
THE STATISTICS OF MINING AND OF THE FISHERIES.

REMARKS ON THE STATISTICS OF MINING.

The statistics following are of very unequal value, for the reason that the machinery of enumeration provided by the census law of 1850 was created without consideration of certain of the great mining industries of the country, (some of which, indeed, at the date of the passage of the act, had scarcely come into existence within the United States, and none of which were then of great importance,) and cannot be applied to them with any degree of success.

It may fairly be taken for granted that an attempt to enumerate cotton-spinning, coal-mining, and cod-fishing, on one and the same schedule, will always result in returns unsatisfactory in respect to one, if not two, of the three industries so widely diverse in character and conditions. In the nature of the case, no schedule could be formed which would apply equally to each of the three great branches of industry represented by the three specific industries just mentioned, unless it were one so general in form and so meager in respect to details as to meet the case of each equally, because of the least possible significance in respect to any.

As matter of fact, the schedule which, by the census law of 1850, was assigned in common to the three great departments of industry, manufactures, mining, and the fisheries, is very unequally adapted to meet successively the requirements of each. While it falls very far short of compassing all the facts which are desirable and accessible in respect to manufactures, it cannot be said to be ineffectual or inapt* for the enumeration of this department of industry. It does not seek all that clearly should be done in a census of industry, but is reasonably well adapted—granted a proper system of appointing assistant marshals—to accomplish what it does attempt.

For precisely the same reasons which assure to the schedule some degree of success in enumerating manufactures, it is unfitted for the canvass of industries differing so widely in their requirements as mining and the fisheries. The coal and iron mining interests, indeed, can, though with an undue expenditure of force, and inadequately as respects the degree of detail in results secured, be enumerated under the general system prescribed for collecting the statistics of manufactures, with, perhaps, no more than the usual loss from the total value of the product. But, in respect to gold and silver mining, as to a number of smaller mining industries not dealing with the precious metals, the machinery of enumeration is so inapt and so insufficient that the results cannot honestly be published without an ample admission of errors and defects.

COAL.

The statistics of coal-mining, as obtained in the census, are, in the main, highly satisfactory. A somewhat more complete statement of the product might have been reached by a scheme of enumeration better adapted to the special conditions of this industry, and much technical information of great value obtained which the census schedules make no attempt to compass. Yet, on the whole, the general results in respect to the coal product must be pronounced excellent. They are incomparably more complete and accurate than any ever before published from official or from private sources, and probably contain in themselves as small a degree of error as can reasonably be expected in a statistical work not conducted by experts, nor by means of schedules special to the immediate industry

*This remark applies to the schedule merely, and not to the agencies provided for the collection of the information required.

under enumeration. A slight deficiency is to be noted in the coal product of Maryland, mainly in Allegany County, the cause of which the Census Office found itself unable by correspondence to reach.*

IRON.

The amount of iron ore reported as raised in the several States corresponds quite satisfactorily with information derived from other sources, and is reasonably confirmed by all the tests which it has been in the power of this Office to apply, except in the case of Pennsylvania. There is here a marked deficiency, due to the failure of assistant marshals to separately record the raising and the smelting of ore, when both industrial processes were carried on under the same ownership. From this it results that, while the product of pig-iron is quite accurately determined, the mining part of this compound industry is largely understated. The deficiency amounts, probably, to not less than eight or nine hundred thousand tons.

One feature of this table deserves to be noted. It is the failure of the product, in several States other than Pennsylvania, to correspond even approximately with the pig-iron product of those States, as per Table X of this volume. This want of correspondence is due generally, not to the neglect of assistant marshals, but to the fact that vast and increasing quantities of ore are now, with the high prices ruling for pig-iron, and with the extension of our railway system, being transported to such considerable distances as to seriously disturb the balance between the amounts of ore raised and smelted in many States. This transportation of ores is also largely influenced by consideration of the chemical properties of the ores found in certain States—Michigan, pre-eminently—rendering them highly desirable for mixing with the local ores of other sections.

STONE-QUARRYING.

The statistics of stone-quarrying, herewith presented, are susceptible of no tests known to the Superintendent, but it may be assumed that the returns of assistant marshals embrace, at the best, only the larger quarries of the country, and have, in general, taken no account of such as are worked irregularly and for local purposes only. Undoubtedly, too, many quarries of importance have been overlooked or neglected in the enumeration. Indeed, if there is any one branch of industry to which the manufacturing schedule of the census can be said to be ill-adapted, it is the quarrying of stone and marble. The results are given for what they are worth, it being impracticable, from any information in possession of the Census Office, even to estimate the degree of deficiency.

* The following comparative statement of coal production and consumption has been kindly furnished the Superintendent by James Macfarlane, esq., author of a work, now in press, on the "Coal Regions of America."

The largest production of coal in the world is that of Great Britain, which is more than three times that of the United States.

A brief account of it may be useful, now that it is supposed to have attained its maximum, while ours has scarcely passed its infancy.

The following are the official statistics of the coal mined in the United Kingdom of Great Britain:

Years.	Tons mined.	Annual increase.	Annual decrease.	Increase in five years.	Increase in ten years.	Tons exported.
1854.....	64,661,401	.....	.....	.....	.....	.....
1855.....	64,453,070	.....	208,323	.....	.....	5,879,779
1856.....	66,645,450	2,192,371	.....	.....	.....	6,737,718
1857.....	65,394,707	.....	1,250,743	.....	.....	6,539,483
1858.....	65,008,049	.....	386,058	.....	.....	7,006,949
1859.....	71,079,765	6,971,116	.....	7,318,364	.....	7,321,832
1860.....	84,042,698	6,062,933	.....	.....	.....	7,855,115
1861.....	86,039,914	1,990,516	.....	.....	.....	8,301,852
1862.....	81,638,338	.....	4,400,876	.....	.....	8,275,213
1863.....	86,292,215	4,653,877	.....	.....	.....	8,800,908
1864.....	92,787,873	6,495,658	.....	20,610,108	.....	9,170,477
1865.....	98,150,587	5,363,714	.....	.....	.....	9,170,477
1866.....	101,630,544	3,479,957	.....	.....	.....	9,953,712
1867.....	104,500,480	2,869,936	.....	.....	.....	10,415,778
1868.....	103,141,157	.....	1,359,923	.....	.....	10,837,804
1869.....	107,427,557	4,286,400	.....	14,639,684	35,447,792	10,538,425
1870.....	110,431,192	3,003,635	.....	.....	.....	.....
1871.....	.....	.....	.....	.....	.....	.....

It is remarkable that there is no authentic account of the quantity of coal mined in Great Britain previous to the year 1854. The first report of the "Mineral Statistics of the United Kingdom," giving, with all possible exactness, the quantity of coal raised, as obtained by direct application to the coal-owners, was published in July, 1855, and annually since that period a similar detailed report has been

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GOLD AND SILVER PRODUCT.

The statistics of the gold and silver product, as obtained by the census, are here published in conformity with what is understood to be the requirement of law; but it would be wholly unjustifiable were the figures to be put forth without a distinct and emphatic disclaimer of their validity and authority.

In the summer of 1869, the present Superintendent of Census having been invited to lay before a committee of the United States House of Representatives his views on the best method of enumerating the industry of the United States at the approaching census, submitted the following remarks relative to gold and silver mining:

"The fullest examination which I have been able to give to the subject, inclines me to the belief that our mining industries, in part, if not altogether, deserve a special treatment in the coming census. Coal-mining and iron-mining, indeed, dealing, as they do, with heavy products, and being carried on almost exclusively within the limits of settlement and civilization, are susceptible of treatment like any other forms of industry.

"I do not, however, regard it as possible to make an enumeration of the gold and silver mining of the United States by the ordinary machinery of marshals and prepared blanks, which shall be in any way satisfactory. On the contrary, the probability is that the results under such a system would either be deceptive in the highest degree, or else depart so manifestly from the real truth of the case as to become simply grotesque. Such are the inherent difficulties of enumerating gold and silver product, owing to the high value for its bulk, and to the thousand reasons and opportunities for concealment or exaggeration; and such are the peculiar and extraordinary difficulties in our own case, owing to the fact that these industries are mainly pursued at a distance from settlement, and in a wild, wasteful, spasmodic way, that, for the officials in charge of the census to simply classify and compile the

issued. The following is an estimate made from the best data obtainable, by Mr. Robert Hunt, the chief of the mining record office of the United Kingdom, of all the coal mined in Great Britain since coal was first used in the country:

	Tons.
Mined in the three centuries before 1800.....	850,000,000
Mined from 1800 to 1850	2,000,000,000.
Mined from 1854 to 1870	1,454,224,897
Total coal mined in Great Britain.....	<u>4,304,224,897</u>

The following are the uses made of the coal mined in 1869:

	Tons.
Used in iron manufactures.....	32,446,606
General manufacturing, steam-power, &c.....	25,327,213
Metallurgies, other than iron.....	859,231
Mines and collieries.....	7,225,423
Gas and water works.....	7,811,980
Steamships	3,277,562
On railways.....	2,027,500
Domestic consumption.....	18,481,527
Miscellaneous.....	195,045
Exported.....	9,775,470
Total production in 1869.....	<u>107,427,557</u>

Among the notable points in the above statement are the very large proportion of the coal used in the manufacture of iron, thirty-two and a half million of tons, and the small quantity used on railroads, being only two million of tons.

In looking forward to our probable future coal-trade, the great number and length of our railroads will form, perhaps, the largest item in the account of our consumption of coal, instead of one of the smallest, as in England. The use of wood in locomotive engines is only temporary. So large is the consumption of fuel in these machines, that our forests go down before them. On the New York Central and Hudson River Railroads each engine consumes seven hundred and fifty tons of coal per annum. On roads with a lighter traffic a less quantity may be used, but it cannot be questioned that the consumption of coal in this manner will very soon amount to many millions of tons.

The use of coal for domestic purposes in this country will very much exceed that of Great Britain in proportion to the population. This will be owing both to the greater severity of the climate, and the more equal distribution of property, which enables our whole people to indulge in the free use of the best fuel.

The manufacture of iron is vastly on the increase here, as well as manufacturing generally, both of which have been lately much stimulated by the increased price of coal and cost of labor in England. Our anthracite coal-trade has more than doubled from 1862 to 1872, and it is supposed that it will not hereafter very much exceed twenty-five millions of tons with our present railroads only; but, to the production of the various kinds of bituminous coal there is no limit except the demand in the interior of the country.

The exportation of coal is a branch of the trade which has scarcely begun in America, but which is destined at an early day to absorb millions of tons of our production. But it is scarcely necessary to point out the future greatness of the coal-trade of America, as it is manifest to the most superficial observer. It is not at all improbable that the census of 1880 will prove that the coal production of the United States will then exceed that of Great Britain.

returns of product which might be made to them, and to publish these as authentic and official, without exercising the freest criticism, and testing every part by information independently acquired, would be to discredit the whole work rather than to add anything to its value. I reach the conclusion, then, with all deference, that the machinery of blanks, solely, in the hands of men having no particular knowledge of the subject—in the hands, that is, of the average marshal or assistant marshal—would be found wholly inadequate to the work of enumerating the gold and silver product of the country.

"I am fully of the opinion that the investigation of the mining interests should be placed in the hands of experts, with somewhat more of freedom and fullness of method than is necessary in the case of industries which deal with bulky products, which are prosecuted in the midst of settlement and civilization, and which have long ago assumed something like stability of form and regularity of conditions; if, indeed, they have not acquired traditional limits within which their progress can safely be calculated. If this should be done, there would then be no objection, but rather a marked propriety in intrusting to the same hands the enumeration of the coal and iron mining interests of the Atlantic coast. Moreover, I take the liberty of calling the attention of the honorable committee to the fact that there are a number of mining interests much less known to the public than those which have been mentioned, yet of great economical importance, which are just beginning to develop into appreciable proportions in various parts of the country, especially at the East. They are already of consequence enough to deserve a special and careful treatment, and there is every reason to believe that, by another ten years, they will have become so much known and thought of as to give great value to a full and reliable statement of their condition at the present time. These can only be satisfactorily traced out and defined by those who have made mining and metallurgy a specialty, and have a wide acquaintance with the progress of these arts and industries in this country."

The gold and silver product for the year most nearly corresponding to the census year, is given by the Commissioner of Mining Statistics, Professor R. W. Raymond, of New York, as follows:

California.....	\$22,500,000
Nevada.....	14,000,000
Oregon and Washington	3,000,000
Idaho.....	7,000,000
Montana.....	9,000,000
Colorado and Wyoming	4,000,000
New Mexico.....	500,000
Arizona.....	1,000,000
All other sources	500,000
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	61,500,000
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This includes the milled as well as the mined product.

The returns of the census, which exclude the value added by milling, give the gold and silver MINING product proper, as follows:

Hydraulic.....	\$2,508,531
Placer.....	7,266,613
Quartz.....	16,677,508
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	26,452,652
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Allowing forty-five per cent for the value added to the quartz product by milling, we have a gross product of gold and silver of but \$33,957,531, against the aggregate reported by the Commissioner of Mining Statistics.

Although the Superintendent is somewhat distrustful of estimates of gold and silver product, especially in this country, he has no desire to diminish the force of the disparaging contrast thus presented, believing that he can shelter himself amply behind the predictions and declarations made to the House Committee on the Census, just recited.

While submitting, however, to the disparaging contrast between the product reported for 1870 and the same as estimated by the accomplished Commissioner of Mining Statistics, without any attempt to reduce its force by showing the tendency to duplication and general exaggeration inhering in all statements of bullion product, the Superintendent can yet not submit to the disparaging contrast which, on the face, exists between the published bullion product of 1860 and the same here published for 1870.

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The aggregate of "gold-mining" industry for 1860, as the same appears in the United States Table of Manufactures for the Eighth Census, is shown in the following table in connection with the corresponding statement for the Ninth Census:

	1860.	1870.
Establishments.....	7,202	2,377
Hands.....	44,316	16,908
Wages.....	\$23,661,620	\$8,796,525
Product.....	\$47,163,170	\$26,452,652

From this it would appear that the bullion product of 1860 was far more successfully obtained by the officers and agents of the census than was the product of 1870. An analysis of the detailed statements for 1860, however, shows that precisely the reverse is true. Two-thirds, at least, probably three-fourths, of the aggregate of the former year was made up wholly of estimates (in which the Superintendent of the present census has not allowed himself to indulge); of duplicated production, resulting from the value of the gold or silver quartz being twice counted—once, directly after being mined, and, again, after being milled; and of still another class of duplications, and, indeed, even of triplications, resulting from the inclusion of the assaying and refining of gold and silver, all the value thus reported having been once before included as bullion, and a portion of it having been already twice reported; once as the value of ore, and once, again, as bullion, and now, a third time, as assayed or refined metal. Thus, while the totals for this industry for the United States were as given above, the totals for California were as follows, comprising, it will be seen, 94.7 per cent. of the reported product of the country:

	United States.	California.
Establishments.....	7,202	7,042
Hands.....	44,316	42,616
Wages.....	\$23,661,620	\$22,914,767
Product.....	\$47,163,170	\$44,717,333

Reference to Table II for that State, (page 34, volume on Manufactures, 1860,) however, shows that 5,000 establishments, out of 7,042, were not returned at all to the Census Office, but were estimated for by the Superintendent, without even being localized by counties within the State.

	Aggregate for California, as published.	Of which there was estimated for at the Census Office, Washington.
Establishments.....	7,042	5,000
Hands	42,616	35,000
Wages.....	\$22,914,767	\$17,500,000
Product.....	\$44,717,333	\$19,650,000

Making deduction on this account, we should have the totals of the State and of the United States reduced to the following:

	United States.	California.
Establishments.....	2,202	2,042
Hands	9,316	7,616
Wages.....	\$6,161,620	\$5,414,767
Product.....	\$27,513,170	\$25,067,333

But an examination of the tables for San Francisco County shows that, of this remaining aggregate production, not less than \$10,135,000 belonged to two establishments situated in that county, employing altogether but fifteen hands, and paying but \$16,440 wages. It is evident at a glance, both from the location assigned to these establishments, and from the relation of labor and wages to production, that these were simply refining and assaying establishments, not on any account to be included in the statement of "gold-mining," and reference to the returns rendered to the Census Office in respect to these establishments shows this to have been their actual character.

The gold thus embraced in the production of these establishments had clearly been once before returned, and no small portion of it probably returned twice before; once at the mine and once at the mill, so that all this product represents a duplication, and much of it a triplication of values. Treating it as a duplication merely, we should have the totals of "gold-mining" for California and for the United States, respectively, at 1860, reduced to the following:

	United States.	California.
Establishments.....	2,200	2,040
Hands.....	9,301	7,601
Wages.....	\$6,145,180	\$5,398,327
Product.....	\$17,378,170	\$14,932,333

It is further evident that considerable duplications of value have been introduced into the statement of "gold-mining" for 1860, even as thus diminished, from the fact that no returns of quartz-milling separately appear to have been made; yet it is notorious that, at that date, an important part of the ore raised was reduced by parties other than owners of mines. Just what further reduction should be made from the last total reached, viz, \$17,378,170, on the account just indicated, could only be determined by reference to all the original returns of this industry at 1860, and even then with no great assurance of correctness. The subject, however, ceases to be interesting after such extensive reductions in the reported product of 1860, and the labor necessary to determine just how much "gold-mining" product was actually returned at the Eighth Census would scarcely be compensated by the value of the results.

DESCRIPTION OF THE GEOLOGICAL MAP.

For the elaborate geological map of the States and Territories, which accompanies the present volume, the Census Office is indebted to Professor C. H. Hitchcock, of Dartmouth College, Hanover, New Hampshire, who has, for many years, been engaged in the collection of information, both printed and in manuscript, from the best geologists, for the purpose of constructing a complete Geological Atlas of North America. The present effort is the first-fruit of these labors. The information was designed primarily for the larger work, but, in consequence of unavoidable delays in the issue of the Atlas, Professor Hitchcock has felt himself justified in compiling from it, for the publications of the Ninth Census, this preliminary map, which the Superintendent submits to the country, with a confidence derived from long knowledge of the scholarly care and conscientiousness which characterizes all of the author's work. The following notes from Professor Hitchcock contain all the explanatory or descriptive matter which it is deemed essential to present in this place.

In the work of compilation great assistance has been rendered by Professor William P. Blake, of Connecticut, who is responsible especially for the coloring of the western portion of the map. Professor Blake's knowledge of the Territories, both on account of personal observations and editorship of the results of other explorers' work in the reports of the Pacific Railroad surveys, enables us to present the best interpretation of the geological structure of the Territories yet offered to the public.

The following are the authorities used in the compilation of the map; only the maps employed in the compilation are cited. The special sources for the several primary maps will be given in the larger work to which reference has been made.

Maine.—Manuscript map, prepared by C. H. Hitchcock, for the State authorities, in 1863.

New Hampshire.—Manuscript map, prepared by C. H. Hitchcock in 1872, as the result of the geological survey now in progress.

Vermont.—C. H. Hitchcock's map, as published in the final report, corrected by the latest discoveries.

Massachusetts.—E. Hitchcock's map of 1844, an improvement over the one in final report, and not generally known to exist. This has been improved by his own later observations and those of C. H. Hitchcock.

Rhode Island.—C. T. Jackson's map, in final report, improved by C. H. Hitchcock.

Connecticut.—Essentially the map of J. G. Percival.

New York.—Official survey map of 1843, improved by James Hall, in Logan's map of Canada, 1869, and by others.

New Jersey.—Latest map, by Professor George H. Cook.

Pennsylvania.—Map of geological survey, 1858.

Maryland.—Map of geological survey, improved by P. T. Tyson.

Delaware.—Geological report, (no map,) by J. C. Booth.

Virginia and West Virginia.—Map prepared, by W. B. Rogers, in 1844, from the observations of geological survey, never published. Professor Rogers's ill-health has prevented him from examining our copy, and any errors that may possibly exist must be ascribed to this circumstance.

North Carolina.—Manuscript map, by W. C. Kerr.

South Carolina.—Triomey's and Lieber's maps, revised by F. S. Holmes.

Georgia.—Map in White's *Statistics*, with improvements, especially in northwest part of the State, by J. M. Safford.

Florida.—No map of this State has ever been made.

Bahama Islands.—Manuscript map of W. M. Gabb.

Alabama.—Manuscript map, by Dr. G. Little. Northern part, by J. M. Safford.

Mississippi and Louisiana.—Manuscript map, by E. W. Hilgard.

Tennessee.—Map of final report, improved by James M. Safford.

Kentucky.—Manuscript map, by S. S. Lyon, prepared from the results of geological survey under direction of D. D. Owen.

Ohio.—Latest map of J. S. Newberry.

Michigan.—Lower peninsula, from map of Alexander Winchell; upper peninsula, from map of Foster and Whitney, with improvements by Logan.

Minnesota.—Mostly from Logan's map, with suggestions from C. A. White and a paper by James Hall.

Wisconsin.—Manuscript map, by I. A. Lapham, expressly prepared for the purpose mentioned above; largely from J. D. Whitney's report.

Iowa.—C. A. White's latest map.

Illinois.—A. H. Worthen's manuscript, embodying results of his survey.

Indiana.—Manuscript map, by Richard Owen, former State geologist.

Missouri.—Manuscript map, by G. C. Swallow, former State geologist.

Kansas.—Compiled from information given by G. C. Swallow, Meek and Hayden, J. L. Leconte, J. S. Newberry, and W. P. Blake.

Arkansas.—Chiefly from manuscript map of Richard Owen, compiled from report of D. D. Owen.

Indian Territory.—Marcy's Red River Expedition, Jules Marcou's report, and other sources; revised by J. S. Newberry.

Texas.—S. B. Buckley's manuscript map for the eastern portion; maps of various Government expeditions, carefully considered, by W. P. Blake and J. S. Newberry.

New Mexico and Arizona.—Manuscript map, by J. S. Newberry.

Colorado.—Parts by J. S. Newberry, F. V. Hayden, and W. P. Blake.

Utah, Nevada, California, and Oregon.—Compiled by W. P. Blake, from personal observations; Pacific Railroad reports, both for United States and railroad corporations; California reports, by J. D. Whitney; Geology of 40th parallel, by Clarence King, and other sources.

Dakota, Montana, Idaho, Wyoming, and Nebraska.—Maps, by F. V. Hayden, (Reynolds's expedition, and final report on Nebraska.)

Washington Territory.—Compiled by W. P. Blake, from manuscript notes of George Gibbs, and other sources.

Canada.—Sir W. E. Logan's map, published in 1869.

The formations are arranged in nine groups, not in every respect the most natural, but the most convenient, from the material in existence. The first group of *Eozoic* includes the granites and other metamorphic rocks; both those older than Paleozoic and those more recent. In the Appalachian region there may be some Paleozoic crystalline schists. In the Territories and along the Pacific border there are many crystalline schists of Mesozoic age, a few patches of which are indicated; but their entire limits are unknown as yet. In this group is included the *Huronian System*. These are the talcose rocks of the eastern border region, referred to the Lower Silurian by W. E. Logan and others. They are largely developed in Maine.

The *Silurian System* is made to extend from the Paradoxides beds to the Lower Helderberg, inclusive, in accordance with the general usage of American geologists. There is good reason to believe that the limits of the Silurian should be modified in accordance with the views of Professor Adam Sedgwick, of Cambridge, England. In the Silurian are included the "Calciferous mica-schist," of Vermont, the "Coös group," of New Hampshire, the "Merrimack group," of New Hampshire and Massachusetts, and some schists in North and South Carolina, whose precise position is not well determined.

The Paleozoic rocks in the western portion of the map are undivided, as is true, also, of the Cenozoic, save a few Post-Tertiary lacustral areas and deltas. The lacustral areas will be much enlarged in the future, as our information shall be more precise.

COAL-MEASURES.

