 2,819 | 2,406 |

WHEELBARROWS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $1919{ }^{2}$ | 11 | 291 | 765 | \$1,151 | \$271 | \$971 | \$1,680 | \$709 |
| 1914. | 21 | 323 | 1,198 | 947 | 199 | 429 | 942 | 513 |
| 1909. | 24 | 664 | 1,486 | 1,510 | 321 | 715 | 1,625 | 910 |
| 1904 | 26 | 584 | 1,282 | 1,045 | 296 | 494 | 1,178 | 684 |
| 1890. | 15 | 321 | 762 | 514 | 127 | 180 | 454 | 274 |
| 1889. | 28 | 567 | 1,148 | 1,110 | 251 | 638 | 1,186 | 548 |
| 1879. | 22 | 239 |  | 266 | 72 | 102 | 227 | 125 |
| 1869. | 23 | 238 | 510 | 244 | 111 | 166 | -473 | 307 |

WHIPS.


[^105]$$
101038^{\circ}-23-47
$$

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage earners (average number). | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | $\begin{gathered} \text { Value } \\ \text { added } \\ \text { by } \\ \text { manu- } \\ \text { facture. } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressedin thousands. |  |  |  |  |
| WINDMIILS. |  |  |  |  |  |  |  |  |
| United States. |  |  |  |  |  |  |  |  |
| 1919. | 31 | 1,932 | 4,761 | \$10,005 | \$2, 145 | \$4,960 | \$9,933 | \$4, 973 |
| 1914. | 31 | 1,955 | 3,997 | 6,426 | 1,252 | 2,555 | 5,497 | 2,942 |
| 1909. | 34 | 2,337 | 3,301 | 5,636 | 1,403 | 3,331 | 6,677 | 3,346 |
| 1904 | 53 | 1,929 | 3,694 | 5,837 | 969 | 2,308 | 4,795 | 2, 487 |
| 1899. | 68 | 2,045 | 2,214 | 4,309 | 940 | 2,172 | 4,354 | 2,182 |
| 1889. | 77 | 1,110 | 1,618 | 2,463 | 556 | 1,124 | 2,475 | 1,351 |
| 1879. | 69 | 596 |  | 697 | 244 | 524 | 1,011 | 487 |
| Illinois. | 8 | 734 | 1,561 | 3,627 | 898 | 2,139 | 4,715 | 2,576 |
| Indiana. | 4 | 402 | 1,885 | 1,971 | 338 | 886 | 1,556 | 670 |
| Kansas. | 3 | 16 | 31 | 111 | 17 | 36 | 81 | 45 |
| Nebraska. | 4 | 455 | 396 | 2,175 | 460 | 1,286 | 2,203 | 917 |
| All other states ${ }^{1}$. | 12 | 325 | 888 | 2,121 | 432 | 61.3 | 1,378 | 765 |

WINDOW AND DOOR SCREENS AND WEATHER STRIPS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 214 | 2,179 | 7,530 | \$9,749 | \$2,047 | \$4,897 | \$10,933 | \$6,036 |
| 1914. | 220 | 3,194 | 8,188 | 9,355 | 1,894 | 4,261 | 9,167 | 4,908 |
| States, 1919. |  |  |  |  |  |  |  |  |
| California. | 11 | 60 | 440 | 203 | 65 | 110 | 247 | 137 |
| Connecticat. | 6 | 29 | 34 | 68 | 34 | 46 | 126 | 80 |
| Georgia.. | 3 | 3 | 15 | 12 | 3 | 7 | 14 | 7 |
| nlinois. | 26 | 201 | 511 | 964 | 192 | 649 | 1,329 | 080 |
| Indiana. | 12 | 21 | 75 | 58 | 23 | 40 | 83 | 43 |
| Kentucky. | 5 | 179 | 237 | 814 | 153 | 261 | 619 | 358 |
| Louisiana | 6 | 22 | 36 | 25 | 20 | 28 | 61 | 33 |
| Maryland. | 3 | 27 | 275 | 89 | 34 | 33 | 108 | 75 |
| Massachusetts | 17 | 60 | 231 | 172 | 56 | 83 | 203 | 120 |
| Michigan. | 15 | 319 | 1,028 | 1,723 | 274 | 864 | 1,717 | 853 |
| Missouri. | 9 | 84 | 292 | 327 | 70 | 121 | 384 | 263 |
| Nebraska. | 3 | 11 | 29 | 42 | 11 | 25 | 43 | 18 |
| New York | 17 | 110 | 247 | 244 | 118 | 358 | 607 | 240 |
| North Carolina | 4 | 9 | 34 | ${ }^{6}$ | 8 | 11 | 26 | 15 |
| Ohio. | 15 | 181 | 447 | 404 | 184 | 350 | 747 | 397 |
| Pennsylvania | 13 | 130 | 517 | 628 | 138 | 298 | 683 | 385 |
| Tennessee.. | $\stackrel{4}{9}$ | 196 | 1,026 | 1,055 | 175 | 370 | 833 | 583 |
| Wexas....... | 9 | 44 | 126 | 74 | 45 | 71 | 177 | 108 |
| Washington...... | $\begin{array}{r}4 \\ 3 \\ \hline\end{array}$ | 17 476 | $\begin{array}{r}42 \\ 1888\end{array}$ | - 38 | 16 | 24 | 56 | 32 |
| All other states ${ }^{2}$. | 32 | 476 | 1,888 | 2,803 | 428 | 1,148 | 2,770 | 1,622 |

[^106]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR THE UNITED STATES; BY STATES FOR 1919-Continued.


## WINDOW SHADES AND FIXTURES.



WIRE.

| 1919. | 66 | 19,741 | 119, 451 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914 | 54 | 17,600 | 83, 940 | 64, 014 | 120, 021 | \$56,424 | 81, ${ }^{1}$ | 859,337 |
| 1909 | 56 | 18, 084 | 71, 959 | 60, 157 | 10, 316 | 60, 543 | 84, 487 | 23, 944 |
| 1904. | 25 | 4,737 | 25, 856 | 14, 899 | 2,859 | 30,062 | 37,914 | 7,852 |
| 1899 | 29 | 1,603 | 9,979 | 4,242 | 860 | 7,014 | 9,421 | 2, 407 |
| 1889 | 24 | 7,596 | 30, 175 | 11, 608 | 3,857 | 15, 039 | 22, 013 | 6, 974 |
| 1879 | 40 | 6,169 |  | 4,230 | 1,983 | 7,034 | 10, 837 | 3, 803 |
| 1809 | 34 | 1,744 | 2,837 | 2,533 | 1,083 | 2, 965 | 5,058 | 2,093 |
| 1859. | 26 | 790 |  | 629 | 280 | 1,134 | 2,020 |  |
| 1849 ². | 83 | 676 |  | 538 | 208 | -535 | 1,033 | 498 |
| States, 1919. |  |  |  |  |  |  |  |  |
| Connecticut. | 7 | 1,378 | 6,354 | 8,137 | 2, 064 | 4,603 | 9,083 | 4,480 |
| Tllinois.... | 10 | 2,775 | 19,554 | 15,477 | 4,605 | 18,447 | 29, 855 | 11,408 |
| Massachusetts | ${ }_{7}^{9}$ | 5, 203 | -24, 799 | 22,027 7 | 7, 353 | 11,874 14,699 | 24, 553 | 12, 679 |
| New Jersey. | 17 | 1, ${ }^{2} 203$ | 13,332 25,761 | 7,973 15,376 | 2,852 3,851 | 14,699 14,216 | 19,878 <br> 17, 596 | 5,179 5,380 |
| All other states ${ }^{\text {8 }}$ | 22 | 6,259 | 29, 651 | 33,027 | 8,565 | 38, 975 | 59, 186 | 20, 211 |

[^107]TABLE 2\&\%, SUMMARY FOR INDUSTRIES: GOMPARATHVE MOR TME UNITED STATEA, BY STATES FOR 1919-(Montinued.

| YEAR AND STATE. | Number of astab-lishments. | $\begin{gathered} \text { Wage } \\ \text { earntrs } \\ \text { (average } \\ \text { num } \\ \text { ber). } \end{gathered}$ | Primary horselpower. | Capital. | Wuges. <br> Expre | Cost of materials. <br> and in thon | Vinhur of prolumes. <br> Isthtlis. | Vinlue unicil hy 11月女! futhre. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

WIREWORK, INOLUDING WIRE ROPE AND OABLE, NOT ELSEWEEERE SPECIELED.


WOOD CARPET,


[^108]TABLE 2 $2 \delta .-$ - SUMMARY FOR INDUSTRIES: COMPARATIVE FOR TEE UNITED STATES, BX STATES FOR 1019-Continued.

| grar and ntate. | Number of estab) lishments. | Wage earners <br> (average num- | Primary horserpower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressed in thousands. |  |  |  |  |

WOOD DISTILLATION.


WOOD PRESERVING.


## WOOD, TURNED AND CARVED.





 1i Oregon, 1; Ponmsyvala, 3; Wushington, 3; Wost Virgind, i; Wyoming, 1.

TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR TET UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | $\begin{aligned} & \text { Num- } \\ & \text { ber of } \\ & \text { estab- } \\ & \text { lish- } \\ & \text { ments. } \end{aligned}$ | Wage earners (average nitur- | Primary horsepower. | Capital. | Wages. | Cost, of materials. | Value of products. | Value added by manul- fatiture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Expressel in thousands. |  |  |  |  |

WOOD, TURNED AND CARVED--Contimued.

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

WOODEN GOODS, NOT ELSEWHERS SPECTFIED.



1; South Carolina, 2; Texas, 1; Utah, 1; Virgina, 1; West' Virglaia, 1 .

TABLE SME.-SUMMARY FOR INDUSTARIES: COMPARATIVE FOR TEE UNITED STATES, BY STATES FOR 1910-Continued.

| YEAR AND STATE. | NumPrer of osidal). lish:ments. | Wage earners (average 11411her:. | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | sed in thou | sands. |  |

WOOL PULLING.


WOOL SOOURING.


WOOL SHODDY.