The most important division for giving accurate practical information is that of the "*Coal-Measures*." With it is included in Nebraska, Kansas, and Indian Territory an inconsiderable area of Permian and Permo-carboniferous.

The following are the areas of the coal-measures in the United States:

New England basin, in Massachusetts and Rhode Island, estimated to cover 750 square miles. The coal is a plumbaginous anthracite, used to advantage in some smelting furnaces. Perhaps eleven beds may exist; best seen in Portsmouth, Rhode Island. The maximum thickness is 23 feet. The whole carboniferous system is supposed to be 6,500 feet thick, of which 2,500 pertains exclusively to the coal-measures.

Anthracite basins in Pennsylvania.—This is the most important coal district in the United States. There are four areas, having an area of 410 square miles, not including the Broad-Top semi-anthracite, which amounts to 24 more. The measures are from 2,000 to 3,000 feet thick. The number of distinct beds varies from two to twenty-five, according to the depth of the basin. The maximum amount near Pottsville is given at 207 feet, while the average cannot be far from 70 feet.—(H. D. ROGERS.)

DESCRIPTION OF THE GEOLOGICAL MAP.

The *Appalachian field* embraces an area of 63,475 square miles, extending from Pennsylvania to Alabama. In Pennsylvania the aggregate thickness of the measures is from 825 to 2,535 feet. The area of the bituminous coal is 12,222 square miles, with an average thickness of 40 feet of coal.—(H. D. ROGERS.)

In Maryland the area is 550 square miles, in three separate basins. The strata are 1,500 feet thick. There are thirty-two beds in all—one of 14 feet; three of 6 feet each; others from 1 to 5 feet thick.—(P. T. TYSON.)

In Virginia (chiefly West Virginia) the coal area embraces 16,000 square miles. On the Kanawha the strata are 1,250 feet thick, with twenty-four beds of coals, of which eleven have an aggregate of 51 feet thickness. The coals seem best developed on this river.—(T. S. RIDGEWAY.)

In Ohio, Dr. J. S. Newberry states the area to be more than 10,000 square miles, with a thickness of 1,500 feet, and ten workable beds of coal, corresponding in number and thickness to those of Pennsylvania and West Virginia.

In Eastern Kentucky the area is stated to be 10,000 square miles.

In Tennessee, Professor J. M. Safford states the area of the measures to be 5,100 square miles. One characteristic section gives a thickness of 578 feet. There are seven beds of coal, with a total thickness of 14 feet. The beds vary locally in their dimensions, some of them being 9 feet thick, but thinning out very rapidly.

In Georgia the area may be represented by 170 square miles.

In Alabama a hasty measurement would indicate an area of 9,000 square miles.

The *Michigan basin* has an area of 6,700 square miles, with 123 feet of measures and 11 feet (maximum) of coal. In the center the coal is thickest, thinning out to nearly the thickness of paper around the edges.—(A. WINCHELL.)

The *Illinois basin*, including Indiana and Western Kentucky, covers an area of 51,700 square miles.

In Illinois the measures occupy 41,500 square miles, are from 600 to 2,500 feet thick, and contain ten beds of coal, with an aggregate thickness of 35 feet.—(A. H. WORTHEN.)

In Indiana the measures occupy an area of 6,500 square miles, are 650 feet thick, and contain thirteen beds of coal, with an aggregate thickness of 31 feet.—(E. T. COX.)

In Western Kentucky the measures are 612 feet thick, including the millstone grit, and carry eleven beds of coal.—(E. T. COX.)

The *Missouri basin* extends from Iowa to Texas.

In Iowa, Professor White's map shows an area of 25,000 square miles, which is divided into three parts, each about 200 feet thick. The two lower divisions contain the workable coal, which amounts to 8 feet in the second, but to only 20 inches in the upper. As the highest division is everywhere underlaid by the others, the whole area must be regarded as workable.

In Missouri, Professor G. C. Swallow estimates the coal area at 27,000 square miles, and in Kansas at 17,000 square miles. The measures are 2,000 feet thick, with twenty coal-beds, from a few inches to 6 feet thick.

In Arkansas there seem to be only two beds of coal, which lie below the coal-measures proper, beneath the conglomerate, (Lesquereux.) D. D. Owen speaks of some beds from 4 to 5 feet thick, and estimates the area occupied by productive beds at 12,000 square miles.

In the Indian Territory little is known of coal. The officers of the Missouri, Kansas and Texas Railway Company find good banks of coal at several places along their line, several feet thick. The area upon the map amounts to as much as 13,600 square miles. Since the completion of the map it has been ascertained that the coal-measures are covered by the Cretaceous formation for a width of about thirty miles along the valley of the Red River in Texas and the Indian Territory; and, also, that the Tertiary area, extending southerly from Preston, is probably of Carboniferous age. These discoveries will enlarge rather than diminish the size of the Missouri basin, since the two fields are probably connected beneath the Cretaceous beds.

In Texas, according to A. B. Roessler, in the "Almanac," the coal-measures occupy 6,000 square miles. A bed of coal has been reported near Fort Belknap as 4 feet thick. Estimating from Hayden's map the coal area in Nebraska at 3,600 square miles, the total area of this great basin must be 104,600 square miles.

In Arizona, near Camp Apache, Mr. G. K. Gilbert, of the expedition under the immediate direction of Lieutenant George M. Wheeler, reports a bed of coal belonging to the true Carboniferous series. It is probable that future explorations may develop other coal-bearing areas in the Territories.

In this sketch no notice is taken of any coals which do not belong to the Carboniferous system. Other coals of commercial importance exist, especially in Eastern Virginia, and near the Union Pacific Railway. They usually belong to the Triassic or Cretaceous formations, and there are lignites in the Tertiary.

TABLES XII to XV.

THE STATISTICS OF MINING,

INCLUDING

QUARRYING OF SLATE, STONE, AND MARBLE, BORING FOR MINERAL
OIL, AND CUTTING PEAT.

Table XIII.—IN THE UNITED STATES, BY TOTALS OF
STATES AND TERRITORIES.

XIII.—IN THE UNITED STATES, AND IN EACH
STATE AND TERRITORY, BY SPECIFIED
INDUSTRIES.

Table XIV.—FOR EACH SPECIFIED INDUSTRY, BY
STATES AND TERRITORIES.

XV.—IN EACH COUNTY FOR SPECIFIED IN-
DUSTRIES.

AT THE CENSUS OF 1870.

THE STATISTICS OF MINING.

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TABLE XII.—THE UNITED STATES—BY STATES AND TERRITORIES.

STATES AND TERRITORIES.	Establishments.	STEAM-ENGINES.		WATER- WHEELS.		HANDS EMPLOYED.				CAPITAL. Dollars.	WAGRS. Dollars.	MATERIALS. Dollars.	PRODUCTS. Dollars.	
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.				
The United States . . .	7,974	109,111	4,133	2,247	134	154,338	66,178	77,221	6,916	4,013	922,384,254	74,464,044	14,275,691	152,598,994
Alabama	3	25	1			72	34	33	5		39,600	29,970	946	52,500
Arizona	4					45	18	27			6,500	13,700	1,485	24,500
California	1,016	1,324	42	714	70	7,580	5,442	2,128	10		20,070,975	3,953,636	1,333,304	8,281,633
Colorado	53	488	15	30	2	575	284	291			2,835,835	375,125	68,008	859,374
Connecticut	20	431	13	20	1	1,507	1,507				1,496,100	760,120	45,302	1,297,400
Delaware	2	38	2			26	26				89,210	4,950	1,510	10,800
Georgia	10			30	1	126	118	4	4		145,800	25,073	2,920	40,980
Idaho	254	82	5	52	2	1,693	1,518	174			1,088,640	503,266	231,763	1,989,341
Illinois	356	2,797	102			7,504	2,904	5,159	141		4,814,123	3,606,913	448,338	6,968,201
Indiana	72	1,046	27			1,723	579	1,056	88		610,692	754,064	73,092	1,137,172
Iowa	131	185	6			1,628	629	986	13		756,224	676,714	88,262	1,003,484
Kansas	26	75	1			351	347	4			179,130	128,100	6,550	174,278
Kentucky	35	145	5			925	602	275	47	1	761,450	312,486	31,083	509,245
Louisiana	1					2	2				100	250	250	1,200
Maine	57	177	5			733	724		9		597,768	356,775	34,710	621,738
Maryland	80	888	39	63	2	3,801	1,209	2,515	32	45	25,369,730	1,830,032	205,547	3,444,183
Massachusetts	65	304	23	40	1	1,595	1,450	132	13		944,250	899,743	147,361	1,493,592
Michigan	44	6,978	111			6,381	1,980	4,381	20		9,962,874	3,727,633	926,119	7,199,118
Minnesota	9					51	51				18,500	17,665	5,650	35,350
Missouri	142	2,470	40			3,423	1,644	1,085	94		3,489,259	1,938,792	570,791	3,472,513
Montana	683	10	1			3,534	3,362	173			2,518,613	1,381,699	735,901	4,030,435
Nebraska	7					38	36		2		14,850	12,550	3,150	30,130
Nevada	139	2,780	44	50	2	2,866	809	2,037			32,253,400	2,000,872	1,636,805	11,166,452
New Hampshire	21	15	1			334	323	11			203,450	201,129	13,452	323,505
New Jersey	49	1,773	53	205	7	2,496	975	1,492	29		2,501,700	1,376,957	232,819	2,554,475
New Mexico	17					177	95	82			2,384,000	107,550	33,138	343,250
New York	454	1,636	54	132	8	5,177	4,054	1,094	29		4,696,091	2,259,038	422,955	4,324,631
North Carolina	17	150	3			482	273	193	16		1,853,100	153,220	37,808	638,302
Ohio	535	4,143	121			11,241	5,358	5,537	346		9,017,197	4,682,571	437,714	7,751,544
Oregon	168					880	861	19			321,520	79,023	29,930	417,707
Pennsylvania	3,086	70,670	3,190	419	17	81,215	26,088	45,454	5,700	3,883	94,000,276	38,815,276	6,069,917	76,908,390
Rhode Island	2	140	2			75	28	42	5		80,000	33,000	4,100	59,000
South Carolina	5			17	2	148	130	18			137,000	17,400	5,170	19,888
Tennessee	22	171	4	70	3	1,230	655	473	111		944,820	378,913	21,425	776,292
Texas	1					2	2				150	750		900
Utah	6	15	1			25	5	20			44,800	2,330	5,985	14,950
Vermont	54	256	22	345	11	1,143	906	165	72		2,404,700	484,937	58,260	905,410
Virginia	27	1,477	20	30	2	997	554	441	2		1,113,000	248,270	31,067	400,914
West Virginia	185	2,190	177			1,527	784	646	28	60	2,554,499	881,513	170,741	2,538,531
Washington	3	80	2			90	30	60			307,200	71,069	13,499	100,004
Wisconsin	80	115	7	31	3	701	406	294	1		737,798	233,081	38,582	510,982
Wyoming	3	20	1			192	76	101		15	261,000	252,800	49,254	850,000

NOTE.—The Statistics of Mining include Marble and stone quarrying, Oil-boring, and Peat-cutting.

STATISTICS OF MINING.

TABLE XIII.—THE UNITED STATES, AND EACH STATE AND TERRITORY—BY MINING INDUSTRIES.

NOTE.—The following establishments are included in Stone-quarries: Connecticut, New Haven County, 1 barytes; Connecticut, New London County, 1 silex; Michigan, Jackson County, 1 fire-clay; North Carolina, Mitchell County, 1 mica; Vermont, Bennington County, 4 ochre.

THE UNITED STATES.

MINERALS, BY STATES AND TERRITORIES.	Establishments.	STEAM- ENGINES.		WATER- WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.				Dollars.	Dollars.	
The United States.....	7,974	109,111	4,133	2,247	134	154,328	66,178	77,221	6,916	4,013	232,384,854	74,464,044	14,275,691	.....	152,598,094
Asphaltum.....	1	50	2	.....	.....	23	6	17	.....	.....	514,286	20,003	26,773	(*)	450,000
Cinnabar.....	4	71	3	.....	.....	811	410	382	19	.....	11,900,000	599,000	30,700	(*)	817,700
Coal, anthracite.....	231	48,949	831	331	7	53,096	13,872	30,141	5,505	3,578	51,016,785	23,015,813	3,000,540	15,064,275	38,405,745
bituminous.....	1,335	13,361	342	.....	.....	41,058	9,804	30,746	673	435	58,991,244	21,300,078	2,068,415	17,199,415	35,029,247
Copper.....	40	6,318	93	70	3	5,404	1,986	3,247	171	.....	7,769,374	2,706,264	586,844	(*)	5,201,312
Gold, hydraulic mined.....	362	5	1	67	5	1,978	1,978	.....	.....	.....	1,857,484	906,559	551,552	(*)	2,508,531
placer mined.....	1,632	198	7	460	52	8,463	8,463	.....	.....	.....	5,624,549	2,473,020	1,306,782	(*)	7,906,613
quartz.....	224	1,710	49	234	17	3,297	632	2,365	.....	.....	9,454,500	2,183,863	446,900	(*)	4,360,191
and silver quartz.....	57	2,610	40	102	4	2,114	480	1,034	.....	.....	29,062,400	2,390,583	1,269,876	(*)	9,068,526
Iron ore.....	420	8,574	315	353	15	15,032	7,678	6,989	355	.....	17,773,935	6,838,022	1,279,563	3,395,718	13,204,138
Lead.....	112	207	7	31	3	1,126	370	747	.....	.....	613,735	350,553	38,247	(*)	736,004
Marble.....	22	291	19	345	9	795	791	.....	4	.....	1,316,600	442,270	36,916	(*)	804,300
Nickel.....	1	130	2	.....	.....	48	26	.....	22	.....	60,000	6,400	1,800	(*)	24,000
Peat, cut.....	4	35	2	.....	.....	39	38	.....	.....	.....	13,100	5,550	550	(*)	8,000
Petroleum.....	2,314	23,482	2,297	.....	.....	4,458	4,487	1	.....	.....	10,045,826	3,993,030	1,401,945	(a) 181,263,505	19,304,224
Silver quartz.....	102	290	10	.....	.....	1,056	383	673	.....	.....	4,015,000	841,501	489,914	(*)	3,248,861
Slate.....	101	549	26	122	9	1,749	1,710	.....	39	.....	2,738,239	815,731	119,501	(*)	1,311,492
Stone.....	997	1,605	73	132	10	12,573	12,500	.....	73	.....	7,152,854	5,322,133	970,184	(*)	9,971,100
Zinc.....	15	740	14	.....	.....	588	255	280	53	.....	2,414,942	250,075	40,440	(*)	768,880

THE STATE OF ALABAMA.

Total.....	3	25	1	.....	.....	72	34	33	5	.....	39,600	20,970	946	.....	59,500
Coal, bituminous.....	2	.....	1	.....	.....	57	24	33	.....	.....	26,000	23,970	351	11,000	39,000
Stone.....	1	25	1	.....	.....	15	10	.....	5	.....	13,600	6,000	595	(*)	13,500

THE TERRITORY OF ARIZONA.

Total.....	4	.....	.....	.....	.....	45	18	27	.....	.....	6,500	13,700	1,485	.....	24,500
Copper.....	2	.....	.....	.....	.....	25	11	14	.....	.....	2,500	6,200	1,200	(*)	7,000
Silver quartz.....	2	.....	.....	.....	.....	20	7	13	.....	.....	4,000	7,500	285	(*)	17,500

THE STATE OF CALIFORNIA.

Total.....	1,046	1,324	42	714	70	7,589	5,442	2,128	19	.....	20,079,975	3,053,636	1,333,304	.....	8,281,623
Cinnabar.....	4	71	3	1	67	5	1,396	1,306	.....	.....	11,900,000	5,99,000	30,700	(*)	817,700
Gold, hydraulic mined.....	265	5	1	67	5	1,396	1,306	.....	.....	.....	1,306,516	566,438	433,094	(*)	1,692,993
placer mined.....	612	118	6	460	52	3,157	3,157	.....	.....	.....	2,258,451	1,122,279	511,709	(*)	2,646,174
quartz.....	160	1,130	32	187	13	2,193	471	1,722	.....	.....	4,483,700	1,632,421	350,326	(*)	3,096,666
and silver quartz.....	1	.....	.....	.....	.....	15	1	14	.....	.....	75,001	4,328	4,225	(*)	15,000
Silver quartz.....	4	.....	.....	.....	.....	17	7	10	.....	.....	56,300	9,170	2,500	(*)	83,100

THE TERRITORY OF COLORADO.

Total.....	53	488	15	30	2	575	284	201	.....	.....	2,835,835	375,125	68,068	.....	850,374
Coal, bituminous.....	3	.....	.....	.....	.....	16	4	12	.....	.....	36,000	9,000	2,410	4,500	16,500
Gold, placer mined.....	28	.....	.....	.....	.....	172	172	204	.....	.....	1,119,585	65,725	16,054	(*)	130,145
quartz.....	18	463	14	30	2	305	101	75	.....	.....	1,567,500	103,500	40,719	(*)	525,220
Silver quartz.....	3	25	1	.....	.....	80	5	2	.....	.....	112,000	105,400	8,810	(*)	185,500
Stone.....	1	.....	.....	.....	.....	2	2	.....	.....	.....	750	1,500	75	(*)	2,000

THE STATE OF CONNECTICUT.

Total.....	20	431	13	20	1	1,507	1,507	.....	.....	.....	1,496,100	780,120	45,302	.....	1,227,400
Stone.....	20	431	13	20	1	1,507	1,507	.....	.....	.....	1,496,100	780,120	45,302	(*)	1,227,400

(*) Quantities not specified.

(a) Gallons.

TABLE XIII.—THE UNITED STATES, &c.—BY MINING INDUSTRIES—Continued.
THE STATE OF DELAWARE.

MINERALS, BY STATES AND TERRITORIES.	Establishments.	STEAM- ENGINES.		WATER- WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.	
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.				Dollars.	Dollars.
													Tons.	Dollars.
Total.....	2	38	2	.....	.....	26	26	.....	.....	\$9,210	4,950	1,510	.....	10,800
Iron ore.....	2	38	2	.....	.....	26	26	.....	.....	\$9,210	4,950	1,510	3,600	10,800

THE STATE OF GEORGIA.

Total.....	10	.....	.....	30	1	126	118	4	4	145,800	28,073	2,920	.....	40,280
Gold quartz.....	5	.....	.....	30	1	81	77	4	4	91,500	17,491	2,380	(*)	29,780
Marble.....	1	.....	.....	9	5	.....	.....	4	4	15,000	1,000	70	(*)	4,000
Slate.....	2	.....	.....	10	10	.....	.....	.....	.....	14,000	2,152	127	(*)	5,500
Stone.....	2	.....	.....	26	26	.....	.....	.....	.....	25,300	7,500	352	(*)	10,600

THE TERRITORY OF IDAHO.

Total.....	254	82	5	52	2	1,692	1,518	174	.....	1,086,640	503,266	231,763	.....	1,989,341
Gold, hydraulic mined.....	7	.....	.....	.....	.....	28	28	.....	.....	34,700	9,400	3,000	(*)	33,900
placer mined.....	232	.....	.....	1,436	1,436	.....	.....	.....	.....	469,940	268,666	119,433	(*)	1,060,993
quartz.....	5	2	1	52	2	38	13	26	.....	33,800	14,400	3,045	(*)	26,913
and silver quartz.....	10	80	4	53	2	190	42	148	.....	550,200	210,800	105,685	(*)	867,635

THE STATE OF ILLINOIS.

Total.....	356	2,797	102	.....	.....	7,504	2,204	5,159	141	.....	4,814,123	3,666,913	448,338	.....	6,968,201
Coal, bituminous.....	322	2,645	92	.....	.....	6,301	1,058	5,108	135	.....	4,286,575	3,192,977	399,334	2,624,163	6,097,432
Lead.....	1	20	1	.....	.....	55	4	51	.....	.....	6,000	28,703	6,600	(*)	73,302
Stone.....	33	132	9	.....	.....	1,148	1,142	.....	6	.....	521,548	385,233	42,404	(*)	797,407

THE STATE OF INDIANA.

Total.....	72	1,046	27	.....	.....	1,723	570	1,056	68	.....	610,692	754,964	73,902	.....	1,137,172
Coal, bituminous.....	40	771	22	.....	.....	1,369	243	1,056	70	.....	554,442	664,592	61,800	437,870	888,621
Stone.....	2	275	5	.....	.....	7	329	.....	18	.....	2,000	700	220	665	2,600

THE STATE OF IOWA.

Total.....	131	185	6	.....	.....	1,638	629	986	13	.....	756,294	670,714	88,262	.....	1,063,484
Coal, bituminous.....	96	145	5	.....	.....	1,354	391	950	13	.....	618,332	580,157	73,102	263,487	874,334
Lead.....	18	40	1	.....	.....	58	23	36	.....	.....	4,425	8,900	2,065	(*)	50,230
Marble.....	1	.....	.....	.....	.....	6	6	.....	.....	.....	25,000	2,000	50	(*)	12,000
Stone.....	16	.....	.....	.....	.....	210	210	.....	.....	.....	108,467	85,657	12,145	(*)	126,900

THE STATE OF KANSAS.

Total.....	26	75	1	.....	.....	351	347	4	.....	170,130	128,100	6,550	.....	174,278
Coal, bituminous.....	20	.....	.....	.....	.....	252	248	4	.....	106,430	89,101	2,001	32,938	114,278

(*) Quantities not specified.

STATISTICS OF MINING.

TABLE XIII.—THE UNITED STATES, &c.—BY MINING INDUSTRIES—Continued.
THE STATE OF KENTUCKY.

MINERALS, BY STATES AND TERRITORIES.	Establishments.	STEAM- ENGINES.		WATER- WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.				Dollars.	Tons.	Dollars.
Total.....	35	145	5	.....	.....	925	602	275	47	1	761,450	312,486	31,083	.....	500,945
Coal, bituminous.....	30	125	4	.....	.....	714	401	275	37	1	717,950	278,411	27,828	150,583	446,795
Iron ore.....	2	.....	.....	.....	.....	200	190	.....	10	.....	32,000	30,000	2,250	17,500	53,000
Lead.....	1	.....	.....	.....	.....	5	5	.....	.....	.....	4,500	3,000	500	(*)	6,000
Petroleum.....	1	20	1	.....	.....	2	2	.....	.....	.....	1,000	75	400	(a) 4,000	850
Stone.....	1	.....	.....	.....	.....	4	4	.....	.....	.....	6,000	1,000	105	(*)	2,800

THE STATE OF LOUISIANA.

Total.....	1	.....	.....	.....	.....	2	2	.....	.....	.....	100	250	250	.....	1,200
Peat, cut.....	1	.....	.....	.....	.....	2	2	.....	.....	.....	100	250	250	(*)	1,200

THE STATE OF MAINE.

Total.....	57	177	5	.....	.....	733	724	.....	9	.....	597,768	356,775	34,710	.....	631,738
Slate.....	3	149	3	.....	.....	100	91	.....	9	.....	224,000	53,800	5,325	(*)	85,000
Stone.....	54	28	2	.....	.....	633	633	.....	.....	.....	373,768	302,975	29,385	(*)	536,738

THE STATE OF MARYLAND.

Total.....	80	888	32	62	2	3,801	1,209	2,515	32	45	25,369,730	1,839,952	205,547	.....	3,444,183
Coal, bituminous.....	93	431	7	.....	.....	2,727	450	2,222	10	45	23,891,600	1,473,325	166,479	1,810,824	2,409,208
Copper.....	85	2	.....	.....	.....	72	19	33	20	.....	157,000	31,000	8,510	(*)	71,500
Iron ore.....	43	333	20	12	1	695	433	260	2	.....	1,145,000	181,939	16,384	98,354	600,246
Marble.....	12	14	2	50	1	200	200	.....	.....	.....	70,000	120,000	8,450	(*)	275,000
Slate.....	12	15	1	.....	.....	9	9	.....	.....	.....	2,700	950	56	(*)	5,000
Stone.....	9	5	1	.....	.....	98	.98	.....	.....	.....	103,430	32,738	5,668	(*)	85,229

THE STATE OF MASSACHUSETTS.

Total.....	65	304	23	40	1	1,595	1,450	132	13	.....	944,250	899,743	147,361	.....	1,493,522
Iron ore.....	3	25	4	.....	.....	158	26	132	.....	.....	140,000	84,278	9,373	30,061	130,874
Marble.....	3	15	1	40	1	60	60	.....	.....	.....	140,000	23,450	1,276	(*)	59,500
Slate.....	1	15	1	.....	.....	6	6	.....	.....	.....	1,500	1,820	4,268	(*)	0,000
Stone.....	58	180	17	.....	.....	1,371	1,358	13	.....	.....	602,730	790,195	132,444	(*)	1,294,148

THE STATE OF MICHIGAN.

Total.....	44	6,078	111	.....	.....	6,381	1,980	4,381	20	.....	9,962,874	3,727,633	926,119	.....	7,199,118
Coal, bituminous.....	3	62	3	.....	.....	93	34	51	8	.....	176,500	58,400	7,550	28,150	104,200
Copper.....	27	5,943	86	.....	.....	4,188	1,421	2,755	12	.....	5,866,374	2,346,535	555,416	(*)	4,312,167
Iron ore.....	11	923	20	.....	.....	2,005	430	1,575	.....	.....	3,810,000	1,270,608	353,493	690,393	2,677,965
Stone.....	3	31	2	.....	.....	95	95	.....	.....	.....	110,000	52,000	9,060	(*)	104,786

THE STATE OF MINNESOTA.

Total.....	0	.....	.....	.....	.....	51	51	.....	.....	.....	18,500	17,765	5,650	.....	35,350
Peat.....	1	.....	.....	.....	.....	2	2	.....	.....	.....	2,003	50	50	(*)	250
Stone.....	8	.....	.....	.....	.....	49	49	.....	.....	.....	16,500	17,715	5,600	(*)	35,100

(*) Quantities not specified.

(a) Gallons.

TABLE XIII.—THE UNITED STATES, &c.—BY MINING INDUSTRIES—Continued.

THE STATE OF MISSOURI.

MINERALS, BY STATES AND TERRITORIES.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.			CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.				Dollars.	Dollars.	
Total.....	142	2,479	40			3,423	1,044	1,085	94	3,480,250	1,038,702	570,781	.....	3,472,513
Coal, bituminous.....	56	2,308	33			1,878	593	1,285	81	2,587,230	1,277,804	316,082	621,030	2,011,820
Iron ore.....	3	60	2			549	428	40	81	514,000	240,045	3,000	178,842	401,496
Lead.....	42	73	2			539	179	360	.....	179,950	124,179	5,654	(*)	201,885
Stone.....	41	39	3			457	444	13	.....	208,030	290,704	246,045	(*)	767,812

THE TERRITORY OF MONTANA.

Total.....	683	10	1			3,534	3,362	172	.....	2,518,613	1,381,699	735,901	.....	4,030,435
Gold, hydraulic mined.....	64					434	434	.....		433,118	209,265	103,685	(*)	737,458
placer mined.....	607	10	1			2,887	2,887	.....		1,474,995	957,964	632,079	(*)	3,058,373
quartz.....	12					213	41	172	.....	610,500	124,470	10,137	(*)	234,604

THE STATE OF NEBRASKA.

Total.....	7					38	36	2	.....	14,850	12,550	3,150	.....	30,130
Coal, bituminous.....	3					8	6	2	.....	850	2,950	1,450	1,425	8,550
Stone.....	4					30	30	.....		14,000	9,600	1,700	(*)	21,560

THE STATE OF NEVADA.

Total.....	139	2,780	44	50	2	2,866	809	2,057	.....	32,253,400	2,900,872	1,630,865	.....	11,160,452
Copper.....	1					20	6	14	.....	3,000	12,480	155	(*)	30,000
Gold and silver quartz.....	46	2,530	36	50	2	1,909	437	1,472	.....	28,437,200	2,175,455	1,159,066	(*)	8,185,591
Lead.....	1					6	3	3	.....	500	1,500	100	(*)	2,000
Silver quartz.....	91	250	8			931	363	568	.....	3,812,700	711,431	476,644	(*)	2,918,561

THE STATE OF NEW HAMPSHIRE.

Total.....	21	15	1			334	323	11	.....	203,450	201,190	18,452	.....	323,805
Lead.....	1					3	1	2	.....	10,000	3,819	500	(*)	3,000
Silver quartz.....	1	15	1			8	1	7	.....	25,000	7,000	1,000	(*)	10,000
Stone.....	18					321	321	2	.....	163,450	180,310	11,603	(*)	309,720
Zinc.....	1					2		1	.....	5,000	1,000	150	(*)	1,085

THE STATE OF NEW JERSEY.

Total.....	49	1,772	53	205	7	2,496	975	1,492	29	.....	2,501,700	1,376,937	232,810	.....	2,554,475
Iron ore.....	35	1,760	52	185	6	1,047	451	1,470	26	.....	1,509,600	1,078,408	168,739	362,636	2,025,497
Slate.....	3	12	1			22	20	20	2	.....	40,000	12,800	1,388	(*)	17,338
Stone.....	10			20	1	501	501			.....	452,100	273,390	61,773	(*)	411,640
Zinc.....	1					26	3	22	1	.....	500,000	13,320	919	(*)	100,000

THE TERRITORY OF NEW MEXICO.

Total.....	17					177	95	82	.....	2,384,000	107,550	33,138	.....	343,250
Gold, placer mined.....	12					67	67	62	.....	121,000	23,050	20,753	(*)	97,500
quartz.....	5					110	98	82	.....	2,203,000	84,500	12,385	(*)	245,750

(*) Quantities not specified.

TABLE XIII.—THE UNITED STATES, &c.—BY MINING INDUSTRIES—Continued.
THE STATE OF NEW YORK.

MINERALS, BY STATES AND TERRITORIES.	Establishments.	STEAM- ENGINES.		WATER- WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.	
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.				Dollars.	Dollars.
Total.....	454	1,636	54	132	8	5,177	4,054	1,094	29	4,696,001	2,259,088	432,955	.....	4,394,651
Iron ore.....	44	1,390	46	118	5	2,203	1,000	1,094	13	3,806,500	1,082,041	220,787	525,403	2,085,315
Lead.....	1	.....	.....	.....	.....	11	11	.....	.....	1,200	2,970	250	(*)	7,500
Marble.....	2	50	1	.....	.....	267	267	.....	.....	40,000	186,000	3,500	.....	223,000
Slate.....	13	.....	.....	.....	.....	235	235	.....	.....	242,000	129,628	8,063	(*)	160,600
Stone.....	394	190	7	14	3	2,461	2,445	.....	16	605,791	858,449	181,035	(*)	1,832,976

THE STATE OF NORTH CAROLINA.

Total.....	17	150	3	.....	.....	492	273	193	16	1,853,100	153,220	37,808	.....	638,302
Copper.....	1	80	1	.....	.....	105	59	40	6	80,000	40,000	6,275	(*)	96,000
Gold quartz.....	8	.....	.....	.....	.....	149	67	82	.....	206,500	31,020	18,995	(*)	80,702
Iron ore.....	3	10	1	.....	.....	50	29	21	.....	74,000	10,500	1,307	4,500	9,250
Mica.....	1	.....	.....	.....	.....	24	24	.....	.....	1,000	5,000	85	.....	7,000
Silver quartz (f).....	1	.....	.....	.....	.....	34	34	.....	.....	5,000	1,015	115	(*)	4,200
Stone.....	9	.....	.....	.....	.....	34	34	.....	.....	11,600	3,700	155	.....	6,150
Zinc.....	1	60	1	.....	.....	120	60	50	10	1,475,000	57,000	10,376	(*)	435,000

THE STATE OF OHIO.

Total.....	533	4,143	121	.....	.....	11,241	5,358	5,537	346	9,017,197	4,082,571	437,714	.....	7,751,544
Coal, bituminous.....	307	3,363	76	.....	.....	7,567	1,911	5,335	321	5,891,813	3,381,108	252,447	2,527,285	5,482,952
Iron ore.....	75	161	5	.....	.....	1,020	1,703	902	24	1,708,099	700,713	98,068	316,529	960,984
Petroleum.....	25	547	36	.....	.....	69	68	.....	1	194,730	21,000	13,494	(a) 2,038,543	298,488
Stone.....	128	72	4	.....	.....	1,676	1,676	.....	.....	1,222,555	570,750	73,705	(*)	1,070,120

THE STATE OF OREGON.

Total.....	168	.....	.....	.....	.....	880	861	19	.....	391,520	70,023	20,930	.....	417,797
Gold, hydraulic mined.....	26	.....	.....	.....	.....	120	120	.....	.....	113,150	31,456	11,173	(*)	114,180
placer mined.....	139	.....	.....	.....	.....	734	734	.....	1	173,370	34,136	10,559	(*)	271,428
quartz.....	3	.....	.....	.....	.....	26	7	19	.....	35,000	13,430	2,198	(*)	32,189

THE STATE OF PENNSYLVANIA.

Total.....	3,086	76,670	3,190	410	17	81,215	26,088	45,454	5,790	3,883	84,660,276	38,815,276	6,069,917	76,208,390
Coal, anthracite.....	929	48,809	829	331	7	53,031	13,844	30,099	5,500	3,578	50,930,785	22,982,813	3,598,440	15,650,275	38,430,745
bituminous.....	359	1,851	69	16,831	3,481	13,036	20	305	16,974,918	8,095,495	C04,601	7,708,518	13,921,069
Copper.....	2	.....	.....	.....	.....	7	7	.....	.....	30,500	2,018	(*)	7,800	.....
Iron ore.....	186	3,729	103	38	3	4,886	2,551	2,139	196	4,518,026	2,051,345	388,994	1,095,486	3,944,146
Marble.....	6	142	5	.....	.....	86	86	.....	.....	226,000	39,320	6,910	(*)	101,000
Nickel.....	1	130	2	.....	.....	48	26	.....	.....	60,000	6,400	1,800	400	24,000
Petroleum.....	2,148	20,943	2,095	.....	.....	4,070	4,070	.....	.....	9,249,283	3,797,918	1,293,177	(a) 171,207,022	18,045,967
Slate.....	28	237	9	42	6	732	731	.....	1	1,502,330	325,447	71,310	(*)	618,920
Stone.....	120	93	6	8	1	1,114	1,112	.....	2	732,325	440,277	79,484	(*)	673,879
Zinc.....	1	676	12	.....	.....	400	180	40	.....	400,000	107,721	25,823	19,375	235,555

THE STATE OF RHODE ISLAND.

Total.....	2	140	2	.....	.....	75	28	42	5	.....	80,000	33,000	4,100	.....	50,000
Coal, anthracite.....	2	140	2	.....	.....	75	28	42	5	.....	80,000	33,000	4,100	14,000	50,000

THE STATE OF SOUTH CAROLINA.

Total.....	5	.....	.....	17	2	148	130	18	.....	137,000	17,400	5,170	.....	10,888
Gold quartz.....	4	.....	.....	17	2	40	22	18	.....	77,000	14,000	3,670	(*)	7,388
Stone.....	1	.....	.....	108	108	.....	.....	.....	.....	60,000	2,500	1,500	(*)	12,500

(*) Quantities not specified.

(f) Hands employed, power, and wages reported in zinc mines.

(a) Gallons.

STATISTICS OF MINING.

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TABLE XIII.—THE UNITED STATES, &c.—BY MINING INDUSTRIES—Continued.
THE STATE OF TENNESSEE.

MINERALS, BY STATES AND TERRITORIES.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Dollars.	Dollars.	
Total.....	22	171	4	70	3	1,239	655	473	111	944,829	378,913	21,425	776,292
Coal, bituminous	11	51	2	.....	410	196	203	20	.....	313,784	187,383	15,945	133,418	330,498
Copper	2	120	2	70	3	620	300	232	88	550,000	133,000	1,920	(*)	310,000
Iron ore	6	.....	.....	.....	188	147	38	3	.....	81,000	56,500	3,233	34,619	131,885
Stone.....	3	.....	.....	.....	12	12	.....	.....	45	2,030	.....	.....	(*)	3,880

THE STATE OF TEXAS.

Total.....	1	.....	.....	.....	2	2	.....	.....	150	750	.....	.....	.....	900
Stone.....	1	.....	.....	.....	2	2	.....	.....	150	750	.....	(*)	.....	900

THE TERRITORY OF UTAH.

Total.....	6	15	1	.....	25	5	20	.....	44,800	2,550	5,985	.....	.....	14,950
Coal, bituminous	6	15	1	.....	25	5	20	.....	44,800	2,550	5,985	.....	5,800	14,950

THE STATE OF VERMONT.

Total.....	54	256	23	345	11	1,143	906	165	72	2,494,700	484,937	58,260	905,410
Copper	2	50	1	.....	355	155	155	45	.....	1,000,000	198,403	10,450	(*)	358,845
Iron ore	1	.....	.....	.....	60	50	10	.....	.....	3,000	12,000	1,475	5,000	25,000
Marble	7	70	10	225	6	167	167	.....	.....	800,000	70,500	17,060	(*)	130,800
Peat	1	25	1	.....	27	27	.....	.....	.....	10,000	5,000	200	(*)	6,000
Slate	38	111	10	50	1	512	485	27	.....	654,700	202,034	26,400	(*)	361,765
Stone.....	5	.....	.....	70	4	22	22	.....	.....	26,500	7,000	2,585	(*)	23,000

THE STATE OF VIRGINIA.

Total.....	27	1,477	20	30	2	997	554	441	2	1,113,000	248,270	31,067	408,014
Coal, bituminous	6	1,297	15	.....	642	255	387	.....	.....	779,200	168,120	20,312	61,803	226,114
Copper	1	40	1	.....	12	8	4	.....	.....	100,000	6,020	900	(*)	8,000
Gold quartz	2	115	2	.....	115	100	15	.....	.....	75,010	13,000	500	(*)	31,000
Iron ore	3	.....	.....	.....	44	36	8	.....	.....	11,000	9,250	1,760	11,950	23,000
Lead	2	25	2	30	2	123	123	21	.....	65,300	17,000	3,100	(*)	23,000
Slate	11	25	2	30	2	123	123	21	.....	57,000	27,100	2,405	(*)	42,600
Stone.....	1	.....	.....	.....	6	6	.....	.....	.....	500	4,800	400	(*)	51,000
Zinc.....	1	.....	.....	.....	13	5	6	2	.....	25,000	3,000	1,550	(*)	5,000

THE TERRITORY OF WASHINGTON.

Total.....	3	80	2	.....	90	30	60	.....	307,200	71,069	13,400	.....	109,064	
Coal, bituminous	1	80	2	.....	80	20	60	.....	.....	300,000	70,869	13,394	17,844	107,064
Gold, placer mined	2	.....	.....	.....	10	10	.....	.....	.....	7,200	200	105	(*)	2,000

THE STATE OF WEST VIRGINIA.

Total.....	184	2,140	175	.....	1,504	778	629	28	69	9,040,213	801,513	143,968	.....	2,088,531
Coal, bituminous	41	177	10	.....	1,140	414	620	28	69	1,424,800	619,376	48,504	608,878	1,035,862
Petroleum.....	140	1,972	165	.....	347	847	.....	.....	.....	600,813	176,137	94,874	(a) 8,013,340	1,029,119
Stone.....	3	.....	.....	.....	17	17	.....	.....	.....	4,600	530	(*)	(*)	23,550

(*) Quantities not specified.

(a) Gallons.

STATISTICS OF MINING.

TABLE XIII.—THE UNITED STATES, &c.—BY MINING INDUSTRIES—Continued.

THE STATE OF WISCONSIN.

MINERALS, BY STATES AND TERRITORIES.	Establishments.	STEAM- ENGINES.		WATER- WHEELS.		HANDS EMPLOYED.				CAPITAL. Dollars.	WAGES. Dollars.	MATERIALS. Dollars.	PRODUCTS. Tons.	Dollars.
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.					
Total.....	80	115	7	31	3	701	406	294	1	737,728	233,981	38,582	.....	510,982
Iron.....	1	75	3	31	3	75	75	.....	.....	300,000	18,595	.....	20,000	22,000
Lead.....	45	75	3	31	3	407	133	274	.....	341,861	160,482	18,578	.....	369,067
Pent.....	1	10	1	.....	.....	8	7	.....	1	1,000	250	50	.....	750
Stone.....	23	20	2	.....	.....	184	184	.....	.....	84,925	46,030	18,332	.....	106,925
Zinc.....	10	10	1	.....	.....	27	7	20	.....	9,942	8,034	1,622	.....	12,240

THE TERRITORY OF WYOMING.

Total.....	3	20	1	.....	.....	102	76	101	.....	15	261,000	253,800	49,254	.....	850,000
Coal, bituminous.....	1	20	1	.....	.....	165	70	80	.....	15	250,000	225,000	48,000	50,000	800,000
Gold quartz.....	2	.....	.....	.....	.....	27	6	21	.....	11,000	27,800	1,254	(*)	50,000	

(*) Quantities not specified.

TABLE XIV.—EACH MINING INDUSTRY—BY STATES AND TERRITORIES.

ASPHALTUM.

STATES AND TERRITORIES.	Establishments.	STEAM- ENGINES.		WATER- WHEELS.		HANDS EMPLOYED.				CAPITAL. Dollars.	WAGES. Dollars.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Tons.	Dollars.	
						All.									
The United States.	1	50	2	.....	.....	23	6	17	.....	.....	514,286	20,000	26,773	(*)	450,000
West Virginia.	1	50	2	.....	.....	23	6	17	.....	.....	514,286	20,000	26,773	(*)	450,000

CINNABAR.

The United States.	4	71	3	.....	.....	811	410	382	19	.....	11,900,000	599,000	30,700	(*)	817,700
California.	4	71	3	.....	.....	811	410	382	19	.....	11,900,000	599,000	30,700	(*)	817,700

COAL.

The United States.	1,566	62,310	1,173	331	7	94,754	23,676	60,887	6,178	4,013	110,008,020	44,316,491	5,668,955	Anthracite. 15,664,275	Bituminous. 17,199,415	#73,524,902
Alabama.	2	.....	.....	.....	.....	57	24	33	.....	.....	26,000	23,070	351	.....	11,000	30,000
Colorado.	3	.....	.....	.....	.....	16	4	12	.....	.....	30,000	9,000	2,410	.....	4,500	10,500
Illinois.	322	2,045	92	.....	.....	6,301	1,058	5,108	135	.....	4,286,375	3,102,977	300,334	2,624,163	6,097,432	.....
Indiana.	46	771	92	.....	.....	1,369	243	1,050	70	.....	554,442	664,502	61,890	437,870	988,621	.....
Iowa.	96	145	5	.....	.....	1,354	391	950	13	.....	618,332	580,157	73,102	263,487	874,334	.....
Kansas.	20	.....	.....	.....	.....	252	248	4	.....	.....	106,430	89,191	9,601	32,938	114,278	.....
Kentucky.	30	125	4	.....	.....	714	401	275	37	1	717,050	278,411	27,628	150,582	446,705	.....
Maryland.	22	431	7	.....	.....	2,727	450	2,222	10	45	23,891,600	1,473,325	166,479	1,819,824	2,409,208	.....
Michigan.	3	82	3	.....	.....	93	34	51	8	.....	176,500	58,400	7,550	28,150	104,240	.....
Missouri.	56	9,308	33	.....	.....	1,878	593	1,985	.....	.....	9,587,250	1,977,804	316,089	621,930	2,011,820	.....
Nebraska.	3	.....	.....	.....	.....	8	6	6	.....	.....	850	2,950	1,450	1,425	8,550	.....
Ohio.	307	3,363	76	.....	.....	7,567	1,911	5,335	321	.....	5,891,813	3,381,108	252,447	2,527,285	5,482,952	.....
Pennsylvania.	588	50,660	898	331	7	60,872	17,395	43,135	5,529	3,883	67,911,703	31,978,308	4,201,131	15,650,275	7,798,518	b52,377,814
Rhode Island.	2	140	2	.....	.....	75	28	43	5	.....	80,000	33,000	4,100	14,000	c59,000	.....
Tennessee.	11	51	2	.....	.....	419	196	203	20	.....	313,784	187,883	15,945	133,418	330,498	.....
Utah.	6	15	1	.....	.....	25	5	20	.....	.....	44,400	2,550	5,985	5,800	14,950	.....
Virginia.	6	1,297	15	.....	.....	642	255	387	.....	.....	770,200	168,120	20,312	61,803	226,114	.....
Washington.	1	80	2	.....	.....	80	20	60	.....	.....	300,000	70,869	13,394	17,844	107,064	.....
West Virginia.	41	177	10	.....	.....	1,140	414	620	28	69	1,434,800	619,376	48,564	608,878	1,035,802	.....
Wyoming.	1	20	1	.....	.....	165	70	80	.....	15	250,000	225,000	48,000	50,000	800,000	.....

COPPER.

The United States.	40	6,318	93	70	3	5,404	1,986	3,347	171	.....	7,789,374	2,706,264	586,844	(*)	5,201,312	
Arizona.	2	.....	.....	.....	.....	25	11	14	20	.....	2,500	6,200	1,200	(*)	7,000	.....
Maryland.	2	85	2	.....	.....	72	19	33	20	.....	31,000	8,610	.....	71,500	.....	.....
Michigan.	27	5,943	86	.....	.....	4,188	1,421	2,755	12	.....	5,866,374	2,346,535	555,416	(*)	4,312,167	.....
Nevada.	1	80	1	.....	.....	105	59	40	6	.....	3,000	12,486	155	30,000	.....	.....
North Carolina.	1	.....	.....	.....	.....	7	7	6	.....	.....	80,000	40,000	6,275	(*)	96,000	.....
Pennsylvania.	2	120	2	70	3	680	300	232	88	.....	30,500	2,640	2,018	(*)	7,800	.....
Tennessee.	2	50	1	.....	.....	355	155	153	45	.....	550,000	133,000	1,920	(*)	310,000	.....
Vermont.	2	40	1	.....	.....	12	8	4	.....	.....	1,000,000	128,403	10,450	(*)	358,845	.....
Virginia.	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	100,000	6,000	900	(*)	8,000	.....

GOLD, PLACER MINED.

The United States.	1,632	193	7	460	53	8,463	8,463	.....	.....	.....	5,624,540	2,472,020	1,306,782	(*)	7,206,013	
California.	612	118	6	460	53	3,157	3,157	.....	.....	.....	2,258,450	1,122,270	511,709	(*)	2,646,174	.....
Colorado.	28	.....	.....	.....	.....	172	172	.....	.....	.....	1,119,585	65,725	16,054	(*)	130,145	.....
Idaho.	233	.....	.....	.....	.....	1,436	1,436	.....	.....	.....	469,940	268,666	119,433	(*)	1,060,993	.....
Montana.	607	10	1	.....	.....	2,887	2,687	.....	.....	.....	1,474,995	957,964	622,079	(*)	3,058,373	.....
New Mexico.	13	.....	.....	.....	.....	67	67	.....	.....	.....	121,000	23,050	20,733	(*)	97,500	.....
Oregon.	139	.....	.....	.....	.....	734	734	.....	.....	.....	173,370	34,138	16,539	(*)	271,428	.....
Washington.	2	.....	.....	.....	.....	10	10	.....	.....	.....	7,200	200	105	(*)	2,000	.....

GOLD, HYDRAULIC MINED.