[^109]TABLE 225.-SUMMARY FOR INDUSTRIES: COMPARATIVE FOR TIE UNITED STATES, BY STATES FOR 1919-Continued.

| year and state. | Number of estab-lishments. | Wage earners (average num- | Primary horsepower. | Capital. | Wages. | Cost of materials. | Value of products. | Vnlue added by manufacture. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Expre | ed in tho | simuds. |  |

WOOLEN AND WORSTED GOODS.

| United States. |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1919. | 852 | 166,787 | 468,480 | \$831,695 | \$168,109 | \$66i, 505 | 31,065,434 | 8300, 839 |
| 1914. | 799 | 158,692 | 381, 220 | 389, 653 | 75, 1553 | 246, 4197 | 379, 484 | 132,987 |
| 1909 | 911 | 163, 192 | 348,283 | 415, 378 | 69,727 | 273,430 | 419, 74.4 | 141, 305 |
| 1904. | 1,018 | 141,998 | 277,366 | 302, 767 | 55, 097 | 197, 489 | 3117, 942 | 110, 453 |
| 1899. | 1,221 | 125, 901 | 234, 660 | 256, 554 | 44, $8: 80$ | 148, 0187 | 238, 745 | 00, 658 |
| 1889 | 1,454 | 119,893 | 179, 612 | 199, 075 | 41, 084 | 132, 977 | 219, 773 | 74, 740 |
| 1879. | 2,066 | 105, 307 | 122,944 | 116, 470 | 31,519 | 122, 858 | 144, 157 | 71, 298 |
| 1869. | 2,993 | 92,973 | 93,117 | 108,910 | 31,246 | 110, 741 | 177, 4163 | 68, 755 |
| 1859 | 1,263 | 43,738 |  | 34, 093 | 10,154 | 39, 122 | 65,506 | 26,567 |

WOOLEN GOODS.

| 1919. | 560 | 62,957 | 172,947 | \$273, 974 | \$60, 500 | \$217,965 | \$384, 807 | \$146,932 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Connecticut. | 35 | 5;351 | 14,679 | 23, 842 | 5,056 | 19, 144 | 32,357 | 13, 213 |
| Georgia. | 3 | 595 | 1,680 | 1,675 | , 440 | 1, 6060 | -2,703 | 1,1,037 |
| Mrinois.. | 4 | 482 | 1,112 | 1,929 | 386 | 1,705 | 2,708 | 1,003 |
| Indiana. | 11 | 948 | 1;860 | 3,121 | 725 | 3,320 | 4,542 | 1,222 |
| Maine.... <br> Maryland | 59 | 6,015 | 21, 9.41 | 33, 863 | 7,926 | 25, 716 | 42, 442 | 16,720 |
| Maryland. . Massachuset | 111 | 17,568 | 1,260 50,100 | 1,984 77,496 | 19, 220 | 62, 80.4 | 1, 611 | 18.67 |
| Michigan... | 111 | $\begin{array}{r}17,568 \\ 812 \\ \hline 58\end{array}$ | 10,100 1,502 | 77,496 3,625 | 19, 8 , 710 | $\begin{array}{r}62,09 . \\ 2, ~ \\ \hline\end{array}$ | 105, 4.572 | 43, 0 \% 1.69 |
| Minnesota. | 11 | 574 | 1, ${ }^{1}$, 491 | 2,353 | 47.4 | 1,780 | 4, 4,872 | 1,691 |
| New Hampsh | 39 | 5,317 | 17,379 | 23, 123 | 5,862 | 18,607 | 31, 245 | 12,548 |
| New Jersey. | 6 | 1,271 | 2,795 | 4,578 | 1, 166 | 3,056 | 5i, 210 | 2,154 |
| New York | 25 | 3,348 | 10,066 | 11,339 | 3,242 | 10, 012 | 17,546 | 6,734 |
| Ohio... | 10 | 786 | 2,040 | 3,699 | ${ }^{605}$ | 2,023 | 3,386 | 1,308 |
| Oregon........ | 5 108 | $\begin{array}{r}808 \\ 7 \\ \hline 988\end{array}$ | 2,341 | 2,459 31548 | 764 | 1,947 | 3,357 | 1, 410 |
| Pennsyle Island | 108 26 | 7,398 <br> 3,144 <br> 1 | 15,981 | 31,548 | 8,268 | 28,340 | 48, 240 | 19,900 |
| Tennessee. | 13 | - 1,366 | 7,176 | 15,710 | 3,559 | 13,782 | 22, 231 | 8,449 |
| Virginia. | 12 | 1,630 | 1, 405 | 2,339 | 469 |  | ${ }_{2}^{4}, 242$ | 2,010 |
| Wisconsin | 21 | 849 | 2,457 | 3,374 | 604 | 2,291 |  | 1, 754 |
| All other states ${ }^{1}$ | 49 | 4,588 | 13,736 | 19,961 | 4,540 | 14,05i | 23, 837 | 1,707 9,780 |

WORSTED GOODS.

${ }^{1}$ Includes: California, 2 establishments; Dolawrare, 1; Iowa, 2; Kontucky, 0; Missouri, 2; North Carollas, 5; Utah, 2; Vermont, 17; Washington, 3; West Virginia, 6.
${ }^{2}$ Includes: Delaware, 1 establishment; Georgia, 1; Illinois, 1; Kentucky, 1; Ohlo, 3; Oregon, 1; South
Carolina, 1; Texas, 1; Vermont, 1; West Virginla, 1.


[^0]:    ${ }^{1}$ Includes: California, 2 establishments; Connecticuti, 1; Illinols, 1; Indiana, 1 ; I mishana, $1 ;$ Maryland, 1; Massachusetts, $2 ;$ Missouri, $2 ;$ Nebraska, 1; New Jersey, 1; Ohio, 4; Pennsylvanil, 1; Rhode Lslend, $1 ;$ Washington, 1 ; West Virginia, 1.
    ${ }^{2}$ Includes: Alabama, 1 establishment; Arkansas, 3; Connecticut, 2 ; Idaho, 2; Louislann, 3; Maine, 2; Maryland, 2; Massachusetts, 2; Mississippi, 2; New Iampshire, 2; North Dakota, 1; Oklahoma, 2;
    Oregon, 1; Texas, 5; Utah, 1; West Virginia, 1.

[^1]:    1 Includos: California, 2 ostabllshmontw; Counocticut, 1; Indiana, 1; Missourl, 4 ; Nobraska, 1; Now York, 13; Pernsylvania, 6; Rhode sland, 1 .
    ${ }^{2}$ Indindes: Colorado, 1 ostablishment; Intiols, 1; Indiana, 2; Maryland, 1; Michigan, $1 ;$ Minnesota, 2; Now York, 3; Ohilo, 3; Rhode Lsland, 1 .
    ${ }^{\text {I }}$ Indindes: Tlorida, 8 ostablishmonts; Indiana, 1; Iowa, 1; Massachuselts, 1; Michigan, 1; Missouri, 3; $U \operatorname{tah}, 2$.

[^2]:    1 Includes: Novada, 1 establishmont; South Carolina, 2; Vermonti, 1.
    a Included in othor classifleations in 1879.
    ${ }^{2}$ Includes: California, 2 establishments; Comneoticut, 1 ; District of Columbia, 1; Georgla, 2; Indiana, 1; Missouri, 2; Ohio, 3; Rhode Lsland. 1.
    ${ }^{4}$ Includes: Callfornla 1 establlshment; Connecticut, 2 ; Indlana, 2 ; Maryland, 1; Massachusetts, 3; Minnesota, 1; Missouri, 1; Now Hampshire, 1; Ohio, 2; Sonth Carolina, 2; Wyoming, 11.

[^3]:    1; Oregon, 3 ; Vermont, 2; Wyoming, 2.

[^4]:    ${ }^{1}$ Includes: Colorado, 2 establshments; Connecticut, 2; Georgia, 1; Indiana, 1; Maine, 1; Maryland, 2; Massachusetts, 4 ; Michigan, 6 ; Missouri, 3 ; Nebraska, 1 ; New Jersey, 7; Ohio, 4; Oregon, 2; J'ennessee, 1; Virginia, 2; Washington, 3 ; Wisoonsin, 1.
    " "Bagging, flax, hemp, and jute," and "bags, other than paper."
    Includes:'Alabama, 2 establlshments; Florda, 3 ; Indiana, 2; Kentucky, 2; Minnesota, 5; Nebraska, 1;
    North Carolina, 2; Ohio, 12; Oklahoma, 1; Oregon, 2; Rhode Island, 2; Washington, 1; Wisconsin, 5.

[^5]:    Inoludes: California, 2 establishments; Conneoticut, $1 ;$ Illnols, 4; Indana, 2; Louldana, $1 ;$ Mane. $8 ;$ Maryland, $3 ;$ Michigan, $1 ;$ New Jersey, 1 ; Toxas, 1; Virglnin, 1; Wlsoonsin, 4.
    ${ }^{2}$ Includes: Colorado, 1 establishment; Conneotiout, 1 Bistrict or Columbia, 1; Indinna, 4 ; Towa, 1; Kansas, 2; Massarhusetts, 2 ; Michigan, 2; Mimesota, 2; Missouri, 1 ; New Jersey, :; Now York, 21 ; Ohio, 4; Olyahoma, 1; Rhode Island, 2; South Carolia, $1 ;$ Texas, $1 ;$ Virgma, $2 ;$ Wanhlugton, 1 ; Wlseonsin, 2.

[^6]:    ${ }^{1}$ Ineludes: Arkansas, 3 establishments; Colorado, 1 ; Connectiout, 2 ; District or Columbia, 2; FIorida, 1 ; Georgia, 1; Lowa, 2 ; Kansss, 1; Kentucky, 1 ; Loulsiaia, 1 ; Mimnesota, $1 ;$ Missouri, 1 ; Nebraska, 1 ; New Gampshire, 8;Rhodo Island, 2; South Carolina, 1; lennessee, 1; Toxas, 2;'Utah, 1; Virginia, 3; Washington, 1; West Virgima 1.
    ${ }^{2}$ Includes: Conneoticut, 3 establishments; Illinols, 1; Missourl, 2; Now York, 2; Ohio, 2. The dotails for these statas aro not shown to avold tho posslbility of diselosure of individual operations.
    Ineludes: California, 2 establishments; Delaware, 1 ; Lllinols, 1 ; New York, 2; Ohio, 1 .