The United States.	362	5	1	67	5	1,978	1,978	.....	.....	.....	1,887,484	906,559	551,552	(*)	2,508,531	
California.	265	5	1	67	5	1,396	1,396	.....	.....	.....	1,306,516	566,488	433,694	(*)	1,623,993	.....
Idaho.	7	.....	.....	.....	.....	28	28	.....	.....	.....	34,700	9,400	3,000	(*)	33,900	.....
Montana.	64	.....	.....	.....	.....	434	434	.....	.....	.....	433,118	299,265	103,685	(*)	737,458	.....
Oregon.	26	.....	.....	.....	.....	120	120	.....	.....	.....	113,150	31,436	11,173	(*)	114,180	.....

(*) Amounts not stated.

(a) Of this amount \$38,405,745 represents the value of the anthracite coal, and \$35,029,247 represents the value of the bituminous coal.

(b) Of this amount \$18,436,745 represents the value of anthracite coal, and \$13,921,069 represents the value of the bituminous coal.

(c) Value of anthracite coal.

STATISTICS OF MINING.

TABLE XIV.—EACH MINING INDUSTRY—BY STATES AND TERRITORIES—Continued.
QUARTZ, GOLD OR SILVER BEARING.

STATES AND TERRITORIES.	Establishments.	STEAM- ENGINES.		WATER- WHEELS.		HANDS EMPLOYED.				CAPITAL. Dollars.	WAGES. Dollars.	MATERIALS. Dollars.	PRODUCTS.	
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.				Tons.	Dollars.
The United States.	383	4,610	99	336	21	6,467	1,795	4,672	.....	42,531,800	5,417,946	2,205,909	(*)	16,677,508
Arizona.	2	.....	.....	20	7	13	.....	.....	.....	4,000	7,500	985	(*)	17,500
California.	165	1,130	32	187	13	2,925	470	1,746	.....	4,615,000	1,665,910	357,111	(*)	3,194,766
Colorado.	21	488	15	30	2	385	106	279	.....	1,679,500	298,900	49,529	(*)	710,729
Georgia.	5	.....	.....	.....	.....	81	77	4	.....	91,500	17,421	2,380	(*)	99,760
Idaho.	15	82	5	52	2	228	54	174	.....	584,000	225,200	109,330	(*)	894,448
Montana.	12	.....	.....	.....	.....	213	41	172	.....	610,500	124,470	10,137	(*)	234,004
Nevada.	137	2,780	44	50	2	2,840	800	2,040	.....	32,249,900	2,886,886	1,636,610	(*)	11,134,452
New Hampshire.	1	15	1	.....	.....	8	1	7	.....	25,000	7,000	1,000	(*)	10,000
New Mexico.	5	.....	.....	.....	.....	110	28	82	.....	2,263,000	84,500	12,385	(*)	245,750
North Carolina.	9	.....	.....	.....	.....	149	67	82	.....	211,500	31,020	19,610	(*)	84,902
Oregon.	3	.....	.....	.....	.....	26	7	19	.....	35,000	19,430	2,198	(*)	32,180
South Carolina.	4	.....	.....	17	2	40	22	18	.....	77,000	14,900	3,070	(*)	7,388
Virginia.	2	115	2	.....	.....	115	100	15	.....	75,000	13,000	500	(*)	31,000
Wyoming.	2	.....	.....	.....	.....	27	6	21	.....	11,000	27,500	1,254	(*)	50,000

IRON ORE.

The United States.	420	8,574	315	353	15	15,023	7,678	6,980	355	17,773,035	6,838,022	1,279,563	3,395,718	13,204,138
Delaware.	2	33	2	.....	.....	26	26	.....	.....	89,210	4,950	1,510	3,600	10,800
Indiana.	2	.....	.....	.....	.....	7	7	.....	.....	2,000	700	220	665	2,060
Kentucky.	2	200	190	10	32,000	30,000	2,250	17,500	53,000
Maryland.	43	353	20	12	1	695	433	260	2	1,145,000	181,939	16,384	98,354	600,246	
Massachusetts.	3	85	4	.....	.....	158	26	133	.....	140,000	84,278	9,373	30,061	130,874
Michigan.	11	922	20	.....	.....	2,005	430	1,575	.....	3,810,000	1,270,698	333,403	600,393	2,077,965
Missouri.	3	60	2	.....	.....	549	428	40	81	514,000	240,045	3,000	178,842	401,496
New Jersey.	35	1,760	52	185	6	1,947	451	1,470	26	1,509,600	1,078,468	168,739	369,636	2,025,497	
New York.	44	1,396	46	118	5	2,209	1,096	1,094	13	3,806,500	1,082,041	229,787	525,493	2,005,315	
North Carolina.	3	10	1	.....	.....	50	29	21	.....	74,000	16,500	1,307	4,500	9,250
Ohio.	75	161	5	.....	.....	1,929	1,703	202	24	1,708,099	700,713	98,068	316,529	460,984
Pennsylvania.	186	3,789	163	38	3	4,886	2,551	2,139	106	4,548,036	2,051,345	388,964	1,093,486	3,944,146	
Tennessee.	6	.....	.....	.....	.....	188	147	38	3	81,000	56,500	3,233	34,619	131,905
Vermont.	1	.....	.....	.....	.....	60	50	10	.....	3,500	12,000	1,475	5,000	95,000
Virginia.	3	.....	.....	.....	.....	44	36	8	.....	11,000	9,250	1,760	11,950	23,000
Wisconsin.	1	.....	.....	.....	.....	75	75	.....	.....	300,000	18,595	.....	20,000	92,000

LEAD.

The United States.	112	207	7	31	3	1,126	379	747	.....	613,736	350,553	38,247	(*)	736,004
Illinois.	1	20	1	.....	.....	55	4	51	.....	6,000	28,703	6,600	(*)	73,302
Iowa.	18	40	1	.....	.....	59	22	36	.....	4,495	8,900	2,965	(*)	50,250
Kentucky.	1	.....	.....	.....	.....	5	5	.....	.....	4,500	3,000	500	(*)	6,000
Missouri.	42	72	2	.....	.....	539	179	360	.....	179,950	124,179	5,654	(*)	301,985
Nevada.	1	.....	.....	.....	.....	6	3	3	.....	500	1,500	100	(*)	2,000
New Hampshire.	1	.....	.....	.....	.....	3	1	2	.....	10,000	3,819	500	(*)	3,000
New York.	1	.....	.....	.....	.....	11	11	.....	.....	1,200	2,970	250	(*)	7,500
Virginia.	2	.....	.....	.....	.....	42	21	21	.....	65,300	17,000	3,100	(*)	23,000
Wisconsin.	45	75	3	31	3	407	133	274	.....	341,861	160,483	18,578	(*)	369,067

NICKEL.

The United States.	1	130	2	.....	.....	48	26	.....	22	.....	60,000	6,400	1,800	(*)	24,000
Pennsylvania.	1	130	2	.....	.....	48	26	.....	22	.....	60,000	6,400	1,800	(*)	24,000

PEAT, CUT.

The United States.	4	35	2	30	38	1	13,100	5,550	550	(*)	8,200
Louisiana.	1	.....	.....	.....	.....	2	2	.....	.....	100	250	250	(*)	1,200
Minnesota.	1	.....	.....	.....	.....	2	2	.....	.....	2,000	50	50	(*)	250
Vermont.	1	25	1	.....	.....	27	27	.....	.....	10,000	5,000	200	(*)	6,000
Wisconsin.	1	10	1	8	7	1	1,000	250	50	(*)	750

(*) Quantities not specified.

STATISTICS OF MINING.

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TABLE XIV.—EACH MINING INDUSTRY—BY STATES AND TERRITORIES—Continued.
PETROLEUM.

STATES AND TERRITORIES.	Establishments.	STEAM- ENGINES.		WATER- WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Dollars.	Dollars.	
						All.							Tons.	Dollars.	
The United States	2,314	23,482	2,297	.....	.....	4,488	4,487	.....	1	.....	10,045,826	3,905,030	1,401,945	(a) 181,263,505	19,304,924
Kentucky	1	20	1	.....	.....	2	2	.....	1	.....	1,000	75	400	4,000	650
Ohio	25	547	36	.....	.....	69	68	.....	1	.....	194,730	81,000	13,494	2,038,543	228,488
Pennsylvania	2,148	20,943	2,095	.....	.....	4,070	4,070	.....	.....	.....	9,249,283	3,707,818	1,293,177	171,207,622	18,045,967
West Virginia	140	1,972	105	.....	.....	347	347	.....	.....	.....	600,813	176,137	94,874	8,013,340	1,029,110

QUARRYING, (INCLUDING MARBLE AND SLATE.)

[The following establishments are included in stone-quarries: Connecticut, New Haven County, 1 barytes; Connecticut, New London County, 1 silex; Michigan, Jackson County, 1 fire-clay; North Carolina, Mitchell County, 1 mica; Vermont, Bennington County, 4 ochre.]

The United States	1,120	2,445	118	599	28	15,117	15,001	.....	116	.....	11,207,693	6,580,134	1,135,541	(*)	12,086,892
Alabama	1	25	1	.....	.....	15	10	.....	5	.....	13,600	6,000	595	(*)	13,500
Colorado	1	.....	.....	.....	.....	2	2	.....	750	.....	1,500	75	.....	(*)	2,000
Connecticut	20	431	13	20	1	1,507	1,507	.....	4	.....	1,406,100	780,120	45,302	(*)	1,227,400
Georgia	5	.....	.....	30	1	45	41	.....	4	.....	54,300	10,652	540	(*)	19,500
Illinois	33	132	9	.....	.....	1,148	1,142	.....	6	.....	521,548	385,233	42,404	(*)	707,407
Indiana	24	275	5	.....	.....	347	329	.....	18	.....	54,250	89,672	11,882	(*)	145,891
Iowa	17	.....	.....	.....	.....	216	216	.....	.....	.....	133,467	87,657	18,195	(*)	138,000
Kansas	6	75	1	.....	.....	89	89	.....	.....	.....	72,700	38,900	3,940	(*)	60,000
Kentucky	1	.....	.....	4	4	.....	4	.....	.....	.....	0,000	1,000	105	(*)	2,600
Maine	57	177	5	.....	.....	733	724	.....	9	.....	597,708	356,775	34,710	(*)	621,738
Maryland	13	19	3	50	1	307	307	.....	.....	.....	176,130	153,688	14,174	(*)	363,220
Massachusetts	62	219	19	40	1	1,437	1,424	.....	13	.....	604,250	615,465	137,988	(*)	1,302,648
Michigan	3	31	2	.....	.....	95	95	.....	.....	.....	110,000	52,000	9,660	(*)	104,780
Minnesota	8	.....	.....	49	49	49	49	.....	.....	.....	16,500	17,715	5,600	(*)	35,100
Missouri	41	39	3	.....	.....	457	444	.....	13	.....	208,030	296,764	246,045	(*)	707,313
Nebraska	4	.....	.....	30	30	.....	30	.....	.....	.....	14,000	9,600	1,700	(*)	21,580
New Hampshire	18	.....	.....	321	321	.....	.....	.....	.....	.....	163,450	180,310	11,602	(*)	309,730
New Jersey	13	12	1	20	1	523	521	.....	2	.....	492,100	285,169	63,161	(*)	425,678
New York	409	940	8	14	3	2,963	2,947	.....	16	.....	888,391	1,174,077	192,018	(*)	2,921,236
North Carolina	3	.....	.....	58	58	.....	58	.....	.....	.....	12,600	8,700	240	(*)	13,150
Ohio	128	72	4	.....	.....	1,676	1,676	.....	.....	.....	1,222,555	579,730	73,705	(*)	1,070,120
Pennsylvania	160	472	20	50	7	1,932	1,929	.....	3	.....	2,460,764	811,044	157,004	(*)	1,503,108
South Carolina	1	.....	.....	108	108	.....	108	.....	.....	.....	60,000	2,500	1,500	(*)	12,500
Tennessee	3	.....	.....	12	12	.....	12	.....	.....	.....	45	2,020	327	(*)	3,889
Texas	1	.....	2	2	2	.....	.....	.....	.....	.....	150	750	.....	(*)	900
Vermont	50	181	20	345	11	701	674	.....	27	.....	1,481,200	339,534	46,144	(*)	515,565
Virginia	12	25	2	30	2	129	129	.....	.....	.....	57,500	31,900	2,945	(*)	93,800
West Virginia	3	.....	.....	17	17	.....	17	.....	.....	.....	4,600	6,000	530	(*)	23,550
Wisconsin	23	20	2	.....	.....	184	184	.....	.....	.....	84,925	46,620	18,332	(*)	106,925

ZINC.

The United States	15	746	14	.....	.....	588	255	280	53	.....	2,414,942	250,075	40,440	(*)	788,880
New Hampshire	1	.....	.....	.....	.....	2	.....	2	.....	.....	5,000	1,000	150	(*)	1,055
New Jersey	1	.....	.....	26	3	22	1	.....	.....	.....	500,000	13,320	910	(*)	100,000
North Carolina	1	60	1	.....	.....	120	60	50	10	.....	1,475,000	57,000	10,376	(*)	435,000
Pennsylvania	1	676	12	.....	.....	400	180	180	40	.....	400,000	107,721	25,823	(*)	235,535
Virginia	1	.....	.....	13	5	6	2	.....	.....	.....	25,000	3,000	1,550	(*)	5,000
Wisconsin	10	10	1	.....	.....	27	7	20	.....	.....	9,942	8,634	1,632	(*)	12,240

(*) Quantities not specified.

(a) Gallons.

TABLE XV.—THE STATE OF ALABAMA—BY COUNTIES.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Tons.	Dollars.	
COLBERT.															
Stone.	1	25	1			15	10		5		13,600	6,000	595	(*)	13,500
DE KALB.															
Coal, bituminous.	1					50	20	30			25,000	23,400	280	10,000	35,000
SHELBY.															
Coal, bituminous.	1					7	4	3			1,000	570	71	1,000	4,000

THE TERRITORY OF ARIZONA.

YUMA AND MOHAVE.															
Copper.	2					25	11	14			2,500	6,200	1,200	(*)	7,000
Silver, quartz.						20	7	13			4,000	7,500	285	(*)	17,500

THE STATE OF CALIFORNIA.

AMADOR.															
Gold, hydraulic.	58	5	1	17	4	212	212				77,405	17,815	35,081	(*)	118,220
placer.	36			2	1	202	202				38,900	10,515	7,882	(*)	59,900
quartz.	13	380	13			345	115	230			1,166,500	268,885	71,042	(*)	632,390
ALPINE.															
Silver, quartz.	1					6	1	5			50,000	1,300	900	(*)	3,600
BUTTE.															
Gold, hydraulic.	15					136	136				149,800	78,580	61,403	(*)	189,250
placer.	2					9	9				14,000	6,200	5,100	(*)	17,000
quartz.	4					91	4	17			15,500	9,200	6,065	(*)	15,235
CALAVERAS.															
Gold, hydraulic.	44					144	144				57,700	69,174	53,534	(*)	177,700
placer.	237	23	3	256	1	745	745				193,310	252,260	116,045	(*)	556,274
quartz.	77	115	4	40	4	360	89	271			217,450	149,778	56,800	(*)	381,329
DEL NORTE.															
Gold, hydraulic.	6					30	30				35,700	14,000	2,470	(*)	29,700
placer.	10			50	3	26	26				35,200	6,600	3,925	(*)	28,600
EL DORADO.															
Gold, hydraulic.	19					73	73				43,575	23,252	29,431	(*)	79,700
placer.	68					241	241				76,824	32,283	16,801	(*)	129,038
quartz.	8	20	1			62	13	49			21,050	48,952	4,036	(*)	59,745
PRESNO.															
Cinnabar.	1					263	263				150,000	215,000	2,000	(*)	330,000
INYO.															
Gold, quartz.	2					17	1	16			8,000	16,320	1,650	(*)	21,800
and silver, quartz.	1					15	1	14			75,000	4,328	4,925	(*)	15,000
KERN.															
Gold, quartz.	3					44	11	33			112,000	27,950	4,765	(*)	35,742
KLAMATH.															
Gold, placer.	2					12	12				16,000	9,500	500	(*)	7,000
quartz.	2					37	11	26			30,000	37,000	5,575	(*)	68,434
LAKE.															
Cinnabar.	1					75	75				250,000	50,000	6,500	(*)	100,000
LOS ANGELES.															
Gold, quartz.	1					33	3	30			90,000	37,600	534	(*)	38,287
MARIPOSA.															
Gold, placer.	3	60	2	70	2	107	107				167,000	75,000	12,500	(*)	240,000
quartz.	3	80	2			118	6	112			350,000	88,494	34,881	(*)	183,440
MONO.															
Gold, placer.	1					4	4				1,000	2,000	550	(*)	6,567
quartz.	1					6	4	2			1,000	4,000	400	(*)	4,700
Silver, quartz.	3					11	6	5			6,300	8,870	1,660	(*)	79,500
NEVADA.															
Gold, hydraulic.	25					189	189				280,130	114,694	92,323	(*)	389,075
placer.	40					354	354				67,625	22,950	12,246	(*)	107,480
quartz.	15	470	8			595	97	498			2,117,200	558,390	76,694	(*)	844,207
PLACER.															
Gold, hydraulic.	21					162	162				230,100	74,605	71,400	(*)	209,121
placer.	18					217	217				160,950	143,106	48,775	(*)	247,180
quartz.	4					83	33	50			90,000	61,336	21,520	(*)	79,931

(*) Quantities not specified.

THE STATISTICS OF MINING.

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TABLE XV.—THE STATE OF CALIFORNIA—BY COUNTIES—Continued.

MINERALS.	Establishments.	STRAM- ENGINES.		WATER- WHEELS.		HANDS EMPLOYED.			CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.	Dollars.	Dollars.	Tons.	Dollars.
PLUMAS.														
Gold, placer.....	75			30	1	380	390	29	146		329,975	125,205	13,863	(*)
quartz.....	5					175	175				124,500	151,600	29,423	(*)
SAN BERNARDINO.														
Gold, quartz.....	1					4	1	3			7,500	500	30	(*)
SANTA CLARA.														
Cinnabar.....	2	71	3			473	72	382	19		11,500,000	334,000	22,200	(*)
SHASTA.														
Gold, hydraulic.....	4					14	14				4,100	600	820	(*)
placer.....	21					49	49				6,100	7,843	2,850	(*)
quartz.....	3					34	6	28			16,000	30,300	3,000	(*)
SIERRA.														
Gold, hydraulic.....	21					235	235				211,150	115,350	49,131	(*)
placer.....	24	35	2	8	1	360	360				211,575	210,601	37,011	(*)
quartz.....	6	30	1			129	17	112			120,000	95,244	17,600	(*)
SISKIYOU.														
Gold, hydraulic.....	2					9	9				16,000	2,882	2,800	(*)
placer.....	43			4	1	104	104				74,000	24,550	24,533	(*)
quartz.....	2					6	2	4			2,000	1,500	2,010	(*)
TRINITY.														
Gold, hydraulic.....	18					55	55				43,900	21,563	16,912	(*)
placer.....	18					65	85				57,850	37,035	22,127	(*)
TUOLUMNE.														
Gold, hydraulic.....	4					8	8				12,000	3,500	4,620	(*)
quartz.....	8	60	2	112	6	98	26	72			56,500	58,800	6,750	(*)
YUBA.														
Gold, hydraulic.....	28			14	5	120	120				126,956	30,493	12,860	(*)
placer.....	14	25	1	12	1	203	203				785,150	156,031	179,291	(*)
quartz.....	2					26	3	23			8,500	8,172	4,652	(*)

THE TERRITORY OF COLORADO.

BOULDER.														
Gold, quartz.....	3	40	2	10	1	31	5	26			17,000	14,100	11,750	(*)
CLEAR CREEK.														
Silver, quartz.....	3	25	1			80	5	75			112,000	105,400	8,810	(*)
GILPIN.														
Gold, placer.....	3	401	11			47	47	156			1,015,300	28,500	3,770	(*)
quartz.....	12					233	77				1,509,600	151,000	24,453	(*)
JEFFERSON.														
Coal, bituminous.....	2					13	2	11			31,000	7,500	1,810	3,500
Stone.....	1					2	2				750	1,500	75	(*)
LAKE.														
Gold, placer.....	13	23	1	20	1	72	72				55,450	24,300	5,594	(*)
quartz.....	2					36	17	19			20,000	28,000	3,601	(*)
PARK.														
Gold, placer.....	8					35	35	3			39,000	6,925	4,430	(*)
quartz.....	1					5	2				400	400	915	(*)
SUMMIT.														
Gold, placer.....	4					18	18				9,835	0,000	2,320	(*)
WELD.														
Coal, bituminous.....	1					3	2	1			5,000	1,500	600	1,000

THE STATE OF CONNECTICUT.

FAIRFIELD.														
Stone.....	1					4	4				1,000	1,120	100	(*)
LITCHFIELD.														
Stone.....	1					20	20				5,000	10,000	2,000	(*)
MIDDLESEX.														
Stone.....	10	345	10			1,201	1,201				1,334,100	607,500	18,934	(*)
NEW HAVEN.														
Barytes.....	1	70	2			110	110				50,000	78,000	5,518	(*)
Stone.....	2					50	50				47,000	31,500	2,100	(*)
NEW LONDON.														
Stone.....	5	16	1	20	1	122	122				59,000	52,000	16,650	(*)

(*) Quantities not specified.

THE STATISTICS OF MINING.

TABLE XV.—THE STATE OF DELAWARE—BY COUNTIES.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Tons.	Dollars.	
NEW CASTLE.	12	38	2			26	26				89,210	4,950	1,510	3,600	10,800
Iron ore.....															

THE STATE OF GEORGIA.

DE KALB.																
Stone.....	1						24	24				25,000	7,500	332	(*)	9,000
LINCOLN.																
Gold, quartz.....	1						11	7	4			30,000	2,165	650	(*)	7,000
LUMPKIN.																
Gold, quartz.....	3						45	45				21,500	5,656	1,330	(*)	10,780
MUSCOGEE.																
Stone.....	1						2	2				300		20	(*)	1,000
PICKENS.																
Marble.....	1			30	1		9	5		4		15,000	1,000	70	(*)	4,000
POLK.																
Slate.....	3						10	10				14,000	2,152	127	(*)	5,500
WHITE.																
Gold, quartz.....	1						25	25				40,000	9,600	400	(*)	12,000

THE TERRITORY OF IDAHO.

ALTURAS.																
Gold, placer.....	20						127	127				12,550	3,350	1,835	(*)	58,010
quartz.....	1						2	2				500	1,400	230	(*)	3,000
and silver, quartz.....	1			50	1		14	8	6			50,000	12,000	1,500	(*)	40,400
BOISE.																
Gold, placer.....	65						453	453				234,130	125,762	76,368	(*)	358,881
quartz.....	2						29	6	23			30,000	11,000	3,140	(*)	16,560
IDAHO.																
Gold, placer.....	35						202	202				56,340	69,052	10,607	(*)	135,330
quartz.....	1						2	1	1			300		150	(*)	2,253
LEMHI.																
Gold, placer.....	7						64	64				42,750	45,400	6,200	(*)	113,000
quartz.....	1		2	1			5	3	2			3,000	2,000	125	(*)	5,000
NEZ PERCES.																
Gold, hydraulic.....	7						28	28				34,700	9,400	3,000	(*)	33,900
OWYHEE.																
Gold, placer.....	5		80	4	2	1	31	31	142			50,000	11,500	8,330	(*)	25,600
and silver, quartz.....	9						176	34				500,300	198,800	104,185	(*)	827,235
SHOSHONE.																
Gold, placer.....	100						559	559				74,170	13,593	15,913	(*)	370,172

THE STATE OF ILLINOIS.

BUREAU.																
Coal, bituminous.....	9	12	1				110	18	92			88,000	60,601	5,776	32,330	85,767
CHRISTIAN.																
Coal, bituminous.....	1						3	2	1			300		120	60	180
Stone.....	1						2	2				200		900	(*)	1,000
CLINTON.																
Coal, bituminous.....	1	25	1				35	9	26			40,000	14,000	3,000	9,000	17,000
DU PAGE.																
Stone.....	1	6	1				7	7				4,500	1,950	410	(*)	3,665
FULTON.																
Coal, bituminous.....	7	20	1				71	10	52			18,800	18,310	5,710	22,850	77,900
GALLATIN.																
Coal, bituminous.....	2	25	1				48	12	30	6		40,100	16,200	1,600	11,000	25,230
GRUNDY.																
Coal, bituminous.....	16	40	2				291	51	940			38,000	100,980	7,980	51,375	146,900

(*) Quantities not specified.

TABLE XV.—THE STATE OF ILLINOIS—BY COUNTIES—Continued.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Tons.	Dollars.	
HANCOCK.															
Stone	1	45	2			83	77		6		60,298	55,000	12,000	(*)	88,702
HENDERSON.						75	75				10,000	30,000	7,100	(*)	40,000
Stone	1														
HENRY.															
Coal, bituminous	8	100	5			230	34	194	2		310,500	88,650	15,077	62,750	154,315
Stone	2					6					1,500	2,750	225	(*)	4,000
JACKSON.															
Coal, bituminous	2	120	3			551	48	503			52,000	172,285	15,093	166,800	417,500
Stone	1					8		8			2,000	768	750	(*)	2,000
JERSEY.															
Coal, bituminous	6					15	4	11			4,500	2,225	300	2,623	5,060
Stone	3	66	5			407	407				267,000	129,000	3,683	(*)	379,500
JO DAVIESS.															
Lead	1	20	1			55	4	51			6,000	28,703	6,000	(*)	73,302
KNOX.															
Coal, bituminous	44	16	1			214	40	174			44,250	80,190	19,680	97,925	192,525
Stone	3					9	9				750	1,565	1,065	(*)	4,320
LA SALLE.															
Coal, bituminous	5	246	6			379	65	280	5		461,360	253,140	36,122	173,804	395,535
LIVINGSTON.															
Coal, bituminous	10	155	3			144	27	117			137,700	54,380	7,045	49,360	157,995
LOGAN.															
Coal, bituminous	1	40	1			38	6	32			75,000	15,000	12,950	17,000	51,000
MACCOUPIN.															
Coal, bituminous	1	20	1			25	3	20	9		22,000	10,500	640	7,000	21,000
MADISON.															
Coal, bituminous	15	78	3			207	71	133	3		136,740	122,278	34,753	116,924	254,312
Stone	4					99	99				14,200	49,700	4,500	(*)	77,490
MARSHALL.															
Coal, bituminous	9					51	2	49			101,500	18,120	1,007	17,330	50,040
MC'DONOUGH.															
Coal, bituminous	17					220	21	198	1		8,155	55,375	2,785	60,750	165,200
MC'LEAN.															
Coal, bituminous	2	140	2			250	50	200			240,000	104,000	19,525	55,000	202,925
MENARD.															
Coal, bituminous	5	26	2			45	9	36			22,500	17,350	3,986	17,360	41,520
Stone	1					2	2				700	1,000	48	(*)	3,200
MERCER.															
Coal, bituminous	16					72	21	46	5		4,940	14,650	1,410	14,040	28,325
MONTGOMERY.															
Coal, bituminous	1	30	1			30	6	24			20,000	21,000	1,100	18,000	54,000
PEORIA.															
Coal, bituminous	1	12	1			17	3	12	2		20,000	8,000	480	6,000	12,000
PERRY.															
Coal, bituminous	9	445	12			390	58	300	33		175,000	187,340	34,149	105,400	330,249
RANDOLPH.															
Coal, bituminous	2	10	1			13	2	11			2,500	9,175	1,420	11,000	22,000
ROCK ISLAND.															
Coal, bituminous	12	102	5			354	57	247	50		455,600	156,150	11,406	127,630	356,770
SANGAMON.															
Coal, bituminous	6	190	6			246	54	182	10		213,500	102,200	29,995	84,500	450,000
SCHUYLER.															
Coal, bituminous	4					22	6	16			3,400	7,700	1,420	8,100	20,750
Stone	1					1	1				100		500	(*)	700
SCOTT.															
Coal, bituminous	4					11	3	8			850	9,048	367	2,950	5,950
SHELBY.															
Coal, bituminous	5					18	9	7	2		4,200	9,150	2,372	5,700	19,675
STARK.															
Coal, bituminous	13					60	10	50			14,090	17,517	1,497	14,554	27,868
ST. CLAIR.															
Coal, bituminous	42	582	24			1,112	131	981			520,800	839,070	42,856	798,810	1,366,245
Stone	4	15	1			27	27				21,000	11,100	1,840	(*)	15,800
TAZEWELL.															
Coal, bituminous	3					24	6	18			12,000	6,700	1,385	5,300	11,661

(*) Quantities not specified.

THE STATISTICS OF MINING.

TABLE XV.—THE STATE OF ILLINOIS—BY COUNTIES—Continued.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.			CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Boys under ground.	Boys above ground.			Tons.	Dollars.	
VERMILION.														
Coal, bituminous	14	36	2			250	57	190	12	272,300	103,900	9,446	115,640	189,180
WARMEN.														
Coal, bituminous	22	2				79	5	65	2	10,715	14,037	2,830	11,739	31,079
Stone						3	3	800		850	300	(*)	2,400	
WILL.														
Coal, bituminous	3	145	6			642	114	528		675,000	504,000	59,480	228,000	684,400
Stone	7					413	413			128,500	100,050	8,875	(*)	171,590
WILLIAMSON.														
Coal, bituminous	3					7		7		275	1,150	192	1,600	3,200
WINNEBAGO.														
Stone	1					6	6			10,000	1,500	500	(*)	2,500
WOODFORD.														
Coal, bituminous	1	30	1			25	5	20		40,000	5,000	1,600	4,000	15,000

THE STATE OF INDIANA.

CASS.															
Stone	5						19	19			4,000	3,400	315	(*)	11,066
CLARKE.															
Stone	1						4	4			200	1,200	10	(*)	1,200
CLAY.															
Coal, bituminous	15	563	16			635	85	524	26	359,100	359,858	26,816	236,642	566,288	
DAVIESS.															
Coal, bituminous	5	20	1			269	21	213	35	75,135	123,114	14,267	64,338	150,050	
DECATUR.															
Stone	3	175	3			78	70		8	6,350	26,500	3,425	(*)	37,250	
DELAWARE.															
Stone	1					9	3			200	100	50	(*)	000	
FOUNTAIN.															
Coal, bituminous	2					17	6	11		1,737	4,515	558	3,132	6,518	
FRANKLIN.															
Stone	4					32	32			5,300	4,700	245	(*)	11,400	
GREENE.															
Coal, bituminous	2					5	5			2,000	420	100	270	1,000	
HUNTINGTON.															
Stone	1					2	2			150		13	(*)	500	
JENNINGS.															
Stone	1					16	16			1,000	7,000	55	(*)	8,000	
MAHION.															
Coal, bituminous	1	80	1			47	16	31		20,000	12,000	3,100	4,000	20,000	
MONROE.															
Stone	4	100	2			95	90		5	20,100	30,512	4,294	(*)	48,500	
PARKE.															
Coal, bituminous	2					7	2	5		410	2,280	90	2,040	5,000	
PERRY.															
Coal, bituminous	1					130	34	96	5	23,000	35,000	972	28,572	40,000	
Stone	1					57	52			10,000	7,000	400	(*)	10,000	
PIKE.															
Coal, bituminous	3					8	4	4		790	1,475	168	1,600	2,655	
STARKE.															
Iron ore	2					7	7			2,000	700	220	665	2,660	
SULLIVAN.															
Coal, bituminous	1	40	1			48	3	45		25,000	40,000	1,811	24,000	52,400	
VANDERBURGH.															
Coal, bituminous	1	30	1			37	12	25		20,000	22,000	5,700	10,710	28,000	
VIGO.															
Coal, bituminous	9	38	2			77	24	53		16,720	24,710	1,365	33,980	62,665	
Stone	2					25	25			950	3,800	375	(*)	5,875	
WARREN.															
Coal, bituminous	1					3	3			50	120	13	250	700	
WARRICK.															
Coal, bituminous	3					86	28	49	9	10,500	30,100	6,930	28,336	53,365	
Stone	1					17	17			6,000	5,460	2,700	(*)	11,500	

(*) Quantities not specified.

TABLE XV.—THE STATE OF IOWA—BY COUNTIES.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Tons.	Dollars	
ADAMS.															
Coal, bituminous	1					3	2	1			300	200	113	100	515
APPANOOSA.						65	10	55			5,565	11,647	1,735	6,700	20,200
Coal, bituminous	17					262	31	241			59,500	120,742	10,370	42,143	163,312
BOONE.						6	2	4			950	900	1,450	(*)	3,500
Coal, bituminous	5	55	2			3	3				800	840	100	(*)	1,400
CLAYTON.						8	4	4			2,700	900	175	1,080	2,890
Lead	2					2	2				300	75	40	(*)	300
CLINTON.						3	3								
Stone	1					52	20	32			3,475	8,000	1,515	(*)	46,750
DAVIS.						3	3				50	200	300	(*)	900
Coal, bituminous	3					3	3				1,600	225	125	(*)	1,500
Stone	1					45	45				7,000	23,000	1,050	(*)	27,700
DUBUQUE.						156	61	85	10		24,300	66,080	9,670	20,720	84,100
Lead	16	40	1			30	8	22			82,500	6,710	1,200	5,300	17,050
HAMILTON.						27	4	23			11,000	8,130	1,025	3,400	11,675
Coal, bituminous	1					2	2				1,500	250	80	(*)	900
Stone	1					12	12				3,900	2,000	4,300	(*)	8,900
HENRY.						8	8				26,067	2,667	800	(*)	8,000
Stone	3					129	10	119			45,700	67,290	10,155	32,550	96,810
JASPER.						28	13	14	1		2,500	4,300	450	4,313	10,541
Coal, bituminous	6					88	88				20,600	40,250	2,100	(*)	46,500
JEFFERSON.						3	3				1,000	300	300	(*)	1,000
Coal, bituminous	3					35	9	26			21,500	25,050	3,815	15,410	38,810
KEOUK.						27	6	21			14,700	5,000	1,050	9,492	7,900
Coal, bituminous	4					174	68	106			45,500	88,500	23,100	45,600	150,600
Stone	1					23	23				40,000	11,050	2,300	(*)	92,000
LINN.						82	17	65			5,250	28,890	202	17,325	73,500
Stone	1					20	20				5,000	5,000	500	(*)	8,000
MADISON.						6	6				35,000	2,000	50	(*)	12,000
Stone	1					119	72	9			162,537	70,658	5,709	31,630	91,672
MAHASKA.						1	1				100	450	(*)		700
Coal, bituminous	8	60	2			17	2	15			360	2,520	203	1,860	6,800
MARION.						5	1	4			150	440	16	155	550
Coal, bituminous	7					110	33	77			134,000	65,000	4,795	32,400	97,200
MARSHALL.															
MILLS.															
MONKOM.															
Coal, bituminous	3	30	1												
MUSCATINE.															
Coal, bituminous	4														
POLK.															
Coal, bituminous	6														
Stone	1														
SCOTT.															
Coal, bituminous	5														
Stone	1														
TAMA.															
Marble	1														
WAPELLO.															
Coal, bituminous	11														
Stone	1														
WARREN.															
Coal, bituminous	5														
WAYNE.															
Coal, bituminous	1														
WEBSTER.															
Coal, bituminous	6														

* Quantities not specified.

THE STATISTICS OF MINING.

TABLE XV.—THE STATE OF KANSAS—BY COUNTIES.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Tons.	Dollars.	
BOURBON.						42	42				675	3,725	1,117	7,717	20,000
Coal, bituminous	11														
CRAWFORD.						6	6				375	416	80	1,508	2,250
Coal, bituminous	2														
DAVIS.															
Stone	3	75	1			44	44				21,000	27,100	3,280	(*)	32,200
ELLSWORTH.															
Coal, bituminous	1					35	35				1,000	7,000	585	1,078	11,750
LEAVENWORTH.															
Stone	1					40	40				50,000	5,809	624	(*)	20,000
OSAGE.															
Coal, bituminous	4					162	162				104,200	73,550	800	20,635	73,278
SHAWNEE.															
Coal, bituminous	2					7	3	4			180	4,500	19	1,400	7,000
Stone	2					15	15				1,700	6,000	45	(*)	7,800

THE STATE OF KENTUCKY.

BOYD.						10	3	7			7,000	2,815	187	2,236	5,197
Coal, bituminous	4														
BUTLER.						15	15				5,600	3,600	420	4,420	8,750
Coal, bituminous	2														
CLINTON.															
Coal, bituminous	1	40	1			75	60		15		250,000	16,500	500	7,143	20,000
CRITTENDEN.															
Coal, bituminous	2	25	1			141	90	33	18		60,000	38,400	4,546	23,600	60,000
CUMBERLAND.															
Petroleum	1	20	1			2	2				1,000	75	400	4,000	650
DAVIESS.															
Coal, bituminous	2					21	2	16	3		2,200	7,000	312	2,888	10,000
ESTILL.															
Iron ore	2					200	190		10		32,000	30,000	2,250	17,500	53,000
FAYETTE.															
Lead	1					5	5				4,500	3,000	500	(*)	6,000
GREENUP.															
Coal, bituminous	2					89	79	10			39,000	42,200	555	25,180	113,050
Stone	1					4	4				6,000	1,000	105	(*)	2,600
HANCOCK.															
Coal, bituminous	2					31	10	21			6,500	11,000	5,700	8,000	20,000
HENDERSON.															
Coal, bituminous	2					20	5	13	1	1	10,200	5,184	1,247	3,800	7,950
HOPKINS.															
Coal, bituminous	1					2		2			200	300	31	1,450	2,000
LIVINGSTON.															
Coal, bituminous	1					14	12	2			2,500	2,500	690	1,800	5,000
MURPHY.															
Coal, bituminous	1					2		2			350	100	200	214	900
MUHLENBURG.															
Coal, bituminous	1					2		2			500	700	150	820	1,000
ROCK CASTLE.															
Coal, bituminous	1					15	5	10			3,000	3,500	600	715	3,200
UNION.															
Coal, bituminous	5	60	2			269	117	152			330,600	143,512	12,600	67,466	187,348
WEBSTER.															
Coal, bituminous	3					8	3	5			300	1,100	90	850	2,400

THE STATE OF LOUISIANA.

ORLEANS.						2	2				100	250	250	(*)	1,200
Peat, cut.	1														

* Quantities not specified.

† Gallons.

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TABLE XV.—THE STATE OF MAINE—BY COUNTIES.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Tons.	Dollars.	
CUMBERLAND.															
Stone.....	1					3	3				500	125	25	(*)	700
HANCOCK.															
Stone.....	5					79	79				15,000	27,580	2,689	(*)	55,000
KENNEBEC.															
Stone.....	3					42	42				27,700	23,000	1,907	(*)	35,800
KNOX.															
Stone.....	38	8	1			391	391				255,018	176,770	20,839	(*)	340,238
PISCATAQUIS.															
Slate.....	3	149	3			100	91		9		294,000	53,800	5,325	(*)	85,000
SOMERSET.															
Stone.....	1					2	2				800	40	40	(*)	500
WALDO.															
Stone.....	3					75	75				65,250	55,960	1,935	(*)	72,000
YORK.															
Stone.....	3	20	1			41	41				9,500	19,500	1,950	(*)	32,500

THE STATE OF MARYLAND.

ALLEGANY.																
Coal, bituminous.....	20	431	7			2,712	446	2,211	10	45	23,881,000	1,471,525	105,279	1,818,424	2,403,708	
Iron ore.....	2	165	1			66	16	50			705,000	25,100	1,340	9,300	32,560	
ANNE ARUNDEL.																
Coal, bituminous.....	2						15	4	11			10,600	1,800	1,203	1,400	5,500
Iron ore.....	13						71	21	50			8,200	10,707	4,005	0,190	24,660
BALTIMORE.																
Iron ore.....	20	193	14	2	12	1	414	264	150			293,600	106,807	7,200	50,487	438,303
Marble.....	2	14		50		1	200	200				70,000	120,000	8,450	(*)	275,000
CARROLL.																
Copper.....	1	10					7	2	5			7,000	1,000	700	(*)	6,500
Iron ore.....	5	56	4				62	52	10			81,300	14,075	2,464	18,300	54,000
Stone.....	3	5	1				21	21				8,500	7,830	525	(*)	32,200
FREDERICK.																
Copper.....	1	75	2				65	17	28	20		150,000	30,000	7,810	(*)	65,000
Iron ore.....	1	10	1				60	60				56,000	18,000	1,375	12,000	42,600
Slate.....	2						9	9				2,700	950	56	(*)	5,000
Stone.....	1						4	4				800	500	22	(*)	3,200
HARFORD.																
Stone.....	2						10	10				8,400	2,358	300	(*)	3,000
HOWARD.																
Stone.....	2						13	13				2,100	3,300	78	(*)	5,762
MONTGOMERY.																
Stone.....	1						50	50				83,630	18,750	4,705	(*)	38,467
PRINCE GEORGE'S.																
Iron ore.....	2						22	20		2		900	4,190	2,077		7,383

THE STATE OF MASSACHUSETTS.

BERKSHIRE.																
Iron ore.....	3	85	4		40	1	158	26	132			140,000	84,273	9,373	30,061	130,874
Marble.....	3	15	1	40		1	60	60				140,000	83,450	1,276	(*)	59,500
Stone.....	6						56	56				48,000	10,800	2,135	(*)	20,500
BRISTOL.																
Stone.....	4						60	57		3		8,600	25,170	2,007	(*)	30,850
ESSEX.																
Stone.....	13	50	5				483	483				296,700	289,500	17,823	(*)	481,495
HAMPDEN.																
Stone.....	2	12	1				90	90				9,500	43,500	3,000	(*)	60,000
HAMPSHIRE.																
Stone.....	1						5	5				100	2,200	100	(*)	4,000
MIDDLESEX.																
Stone.....	7						67	67				41,500	15,000	5,571	(*)	40,400
NORFOLK.																
Slate.....	1	15	1				6	6				1,500	1,820	4,268	(*)	0,000
Stone.....	14	107	9				413	403		10		105,200	270,650	80,612	(*)	467,403

* Quantities not specified.

THE STATISTICS OF MINING.

TABLE XV.—THE STATE OF MASSACHUSETTS—BY COUNTIES—Continued.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Dollars.	Tons.	
SUFFOLK.	2					39	39				12,000	14,500	1,300	(*)	22,000
Stone.....						158	158				51,150	100,875	9,006	(*)	158,010

THE STATE OF MICHIGAN.

HOUGHTON.															
Copper.....	11	3,121	42			2,961	1,025	1,936			3,204,474	1,658,732	375,348	(*)	3,231,888
INGRAM.															
Coal, bituminous.....	1	13	1			8	8				1,500	400	50	150	1,200
IONIA.															
Stone.....	1	6	1			18	18				15,000	7,000	160	(*)	11,000
JACKSON.															
Coal, bituminous.....	2	70	2			85	26	51	8		175,000	58,000	7,500	28,000	103,000
Fire-clay.....	1					67	67				75,000	40,000	3,000	(*)	60,000
KENT.															
Stone.....	1	25	1			10	10				20,000	5,000	6,500	(*)	13,786
KEWEENAW.															
Copper.....	6	1,085	20			829	270	550			1,570,000	510,508	100,510	(*)	823,477
MARQUETTE.															
Iron ore.....	11	922	20			2,005	430	1,575			3,810,000	1,270,698	353,403	680,393	2,077,965
ONTONAGON.															
Copper.....	10	1,137	24			398	117	269	12		1,001,900	168,995	79,558	(*)	256,802

THE STATE OF MINNESOTA.

BLUE EARTH.															
Stone.....	1						10	10			5,000	2,400	350	(*)	3,500
HENNEPIN.															
Peat.....	1						2	2			2,000	50	50	(*)	250
Stone.....	5						34	34			10,000	15,000	5,000	(*)	30,000
SCOTT.															
Stone.....	1						3	3			1,000	195	50	(*)	600
WAHABSHAW.											500	120	200	(*)	1,000

THE STATE OF MISSOURI.

AUDRAIN.															
Coal, bituminous.....	3						4	4			300	400	200	1,200	2,700
BATES.															
Coal, bituminous.....	3						11	11			3,700	3,400	210	1,933	6,250
BOONE.															
Coal, bituminous.....	5						15	10	5		4,200	1,500	600	1,380	7,000
CALLAWAY.															
Coal, bituminous.....	4						18	5	13		3,400	3,400	184	2,450	9,640
CAPE GIRARDEAU.															
Stone.....	1						2	2			2,000	800		(*)	3,000
COLE.															
Coal, bituminous.....	1						6	1	5		2,500	3,600		1,357	5,320
COOPER.															
Coal, bituminous.....	1	35	1				30	5	25		30,000	5,000	400	3,000	12,000
Lead.....	1						2		2		30,000	150	150	(*)	300
FRANKLIN.															
Lead.....	25						61	25	36		9,250	19,400	1,600	(*)	27,630
GASCONADE.								3	3		500	375	50	(*)	500
Stone.....	1										100		60	(*)	700
GREENE.															
Stone.....	1														

(*) Quantities not specified.

THE STATISTICS OF MINING

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TABLE XV.—THE STATE OF MISSOURI—BY COUNTIES—Continued.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.			
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Dollars.	Tons.		
HENRY.																
Coal, bituminous	2					5	5				3,000	900	100	900	2,800	
IRON.																
Iron ore	1	60	2			64	18	40	6		300,000	23,500	1,800	23,000	40,350	
JACKSON.																
Stone	1					4	4					1,200	3,000	900	(*)	4,000
JASPER.																
Lead	1					5	3	2				10,000	1,500	1,525	(*)	37,500
JOHNSON.																
Coal, bituminous	2	24	2			32	6	26				20,000	15,000	764	8,000	24,000
LINN.																
Coal, bituminous	4					12	7	5				2,900	3,200	594	2,100	7,140
Stone	2					6	6					750	600	55	(*)	1,750
LIVINGSTON.																
Coal, bituminous	1					6	6					150	1,500	112	600	3,700
MACON.																
Coal, bituminous	3	39	3			289	40	249				500,000	171,000	4,040	75,282	212,000
MILLER.																
Lead	6					27	10	17				3,700	750	805	(*)	6,115
MONITEAU.																
Coal, bituminous	1					6	6					400	1,800	40	1,000	3,000
Lead	2					5	3	2				3,100	350	15	(*)	1,100
NEWTON.																
Lead	1	32	1			300	100	200				20,000	50,000	425	(*)	72,500
PHELPS.																
Iron ore	1					20	20					27,000	11,000	900	11,000	16,500
RANDOLPH.																
Coal, bituminous	4	20	2			86	31	55				106,100	47,400	3,624	27,900	82,250
RAY.																
Coal, bituminous	6					126	13	113				103,000	101,994	310	43,846	139,295
ST. CHARLES.																
Coal, bituminous	4					27	27					4,300	11,500	2,450	5,400	23,435
Stone	3					8	8					5,000	1,504	150	(*)	6,412
ST. FRANÇOIS.																
Iron ore	1					465	300	75				187,000	205,545	300	144,842	434,646
Lead	2	40	1			103	22	81				78,000	36,870		(*)	37,760
ST. LOUIS.																
Coal, bituminous	9	2,190	25			1,163	394	789				1,700,000	904,000	302,180	444,642	1,473,400
Stone	32	30	3			433	420	13				891,425	244,830		(*)	750,050
SCHUYLER.																
Coal, bituminous	2					19	19					12,800	2,000	165	1,400	4,000
WARREN.																
Coal, bituminous	1					3	3					500	150	100	250	800
WASHINGTON.																
Lead	2					27	7	20				25,500	13,750	1,000	(*)	17,000
WEBSTER.																
Lead	2					9	9					400	1,400	125	(*)	1,980

THE TERRITORY OF MONTANA.