[^7]:    1 Includes: California, 2 ostabllshmonts; Maine, 1; Michigan, 2; Minnesota, 2; Missourl, 2; Now Jorsey, 2; Ohio, 2; Yirginia, 1; Wisconsin, 2.
    ${ }^{2}$ Includes: Connectical, 1 establishment TMorda, 1; Indiana, 3; Iowa, 1; Kentucky, 1; Maine, 2; Michtgan, 2; MLnnesota, 2; Nebraska, 1; Now Hampshire, 2; North Carolina, 2; Oregon, 2; Rhodó Island, 1; Texas, 2 ; Virginia, 1 ; Washington, 1; West Virginia, 1; Wisconsin, 5.
    ${ }_{6}$ Includes: Connceticut, 1 establishmont; Indiana, 3 ; Iowa, 1; Kentucky, 1; Lotisiana, 1 ; Maine, 1 ; Maryland, 1; Massachusotts, 4; Michigan, 2 Minnesota, 2; Missouri, 3 ; Now Jorsey, 3 ; Ohio, 4 ; Oregon, 2; Tomessee, 2; Vrginla, 1 ; Washington, 1 ; Wisconsin, 2 ,

[^8]:    1 Incindos: Kentucky, 1 establishment; Massachusetts, 2; Montana, 1; Now Jersey, 1; Oklahoma, 1 ; wyoming, 1.
    ${ }_{2}$ Includes: Alabama, 2 ostablishments; Arizona, 1; Arkansas, 1; Delawaro, 2; Tlaho, 1; Kentucky, 3; Now Hampshire, 2; North Carolina, 1; Oklahoma, 2; South Carolina, 1; Vermont, 2.

[^9]:    1 Includes: Connectiout, 1 astablishmant; Tllinois, 7; Kansas, 1; Maine, 2; Maryland, 1; Michigan, 2; Minnesota, $2 ;$ Now Trampshire, 7; Now Jorsey, 2 ; Rhode Island, 1 ; Virginia, 1 .
    "Boot and shoe findings" and "shoe pegs."
    ${ }^{3}$ Tncludes: California, 1 establishment; Colorado, 1; Minois, b; Kentucky, 3; Maryland, 2; Minuesota, 2; Now Eampshiro, 13; Ohio, 6; Texas, 2; Washington, 1 .

[^10]:    1 Includes: Connocticut, 1 establishment; Kansas, 1; Kentucky, 2; Mmnesota, 3; Missouri, 2; New Ilampshire, 1 Orogon, 1 ; South Carolinn, 1; Texas, 1; Ttah, 1; Virginia, 1 ; Washington, 1 ; West Virginia, 1 .
    ${ }^{2}$ Includes: Arkansas, 2 establishments; Colorado, 3; Delaware, 1 ; District of Columbia, 2; Karsas, a;
    Oklahoma, 1; South Dakota, 1; Texas, 3; Utah, 2; Vormont, 3.

[^11]:    ${ }^{1}$ Includes: Distriot of Columbia, 2 establishments; Novada, 1; New Mexico, 6; Vermont, 1.
    2 The manufacture of brooms and that of brushes were shown as one industry at the censuses from 1879 to 1904 Inclusive.
    3 Includes: Artzona, 2 establishments; Delaware, $1 ;$ District of Columbia, 2; Idaho, 1; Montana, 1; New Mexico, 1; South Carolina, 1; South Dakota, 5; Utah, 2; Vermont, 1.

[^12]:    1 The manufacture of brooms and that of brushes were shown as one Industry at the eensusos from 1878 to 1904, inclusive.
    ${ }^{2}$ Includes: Colorado, 3 establishments; Delaware, 2; Georgia, 1; Indiana, 3; Yowa, 2; Kontacky, 1 . Louisiana, 1 ; Minnesota, 4 ; Nebraska, 1; New Hampshire, 3 ; Oregon, 1 ; Texes, 1 ; Vermont, 1 ; Washington, 3 .

[^13]:    1 Tnoludes: Arkansas, 2 establishments; Louisiana, 2; New Mexico, 1.
    2 Includes: Colorado, 1 establishment; Iowa, 1; Maryland 1 ; Massachusetts, 1; Missourt, 1. The details for thesestates are not shown separately to avoid the possiblity of disclosure of individual operations.
    a Includes: Arkansas, 6 establishments; Kansas, 2; Louisiana, 1 ; Maine, 2; Miohigan, 5; New Hampshire, 1; Oklahoma, 1; Tennessec, 1; Texas, 2; West Virginia, 1; Wisconsin, 3.

[^14]:    ${ }_{2}$ Tneludes: Indiana, 1 establishment, Massachusetts, 2 ; New Jersey, 1.
    ${ }^{2}$ Includes: Alabama, 1 establishment; Delaware, 1; District of Columbia, 2; Michigan, 2; North Cero-

[^15]:    1 Includes: Alabama, 2 establishments; Kansas, 2; Massachusetts, 2; Montana, 1; Oklahoma, 1; Rhode Island, 1; South Carolfia, 2; South Dakota, 1.
    2 Includes: Californla, 1 establishment; Horida, 8; Virginia, 1.

[^16]:    ${ }^{1}$ Includes: Califomia, 1 ostablishment; District of Columbia, 1; Maryland, 2; Michigan, 1.
    ${ }^{2}$ Includes: California, 1 establishment; Indiana, 1; Massachusetts, 2; Now Jersey, $2 ;$ New York, 1 ; Pennsylvania, 5; Rhode Island, 1.
    ${ }^{3}$ Includes: Counocticut, 1 establishment; New Jersey, 5 ; Wisconsin, 1.

[^17]:    1 Tndudes: Kentuoky, 2 escablishments; Maryland, 1; Montana, 1; Now Hampshire, 2; Oldahoma,

[^18]:    ${ }^{1}$ Includes; California, 3 establishments; Colorado, 1; Georgia, 5; Kansas, 2; Maine 2; Maryland is Minnesota, 3; Nebraska, 1 ; New Hampshire, 3; Now Jersey, 4 ; North Dakota, 1; Oklahoma, 1; South Dakota, 1 ; Texas, 3 ; Virginia, 3; Washington, 1 ; West Virginia, 8 ; W yoming, 1 .
    ${ }^{2}$ Includes: California, I establishment; Connecticut, 1; Kansas, 1; Maryland, 8 ; Minnesota, 2; Ohio, 5;
    Washington, 1.

[^19]:    1 Includes: Connecticut, 10 establishmonts; District of Columbia, 2; New Hampshire, 3.
    ${ }^{2}$ Includes: Missourl, 1 establishment; North Carolina, 1 ; Ohio, 3; Pennsylyania, 2.
    Includes . Alabama, 1 establishment; California, 4; Delawaro, 2; Georgia, 1; Iowa, 2; Kentucky, 1; Maryland, 1; Massachisotts, 2; Michigan, 1; MLssissippi, 1; Nobraska, 1 , Now Hampshire, 1; Now Jersey, 2; New York, 2; Oklahoma, 1; Oregon, 1; Temnessee, 2; Texas, 2; VIrginia, 2; Washington, 2; West Virginia, $1 ;$ Wiscousin, 2 ,

[^20]:    1 Includes: California, 5 establishments; Connecticut, 8 ; Jowa, 2 Maine, 1; Massachusetts, 3 ; Michigan,
    8; Missouri, 7; New Tersey, 1; Ohio, 6; Pennsylyania, 0; Rhode lsland, 1 ; Wisconsin, 1.
    ${ }^{2}$ Included under the classification of "lime and coment" in 1879 , 1889 , and 1800.
    ${ }^{3}$ Includes: Alabama, 2 establishments; Colorado, 2; Georgia, 1; Kentucky, 1; Maine, 2; Maryland, 2;
    Minnesota, 3; Moulana, 2; Nobraska, 1; Now Jorsey, 2; Oklahoma, 3 ; Oregon, 1 ; Tennossee, 2; Virginia, 1 ;
    "In 1850 included with "timber products, not manufnctured at mill."
    ${ }^{6}$ Includes: Arkansas, 1 establishment; California, 1; Delaware, 1; Georgia, 1; Indiana, 1; Massachusetts,
    2; Michigan, 2; New Mexico, 1; Ohio, 2; Oklahoma, 3; Pennsylvanla, 1; Xennesseo, 1; Washington, 2,

[^21]:    ${ }^{1}$ Includes: Arizonn, 2 establishments; Delaware, 1; Georgia, 1; Indiana, 2; Kansas, 2; Maryland, 2;
    Massachuselts, 1; Mlssourl, 2; New Yampshire, 1; Rhode Island, 2; Tennessee, 2; Virginia, 2; Wyoming, 6.
    " Includes "calclum lights."
    ${ }^{1}$ Tncludes: Alabama, 2 ostablishments; Arkansas, 2; Connectilout, 3; District of Columbia, 1; Kansas, 4; Maine, 2 ; Montana, 2; North Carolina, 1; Oklahoma, 2 ; Oregon, 1; South Dakota, 1; Tennessee, 5; Wyoming,2.

[^22]:    ${ }^{1}$ Traluded under the classification "confectionery" prior to 1919.
    ${ }^{2}$ Includes: Dedaware, 1 ostablishment; Illinots, 6; Indiana, 1; Kontuoky, 2; Maino, 2; Maryland, 1; Massachusetts, 2; Michigan, 2; Missourl, 3; Nobraska, 1; Ohio, 0; Peunsylvanla, 2; Rhodo Island, 1; Tennessee 2 ; Texas, 1 ; Virginia, $1 ;$ Wisconsin, 1
    ${ }^{3}$ Includes: Connecticut, 1 , establishment; Indiana, 1; Michigan, 1; Missourl, 2; Washington, 2.
    4Includes: Connecticut, 1 establishmont; Inlinois, 1 ; Ohio, 2; Vormont, 1; Wisconsin, 1.

[^23]:    1 Includes: Alabama, 2 establishments; Arkansas, 1; Florida, 2; Kentucky, 2; Louisiana, 1; Montana 1; Now Hampshire, 4; Now Mexico, 1; North Carolina, 3 ; Oregon, 2 ; South Carolina, 1; South Dakota, 1 . 2 Includes: Lilinols, 5 establishments; Kentucky, 1 ; Maryland, 1 ; Michigan, 3 ; Now Jersoy, 2 ; Ohio, 6; Rhode Island, 2; Wisconsin, 1.

[^24]:    1 Includes: Delaware, 1 ostablishment; District of Columbia, 2; Florida, 2; Mississippi, 1; Montana, 1;

[^25]:    1 Includes: Arkansas, 4 establishments; Tlorida, 2; Kansas, 8; Kentuoky, 4; Loulsiana, 2; Maryland, 3; Mississippi, 2; Nobraska, 3; Now Hampshire, 1; Oklahoma, 1 ; Rhodo Mshad, 1; South Caroilna, 3 ; Utah, 3 ; Vermont, 2; West Virginia, 5.
    2. Includes: Colorado, 3 establishments; Qeorgia, 1; Indiana, 5; Maryland, 1; Massachusettes 1; Michigan,
    ; New ersey, 2; New Mexico, 2; Ohlahoma, 1; Utah, 1; Washington, 3; and Wisconsin, 2,
    8 Includes: Massachusetts I establishment; Nebraska, 1; New Jersey, 3; Ohio, 1; Ponnsylvania,2.

[^26]:    1 Tncludes: Alabama, 3 establishments; Colorado, 1; Nebraska, 2; Now Hampshire, 0; Oklahoma, 1; South Carolina, 3; Washington, 3.

[^27]:    1 Cordage.
    1 Includes: Callfornta, 1 ostablishmont; Georgia, 1 ; Illinois, 8 ; Indiana, 1; Iowa, 1; Maino, 1; Maryland, 1; Michigan, 2; Minnesota 1; Mississipp1, 1; Missourt, 2; Now Hampshire, 1; Ohio, 7; Olidahoma, 1; Oregon, 1; South Carolina, 2; Tonnossee, 2; Texas, $1 ;$ Virginia, 1; Washington, 1 ; Wisconsin, 3.

[^28]:    ${ }^{1}$ Includes: Arkansas, 1 establishmont; Callfornia, 1; Louisiana, 3; Michigan, 3; Missouri, 1; Ohio, 5; Utah, 1.
    ${ }^{2}$ Includes: Illinols, 1 establishment; Now Hampshire, 2; Ohio, 1.

[^29]:    1 IncIudes: Georgia, 1 ostablishmont; Kentuoky, 1; Maryland, 1; Nebraska, 1; Ohlo, 1.
    2 Includes: Colorado, 1 establishment; Connecticut, $2 ;$ Illinols, $1 ;$ Indlana, $1 ;$ Loulsiana, $1 ;$ Massa chusetts, 1 ; New Jersey, 4 ; New York, 1;'Ohio, 3.
    ${ }^{3}$ Includes: Arkansas, 1 establishment; Kanses, 1 ; Kontueky, 1; Malne, $b$; Minnesota, 3; Missouri, b; Montana, 1; Rhode Island, 2; Temnessee, 1; Texas, 1; West Virglnla, 1.

[^30]:    1 Inoludes: Arkansas, 2 establishments; Colorado, 1; Conneotiout, 2; District of Columbia, 1; Georgia, 2; Idaha, 1; Kansas, 2; Marylaud, 1; Massadhusetts, 4; Missourl, 4; Montana, 1; Nobraska, 5; New Hampshire, 1 ; Now Jorsoy, $2 ;$ Toxas, 2 ; Utah, $1 ;$ Vermont, 4 ; Virgnia, 11 ; Wgshington, 1 ; West Virginia, 3 . Wyoming, 1.
    a "Teeth, porcelain."

    - Inoludes: Alabama, 4 establishments; Arkansas 2; Conneoticut, 4; Dolaware, 1; District of Columbia, 1; Iowa, 2; Kontuoky, 3 ; Louislana, 2; Maine, 2; Nobraska, 2; North Dakola, 2; Ohio, 13; South Dakota, 1;
    Washington, 2.

[^31]:    Includes the value of the cloth treated
    42 Indudes: Alabama, 1 eqtablishmont: Californin, 2; Dolaware, 2; Florida, 1; Indiana, 2; Kentuaky; 3;
    Mame, 1; Maryland, 3; Mlohlgart, 1; Mlnuosota, 3; Missourl, 2; Now Mampshire, 1; South Carolina, 3; Tennessoe, 2; West Virginia, 1; Wlsconsin, 2.
    3 Includes artithehal dyestults and mineral colors or dyes at censuses prior to 1910.
    4 Includes: Callornia, 2 establishments; Georgla, 1; Illinois, 3; Louishana, 2; Maryland, 1; Miohigan, 2;
    West Virginia, 3; Wisconsin, 1.

[^32]:    1 Includes: Alabama, I establishmont; Arkansas, 1; Delaware, 1; Tlowda, 1; Kontuoky, 2; Loulsiana, I; Maine, 3; Maryland, 3; Massachusetis, $4 ;$ Nobraska, 2; Now Lampshire; 2; North Dakota, 1; Oklahoma, 1; Orogon, 3; South Carolina, 1; South Dakota, 1; Tonnessee, 1; Vermont, 1; Virginia, 1.
    ${ }^{2}$ Includes: Connectiout, I establishmont; Massachusetts, 3 ; Missouri, 2 ; Now Jersey, 2 ; Ohto, 2 ; Penn sylvania, 2.

[^33]:    Inoludes: Arkansas, 1 ostablishment; Dolawaro, 1; Forda, 1; Kontaoky, 1; Louisiana, 1; Maino, 1 ;

[^34]:    1 Tqeludes: Alabama, 2 establlshments; Arkansas, 1; Colotadb, 2; Delaware; 1; Tndiana, 2; Towa, 1; Kentucky, 4; Massachusettis, 1; Michlgan, 2; Mimesota, 1; Montene, 1; New Sersey, 10 ; Now York, 2 ; Tennessee, 2; Texas, 4; Utah, 1; Washington, 2; West Virginia, 8; Wisconsin, 2; Wyoming, 1.
    ${ }^{2}$ Inoludes: Colorado, 2 establishmonts; Distrtet of Columbia, i; Florida, $1 ;$ Georgia, 1 ; Indiana, 2; Louislana, $1 ;$ Maine, $1 ;$ New Hampshire, $1 ;$ Ohio, 15 ; Oregon, 2 ; Tennessee, 1 ; Vermont, 4 ; Virginia, 1 .
    ${ }^{3}$ Inoludes: Illinois, 2 ostablishments; Indiana, $1 ;$ Missouni, $2 ;$ Washington, 1.

[^35]:    1 Includes: California, 1 establishment; Jllinols, 1; Maine, 2; Miehigan, 1; Missouri, 1; Ohio, 2; Rhode Island, 1; Wlsconsin, 2.
    ${ }^{2}$ Includes: Alabama, 1 establishment; Callfornia, $2 ;$ District of Columbia, 1 ; Iowa, $1 ;$ Maryland, i;
    Now Jorsey, 1; New York, 3; Ohio, 2; Virginia, 1; Washiugton, i.

[^36]:    Tholudes: Aikansas, 2 estabushments; Colorado, 2; Yowa, 1; Kansas, 4; Massachusetts, 2; Miohigan, 1 M Mssouri, 8; Montana, 1 ; Nobraska, 1; Nevada, 1; New Mexico, $1 ;$ New York, 0 ; Rhode Isiand, 1 ; Washington, 3 ; Wost Virginia, 1.
    ${ }^{2}$ Inchdes! Georgta, 1 establishmont; Munols, 2; Indiana, 3 ; Maino, 1, Massachnselts, 3 , Now Hamp-
    shire, 1; Ohio 5; Rhodo Island, 8; Wisoonsin, 2. 1 ; Now Jorsey, 1; Ponnsylvania, 2.

[^37]:    1 Includes: Connecticut, 1 establishment; Delaware, 1; Illinois, 3; Massachusetts, 2; Michigan, 2; Minnesota, 1; Missouri, 2; Ohio, 5; Pennsylvania, 2; Wisconsin, 1.
    2 Explosives and fireworks.
    s "Fireworks," "torpedoes."
    ${ }^{1}$ Includes: California, 1 establishment; Connecticut, 3; Delaware, $1 ;$ Illinols, 4; Indiana, $2 ;$ Xowa, $1 ;$ Maine, 1; Massachusetts, 5 ; Michigan, 1; Missouri, 1; New York, 7; Ohio, 4; Pennsylvanla, 5 ; Rhodo Island, 1 ; Tennessee, 1; Texas, 1; Virginia, 1; Washington, 1.
    "Includes: Colorado, 2 establishments; Iowa, 2; Minnesota, 2; New Jersey, 1; Oregon, 1; Rhode Island, 1; Virginia, 2; Washington, 2; Wisconsin, 2.

[^38]:    1 Inaludes: Colorado, 8 eatablishments; Connecticut, 6; District of Columbia, 1; Florida, 2; Kansas, 2, Kentuoky, 1; Minnesota, 2; Mississippl, 1 ; North Carolina, 3 ; South Caroline, 1; South Dakota, 1; Vermont, 1; Vluginit, 7 ; Washington, 6.
    ; Ingiudes: 7 ; Walifornila, 1 establishment; Illinols, 1; Indana, 1; Kentucky, 3; Minnesota, 1; North Dakota, 1; Oregon, 1.

[^39]:    ${ }^{1}$ Inclades: Arlzona, 1 ostablishment; Delaware, 4; Idaho, 2; Novada, 1; Now Hampshire, 2; Now Mexico, 2; South Dakota, 2.

[^40]:    1 Tncludes: Nevada, 3 establishments; Wyoming 3.
    2 Includes: Ahbama, 2 establishments; Califorila, 1 ; Connecticut, 2; Indiana, 2 ; Maryland, 1 ; Miohigan, 2; Now Jersey, 2; Wisconsin, 1.
    8 Includes: Indlana, 2 establishments; Missouri, 1; New Jersey, 1; New York, 1; Penneylyamia, 2; Virginia, 1; Washington, 1; Wisconsin, 2. The datails for these states are not shown to avoid the possibility ol'disclosure of individual operations.