BEAVER HEAD.																
Gold, placer	33					296	296					213,900	102,578	29,920	(*)	366,340
DEER LODGE.																
Gold, hydraulic placer	25					243	243					93,325	106,500	83,650	(*)	523,500
	228					1,031	1,031					508,525	483,105	410,400	(*)	1,435,619
JEFFERSON.																
Gold, hydraulic placer	13					46	46					79,200	17,000	5,900	(*)	43,450
	118					265	265					230,580	32,500	33,980	(*)	164,545
LEWIS AND CLARKE.																
Gold, placer quartz	57	10	1			545	545	16	122			200,800	157,045	84,869	(*)	549,313
	4					138						230,000	83,270	4,167	(*)	176,454
MADISON.																
Gold, hydraulic placer quartz	15					83	83					168,200	64,750	4,192	(*)	117,800
	10					61	61					114,100	27,700	3,085	(*)	40,466
	8					75	25	50				390,500	41,200	5,970	(*)	58,150

(*) Quantities not specified.

TABLE XV.—THE TERRITORY OF MONTANA—BY COUNTIES—Continued.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Tons.	Dollars.	
MEAGHER.															
Gold, hydraulic.....	11					63	62				92,303	20,955	10,013	(*)	52,708
Placer.....	93					350	350				169,140	127,352	50,825	(*)	411,675
MISSOULA.															
Gold, placer.....	68					339	339				37,950	27,294		(*)	90,415

THE STATE OF NEBRASKA.

PAWNEE.						8	6		2		850	2,950	1,450	1,425	8,550
Coal, bituminous.....	3					30	30				14,000	9,600	1,700	(*)	21,580

THE STATE OF NEVADA.

ESMERALDA.															
Gold and silver, quartz.....	23					283	96	187			150,200	178,100	61,100	(*)	412,000
HUMBOLDT.															
Copper.....	1					20	6	14			3,000	12,486	155	(*)	30,000
Lead.....	1					6	3	3			500	1,50	100	(*)	2,000
Silver, quartz.....	12					167	29	138			495,000	189,472	18,716	(*)	725,211
LANDER.															
Silver, quartz.....	9	250	8			127	33	94			1,910,100	125,814	64,001	(*)	394,558
LINCOLN.															
Silver, quartz.....	45					370	160	210			44,400	131,500	9,227	(*)	300,000
NYE.															
Gold and silver, quartz.....	1	40	1			6	2	4			25,000	9,600	4,000	(*)	10,000
Silver, quartz.....	14					71	45	20			150,200	9,000	12,700	(*)	63,406
ORMSBY.															
Gold and silver, quartz.....	3					11	2	9			25,000	11,550	2,370	(*)	12,560
STORY.															
Gold and silver, quartz.....	19	2,490	35	50	2	1,009	337	1,272			98,237,000	1,983,205	1,092,406	(*)	7,751,331
WHITE PINE.															
Silver, quartz.....	11					106	96	100			1,198,000	255,645	372,000	(*)	1,375,386

THE STATE OF NEW HAMPSHIRE.

CARROLL.															
Lead.....	1	15	1			3	1	2			10,000	3,810	500	(*)	3,000
Silver.....	1					8	1	7			25,000	7,000	1,000	(*)	10,000
Zinc.....	1					2					5,000	1,000	150	(*)	1,085
CHESHIRE.															
Stone.....	4					48	48				5,000	14,660	2,500	(*)	24,000
GRAFTON.															
Stone.....	3					15	15				2,100	3,200	308	(*)	5,780
HILLSBOROUGH.															
Stone.....	5					31	31				8,950	8,650	629	(*)	13,640
MERRIMACK.															
Stone.....	6					227	227				146,500	162,800	8,305	(*)	285,700

THE STATE OF NEW JERSEY.

ESSEX.															
Stone.....	3					94	94				53,000	42,000	8,585	(*)	58,000
HUDSON.															
Stone.....	1					200	200				5,000	115,200	20,637	(*)	175,000
HUNTERDON.															
Stone.....	1					0	0				3,000	2,200	1,600	(*)	4,000

(*) Quantities not specified.

THE STATISTICS OF MINING.

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TABLE XV.—THE STATE OF NEW JERSEY—BY COUNTIES—Continued.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Tons.	Dollars.	
MERCER.															
Stone	4					144	144				41,100	88,162	28,951	(*)	144,640
MORRIS.															
Iron ore	27	1,148	41	135	4	1,049	355	1,289	5	1,287,000	960,576	136,484	308,792	1,741,932	
PASSAIC.															
Iron ore	1			20	1	34	20	14			20,000	10,000	675	4,000	15,000
SUSSEX.															
Iron ore	3	37	3	30	1	127	18	97	12	64,000	60,416	12,740	27,000	139,000	
Slate	2	12	1			18	18			39,000	11,600	1,250	(*)	16,000	
Zinc	1					26	3	23	1	500,000	13,320	919	(*)	100,000	
WARREN.															
Iron ore	4	575	8	20	1	137	58	70	0	138,600	41,476	18,840	22,844	120,545	
Slate	1					54	54			350,000	24,807	2,000	(*)	30,000	
Stone	1					4	2		2	1,000	1,200	138	(*)	1,338	

THE TERRITORY OF NEW MEXICO.

COLFAX.															
Gold, placer	12					67	67			121,000	23,050	20,753	(*)	97,500	
quartz	1					30	5	23		150,000	30,000	1,630	(*)	100,000	
GRANT.															
Gold, quartz	1					6	1	5			5,000	5,000	730	(*)	2,550
TAOS.															
Gold, quartz	1					15	2	13			100,000	15,000	1,025	(*)	40,000
SANTA FÉ.															
Gold, quartz	2					59	20	30		2,008,000	34,500	8,800	(*)	13,200	

THE STATE OF NEW YORK.

BROWN.															
Stone	1					2	2				1,000	275	70	(*)	530
CAYUGA.															
Stone	3	5	1			30	30				14,500	6,850	9,425	(*)	20,000
CHAUTAUQUA.															
Stone	1					2	1		1		200	75	25	(*)	620
CHEMUNG.															
Stone	3					4	4				2,200	60	1,002	(*)	2,650
CLINTON.															
Iron	5	105	4	20	1	276	117	150			230,000	138,547	23,579	24,502	210,347
COLUMBIA.															
Iron ore	1	7	1	4	1	22	7	15			75,000	12,000	12,025	7,000	20,700
Stone	1					51	51				15,000	26,000	2,000	(*)	30,000
DUTCHESS.															
Iron ore	11	531	19	2	1	262	261	1			693,250	124,970	42,345	78,200	353,000
ESSEX.															
Iron ore	6	420	8			915	210	705			1,600,000	513,493	26,100	261,000	792,500
GENESEE.															
Stone	1					25	25				6,000	5,000	120	(*)	10,000
GIRNE.															
Stone	16					57	57				6,115	9,150	2,460	(*)	25,700
HERKIMER.															
Stone	6					26	26				3,700	3,600	631	(*)	10,262
JEFFERSON.															
Iron ore	2	116	2			60	40	20			35,000	16,000	4,440	11,000	38,000
Stone	3					45	45				3,600	10,575	168	(*)	14,300
MONROE.															
Stone	2					12	12				4,750	5,850	125	(*)	6,896
MONTGOMERY.															
Stone	1					8	8				500	2,500	300	(*)	4,750
NIAGARA.															
Stone	2	80	1			132	132				51,500	54,674	1,001	(*)	69,820
ONEIDA.															
Iron ore	2	24	1			50	50				15,000	15,050	350	14,000	42,000

(*) Quantities not specified.

TABLE XV.—THE STATE OF NEW YORK—BY COUNTIES—Continued.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.			
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Tons.	Dollars.		
ONONDAGA.																
Iron ore.	1					50	50				100,000	18,000	8,900	15,000	90,000	
Stone	7					27	27				4,900	3,050	643	(*)	9,430	
ORANGE.																
Iron ore.	5	68	4	80	1	218	84	124	10		255,000	122,566	14,000	38,872	180,900	
Stone	2					15	15				3,025	1,650	508	(*)	8,930	
ORLEANS.																
Stone	9					219	219					157,300	109,400	6,402	(*)	120,405
PUTNAM.																
Iron ore.	3	75	3			165	132	30	3		365,000	70,250	94,216	36,000	176,000	
RENSSELAER.																
Stone	1											1,000	1,000	220	(*)	5,000
RICHMOND.																
Iron ore.	3	25	2			44	32	12			147,000	21,000	1,650	17,500	72,875	
ROCKLAND.																
Stone	1					3	3					2,000	800	100	(*)	1,500
ST. LAWRENCE.																
Iron ore.	1					8	2	6				250	5,000	363	2,142	8,568
SARATOGA.																
Stone	5					97	87					37,000	37,500	4,480	(*)	70,800
SCHUYLER.																
Stone	5					42	42					17,700	7,600	1,475	(*)	16,800
TOMPKINS.																
Stone	2					15	15					2,500	3,800	150	(*)	4,885
ULSTER.																
Stone	321	105	5	10	2	1,630	1,624		15		270,301	566,540	149,461	(*)	1,382,629	
WASHINGTON.																
Iron ore.	2	25	2	12	1	36	14	22			280,000	16,500	2,537	11,000	73,500	
Lead	1					11	11				1,200	2,970	250	(*)	7,500	
Slate	13					235	235				242,000	120,638	8,063	(*)	106,860	
Stone	1					6	6				1,000	800	100	(*)	8,000	
WAYNE.																
Iron ore.	2					97	97					11,000	8,065	674	9,217	13,925
WESTCHESTER.																
Marble	2	50	1			267	267					40,000	186,000	3,800	(*)	922,000

THE STATE OF NORTH CAROLINA.

CATAWBA.						24	24				10,000	3,100	105	(*)	4,200
STONE.	1														
CHEROKEE.	1					10	10				1,600	600	50	(*)	1,950
GHATHAM.															
Copper	1	80	1			105	59	40	6		80,000	40,000	6,275	(*)	96,000
DAVIDSON.															
Gold, quartz.	1										5,000		450	(*)	3,472
Silver, quartz.	1										5,000		615	(*)	4,200
Zinc.	1	60	1			120	60	50	10		1,475,000	57,000	10,376	(*)	435,000
GASTON.															
Gold, quartz.	1					32	7	25			75,000	7,000	2,920	(*)	11,500
GUILFORD.															
Iron ore.	1					10	10				31,000	8,000	150	90	450
LINCOLN.															
Iron ore.	2	10	1			40	10	21			43,000	8,500	1,157	4,500	8,800
MITCHELL.															
Mica.	1					24	24				1,000	5,000	85	(*)	7,000
MECKLENBURG.															
Gold, quartz.	3					95	40	55			113,000	21,120	15,400	(*)	61,500
MONTGOMERY.															
Gold, quartz.	2					15	13	2			8,500	1,400	800	(*)	3,600
RANDOLPH.															
Gold, quartz.	1					7	7				5,000	1,500	125	(*)	630

(*) Quantities not specified.

† These three establishments are one mine producing these three kinds of ore.

TABLE XV.—THE STATE OF OHIO—BY COUNTIES.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Dollars.	Tons.	Dollars.
ADAMS.															
Stone	1	20	1			41	41				12,000	8,000	406	(*)	10,000
ALLEN.	4					25	25				5,500	4,800	170	(*)	7,751
ATHENS.															
Coal, bituminous	11	50	2			356	204	18	44		311,980	160,980	9,936	131,140	200,396
BELMONT.															
Coal, bituminous	21	235	7			204	80	184			402,550	118,585	12,400	123,901	189,580
BUTLER.						6	6				1,200	1,200	15	(*)	3,750
Stone	1														
CARROLL.															
Coal, bituminous	1					2					500	400	600	400	1,600
Iron ore.....	1					10	10				1,000	3,400	600	2,000	16,000
CLARK.															
Stone	6					39	30				25,000	15,500	1,315	(*)	22,600
COLUMBIANA.															
Coal, bituminous	15	110	2			608	108	500			706,830	203,800	20,345	209,677	468,180
Petroleum.....	1	30	3			5	5				5,900	1,800	200	(a) 60,000	6,000
COSHOCHTON.															
Coal, bituminous	9					399	94	283	22		132,450	71,567	14,960	73,026	159,815
CRAWFORD.															
Stone	4					16	16				6,110	1,728	770	(*)	3,307
CUYAHOGA.															
Iron ore.....	1	50	1			175	80	95			386,000	130,000	21,744	65,000	165,000
Stone	33					537	537				320,050	205,996	26,474	(*)	398,776
DELAWARE.															
Stone	1					13	13				1,060	2,476	40	(*)	2,950
ERIE.															
Stone	2					53	53				130,000	30,700	800	(*)	58,000
FAIRFIELD.															
Stone	9					43	43				7,700	8,621	880	(*)	12,700
GEOAUGA.															
Stone	1					10	10				200	3,400	30	(*)	4,000
GREENE.															
Stone	1					14	14				2,000	5,000	400	(*)	7,000
GUERNSEY.															
Coal, bituminous	13	35	1			134	22	110	2		131,100	75,180	6,168	73,389	109,443
HAMILTON.															
Stone	1					4	4				4,700	910	200	(*)	1,600
HANCOCK.															
Stone	1					6	6				800	600	384	(*)	1,845
HARRISON.															
Coal, bituminous	21					79	22	57			26,800	13,345	4,225	16,990	33,890
Stone	1					7	7				500	800	100	(*)	1,600
HIGHLAND.															
Stone	2					7	7				400	1,356	732	(*)	5,500
HOCKING.															
Coal, bituminous	2	65	1			140	15	120	5		325,000	127,500	3,350	75,560	155,700
Iron ore.....	2					12	3	9			2,000	3,000	950	960	4,400
HOLMES.															
Coal, bituminous	5					20	6	23			23,000	10,100	528	10,060	25,098
Stone	1					4	4				5,000	260	580	(*)	1,400
JACKSON.															
Coal, bituminous	20	110	6			245	37	208			142,298	116,737	14,111	74,821	163,096
Iron ore.....	44					580	551	38			96,049	140,397	5,604	64,104	203,457
Stone	12					30	30				3,420	6,921	841	(*)	10,293
JEFFERSON.															
Coal, bituminous	9	194	5			630	112	480	38		347,600	268,800	15,805	206,830	436,637
LAWRENCE.															
Coal, bituminous	3	350	9			165	15	150	90		210,610	90,460	3,425	56,300	112,880
Iron ore.....	12					626	546	60	90		744,050	218,216	5,710	82,653	286,502
LICKING.															
Coal, bituminous	1					1	1				50		20	400	700
Stone	1					2	2				500	300	20	(*)	937
LOGAN.															
Stone	1					4	4				300	300	75	(*)	900
LORAIN.															
Stone	8	40	2			539	539				454,300	185,500	19,325	(*)	311,910

(*) Quantities not specified.

(a) Gallons.

THE STATISTICS OF MINING.

TABLE XV.—THE STATE OF OHIO—BY COUNTIES—Continued.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Mrs. under ground.	Boys above ground.	Boys under ground.			Dollars.	Tons.	
MAHONING.															
Coal, bituminous	16	105	6			300	55	335			158,320	166,968	14,130	108,830	282,220
MARION.															
Stone.....	2					7	7				5,000	950	25	(*)	1,460
MEDINA.															
Coal, bituminous	1	40	1			12	3	9			25,000	4,000	1,550	5,000	20,000
Stone.....	1					2	2				500	300	60	(*)	2,000
MEIGS.															
Coal, bituminous	9	71	3			1,105	144	935	26		330,733	473,861	17,370	268,700	550,706
MIAMI.															
Stone.....	5										18,600	13,600	2,950	(*)	23,450
MONTGOMERY.															
Stone.....	3										9,200	9,075	1,475	(*)	13,100
MORGAN.															
Coal, bituminous	3	70	5			7	12	7			650	445	122	750	1,811
Petroleum.....	5					12	12				7,030	2,328	1,295	(a)150,303	13,188
MORROW.															
Stone.....	4										8,300	1,020	1,016	(*)	3,630
MUSKINGUM.															
Coal, bituminous	26	8	1			192	182	10			111,315	81,334	10,193	67,078	130,047
Stone.....	2					18	18				3,000	8,000	3,794	(*)	19,000
NOBLE.															
Coal, bituminous	7	36	4			14	2	12	1		2,380	1,680	980	2,695	4,800
Petroleum.....	3					7	6		1		4,500	750	534	(a)54,000	7,100
OTTAWA.															
Stone.....	5										127,000	48,600	1,400	(*)	116,800
PEREY.															
Coal, bituminous	2										37,255	800	90	1,350	2,200
PORTAGE.															
Coal, bituminous	1	40	1								10,000	2,500	50	1,500	4,500
PREBLE.															
Stone.....	4										4,400	1,750	730	(*)	3,870
SANDUSKY.															
Stone.....	2										1,000	650	200	(*)	1,900
SCIOTO.															
Iron ore.....	6					350	350				215,000	121,500	41,000	34,500	152,500
Stone.....	6					18	18				46,000	5,100	2,450	(*)	7,550
STARK.															
Coal, bituminous	46	253	8			501	98	403			657,275	100,575	11,150	131,257	302,370
Stone.....	3	12	1			18	18				6,000	2,400	808	(*)	6,000
SUMMIT.															
Coal, bituminous	4	92	3			165	30	135			136,500	84,384	15,358	50,738	162,515
Stone.....	4					7	7				825	190	550	(*)	2,395
TRUMBULL.															
Coal, bituminous	21	1,510	26			1,699	423	1,092	184	4	1,038,955	875,651	64,530	628,270	1,638,507
Iron ore.....	2	31	2			14	10				20,000	6,000	14,500	10,053	25,000
TUSCARAWAS.															
Coal, bituminous	25					270	77	103			470,700	114,200	9,003	110,435	235,095
Iron ore.....	6	30	1			103	103				144,000	57,200	6,900	49,700	83,625
VINTON.															
Coal, bituminous	6	35	1			36	7	29			100,630	7,830	327	6,660	13,164
Iron ore.....	1	50	1			50	50				100,000	21,000	1,000	7,500	22,500
WASHINGTON.															
Coal, bituminous	4	411	24			25	25				1,832	4,440	1,133	3,770	7,557
Petroleum.....	16					45	45				176,400	10,122	11,535	(a)1,774,940	202,200
WAYNE.															
Coal, bituminous	5					54	54				35,200	34,980	1,352	21,050	* 54,575
Stone.....	3					16	16				6,050	2,847	4,700	(*)	10,100

(*) Quantities not specified.

(a) Gallons.

TABLE XV.—THE STATE OF OREGON—BY COUNTIES.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Dollars.	Tons.	
BAKER.															
Gold, hydraulic	14					53	53			62,550	9,400	10,468	(*)	50,606	
placer	21					67	67			26,145	7,171	5,890	(*)	29,300	
quartz	1					15	5	10		15,000	10,530	1,618	(*)	27,259	
COOS.															
Gold, placer	1					10	10			40,000	6,500	315	(*)	11,170	
GRANT.															
Gold, hydraulic	12					67	67			50,600	22,056	705	(*)	63,580	
placer	63					564	564			74,800	13,925	3,364	(*)	178,875	
quartz	2					11	2	9		20,000	2,990	550	(*)	4,900	
JACKSON.															
Gold, placer	44					66	66			26,025	5,437	2,795	(*)	39,405	
UNION.															
Gold, placer	10					27	27			6,400	2,100	4,195	(*)	12,618	

THE STATE OF PENNSYLVANIA.

ADAMS																
Iron ore	2	30	1			17	10	7		4,000	6,000	2,255	2,700	20,000		
ALLEGHENY.																
Coal, anthracite	2					13	6	7		14,500	12,500	482	1,838	14,300		
bituminous	66	560	11			6,086	1,082	4,900	104	6,279,850	3,504,168	187,000	2,635,431	4,910,686		
ARMSTRONG.																
Coal, bituminous	11					312	16	248	48	150,400	165,300	7,075	186,465	213,863		
Iron ore	4					380	355	25		118,000	173,646	6,644	59,857	136,271		
Petroleum	187	2,403	187			384	354			1,149,630	157,425	281,147	a12,543,080	1,496,245		
BEAVER.																
Coal, bituminous	16					83	12	70	1	116,550	27,750	3,111	28,020	52,325		
Petroleum	95	1,330	109			193	193			570,000	29,140	5,356	a1,376,480	173,480		
BEDFORD.																
Coal, bituminous	6					252	21	231		103,600	94,010	4,270	115,200	143,760		
BERKS.																
Copper ore	1					3	3			500	641	18	(*)	801		
Iron ore	26	633	27			502	398	88	16	268,500	145,341	35,972	101,035	379,460		
BLAIR.																
Coal, bituminous	6	30	1			191	29	162	10	150,100	81,500	7,560	161,850	197,220		
Iron ore	3	170	7			223	50	137	28	190,000	98,531	16,914	30,591	150,893		
BRADFORD.																
Coal, bituminous	2	40	2			750	750			550,000	500,000	44,600	350,000	870,000		
BUCKS.																
Stone	7					45	45			25,300	13,400	2,349	(*)	22,955		
BUTLER.																
Coal, bituminous	46					149	6	143		78,575	57,307	10,403	63,118	114,110		
Petroleum	1	12	1			2	2			6,000	1,600	830	a54,600	5,200		
CAMBRIA.																
Coal, bituminous	3	55	1			527	56	471		161,500	287,887	4,380	94,298	307,057		
Iron ore	1	20	1			521	52	409		250,000	340,762	8,476	104,598	307,623		
Stone	3					22	22			5,325	7,523	3,190	(*)	19,103		
CARBON.																
Coal, anthracite	4	1,785	15			1,214	565	425	44	1,510,000	593,334	113,750	403,384	1,001,210		
CENTRE.																
Coal, bituminous	7					302	39	233	10	626,100	145,978	21,800	184,456	217,634		
Iron ore	1					4	4			690	1,150	400	1,800			
CHESTER.																
Iron ore	12	134	9			116	116			198,400	43,320	12,626	33,100	131,500		
Marble	1	80	1			28	28			75,000	12,000	2,650	(*)	27,000		
Stone	7	6	1			38	38			24,730	14,330	4,308	(*)	26,500		
CLARION.																
Coal, bituminous	9					103	6	97		85,151	41,370	6,775	55,540	69,738		
Iron ore	2					105		105		18,765	38,000	3,015	17,000	48,000		
Petroleum	5	58	4			11	11			26,000	3,785	710	a318,900	21,575		
Stone	1					5	5			1,000	2,652	154	(*)	2,970		
CLEARFIELD.																
Coal, bituminous	11					279	21	251	7	360,800	147,903	23,136	181,232	248,151		
COLUMBIA.																
Coal, anthracite	8	1,635	33			2,303	735	1,215	353	940,000	771,958	251,232	400,876	1,272,500		
Iron ore	1	60	2			116	6	110		50,000	83,000	4,538	20,800	104,010		
Stone	2					35	35			27,500	17,000	2,400	(*)	43,200		
CUMBERLAND.																
Iron ore	7	165	7			123	123			44,500	40,430	9,353	17,700	50,300		

(*) Quantities not specified.

(a) Gallons.