[^41]:    1 Inoludes: Idaho, 1 establishmont; Kentueky, 2; Maine, 5 ; Rhode Island, 2; Vermont, $2 ;$ Virginia, 3.
    2 Includes: Connectieut, 5 establishments; Georgia, 2; Indima, 2; Lown, $4 ;$ Kentucky, 3 L Louisinna, 1; Maine, 1; Mlunesota, 1; Nebraska, 1; North Carolina. 3; Oregon, 1; Rhodo 1bland, 3; Vormont, 2; Washington, 2; Wisconsin, 2.

[^42]:    ${ }^{1}$ Includes: Colorado, 2 establishments; District of Columbla, 2 ; Iown, 2; Kontucky, 1 ; Loulsiana, 1 ; Nebraska, 1; Oklahoma, 1; Oregon, 2; Tennesseo, 2.
    2 No report recoived for this industry in 1870.
    ${ }^{8}$ Includes: Arlansas, 1 establishment; Distriet of Columbia, 2 ; Loulstana, 4; Novadn, 2; New Mexico, 2; Okiahoma, 2; Wesi Virginia, 3; Wyoming, 2.

[^43]:    1 Includes: Alabama, 2 establishments; Colorado, 2; Florida, 2 ; Goorgia, 2; Idaho, 1 ; Kansas, $1 ;$ Kentucky 3; Louisiana, 1; Maine, 2; Nebraska, 1; North Carolina, 1; Oklahoma, 1; Orogon, 2 ; Tonnesseo, 2; Virginia, 2 ,
    2 Includes: Califormia, 2 es tablishments; Comnocticut, 1 ; Kansas, 1 ; Kentucky, 1 ; Maine, 2; Maryland, 2; Massachusetts, 2; Minnesota, 1; Nebraska, 1; New Elampshire, 1; Now Jersey, 2; Oregon, 1; Rhode Island, 1; South Carolina, 1; Tennessee, 1.

[^44]:    ${ }^{1}$ Includes: California, 2 establishments; Connecticut, 1; Iowa, 1; Kentucky, 1; Maryland, 1; Missouri, 4; New Hampshire, 1 ; New Jersey, 2; Ohio, 2; Washington, 1 ; Wisconsin, 2.
    ${ }_{a}$ Includes: California, 2 establishments; Connectiout, $2 ;$ Maryland, $1 ;$ Pennsylvanta, 4 ; Rhode Island, 2. 1; Missouri, 1; Nebraska, 1; Ohio, 4; Washington, 1; Wisconsin; 2. Louisiana, 2; Michigan, 2; Minnesota,

[^45]:    ${ }^{1}$ Includes: Mlitnols, 1 establishmont; Massachusetts, 1; Michigan, 2; Now Jersey, 1; New York, 2.
    x Includes: Alabama, 1 establishment; Colorado, 3 ; Conneaticut, 4; District of Columbia, 1; Florida, 1;
    Georgia, 2; Illinols, 42; Kansas, 4; Louisiana, 1; Maine, 4; New Hampshire, 2; North Dakota, 1; Okla-
    homa, 1; Oregon, 1; South Dakota, 1; Tennessee, 2; Utah, 1; Vermont, 1; Washington, 2.

[^46]:    1 Includes: Alabama, 1 establishment; Kansas, 4; Maine, 2; Minnosota, 3; Nobraska, 1; New Hampshire, 3; Oklahoma, 2; Oregon, 2; Tonnessoe, 1; Texas, 2; Vermont, 2; Virginia, 4; Washington, 3; West Virginia, 1; W Yoming, 1.
    ${ }_{2}$ Includes: Illinois, 1establishment; Indiana, 2; Michigan, 1 ; Now Hampshire, 1; Ohto, 2; Oklahoma, 2; Ponnsylvania, 2; Tennessee, 2; Texas, 1; Wisconsin, 2; Wyoming, 2.
    ${ }^{3}$ Hat materials.
    " "Hatters' trimmings," "hat tips," and "cap fronts."

    - Includes: Maryland, 1 esteblishment; Michigan, 1; Missouri, 3; Pennsyivania, 6.

[^47]:    ${ }^{1}$ Includes: Arkansas, 1 establishment; Colorado, 3; Delaware, 1; Florida, 1; Kentucky, 3; Louisiana, 1; Michigan, 5 ; Nobreska, $1 ;$ Virginia, 2; Washington, 2 .
    ${ }_{2}$ Includes: Arkansas, i establishment; Florida, 1; Kontucky, 1; Maine, 1; Maryland, 3; Michigan, 1; Nobraska, 2; Now Mampshire, 1; Ohio, 3; Rhode Island, 2; South Dakota, 1; Washington, 1; West Virginia, $1 ;$ Wisconsin, 1.

[^48]:    ${ }^{1}$ Includes: Arizona, 1 establishment; Arkansas, 1 ; California, 1 ; Florida, 1 ; Indiana, 1; Midehigan, 1; Now Jersey, 3; Ohio, 2; Texas, 1; Virginia, 1; Wisconsin, 3.
    ${ }_{2}$ Includes: California, 2 establishments; Colorado, 1; Connectieut, 1; Florida, 1; Ceorgia, 1; Tllinols, 4; Massachusetts, 2; Minnesota, 1; Ohio, 1; Washington, 1.
    ${ }^{3}$ Includes: Connecticut, 1 establishment; New Hampshire, 2; New Jersey, 2; New Yorlk, 1; Vermont, 1.

[^49]:    
    ${ }^{8}$ Inoludes: California, 3 estahlishments; Kontuoky, 1; Muryland, 1 ; Mussahusetta, 8 ; Mlohigan, 2; Minnesota, i; Missourl, 2; Wisconsin, 1.

[^50]:    1 Not shown separately in 1870.
    a Indides: Callfornia, 1 establishment; Colorado, 2; Connocticut, 1; Illinois, 5; Kentucky, 1; Massaehusetts, 6; Michigan, 3 ; Missourl, 8 ; Now Jorsey, 3 ; Ohio, 8 ; Tennessee, 1 ; Virginia, 1; Wisconsin, 1. setts, "Eloctromagnoticinstruments," "mathematicalinsituments," and "surgicalinstruments,"
    includes: Alabama, 2 establishmonts; Colorado, 3 ; Connecticut, 6 ; District of Columbia, 3 ; Indiana, 4; Kansas, 1; Michigan, 4; Mlnnesota, 3; Now Hampshire, 1; Oregon, 1; Rhode Island, 1; Texas, 1.

[^51]:     Minnesota, 2; Missourl, 3 ; Toxas, $1 ;$ Washington, $1 ;$ WIsconsin, 3.
    ${ }_{2}$ Includes: Colorado, 1 establishment; District of Columbia, li Veorgla, $1 ;$ Jowa, $2 ; \mathrm{Mano}$, $1 ;$ Mimosota, 2; Oregon, 1 ; Rhode Island, 3 ; Tennessee, 1; Texas, 1; Utah, 1; Virginia, 2; Wushhgton, 8.

[^52]:    ${ }^{1}$ Includes: Idaho, 2 establishments; Kansas, 2; Kentucky; 3; Loulsiana, 1; Maine, 2; New Hampshire, 1; Oregon, 2.
    ${ }^{2}$ Includes: Connocticut, 1 ostablishment; Illinois, 2 ; Indiana, 2 ; Kentucky, 1 ; Washington, 1 .

[^53]:    1 Includes: Alabama, 1 establishment; Arizona, 2; Delaware, 1; Tlorida, 1; Georgia, 1; Kansas, 1; New Hampshire, 1; New Mexico, 2; North Carolina, 1; North Dakota, 1; Oklahoma, 1; South Carolina, 1; Virginia, 3.
    I Includes: California, 2 establishments; Colorado, 1; Connecticut, 2; Kentucky, 1; Maryland, 1; Missouri, 3; Now IIampshire, 1 ; Ohio, 1 ; Wisconsin, 1 .

[^54]:    ${ }^{1}$ Includes: California, 1 establishment; Delaware 1 ; Georgla, 1; Illnois, 1; Maryland, 1: Massachusetts, 2; Missourl, $1 ;$ New Hampshire, 1; New Yorle, 1 ; North Carolma, 2; Bouth Carolna, 2 ; Virginda, 1.
    ${ }_{2}$ Includes: Delaware, 2 establishments; Lowa, 2; Kontucky, 2; Loulsiana, 3; Malno, 2; Mississippt, 1; Oregon, 1 ; West Virginila; 1.

[^55]:    ${ }^{1}$ Includes: Colorado, 1 establishment; Connectient, 2; Maine, 2; Minnesota, 1; Mlssouri, 1; Montana, 2 New Jersoy, 7; Rhode Island, 2; Toxas, 1; Washington, 1; Wyoming, ${ }^{2}$
    ${ }^{2}$ Includes: Indiana, 1 establishment; Missouri, I; Ohio, 1; Texas 1; Virginita, 2. Tho details tor hese states are not shown, to avoid the possibility of aiselosure of individual operations.
    ${ }^{3}$ Includes: Illinois, J establishment; Maine, 2; Missouri, 2; New Hampshire, 2; Now Jersey, 4; Ohio, b; Vormont, 2; Wisconsin, 1.
    ${ }_{1}$ Indudes: California, 1 I establishment; Coloracio, 1 ; Georgia, 1 ; Illinois, 1 ; Iowa, 1 ; Maryland, 1 ; Massachusetts, 2; Michigan, 1; Minnesota, 1; Missouri, 1; Nebraska, 1; Now Jersey, 1; Ohio, 3; Rhodo Island, 2; South Carolina, 1; Washington, 1; Wisconsin, 2.

[^56]:    ${ }^{1}$ Includes: Alabama, 1 establishment; Colorado, 1; Louisiana, 1; Minnesota, 0 ; North Dakota, 2; Rhode Island, 2; South Dakota, 1; Vermont, 2; Wushington, 2; Wyoming, 1.

    2 Comparable figures for 1899,1889 , and 1879 not available.
    ${ }^{3}$ Includes: Arizona, 2 establishments; Colorado, 1; Florida, 2; Tdaho, 2; Towa, 2 ; Kentucky 3 ; Maine, 4; Montana,2; Nevada, 1; North Carolina :2; Oklahoma, 2; Oregon, 2; Rhodolsland, 1; Wyoming, 2.

[^57]:    1 Includes: Michigan, 1 estahlishment; Minnesota, 2; New Hampshire, 2; New York, 1.
    ${ }^{2}$ Includes: Connocticut, 1 establishment; Indiana, 1; Kentucky, 1 ; Maryland, 1 ; New Jersey, 2; New York, 4; Ohio, 1; Ponnsylvania, 3; South Carolina, 1.

[^58]:    Includes: Georgia, 2 establishments; Iowa, 1 ; Kontucky, $\ldots$; Malne, 2; Montana, 2; Nobraska, 2; Now Hampshire, 1; Oklahoma, 1; Texas, 2; Utah, 1; Virgima, 1.
    a Includes: Delaware, 1 establishmont; Lllinols, 6; Kansas, 1; Maryland, 1; Massachusetts, 2; Mehigan,
    5; Minnesota, 1; Missouri, 2; New Jorsey, 2; Now York, 3; Rhode Island, 2; Washington, I; Wisconsin, 1.

[^59]:    1 Includes: Kansas, 2 ostablishmonts; Nevada, 3.

[^60]:    1 Includes: Nevada, 1 establishment; North Dakota, 10.
    ${ }^{2}$ Includes: Calfornia, 2 establishments; Delaware, 1; Iowa, 1; Kansas, 1; Maryland, 1; Now Hampshire, 3; Washington, 1.
    ${ }^{3}$ Includes: California, 2 establishments; Iowa, 1; Kontucky, 1; Michigan, 2; Ohio, 1; Ponnsylvania, 1.

[^61]:    1 Inoludes: Delaware, 3 establishments; Tdaho, 1; Montana; 2; Now Hampshire, 2; New Mexico, 1; North Dakota, 1; South Dakota, 1; Vermont, 2.
    ${ }^{2}$ Inaludes for 1904 and 1899 some establishments manufacturing suspenders, garters, and elastio wovan goods which are included under "Furnishing goods, men's," for 1909.
    ${ }^{3}$ Includes: District of Columbia, 1 establishment; Kansas, 1 ; Louisiana, 2; Maine, 1; Mississippi, 1;
    Nebraska, 1; New Hampshire, 1; North Carolina, 1; South Carolina, 1; Texas, 4; Vermont, 1 ,

[^62]:    * Includas: Now York, 7 establishmants; Virginia, 2.

[^63]:    ${ }^{1}$ Includes: Colorado, 2 ostablishmonts; Delaware, 3 ; Idaho, 1 ; Loulsiana, 1; Michigan, 3; Minnesota, 1 Montana, $1 ;$ Nebraskn, 1; Now Hampshire, 2; Oklahoma, 2; Oregon, 1; Rhode Island, 1; South Carolina, 7 ;
    Texas, 3; Utah, 8; Wlsconsin, 3 .

[^64]:    ${ }^{1}$ Tnoludes: Arkansas, 1 establishment; Connectiout, 2; Georgla, 1; Kansas, 1; Kentueky, 2; Loutsiana, 1 ; Maryland, 1 ; Michigan, 5 ; Minnesota, 2; Nebraska, 1 ; Oklahoma, 1 ; Oregon, 1 ; Rhole island, 1 ; South Dakota, 1; Washington, 4; West Vinginia, 2.
    2 Patterns.
    ${ }^{8}$ Includes: Delaware, 2 establishments; Cleorgia, 1; Louisiana, 3; Mano, 2; Misslesippi, 1; Montana, 1; Nebraska, 2; Oklahoma, 2; Texas, 3; Utah, 2; Vermont, 1; VIrglnia, 2; West Virginla, 2.

[^65]:    1 Includes: Colorado, 2 establishments; Connecticut, 6; Florida, 1; Kentueky, 1; Maine, 2; Maryland, 1; North Carolina, 1; Ohio, 11; Oklahoma, 1 ; Orgon, 1 ; Toxas, 1 ; Vermont, 1 ; West Virginia, 1.
    ${ }^{2}$ Comparable figures not available for 1899 , 1889, 1879, and 1869.
    ${ }^{3}$ Includes: California, 3 establishments; Connecticut, 2; Iowa, 1; Kentucky, 3; Maryland, 2; Minnesota,
    1; Missouri, 2; Now Jersoy, 2; North Carolina, 1; Vermont, 1; Virginia, 2.
    ${ }^{1}$ Comparable figures not available for 1899, 1889, 1879, and 1860.
    ${ }^{5}$ Includes: Alabama, 1 establishment; Iowa, 1; Kentucky, 2; Maine, 1; Maryland, 3; Minnesota, 2.

[^66]:    1 Inoludes: Calliornia, 2ostablishments; Indiana, 2; Kentucky, 1; Louisiana, 1; Maryland, 2; Michigan 3;' Now Hampshire, 1; Rhode Island, 1; Vermont, 2; Virginia, 1; Washington, 1; Wiseonsin, 2 .
    a Ineludes: Maryland, 1 establishment; Missouri, 1 ; Ohio, 2 ; Oregon, 1; Rhode Island, 4; Vermont, 1.
    ${ }^{3}$ Includes: Californla, 1 establishment; Comneticut, 4; Illinow, 2; Maine, 1 ; Maryland, 2; Massachusetts, 8; Missourl, 1; Now Jorsey, 1; Pennsylvania, 2; Rhode Island, 1; Washington, 1. The details for these states are not shown, to avoid the possibility of disclosure of individual operations.
    " Fishing lines, nots and tacklo" and "mets."

[^67]:    1 Includes: Callfornia, 2 establishments; Connectient, 1 : Maryland, 1; Minnesota, I; New Jersey; 1. The details for these states are not shown, to avoid the possibility of diselosure of individual operations.
    ${ }^{2}$ Includes: California, 4 establishments; Florida, 3; Illnois, 3; Kentueky, 1; Missourl, 1; New Jersey, 1; New York, 1 ; Ohio, 1 ; Rhode Yland, 1; Virginia, 1 .
    ${ }^{8}$ Includes: California, 1 establishment; Kentucky, 1; New York, 5; Ohio, 1; Pennsylvania, 3; Tennessee, 1; Virginia, 2.

[^68]:    a Tncludes: Mllnois, 2 establishments; Towa, 2; Kansas, 1; Now Jersey, 2; Oregon, 1; Washington, 1; Wisconsin, 2.
    ${ }_{2}$ Includes 1 establushmont manuracturing onstor oll in Now Jorsoy and 1 manufacturing lard oil in Now York, statistics for which are included in "All other states," to avold disclosure of individual operations.
    ${ }^{3}$ Inoludes: Iowa, 2 establishments; Kınsas, 1; Kontucky, 3; Louisiana, 4; Minnesota, 1; Nebraska, 1;
    New Jorsey 1; Now York 1; North Demota, 1; Ororon, 2; Rhode Island, 3; South Carolina, 2; South
    Dakota, 1 ; tonnesseo, 2; Virginia, 4 ; West Virginia, 2; 1'isconsin, 4.

[^69]:    1 Includes: Illinois, 1 establishment; Indiana, 1; Maine, $1 ;$ Now York, 1; Ohlo, 2.
    2 Includes: Maine, 1 establishment; Now York, 1; Ohio, 1.
    ${ }^{8}$ Includes: California, 3 establishments; Maryland, 2; Massachusetts, 2; Miohlgan, 1; Minnesota, i; New York, 3 ; Ohio, 5; Wisconsin, 3.

[^70]:    1 "Spectacies and oyo glasses" and "artificial oyes."
    2 Tncludes: Alabama, 1 establishment; Delaware, 1; Florida, 1; Idaho, 1; Montana, 2; Nevada, 1; New Hampshiro, 1; North Dakota, 2; Oldahoma, 2 ; Oregon, 5 ; Utah, 4; Yermont, 1 ; Wisconsin, 3.
    a Includes: Indiana, 1 estabilishment; Maryland, 1; Michigan, 2; New Jersey, 2; New York, 4; Ohio, 3; Ponnsylyania, 2; Wisconsin, 3 .

[^71]:    ${ }^{1}$ Tncludes: Alahama, 1 establishmont; Connecticut, 5 ; Delaware, 3; District of Columba, 1; Wlorida, 4;

[^72]:    1 Tneludes: District of Columbia, 1 establishment; Georgia, 5; Louisiana, 3; Mississippi, 1; North Carolina, 3; Oregon, 4; Rhode Island, 1; South Carolina, 1; Tennessee, 2; Texas, 2 .
    2 Includes: Alabama, I establishment; Colifornia, 3 ; District of Columbia, 2; Georgia, 1 ; Iowa, 1 ; Maine, I;
    Maryland, 3 ; Minnesota, 3 ; Missouri, 3 ; Now Ilampshire, 3; Sonth Carolina, 1; Virginia, 4; West Virgnia, 1 .
    ${ }^{8}$ Includes: Illnois, 1 establishment; Massachusetts, 1; New Jersoy, 1; Ohlo, 1.

[^73]:    1 Comparable fletures not avallable for 1880.
    a Includes: Alabama, s ustablimhments Arizona, 1; Delaware, 2; Idaho, 1; Louisiana, 1; Maine, 2; Montana, $1 /$ Now Moxloo, 1 ; W yoming, 8.
    a Includes: Alabama, 1 establismment; Californita, 1; Connecticut, 1; District of Columbia, 8; Georgia, 2; Illnois, 1; Koutucley, 2; Massuchusetts, 1; Missouri; 8; Ohlo, 2; O lahoma, 2; Oregon, 1; West Virginia, 1.

[^74]:    ${ }^{1}$ Theludest Georgia, 1 establishment; Illinois, 1; Missouri, 1; Now York, 2; Pennsylvanla, 2.
    ${ }^{2}$ Includes: California, 1 establishment; Connecticut, 1 ; Illinois, 5 ; Iowa, 4; Maryland, 1 Massaehusetts, 8; Missoufi, 1; Ohio, 5; Pennsylvania, 2; Wisconsin 2.
    ${ }^{2}$ Includes: Massachusetts, 2 establishments; New Jersey 3.
    4 Includes: Michigan, 1 establishment; New Jersey, 2 ; Pennsylvania, 1. Tho details for these states are not shown, to avoid the possibility of disclosure of individual operations.