TABLE XV.—THE STATE OF PENNSYLVANIA—BY COUNTIES—Continued.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.				
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Dollars.	Tons.			
DAUPHIN.						1,732	416	1,164	62	90	3,855,000	571,934	70,035	411,355	983,265		
Coal, anthracite	5	1,140	31			42	20				11,950	16,500	11,200	13,000	63,750		
Iron ore	2	58	3			52	52				23,600	18,480	7,131	(*)	36,003		
Stone	14																
DELAWARE.						55	55										
Stone	4																
ELK.						142	113										
Coal, bituminous	2																
ERIE.																	
Stone	3	5	1				16	16				1,200	4,549	338	(*)	6,600	
FAYETTE.																	
Coal, bituminous	23	60	4				477	172	305	1		669,764	267,331	4,842	453,580	831,553	
Stone	5						40	39				8,600	16,445	3,528	(*)	34,475	
FRANKLIN.																	
Stone	1						6	6					150	1,000	500	(*)	2,000
FOREST.																	
Petroleum	9	112	10				21	21					39,800	5,004	2,147	2974,520	88,430
GREENE.																	
Petroleum	2	28	2				4	4					4,000	400	1,398	663,000	8,875
HUNTINGDON.																	
Coal, bituminous	7						334	139	195				251,775	175,014	18,220	163,693	241,053
Iron ore	16						107	33	74				61,550	33,617	4,857	25,823	63,065
INDIANA.																	
Coal, bituminous	23						108	45	60		3		132,900	25,510	5,140	38,082	66,026
JEFFERSON.																	
Coal, bituminous	3							8					2,125	1,549	178	3,092	3,092
LANCASTER.																	
Iron ore	17	845	28	5	1		864	702	46	26			638,000	321,871	35,234	145,321	545,501
Nickel	1	130	2				48	26	22				60,000	6,400	1,800	(*)	24,600
Stone	4						43	43					8,800	12,150	1,292	(*)	31,333
LAWRENCE.																	
Coal, bituminous	11	90	2				245	48	197				289,050	190,335	10,077	120,810	281,511
Stone	3						66	66					22,000	43,200	850	(*)	58,000
LEBANON.																	
Copper	1							4	4				30,000	2,000	2,000	(*)	7,000
Iron ore	7	160	7				176	151	25				1,098,600	71,411	137,532	170,830	460,406
Stone	6						26	26					3,325	7,480	1,390	(*)	15,250
LEHIGH.																	
Iron ore	23	410	24				383	204	140	22	17		223,447	118,270	25,804	96,297	384,168
Stone	12						95	94		1			28,700	30,530	4,876	(*)	50,995
LUZERNE.																	
Coal, anthracite	90	24,040	437	330	6		23,010	7,772	16,580	1,670	1,985		13,269,206	1,783,324	9,510,298	22,325,591	
LYCOMING.																	
Coal, bituminous	1							30	10	20			185,000	2,200	700	3,000	4,000
Iron ore	1							4	4				1,000	1,000	75	800	2,000
MCKEAN.																	
Coal, bituminous	1	60	1					60	20	40			40,000	36,000	2,330	21,053	54,882
MERCER.																	
Coal, bituminous	34	814	37				1,994	253	1,732		4		1,712,32	1,130,827	170,457	650,875	1,860,071
Stone	5						17	17					5,320	5,503	2,253	(*)	13,400
MIFFLIN.																	
Iron ore	11	55	3	25	1		218	95	123				97,200	73,335	6,014	35,350	122,000
MONROE.																	
Stone	1							2	2				500	265	185	(*)	500
MONTGOMERY.																	
Iron ore	19	100	9				227	124	103				75,900	90,933	90,702	52,170	156,736
Marble	5	62	4				53	59					151,000	27,320	3,560	(*)	74,600
Stone	13						203	203					89,075	90,938	22,613	(*)	134,927
MONTOUR.																	
Coal, anthracite	2	90	3				126	21	78	3	24		115,000	72,164	14,529	52,180	102,336
Iron ore	6	473	11				307	80	213	3	11		171,539	176,573	18,540	63,523	314,085
Stone	2						62	62					22,000	23,850	2,001	(*)	82,923
NORTHAMPTON.																	
Iron ore	7	164	4				101	39	62				36,600	43,380	16,375	20,000	105,458
Slate	21	237	9	42	6		597	563		1			1,243,339	230,647	60,347	(*)	493,139
Stone	7	60	1	8	1		103	103					132,000	38,040	5,428	(*)	60,874
Zinc	1	670	12				400	160	160	40			400,000	167,781	25,823	(*)	333,555
NORTHSUMBERLAND.																	
Coal, anthracite	27	1,078	48				3,630	1,142	2,010	627	60		2,193,000	1,652,053	183,827	1,001,200	2,448,500
Iron ore	1						10	2	8				1,000	2,000	1,000	1,000	4,200
Stone	7						27	27					37,000	1,020	1,020	(*)	11,571

(*) Quantities not specified.

(a) Gallons.

THE STATISTICS OF MINING.

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TABLE XV.—THE STATE OF PENNSYLVANIA—BY COUNTIES—Continued.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.			
		Horse power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Tons.	Dollars.		
PERRY.																
Iron ore.	6	30	1			68	38	29	1		7,215	23,720	2,298	17,520	66,003	
PHILADELPHIA.																
Stone.	3	22	3			92	92					190,000	46,000	7,000	(*)	134,000
PIKE.																
Stone.	1					9	9					3,000	1,600	150	(*)	3,800
SCHUYLKILL.																
Coal, anthracite.	91	18,106	272	1	1	15,778	3,187	8,611	3,004	686	17,151,985	6,030,774	1,170,261	3,800,144	10,539,043	
SOMERSET.																
Coal, bituminous.	11					25	3	22				3,885	3,605	1,024	6,510	10,701
TIOGA.																
Coal, bituminous.	3	30	2			1,693	308	1,373				1,000,000	650,000	6,100	733,502	1,114,689
VENANGO.																
Coal, bituminous.	11					198	11	97				131,100	51,020	1,071	36,220	98,450
Petroleum.	1,668	15,113	1,602			3,065	3,065					5,974,123	3,382,481	931,041	141,520,670	14,628,927
WARREN.																
Coal, bituminous.	1					370	370	2				3,000	203	203	200	1,000
Petroleum.	181	1,878	181									1,470,730	217,093	70,548	14,350,373	1,423,935
WASHINGTON.																
Coal, bituminous.	27	61	5			1,042	129	790		193		1,298,118	489,880	34,395	510,077	606,080
Stone.	1						6	6				150		265	(*)	1,000
WESTMORELAND.																
Coal, bituminous.	19	101	3			1,559	187	1,307		5		2,209,350	770,000	21,734	755,400	1,127,400
Stone.	1						12	12				2,000	4,000	480	(*)	5,000
YORK.																
Iron ore.	11	273	19			272	203	66		1		160,000	102,207	17,090	50,963	126,530
Slates.	7					145	145					256,000	85,600	10,963	(*)	123,100
Stone.	8					37	37					8,300	10,703	1,121	(*)	17,075

THE STATE OF RHODE ISLAND.

NEWPORT.	2	140	2			73	28	42	5		80,000	33,000	4,100	14,000	59,060
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THE STATE OF SOUTH CAROLINA.

CHESTERFIELD.															
Gold, quartz.	1					25	7	10			23,000	10,000	1,650	(*)	2,000
KENSHAW.							8	1	1						
Gold, quartz.	1										4,000	800	50	(*)	888
LANCASTER.							9	1	4						
Gold, quartz.	1										45,000	1,000	45	(*)	1,500
RICHLAND.															
Stone.	1					193	18				60,000	2,500	1,500	(*)	19,500
YORK.															
Gold, quartz.	1						10	10			5,000	3,000	1,000	(*)	3,000

THE STATE OF TENNESSEE.

ANDERSON.															
Coal, bituminous.	2					58	11	47			33,184	34,033	745	22,250	47,836
CAMPBELL.															
Coal, bituminous.	1					20	9	13			5,000	15,000	4,500	16,000	40,000
GULES.							12	12							
Stone.	3										45	2,000	327	(*)	3,000
GREENE.															
Iron ore.	2					44	6	33			4,000	7,500	603	6,000	48,000
GRUNDY.															
Coal, bituminous.	1					140	120	20			100,000	60,000	3,273	35,714	60,275

(*) Quantities not specified.

(a) Gallons.

TABLE XV.—THE STATE OF TENNESSEE—BY COUNTIES—Continued.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.	
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Tons.	Dollars.
HAMILTON.						6	6			20,600	950	1,018	11,000	25,000
Coal, bituminous	2													
MARION.														
Coal, bituminous	4	51	2			165	57	108		127,000	82,000	3,407	36,529	112,587
MONTGOMERY.														
Iron ore	1					50	50			5,000	12,000		5,500	15,300
POLK.														
Copper	2	120	2	70	3	620	300	232	88	550,000	133,000	1,920	(*)	310,000
ROANE.														
Coal, bituminous	1					30		30		20,000	4,800	3,000	11,425	45,800
Iron ore	1					40	40			21,000	10,000	625	7,384	30,000
STEWART.														
Iron ore	2					54	51		3	51,000	27,000	2,000	12,035	37,805

THE STATE OF TEXAS.

TRAVIS.															
Stone	1					2	2			150	750		(*)	900	

THE TERRITORY OF UTAH.

SAN PETE.															
Coal, bituminous	1					5		5		800	300	45	300	1,200	
SUMMIT.															
Coal, bituminous	5	15	1			20	5	15		44,000	2,250	5,040	5,500	13,750	

THE STATE OF VERMONT.

ADDISON.															
Marble	1	28	3			25	25			15,000	15,000	5,000	(*)	25,000	
BENNINGTON.															
Ochre	4					12	12			10,500	5,600	1,980	(*)	15,000	
Marble	1	12	1	70	4	8	8			20,000	5,000	7,100	(*)	15,000	
GRAND ISLE.															
Stone	1					10	10			10,000	1,400	605	(*)	8,000	
ORANGE.															
Copper	2	50	1			353	155	155	45	1,000,000	128,403	10,450	(*)	358,845	
Peat	1	25	1			27	27			10,000	5,000		(*)	6,000	
RUTLAND.															
Marble	5	30	6	225	6	134	134			765,000	50,500	4,960	(*)	90,800	
Slate	30	111	10			366	339		27	477,000	177,148	18,564	(*)	272,640	
WASHINGTON.															
Slate	5			50	1	106	106			160,000	50,386	6,835	(*)	60,125	
WINDHAM.															
Slate	3					40	40			11,700	25,500	1,100	(*)	29,000	
WINDSOR.															
Iron ore	1					60	50	10		3,500	12,000	1,475	5,000	25,000	

THE STATE OF VIRGINIA.

AUGUSTA.															
Iron ore	3					44	36	8		11,000	9,250	1,760	11,950	23,000	
BUCKINGHAM.															
Gold	1	20	1	30	2	20	5	15		25,000	3,000	500	(*)	30,000	
Slate	11	25	2	30	2	123	123			57,000	27,100	2,465	(*)	42,800	
CHESTERFIELD.															
Coal, bituminous	3	1,245	13			610	235	375		701,200	158,906	19,502	57,125	211,914	

(*) Quantities not specified.

THE STATISTICS OF MINING.

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TABLE XV.—THE STATE OF VIRGINIA—BY COUNTIES—Continued.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Tons.	Dollars.	
FLUVANNA.															
Stone	1					6	6				500	4,600	460	(*)	51,000
MENRICO.															
Coal, bituminous	1	40	1			11	9	2			72,000	6,000	300	3,000	7,500
LOUISA.															
Copper	1	40	1			12	8		4		100,000	6,000	900	(*)	8,000
MONTGOMERY.															
Coal, bituminous	1					6	6				1,000	314		250	700
PRINCE EDWARD.															
Coal, bituminous	1	12	1			15	5	10			5,000	2,900	450	1,428	6,000
PULASKI.															
Lead	1					8	6	2			300	2,000	100	(*)	3,000
STAFFORD.															
Gold	1	95	1			95	95				50,000	10,000		(*)	1,000
WYTHE.															
Lead	1					34	15	10			65,000	15,000	3,000	(*)	20,000
Zinc	1					13	5	6	2		25,000	3,000	1,550	(*)	5,000

THE STATE OF WEST VIRGINIA.

BOONE.															
Coal, bituminous	1					90		80		10	500,000	80,000	5,140	40,000	100,000
BROOKE.															
Coal, bituminous	4					48	36	10		2	5,100	18,325	1,837	15,120	24,110
HANCOCK.															
Coal, bituminous	2					4	4				200	1,300	140	1,620	1,820
Stone	1					1	1				100		100	(*)	800
HARRISON.															
Coal, bituminous	4	8	1			205	177		28		306,000	76,100	5,480	110,100	150,300
JEFFERSON.															
Stone	2					16	16				4,500	6,000	430	(*)	23,750
KANAWHA.															
Coal, bituminous	11	41	9			305		262		43	80,200	166,000	5,583	168,800	286,375
MARION.															
Coal, bituminous	1					83	16	56		11	30,000	37,000	10,280	40,000	100,000
MINERAL.															
Coal, bituminous	2	40	2			188	113	75			910,000	96,400	7,650	95,300	141,800
MONONGALIA.															
Coal, bituminous	2					3		3			1,200	700	200	2,400	2,400
OHIO.															
Coal, bituminous	5					29	9	20			15,500	15,810	2,643	15,230	28,930
PLEASANTS.															
Petroleum	14	218	14			41	41				9,380	10,900	1,950	(a) 480,000	46,400
PRESTON.															
Coal, bituminous	2	48	2			143	50	90		3	163,000	98,500	5,500	88,000	140,000
RITCHIE.															
Asphaltum	1	50	2			23	6	17			514,286	20,000	26,773	30,000	450,000
Coal, bituminous	5	40	3			38	9	20			122,500	38,781	3,877	38,704	59,662
Petroleum	14	581	40			74	74				924,214	46,504	29,161	(a) 2,810,500	421,575
TAYLOR.															
Coal, bituminous	2					4		4			1,100	460	225	1,604	1,075
WIRT.															
Petroleum	66	805	65			140	140				972,710	49,733	36,163	(a) 3,192,840	331,144
WOOD.															
Petroleum	46	368	46			92	92				34,500	60,000	27,600	(a) 1,530,000	230,000

THE TERRITORY OF WASHINGTON.

STEVENS.															
Gold, placer	2					10	10				7,200	200	105	(*)	2,000
WHATCOM.															
Coal, bituminous	1	80	2			80	20	60			300,000	70,860	13,394	17,844	107,064

(*) Quantities not specified.

(a) Gallons.

THE STATISTICS OF MINING.

TABLE XV.—THE STATE OF WISCONSIN—BY COUNTIES.

MINERALS.	Establishments.	STEAM-ENGINES.		WATER-WHEELS.		HANDS EMPLOYED.				CAPITAL.	WAGES.	MATERIALS.	PRODUCTS.		
		Horse-power.	Number.	Horse-power.	Number.	All.	Men above ground.	Men under ground.	Boys above ground.	Boys under ground.			Tons.	Dollars.	
BROWN.															
Stone.....	3					20	20				4,400	5,140	573	(*)	7,220
BUFFALO.															
Stone.....	1					40	40				2,400	5,500	478	(*)	9,000
DODGE.															
Iron ore.....	1					75	75				300,000	18,595		20,000	23,000
EAU CLAIRE.															
Stone.....	1					2	2				1,000	540	50	(*)	1,000
FOND DU LAC.															
Stone.....	3					10	10				3,800	1,800	60	(*)	3,150
GRANT.															
Lead.....	5	50	1			87	20	55			70,620	36,650	3,988	(*)	93,340
IOWA.															
Lead.....	14	10	1			153	44	100			224,191	66,992	4,130	(*)	100,309
Zinc.....	6	10	1			24	4	20			8,942	7,834	1,572	(*)	13,040
JEFFERSON.															
Stone.....	2					5	5				2,600	660	62	(*)	1,215
LA FAYETTE.															
Lead.....	26	15	1	20	1	167	60	167			47,050	56,840	10,460	(*)	175,418
Zinc.....	4					3	3				1,000	200	50	(*)	1,300
MILWAUKEE.															
Stone.....	2	20	2			30	30				24,000	12,900	14,000	(*)	44,000
MONROE.															
Stone.....	1					2	2				25		25	(*)	600
RACINE.															
Peat.....	1	10	1			8	7		1		1,000	250	50	(*)	750
ROCK.															
Stone.....	1					21	21				20,000	5,760	800	(*)	18,000
SHEBOYGAN.															
Stone.....	4					9	9				2,800	1,520	705	(*)	3,840
TREMPEALEAU.															
Stone.....	1					2	2				700	650	20	(*)	1,500
WAUKESHA.															
Stone.....	4					34	34				23,200	12,150	950	(*)	17,400

THE TERRITORY OF WYOMING.

CARBON.															
Coal, bituminous.....	1	20	1			165	70	80		15	250,000	225,000	48,000	.50,000	800,000
SWETZWATER.															
Gold, quartz.....	2					27	6	21			11,000	27,800	1,254	(*)	50,000

(*) Quantities not specified.

T A B L E X V I .

THE STATISTICS OF THE FISHERIES,

(EXCLUSIVE OF THE WHALE FISHERY,) .

BY STATES AND TERRITORIES,

AT THE CENSUS OF 1870.

NOTE.—All that the Superintendent deems it desirable to say of the inadequacy of the Census Statistics of the Fisheries, will be found on page 383 of the present volume.

THE STATISTICS OF FISHERIES.

TABLE XVI.—THE UNITED STATES—1870.

STATES AND TERRITORIES.	Establishments.	HANDS EMPLOYED.			Capital.	Wages.	Materials.	
		Total.	Males above 16.	Females above 15.	Youth.			
The United States	2,140	20,504	19,970	324	210	7,460,575	3,449,331	1,642,276
1 Alabama	1	2	2	.....	.....	500	150	200
2 Arkansas	1	3	3	.....	.....	300	440	1,000
3 California	87	198	104	.....	4	30,790	6,800	30,200
4 Connecticut	✓ 167	1,030	1,001	.....	29	380,775	148,433	32,217
5 Delaware	9	46	46	.....	.....	5,600	1,540	.....
6 Florida	43	150	149	.....	1	75,000	23,040	26,930
7 Georgia	1	3	3	.....	.....	750	500	.....
8 Illinois	14	42	40	2	.....	5,500	4,340	1,400
9 Indiana	2	8	5	3	.....	4,150	200	450
10 Iowa	1	3	2	1	.....	500	.....	500
11 Kansas	2	4	4	.....	.....	196	20	10
12 Kentucky	6	13	13	.....	.....	2,300	400	325
13 Louisiana	4	16	12	.....	4	800	3,400	403
14 Maine	237	2,461	2,441	4	16	891,798	330,942	216,928
15 Maryland	157	783	769	12	2	118,729	52,667	3,085
16 Massachusetts	237	8,993	8,953	.....	40	4,287,871	2,201,370	1,001,891
17 Michigan	942	1,159	1,122	27	10	363,957	137,324	101,008
18 Missouri	2	4	3	.....	1	180	.....	.....
19 New Jersey	204	947	935	.....	12	931,231	80,541	1,387
20 New York	338	755	751	2	2	135,875	35,824	21,483
21 North Carolina	42	1,606	1,276	265	65	211,100	89,748	40,041
22 Ohio	106	565	565	.....	.....	262,000	71,762	14,512
23 Oregon	18	87	87	.....	.....	27,940	18,956	27,068
24 Pennsylvania	34	109	100	.....	.....	24,048	14,112	550
25 Rhode Island	35	927	920	.....	7	67,500	10,244	17,369
26 Tennessee	1	8	8	.....	.....	2,000	1,440	.....
27 Utah	1	3	3	.....	.....	350	550	.....
28 Virginia	26	606	603	3	.....	54,812	30,927	9,804
29 Washington	17	234	218	4	12	165,565	27,520	46,166
30 Wisconsin	105	379	373	1	5	117,458	58,142	47,280

NOTE.—This table does not include the Whale Fishery.

THE STATISTICS OF FISHERIES.

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TABLE XVI.—THE UNITED STATES—1870.

		PRODUCTS.																		
Bass, sea.	Cod.	Haddock.	Hake.	Halibut.	Herring.	Mackerel.	Miscellaneous fish.	Mullet.	Oysters.	Pickeral.	Salmon.	Salmon, canned.	Shad.	White-fish.	White-fish.	Oil, fish.	Oil.	Miscellaneous fish.	All products.	
Bbls.	Qts.	Qts.	Qts.	Tons.	Bbls.	Bbls.	Dollars.	Bbls.	Bush.	Bbls.	Bbls.	Pounds.	M.	Bbls.	M.	Galls.	Dollars.	Bbls.	Dollars.	
1,135	559,982	2,475	10,955	2,451	31,910	221,003	1,208,778	5,403	647,312	3,216	24,118	1,810,000	2,617	69,561	25,700	766,930	596,359	132,718	11,096,522	
							1,200												1,200	
							2,200												2,200	
							3,500												3	
1,050	28,484			800		535	10,018							335		25,700	420,820	250,644	512,150,260	
				600										20					4	
60				23			74,486	1,343						38					7,350	
							17,405												8	
							1,800												1,800	
25																	100	125	175	1,200
							1,840												1,840	
							3,430												4,330	
							9,093												9,093	
79,373	2,475	10,955		2,653	31,901	75,334										40,011	32,000	7,957	970,610	
				332		21,225		210,930						90					190	
451,125			1,651		188,567	486,506								13		305,049	302,700		6,215,325	
			2,163						2,787						47,436		200	150	14,268	507,576
							1,100												1,100	
							1,054		152,350					406					374,912	
							1,460		193,950					299					335,750	
							18,550		393,3995					732					265,839	
							1,310		291,621					12,030					383,121	
										5,255									54,753	
							9,750							409					38,114	
							9,440		12,082							600	300	97,568	124,505	
										3,000									3,000	
										125							150	350	50	1,650
										77,682		8,000			125					87,482
1,000										70,000		2,143	1,810,000							980,746
														10,035					8,505	
																			214,190	
																			30	

THE MAJOR TABLES OF OCCUPATIONS,

BEING A REPRODUCTION OF

TABLES XXVI, XXVII (A), XXVIII, AND XXIX, OF VOLUME I.

REMARKS ON THE TABLES OF OCCUPATIONS.

The Tables of Occupations which follow are identical with Tables Nos. XXVI to XXIX of the volume on Population, except that Table XXVII (B) of that volume is here omitted. These tables have been reproduced from the consideration that they bear an equally intimate relation to the industrial as to the social capacity and conditions of the people.

THE SCOPE OF THESE TABLES.

The following tables embrace gainful and reputable occupations only. While expressing the employments of more than twelve millions and a half of persons, they do not seek to account for the larger number of those within the same periods of life who have no recognized occupation for which they receive compensation in the shape of wages or salary, or from which they derive products of a merchantable character. All persons, moreover, whose means of livelihood are criminal, or, in the general judgment of mankind, shameful, are excluded.

The reason for excluding gamblers, prostitutes, keepers of brothels, and such persons from the Tables of Occupations, has not been found in any sensitiveness at the mention or recognition of these classes as actually existing in the community, but in the consideration that, from the necessity of the case, the numbers thus reported must be wholly inadequate to the fact, and that a seeming count of them in the census would have the effect to mislead rather than to instruct. Here and there, at the enumeration of the Ninth Census, such persons had the assurance to report themselves by their true designations, or assistant marshals took the responsibility (and in some cases the risk) of writing down the real occupation of members of these classes who had sought to misstate their avocations, or to disguise them under ambiguous terms; but an analysis of the schedules soon made it evident that this had not been done, as indeed was not to be expected, with such uniformity as to secure even approximately correct results. All such titles were therefore dropped. Some, from these classes, may have taken refuge, through false statements, in one or another of the occupations of good repute (notably keepers of brothels as "boarding-house keepers," a euphemism familiar to the compilers of city directories,) but, as a general rule, where the calling was not correctly given, it was wholly withheld; and it may therefore be assumed that substantially the whole body of persons pursuing disreputable and criminal occupations are omitted from these tables. There are no means known to the Superintendent for accurately calculating the number thus excluded or excluding themselves.