[^75]:    
    ; Montana, $1 ;$ North Carolina, 2 ; Oregon, $2 ;$ Pomnsylvania, $8 ;$ Rhode Island, 1 ; Tennesuee, $1 ;$ Virulain,
     tucky, 3; Montana, 2; Nebraska, 3; North Carolina, 2; North Dakota, 1; South Dakota, 1; Weat Virginla, 1,

[^76]:    ${ }^{1}$ Includes: Alabama, 2 establishments; Georgia, 1; Kansas, 2; Mlsslssippi, 1; Montana, 1; Nobraska, 8 ; New Hampshire, 1; North Carolina, 1; North Dakota, 2; South Carolna, l; Vormont, 1: Wost Virginia, 3.
    ${ }^{2}$ Includes: Massachusetts, 2 establishments; Michigan, 1; Nobraska, 1 ; Now Jarsey, 4; 1'emasylvania, $2 ;$
    Virginia, 2; Wisconsin, 1.

[^77]:    1 Includes: Colorado, 1 estublishment; Maino, 1; Missond 1; Now Jersoy, 4; Ohio, 2 Taxas, 1.
    2 Includes: Arkansas, 1 establishment; Commecticut, 2 ; District of Columbta, 2 ; Forida, 1 ; Towa, 1 Loukiana, $1 ;$ Mimesota, 1; Missouri, 2; Nobraski, $2 ;$ Now Hampshire, 1; Oregon, 2; Tennessoo, 8; Utah, ,
    Virginia, 2 ; Wisconsin, 1 .
    3 Includes: Arkansas, 2 establishments; Callfomia, 2; Mlehigan, 1; Oklahoma, 3; Tennossee, 8; Toxas, 8 ; Virginia, 2.

[^78]:    Includes: Arkansas, 1 establishment; Iowa, 1; Louisiana, 1; Maryland, 1; Michigan, 3; Nobraska, 1;

[^79]:    "Includes; Callfoma, 1 ,establishment; Oolorado, 1; Connegticut, 1 ; District of Columbia, 1 ; Indiana, 1 ; Lown Louistana 1; Maryland 3; Nobraska, 1; Texas, 2; Utah, 1; Wisconsin, 1.
    ${ }^{2}$ Includs: Now York, 1 eatablishment; onlo, 3 ; Vormont, 1.

[^80]:    ${ }^{1}$ Includes: Connecticut, 1 establishment; Illinois, 2; Indiana, 2; Maine, 2; Michlgan, 1 ; Minnosota, 2; New Hampshire, 2; New Jorsey, 2; Oregon, 1; Virginia, 1; Wisoonsin, 1.
    2 Includes: Arkansas, 2 establishments; Colorado, 1 ; Connecticut, 3 ; Louisiana, 2 ; Maryland, 1 ; Michigan, 5; Missouri, 3; North Carolina, 1; Oklahoma, 2; Oregon, 1; South Carolina, 1; Tennessee, 1 ; Utah, 1 : Vermont, 2; Virginia, 1; Washington, 1; West Virginia, 1; Wisconsin, 2.
    ${ }^{8}$ Includes: Connecticut, 3 establishments; Iown, 1; Kansas, $2 ;$ Kentucky, 1; Maryland, 1; Massachusetts,
    4; Minnesota, 1; Missouri, 3; Nebraska, 2; New Hampshire, 1; New Jersoy, 1; Temessee, 1; Washington, 2.

[^81]:    1 Includes: Alabama, 1 establishment; Georgia, 2; Indiana, 3; Louisiana, 1; Maine, 1; Maryland, 2; Minnesota, 2; Nobraska, 1; Now Hampshire, 1; Now Jersey, 5; Tennessee, 2; Texas, 2; Washington, 1; West Virginia, 1.
    4 Regalias, banners, and lags.
    3 Includes: Callfornia, 2 establishments; Colorado, 1 ; Commecticut, 1 ; District of Columbia, 1 ; Georgia, 1; Indiane, 1; Loudsiena, 1; Michigan, 1; Minnesota, 1; Zhode Ysland, 1; Tomessee, 1; Wisconsin, 2.

[^82]:    1 Includes: South Carolina, 1 establishment; Tonnessee, 1; Washington, 5.
    2 Loss.
    ${ }_{3}$ Comparable figures not available for 1889.
    1 Includes: Colorado, 2 establishments; District of Columbia, 1; Iown, 5; Kentucky, 3; Marylaud, 3; Michigan, 4; Minnesota, 4; Missouri 4; New Mexico, 1 ; North Carolina, $1 ;$ Oklahoma, 2; Oregon, 2 ; Rhode Island, 1; South Carolina, 1; Wisconsin, 0.

[^83]:    ${ }^{1}$ Includes: Connecticut, 4 establishments; Nevada, 2; New Hampshire, 2.
    2 Includes: Califormia, 2 establishments; Lllinois, 2; Indiana, 1; Kentucky, 1; Maryland, 1; Mehigan, 1; Missouri, 2; New York, 3 ; PennsyIvania, 4; Virginia, 1; Wisconsin, 2.

[^84]:    1 Inoludes: Louisiana, 2 ostablishments; Nevada, 1; Now Mexico, 1; Utah, 6.
    2 Tnoludes: Illinois 1 establishment; Maine, 1 ; Massachusetts, 1 ; Minnesota, 1 ; New York, 4 ; Wisconsin, 1.
    ${ }^{2}$ Includes: District of Columbia, 1 establishment; Florida, 2 ; Georgia, 1; Idaho, 1; Louisiana, 1; Massachusetts, 2; Ohio, 1; Pennsylvania, 1; South Dakrota, 2; Tennessee, 1; Texas, 1; Wisconsin, 1.

[^85]:    1 Includes; California, 1 establishment; Colorado, 2; Iowa, 1; Kansas, 1; Kentucky, 2; Massachusetts, 1; Mississippi, 1 ; Missourl, 5; North Carolina, 1; Ohlo, 5 ; Pemnsylvania, 5 ; Texas, 1; Utah, 2; Vermont, 3 ; Wisconsin, 2.
    a Includes: Maryland, 1 establishment; Missouri, 1 ; Rhode Island, 3; Washington, 1.
    ${ }^{3}$ Includes: Ohio, 1 establishment; Pennsylvania, 1 ; Rhode Island, 1.

[^86]:    I Inclu des: Tllinois, 1 establishment; Indiana, 2; Ohio, 1; Pennsylvania, 1. The details for these states are not shown, to avoid the possibility of disclosure of individual operations.
    2 Includes: Delawaro, 1 establishment; Missouri, 2; NewJersey, 2; (Oho, 3 ; Pemnsylvanta, 3; Wisconsin, 1.
    3 Indurdos: Comnecticut, 2 establishments; Dolaware, 2; Inhiois, 2; Indiana, 2; Lowa, 1; Massachusetits, 4; Mimnesota, 1; Mississıppi, 1; Missourl, 1; New Hampshire, 1; Oregon, 3; Pennsylvania, 10; Rhode Island; 2; Sou th'Carolina, 2; Tennossee, 1; Texas, $1 ;$ Virginia, b; West Virginia, 2.

[^87]:    1 Includes: District of Columbia, 1 establishment; Kentucky, 4; New Fampshire, 1; North Carolina, 1;

[^88]:    1 Inoludes: Arkansas, 2 establishments; District of Columbia, 1; Florida, 1; Georgia, 2; Louisiana, 2; Maine, 2; Nebraska, 2; North Carolina, 2; North Dakota, 1; South Carolina, 2 .
    Maine, ${ }^{2}$; Neludes: California, 1 establishment;' Delaware, 1 ; Georgia, 1; Illinois, 4; Maine, 3; Michigan, 2; New Eampshire, 2; Ohio, 1; Tennessee, 2; West Virginia, 1.

[^89]:    1 Includes: Connocticut, 5 establishments; Mississippi, 1; North Dakota, 1; Oklahoma, 5; South Carolina, 4; South Dakota, 4; Vormont, 2; Wyoming, 2.
    2 Includes: Maryland, 1 establishment; Montana, 3 ; Nevada, 2; New York, 1; Tennessee, 2; Texas, 1; Utah, 1 ; Virginia, 1; Washington, 1 .
    a Tnclude:: California, 1 ostablishment; Colorado, 5; Tdaho, 1; Tllinois, 2 ; Indiana, 2; Kansas, 1; Missouri, 3; Montana, 1 ; Nobraska, 1; Ohio, 1; Oklahoma, 1 ; Pennsylvania, I; Washington, 1; Wisconsin, 1 .
    TInoludes: "Gmelting and refning, antimony," and "smelting and refining, tin," to avoid disclosing Individual operations.
    4 Includes California, 1 establishment; Colorado, 2 . Connectiout, 1 ; Tlinois, 1 ; Missouri, 1; New Jersey, 4; New York, 2; Ponnsylvanla, 1. The details for these states are not shown, to \&void the possibility of disolosure of individual operations.

[^90]:    ${ }^{1}$ Includes: California, 3 establishments; Connecticut, 4; Delaware, 1; Massachusetts, 4; New Hampshire, 1; North Dakota, 1; Virginia, 2; Wisconsin, 1.

[^91]:    1 Includes: Tlorida, 1 establishment; Georgia, 1; Idaho, 1; Kansas, 3; Kentucky, 2; Maryland, 1; Michigan, 4; Montana, 1; Nebraska, 4; Nevada, 1; Now Hampshire, 2; North Carolina, 1; Ohio, 28: Oregon, 4; Tennessoo, 3 ; Texas, 4 ; Virginia, 1 ; West Virginia, 1.
    ${ }_{2}$ Includes: California, 3 establishments; Colorado, 2 ; Connectictat, 1 ; Illinois, 12; Maryland, 1; Massachusettis, $1 ;$ Michigan, 1 ; Minnesota, 1; Missouri, 1; Ohio, 2; Texas, 1; Utah, 1.
    ${ }^{3}$ Includes: Colorado, 2 establishments; Connecticut, 5 ; District of Columbia, 1; Georgia, 1; Kentucky, 4;
    Minnesota, 3; Missouri, 3; Now Lampshire, 1; Oregon, 1; Pennsylvania, 5; Rhode Island, B; Virginla, 1;
    Washungton, 2; Wlsconsin, 4.

[^92]:    1 Includes: Indiana, 3 establishments; Kansas, 1; Maine, 1; Maryland, 2; Minnesota, 2; Missouri, 3; Montana, 2; Now Jersey, 4; Ohio, 7; Oregon, 1; Rhode Island, 1; Vormont, 1; Wiscousin, 3 .
    ${ }^{2}$ Includes: Delaware, 1 establishment; Iowa, 1; Kansas, 1; Kontucky, 2; Louisiana, 1; New Hampshire, 1; Rhode Island, 1; Tonnessee, 2; Washington, 1.

[^93]:    1 Figures not avallable for 1860.
    a Includes: Alabama, 1 ostablishment; California, 2; Georgia, 2; Louisiana, 1; Maryland, 1; Michigan, 5; Minnesota, 2 ; Missouri, 4; Tennessee, 2; Vermont, 1; Virginia, 1; Washington, 1 ; Wisconsin, 4,
    ${ }_{1}$ Includes: District of Columbia, 2 establishments; Goorgia, 1 ; Indiana, 1; Kentucky, 2; Louisiana, 1; Maryland, 2; Nebraska, 1; Orogon, 1; Texas, 3; Virginia, 1.

[^94]:     Vermont, $1 ;$ Virginda, 2; Washington, 1.
    
    

[^95]:    ${ }^{1}$ Includes: California, 1 establishment; Colorado, 1; Indiana, 2; Michigan, 1; Minnesota, 2; Missouri, 2; New Jersey, 1: New York, 1.
    a Figures not available for 1869.
    ${ }^{8}$ Includes: California, 1 establishment; Georgia, 1; Kansas, 1; Kentucky, 2; Louisiana, 2; Maine, 1 ; Maryland, 2; Missouni, 1; Oregon, 2; Rhode Island, 1; Tennessee, 1; Texas, 1; Utah 1; Virginia, 1; Washington, 1.

[^96]:    1 Includes: Arkansas, 1 establishment; Colorado, 1; Connecticut, 1; Indiana, 2; Iowa, 1; Maryland, 2; Minnesota, 8 ; Missouri, 4; Oklahoma, 2; Rhode Island, 1; Texas, 1 ; Vermont, 1; Washington, 1 ; Wisconsin 4.
    2 Includes: Delaware 4 establishments; TIorida, 1; Maine, 2; Montana, 1 ; New Hampshire, 2; North Caro-
    IIna, 1; Oklahoma, 2; Rhode Island, E; South Carolina, 1; South Dakota, I; Utah, 3; West Virginia, 2.

[^97]:    Includes: Delaware, 1 establishment; Illinois, 1 ; Indiana, 2; Iowa, 1; Kontucky, 2; Maryland, 1; Michigan 1; Virginia, 1; Wisconsin, 1.
    ${ }_{2}$ Includes: Connecticut, 1 establishment; Hilnois, 2; Massachusetts, 1; Minnesota, 2; Missouri, 2.
    ${ }^{8}$ Includes: Connecticut, 1 establishment; Minois, 2 ; Kentucky, 1 ;' Missouri, 1 ; Now Jursey, 2; New York, 6; Pemnsylvania, 1; Rhode Lsland, 1. The details for these states are not shown, to avold the possibility of disclosure of individual operations.
    4 Includes: California, 1 establishment; Indiana, 2; Minnesota, 1; New York, 1; Ohio, 3; West Virginia, 4 ; Wisconsin, 1.

[^98]:    ${ }^{1}$ The industry designation did not speelfy cigarettes, which at that time were not made to any conslder ablo extent.
    2 Includos: South Carolina, 0 establishmonts; Vormont 14.

[^99]:    1 Includes: Alabama, 1 establishment; Colorado, 2: District or Columbia, 1; Tlorlda, 1 ; Ceorght, 1 : Tdaho, 1; Kansas, 1; Kentueky, 2; Maine, 4; Nebraska, 2; Oregon, 2; South Dakota, 1; Tomnessee, 1; Taxas, 1; West Virginin, 1.
    ${ }^{2}$ Includes: Alabama; 1 establishment; Arizona, 1; Arkansas, 1; Connecticut, 3; Distriet of Columbia, 1; Georgia, 2; Kansas, 3; Kentuoky, 2; Louisinna, 2; Maine, 2; North Dakota, 1; Rhode Island, 1; South Dakota, 1; Wyoming, 1.

[^100]:    ${ }^{1}$ Includes: California, 1 establishment; Conneoticut, 1; Kansas, 1; Maine, 1; Massachusetts, 3; Missouri, 1; New Jersey, 1; Now York, 5; Ohio, 3; Pennsylvania, 3.
    ${ }^{2}$ Tnoludes: California, 2 establishments; Colorado, 1; Indiana, 2; Louisiana, 1; Massachusetts, 3; Michigan, 2; Oregon, 1; Pennsylvania, 9 ; Texas, 1; Washington, 1; Wisconsin, 2.

[^101]:    1"Umbrellafurniture", and "umbrollas and canes."
    2 "Urmbrella furnituro" and "umbrellas and parasols."
    s "Unbrerellas." Canes included under "whips and canes" in 1849, and under "whips, whip lashes, sackets, and canes" in 1859.
    ${ }^{1}$ Includes: California, 1 establishment; Connoctiont, 2; Florida, 1 ; Ilinois, 2; Indianu, 1; Louisiana, 3; Michigan 2; New Jersey, 5; Rhode Island, 1; South Carolina, 1; Utah, 1; Wisconsin, 3.

    - Includes: Alabama, 2 establishments; Arkansas, 3; California, 3; Colorado, 1; Conneaticut, 1; Florida, 2; Indiana, 4; Iowa, 2; Kentucky, 1; Maine, 1; Missouri, 1; New York, 18; North Carolina, 2; North Dakota, 2; Ohio, 1: Oregon. 2;Rhodo Island, 1; Tennessee, 2; Utah, 1; Vermont, 1; Washingion, 1.

[^102]:    I Includes: Alabama, 2 establishments; Arkansas, 3; Dolaware, 1; Distret of Columhia, 2; Tlorda, 1
     Utah, 2; Wisconsin, 2 .
    2 Inchudes: Delaware, 1 establishmont; Indiana, 2; Massachusotts, 2; Ohio, 3.

[^103]:    1 Tucluded in "Lime and coment" in 1899, 1880, and 1879.
    1 Includes: Colorado, 3 establishments; Connecticut, 1 ; Kontucky, 3 ; Maryland, 1; Missouri, 1; Nevada, 3; New Jersey, 4; Now Mexico, 2; Oklahoma, 4; Oregon, 1; South Dekota, 2; Utah, 3 ; Vermont, 1 ; Virginia, 3; Washington, 2; West Virginia, 3; Wisconsin, 2; Wyoming, 3.
    ' Includes: Callfornia, 3 establishments; Connecticut, 1; Kansas, 3: Kentucky, 1; Maryland, 1 ; Massachusetts, 1; Michigan, 4; Minnesota, 1; Nebraska, 2; New Jorsey, 2; Oklahoma, 1; Pennsylvania, 8; Rhode Island, $1 ;$ Texas, 2.

[^104]:    ${ }^{1}$ Tneludes: California, 2 establishments; Georgia, 1; Tndiana, 1; Kontueky, 1; Michigan, 1; Missouri, 1; New Hampshire, 1; North Carolina, 2; Ohio, 1; Orogon, 1; Rhodo Island, 1; Soull Curolina, 1; Texas, 3 Wisconsin, 3.

    Includes: Now Jersey, 1 establishment; Penusylvania, 3.
    IIncludes: Connecticut, I establishment; Milinols, 4; Xentucky, 1; Miohigan, 1; Now Jersey, 3; Ohio, 3; Pennsylvania, 2.

[^105]:    ${ }^{1}$ Includes: Connecticut, 3 establishments; Illinois, 2; Indiana, 1; Massachusetts, 5 ; New Jersey, 2; New York, 3; Ohio, 1 ; Pennsylvania, 1. The details for these states are not shown to avoid the possibility of disclosure of individual operations.
    2 Includes: Minnesota, 1 establishment; New York, 2; North Carolina, 1; Ohio, 5; Pennsylvania, 1;
    Tennessee, 1. The details for these states are not shown, to avoid the possibility of disclosure of individual operations.
    ${ }^{8}$ Whips and canes.

    - Whips, whiplashes, sockets, and canes.
    - Includes: Illinois, 2 establishments; Missouri, 1; Texas, 1; Virginia, 1.

[^106]:    ${ }^{1}$ Includes: Iowa, 1 establishment; Michigan, 2; Now Jersey, 1; North Dakota, 1; Ohio, 1; Texas, 1; Wisconsin, 5 .
    2 Includes: Alabama; 1 establishment; Arkansas, 2; Colorado, 3; District of Columbia, 1 ; Idaho, 1; Iowa, 1; Kansas, 1; Maine, 1; Minnesota, 5; Now Hampshire, 2; Now Jersey, 7; Oklahoma, 1; Rhode Isiand, 1; South Carolina, 2; South Dakota, 1; Vermont, 1; Wisconsin, 1.

[^107]:    1 Inoludes: District of Columbia, 2 establishments; Georgia, 1; Kentucky, 1; Missouri, 3; Nebraska, 1; North Carolina, 2; Ohio, 12; Oregon, 2; Rhode Island, 2 ; Tennesseo, 2; Virginia, 1.
    2 Includes wire workers.
    ${ }^{8}$ Includes: Indiana, 2 establishments; Michigan, 1; Missouri, 1; New York, 8; Ohio, 5; Rhode Island, 2; Wisconsin, 3.

[^108]:     Texas, 6; Vermont, 1; Washington, 3; West Virginia, 2.
    2 Figures for 1919 oan not be shown without disclosing individual operations.

[^109]:    1 1noludes: Calformin, 2 owtablishumuts; Ludiam, 1; Mahe, 2; Now York, 2; Ohio, 2; Oregon, 1; Utah, 1; Wushumton, 1.
    
    1: Ohto, 1 Oregon, 2 ; Penntylunla, 3 ; Wheoush, 1.
    Includes Ifluble, 2 establishments Malne, 3; Now Jersey, 2; Ohlo, 3; Tennessoe, 1; Vermont, 3 ; Wheconshn, 2.