The number of those who are not accounted for exceeds, as a matter of course, in a majority of States, the number of those who are returned as pursuing gainful occupations.

The following table exhibits the number of persons in each of the six recognized divisions of the tables, according to age and sex, in comparison with the number of living inhabitants of each such class:

Aggregate.		Total.		10 to 15.		16 to 50.		60 and over.		
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	
		28,288,945	14,258,866	13,070,079	2,840,200	2,704,169	10,429,150	10,257,645	989,516	948,265
Number of living inhabitants, (10 years and over)		12,505,923	10,669,635	1,836,268	548,064	101,100	9,486,734	1,594,783	634,837	50,405
Difference.....		15,723,022	3,589,231	12,133,791	2,292,136	2,573,069	942,416	8,662,862	354,679	897,860

It will be observed that while the aggregate number of persons in the United States above the age of 10 is 28,288,945, only 12,505,923 are accounted for in the Tables of Occupations. An examination of the several classes

into which this aggregate is divided shows that the omissions are mainly among females, and children below the age of 16 years.

The adult males of the country are as fully accounted for as could be expected. Of 10,429,150 between the ages of 16 and 59 inclusive, 9,486,734 are assigned gainful occupations; while of 989,516 above the age of 60, 634,837 are accounted for. The difference in the former period (*i. e.*, 16 to 59) is substantially made up, first, by the number of students pursuing courses of instruction beyond the age of 16; second, by the number of persons afflicted with permanent bodily or mental infirmities disqualifying them from participating in the industry of the country; third, by the numbers of the criminal and pauper classes. The number of men of this period of life, not disabled, who are not returned as of some specific occupation, by reason of inherited wealth, or of having retired from business, is hardly important enough to be mentioned here. The difference in the latter period (*i. e.*, from 60 upwards) is accounted for by the numbers of persons respectively of the second and third classes just mentioned, and by the, perhaps, larger number of persons retired from active pursuits by reason of an acquired competence, of support secured from grown children, or of advanced age.

Turning to the table of the occupations of females, an analysis of the numbers reported as of specified occupations in the three several periods of life, shows a curious, though probably not significant, rate of progression. In the first period, the females pursuing gainful occupations are to the males as one to three; in the second period as one to six; in the third period as one to twelve.

It would not seem to be difficult to account for the females of each class who are not represented in the Tables of Occupations. The number of female children attending school during the census year, as obtained by the canvass of families (see Remarks on School Attendance, page 448 of volume I.) was 3,180,313. Assuming, as it is probably fair to do, that two-fifths of the female children under 16 who are reported as pursuing gainful occupations, are also embraced in this total of school attendance,* and on the other hand estimating the number of female children of this period of life, belonging to the pauper, vagrant, or criminal class, at 100,000, we shall have something like 500,000 school attendants among the females of the second period of life. Subtracting this from the total number of females between 16 and 59, we shall have in round numbers 9,750,000 persons, of whom only 1,594,783 appear in the Tables of Occupations, leaving, say, 8,150,000 to be accounted for.

As the considerations remaining to be adduced apply equally to females of the third period of life, we may now add their number to the total already obtained, making the aggregate of females above 16 unaccounted for in the neighborhood of 9,100,000.

It would at first appear that a clear deduction should be made of one person on account of each family returned in the census, in all, 7,579,863. This number must be reduced, however, to the extent to which females, the heads of families, and doing all the housekeeping that is done for their families, are also returned as of specific occupations.

No one familiar with factory-towns will doubt that this reduction should be considerable; yet we shall probably reach the truth of the case substantially if we cut down the number to be considered as accounted for as "keeping house" to 7,400,000.† This latter number, then, is to be subtracted from the aggregate, 9,100,000, leaving 1,700,000 as approximately the number of females above 16 who are not accounted for as attending school or as keeping house for their families.

Reason will be shown later in these remarks for believing that females, both women and girls, to the number, probably, of one or two hundred thousand, (it is impossible to reach any assurance in respect to the extent of these omissions,) who do actually take part, more or less, in the (paid) industry of the country, are not embraced in the Tables of Occupations. This further deduction, therefore, has to be made. Taking the mean of the two numbers just indicated, and subtracting it from the number 1,700,000, we shall have 1,550,000 as the remainder, being the number of females above 16 years of age not participating in gainful occupations, nor yet attending school or keeping house.

In the absence of data for calculation and even of reasonable grounds for conjecture, the Superintendent will not

* The number of female children embraced in the Tables of Occupations has just been shown to be 191,100. Of these, 73,177 were engaged in agriculture, 1,116 in trade and transportation, 25,664 in manufactures and mining, and 91,143 in personal services, 86,905 of the latter being employed as domestic servants. It is probably within bounds to assume that two-fifths of these were afforded facilities for attending school during some portion of the year.

† It must be remembered that this reduction is upon a total of only 1,645,188, the number of females of 16 years and upward appearing in the Tables of Occupations. Of this number, 323,791 are engaged in agriculture, 17,582 in trade and transportation, 328,286 in manufactures and mining, and 975,529 in rendering personal and professional services. An examination of the numbers reported under each specified occupation will lead to the conclusion that many employments, and these quite the most important, furnish practically no cases whatever of such union of family-housekeeping with paid service elsewhere. The number allowed on account of such duplication, 179,363, appears, from a particular even more than from a general view, to be ample.

attempt to distribute this total among the elements of which it is composed. Whoever will consider the numerous and various classes which appear here, grown daughters living at home, widowed mothers supported by their children, ladies living upon the income of accumulated property, as well as women of the pauper, vagrant, and criminal classes, will be surprised that this number is as small as it is, rather than that it is so large.

DISTRIBUTION BY AGES.

In order to enable such comparisons as the above to be readily made between the total number of inhabitants (male and female) in each period of life, and the number of persons engaged in any or all gainful occupations within that period, certain of the following tables are introduced by statements of the number of males and females of ages, respectively, 10 to 15, 16 to 59, and 60 years and upwards. It needs to be said that, while the class 60 and upwards was obtained by actual count, and while the sum of the two classes 10 to 15 and 16 to 59 was obtained in the same way, the distribution of this total between the two classes has been effected in a degree by calculation and not by count, for the reason that in the compilation of age and sex the "break" occurred at another place, namely, between the years 14 and 15, and not, as chances to be required for the present purpose, between the years 15 and 16. In order, therefore, to the comparison above indicated, the number of persons of each sex who had reached the age of 15 at the date of enumeration, but were still under 16, has been carefully calculated, and the result added to the number known to be from 10 to 14, to make up the class 10 to 15.

THE CLASSIFICATION ADOPTED.

The plan pursued in the compilation of these tables has been to refer every specification of occupation to some grand division of industry; and within each of such grand divisions to constitute as many distinct subdivisions as the nature of the material furnished by the enumerators would allow to be formed with a reasonable approach to completeness, subject, however, to certain conditions which will be presented in the further course of these remarks.

The Superintendent is familiar with the reasons which have induced many European statisticians to abandon the grouping of occupations according to such assumed grand divisions of industry as Agriculture, Manufactures, Trade, &c., and to resort instead to a system of expressing the employments of the people through a large number of minute and precise specifications, susceptible of being combined and recombined successively, according to different ideas or theories of classification; but he is convinced that the conditions and limitations of industrial statistics, at least within the United States, will not allow of such nicety in the treatment of material, and, moreover, that the highest purposes and the largest uses of such statistics require something closely approaching the plan of treatment adopted in the following tables.

The Superintendent is ready to admit the theoretical inferiority of the somewhat "rough-and-ready" classification he has adopted to the scientific precision of the British system; but it is decisive of the question, in his mind, that he has never known the census statistics of occupations resorted to, either in congressional debates or in newspaper or magazine discussions, for any purpose which would not be practically answered by the following tables.

It is perhaps not necessary to pursue the subject, but it may be interesting to note two things in this connection.

First. That the subdivision of labor and the organization of industry in the United States really correspond rather to the classification of occupations adopted in these tables than to the nicer distinctions of the foreign statisticians. Indeed, instead of throwing away valuable discriminations, the difficulty is so to treat the returns as reasonably to fill the classes here given. Whoever will consider the almost utter want of apprenticeship in this country, the facility with which pursuits are taken up and abandoned, and the variety, and, indeed, seeming incongruity of the numerous industrial offices that are frequently united in one person, will appreciate the force of this argument. For example, the distinctions in the profession of the law, which are known and recognized decisively in England and on the Continent, are not maintained in this country except in a few great cities, and there only in exceptional cases. The same person with us is law-scrivener, collector of debts, prosecutor of claims, counselor, attorney, possibly, also, judge. Again, the organization of domestic service in the United States is so crude that no distinction whatever can be successfully maintained. A census of occupations, in which the attempt should be made to reach anything like European completeness in this matter, would result in the return of tens of thousands of "housekeepers" and hundreds of thousands of "cooks," who were simply "maids of all work," being the single servants of the families in which they were employed. Again, the British distinction between the merchant and

the shop-keeper is impossible in this country. If anything whatever could be predicated of the two classes in this respect, it would be that the smaller dealers cling more pertinaciously to the larger title. Still, again, the British "farmer" is wholly unknown with us. The American farmer is, at least in nine hundred and ninety-five cases out of a thousand, the owner of the land he cultivates.

Second. That it is not deemed practicable, in the United States, to secure that the average enumerator shall, in the course of a canvass necessarily hurried, fill two or three thousand subdivisions with appropriate entries without much loss and confusion. As assistant marshals are appointed under the American system, nice discriminations in respect to industrial relations can hardly be maintained in a sufficient proportion of cases to give value to the aggregate results. Of course, accuracy of *definition* is of no value if the *content* be inadequate. It may even be doubted whether the enumerators of any country are capable of carrying out thoroughly any body of instructions respecting the return of occupations, which require more than the plain and simple characterization of each man's employment in the common phrase of the working people themselves. Certainly, it is not to be thought of in the United States.

The employments reported in the census have been, for the purposes of this publication, brought under four general titles, viz, Agriculture, Manufactures and Mining, Trade and Transportation, Personal and Professional Services, the latter having somewhat of a residual relation to the others, and yet in the main a substantial character, and with limits not hard to define.

The reason for making a common title for Trade and Transportation must be sufficiently evident without explanation.

Mining, which stands in idea between agriculture and manufactures, in that, like agriculture, it obtains the raw material of subsequent industrial processes, while, like manufactures, its agencies and forces are chiefly mechanical, not chemical, has, for convenience mainly, been assigned to the group of Manufactures.

A still stronger consideration of convenience, though with somewhat less clear considerations of propriety, induced the Superintendent to place the fishing industry in the category of Manufactures. The number of persons engaged in the fisheries will always and inevitably be below the fact, for the reasons, first, that this industry is usually pursued for a season only, while, for the remainder of the year, the fisherman follows some other gainful avocation under which he will preferably be reported;* second, that no inconsiderable proportion of the persons actually engaged on the water in this pursuit, at the time of the enumeration, having no families to report them are entirely omitted from the census under the American system; third, that where fisheries are carried on in vessels larger than the ordinary row or sail boat, the hands employed are generally known, not as fishermen, but as sailors. The last statement holds true of the vast majority of all persons who are engaged in the whale, cod, and mackerel fisheries. It is true that, according to the theory of a census of occupations taken in the interest of industrial science mainly, vessels so employed should, with all their hands, be excluded from the class of transportation and be returned as engaged in the fisheries; but this distinction is one which it appears hopeless to make, at least in a census of the United States, with the agencies provided by existing laws. We are compelled, therefore, to accept the result that the great majority of persons engaged in the fisheries are returned as sailors merely. The residue are not worth constituting into a separate grand division of industry, and have, therefore, been carried into the manufacturing class, to which, by the way, it may be remarked, though that affords no very good reason, the census-law assigns the fisheries.

THE COMPLETENESS OF THESE TABLES.

Comparison of the numbers reported in the Tables of Occupations with the numbers found under corresponding titles in the Tables of Manufactures, will discover discrepancies of very important extent, which require to be here accounted for, not only in justification of these tables, but for the additional light which such an investigation throws upon the industrial capacity of the country.

Not only do important discrepancies exist, but they are found to be of two kinds, of diametrically opposite direction. In one class of cases the numbers reported in the Tables of Occupations appear to be much too large; in the other, far too small. Two broad reasons are found in the very form of a census taken under existing laws in the United States, one of which explains the first class of discrepancies, while the other covers the ground of the second. As these discrepancies are capital in their extent, they require to be discussed at some length.

* Often, indeed, fishing is carried on at any season of the year only incidentally to some other occupation from which the family derives its principal support.

First, however, it needs to be stated just what constitutes a discrepancy. A failure in the numbers reported in the one place and in the other to balance exactly is not a discrepancy. On the contrary, this is to be expected; and if the numbers are found to be in excess in the proper set of tables, and to be in excess to only the proper extent, this furnishes a statistical proof of a high character. The tables in which the numbers should thus be generally found in excess are the Occupation Tables. The reason for the excess being found in these tables and not in the others is, that the schedule of manufactures gives an *average* return of the number of "hands employed," while the statistics of occupations are taken from a count of individuals upon the population schedule, and present, therefore, a *maximum* return, embracing, as they do, artisans of every class out of employment, temporarily disabled, or for some other reason not included in the actual return of any establishment.

The degree to which such excess should extend will depend, within certain limits, upon the nature of the special occupation, as well as upon the general condition of manufacturing industry throughout the country at the time. It should rarely, however, fall below six per cent. in any trade at any time, and it should quite as rarely go above sixteen per cent.

Whenever, therefore, the numbers returned in the Tables of Occupations do not exceed those under the same titles in the Tables of Manufactures by at least six per cent., and, on the other hand, whenever the former exceed the latter by more than sixteen per cent., there a discrepancy must be admitted.

And, first, of those cases where the numbers in the Tables of Occupations do not exceed those in the Tables of Manufactures by six per cent., or even fall below them.

Instances of this kind are principally confined to the returns of factory-operatives. At the present census these instances are sufficiently marked to require explanation.*

A portion of these omissions, undoubtedly, may be accounted for by the large number (41,619) returned under the head of "Mill and factory operatives not specified," as well as by the number (20,242) of "Employés of manufacturing establishments not specified;" but, in the main, the explanation of the discrepancies is found in the fact, heretofore adverted to, that women and children employed in factories are omitted in large numbers.

Second. Those instances where the numbers appearing in the Tables of Occupations exceed those in the Tables of Manufactures by more than the probable or possible difference between a maximum and an average return. Unlike the class first noted, these discrepancies affect mainly the statistics of those occupations which are pursued singly, or by twos and threes, out of large mills and factories, and even, in a considerable degree, out of shops. Discrepancies of this character in no degree discredit the statistics of occupations. They arise from the fact that the return of "Productive Industry," under the census law of 1850, is not, as indeed it was not intended to be, a complete return of the mechanical production of the country.

The census attempts the enumeration of mechanical industry only as it is carried on in shops, and thus fails to embrace that large body of individual labor which is not attached to distinct "establishments of productive industry." Moreover, the census law establishes a minimum (namely, the value of \$500 annually) below which the production of shops shall not be returned: behind which unfortunate exception a host of minor establishments, producing in the neighborhood of \$500, take refuge and thus escape enumeration.

The scope of these omissions may be seen in the following table:

* At the census of 1860, the discrepancies of this kind were still more numerous and far more extensive. A single example will suffice. The Tables of Occupations characterize but a little over two thousand persons as connected with the woolen and worsted manufactures, while the Tables of Manufactures show that considerably more than forty thousand persons were engaged, upon the average, in these branches of manufacturing industry.

STATES AND TERRITORIES.	1870.									
	BY TABLES OF OCCUPATIONS.					BY TABLES OF MANUFACTURING PRODUCTION.				
	Blacksmiths.	Carpenters and Joiners.	Coopers.	Painters and varnishers.	Masons and stone-cutters.	Blacksmiths.	Carpenters and Joiners.	Coopers.	Painters and varnishers.	Masons and stone-cutters.
Alabama.....	1,895	2,906	120	372	492	594	354	25	5	40
Arizona.....	107	155	10	4	66	10	5	.....	.....	.....
Arkansas.....	931	1,549	32	148	263	388	150	.....	6	4
California.....	3,310	7,415	451	1,850	1,159	812	663	259	126	243
Colorado.....	232	552	7	53	114	64	83	.....	16	31
Connecticut.....	2,698	7,151	911	2,317	3,391	815	2,156	150	241	876
Dakota.....	40	128	7	11	18	.....	.....	.....	.....	.....
Delaware.....	537	1,292	146	396	282	903	128	9	35	20
District of Columbia.....	518	1,707	96	562	678	174	506	55	150	286
Florida.....	313	1,063	51	69	109	114	295	9	17	9
Georgia.....	2,262	4,743	136	697	1,005	1,080	624	31	41	155
Idaho.....	113	107	1	11	28	50	18	.....	.....	.....
Illinois.....	9,412	23,066	3,550	6,294	6,932	2,800	3,555	2,037	347	1,094
Indiana.....	6,121	14,183	3,135	2,549	3,154	2,632	2,893	1,868	318	1,068
Iowa.....	4,094	12,418	841	1,798	2,870	1,637	2,335	425	224	506
Kansas.....	2,223	5,064	123	704	1,638	432	807	10	47	218
Kentucky.....	4,138	5,288	1,021	1,714	1,196	1,970	1,036	383	124	364
Louisiana.....	1,483	4,578	1,141	1,020	1,135	372	484	388	16	63
Maine.....	2,697	6,474	1,092	1,547	2,480	1,282	612	697	271	767
Maryland.....	3,231	7,906	1,483	1,845	2,806	1,329	820	745	181	516
Massachusetts.....	5,774	23,612	1,323	7,887	8,586	1,852	5,825	850	1,940	3,003
Michigan.....	4,730	14,698	2,118	2,725	3,535	1,997	2,930	1,139	453	992
Minnesota.....	1,255	4,172	368	578	1,119	630	676	338	70	167
Mississippi.....	1,233	2,076	16	942	403	542	321	1	26	22
Missouri.....	5,661	11,751	1,945	3,926	4,905	2,681	5,017	1,536	1,177	1,956
Montana.....	162	209	2	23	36	55	20	.....	1	.....
Nebraska.....	415	1,860	25	273	457	188	216	4	35	34
Nevada.....	564	505	6	104	192	90	48	.....	7	.....
New Hampshire.....	1,665	4,429	298	1,170	1,295	506	457	207	138	293
New Jersey.....	3,823	12,593	576	3,549	4,879	1,480	3,748	238	225	1,086
New Mexico.....	148	266	2	10	73	52	51	.....	5	.....
New York.....	19,291	53,092	5,669	18,082	23,486	6,643	8,806	4,332	1,115	6,252
North Carolina.....	2,165	3,154	865	370	691	519	272	138	23	52
Ohio.....	11,028	27,243	6,283	7,533	9,965	4,270	4,924	3,206	806	2,628
Oregon.....	544	910	61	148	98	199	248	42	50	66
Pennsylvania.....	17,509	39,259	3,855	8,525	15,253	6,900	10,538	2,256	1,704	3,895
Rhode Island.....	931	3,685	99	1,205	1,547	341	1,626	26	375	750
South Carolina.....	1,140	2,460	294	358	404	345	431	50	32	13
Tennessee.....	3,623	5,188	358	792	1,387	1,445	847	147	122	170
Texas.....	1,790	3,760	92	371	701	761	309	6	10	22
Utah.....	340	744	68	90	306	136	67	6	3	.....
Vermont.....	1,415	3,670	277	850	1,328	750	423	137	86	822
Virginia.....	4,077	6,919	1,213	836	1,564	1,451	915	231	94	84
Washington.....	117	376	32	42	25	57	61	58	7	6
West Virginia.....	1,423	3,526	940	305	896	475	344	540	27	47
Wisconsin.....	3,614	7,823	1,350	1,820	2,345	1,644	1,131	717	235	419
Wyoming.....	82	264	48	40

REMARKS ON THE TABLES OF OCCUPATIONS.

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The census of 1860 obtained the productions of these five mechanical trades even less completely, as will be seen from the following comparison:

STATES AND TERRITORIES.	1860.									
	BY TABLES OF OCCUPATIONS.				BY TABLES OF MANUFACTURING PRODUCTION.					
	Blacksmiths.	Carpenters and Joiners.	Coopers.	Painters and varnishers.	Masons and stone-cutters.	Blacksmiths.	Carpenters and Joiners.	Coopers.	Painters and varnishers.	
Alabama.....	1,307	2,403	71	404	530	363	73	18	7	90
Arkansas.....	1,094	1,619	48	133	295	97	.....	.....	.....	2
California.....	2,578	3,946	241	1,023	942	252	47	33	1	7
Colorado.....	163	542	4	29	36	.....	.....	.....	.....	.....
Connecticut.....	2,398	4,910	233	1,834	1,987	171	508	131	42	296
Dakota.....	18	66	10	.....	12	.....	.....	.....	.....	.....
Delaware.....	422	955	233	217	158	103	105	173	.....	20
District of Columbia.....	426	990	74	331	600	49	137	45	18	29
Florida.....	169	699	35	67	110	22	.....	.....	.....	.....
Georgia.....	1,465	3,210	106	529	803	301	142	30	.....	67
Illinois.....	6,404	12,772	2,803	2,053	3,795	347	173	925	22	303
Indiana.....	4,883	10,627	3,536	1,246	2,074	684	214	1,253	6	254
Iowa.....	2,600	6,601	807	510	1,865	132	37	83	5	31
Kansas.....	489	1,304	48	94	422	24	.....	.....	.....	.....
Kentucky.....	3,369	5,893	1,148	1,000	2,140	707	301	240	5	133
Louisiana.....	1,035	4,871	1,145	909	1,153	238	138	407	1	87
Maine.....	2,777	7,051	1,119	1,241	1,984	331	72	107	15	120
Maryland.....	2,495	5,630	1,424	1,272	1,727	498	21	588	.....	280
Massachusetts.....	4,828	14,928	1,410	5,868	6,026	447	965	483	174	1,612
Michigan.....	3,098	8,702	1,579	1,191	1,990	288	80	595	8	137
Minnesota.....	593	1,771	86	186	445	39	3	6	1	.....
Mississippi.....	793	2,111	28	303	359	400	60	.....	.....	47
Missouri.....	4,340	9,386	1,477	1,466	3,592	497	392	490	.....	464
Nebraska.....	177	388	28	74	192	1	.....	2	.....	.....
Nevada.....	72	177	.....	12	46	.....	.....	.....	.....	.....
New Hampshire.....	1,555	3,370	334	1,023	1,075	222	95	88	9	164
New Jersey.....	3,373	7,451	560	1,908	2,742	584	387	239	40	1,160
New Mexico.....	181	287	6	16	93	51	14	.....	.....	.....
New York.....	17,763	5,660	9,385	12,745	18,423	3,328	2,330	3,076	20	3,970
North Carolina.....	1,706	3,920	1,310	355	663	112	11	125	.....	9
Ohio.....	10,088	21,814	5,012	3,766	6,227	864	237	1,685	15	1,033
Oregon.....	343	768	40	73	71	16	.....	.....	4	.....
Pennsylvania.....	14,090	30,011	3,053	5,307	11,561	2,586	1,417	976	356	1,830
Rhode Island.....	653	2,143	76	752	915	132	360	44	102	157
South Carolina.....	692	1,848	176	278	511	165	.....	65	.....	.....
Tennessee.....	3,017	5,417	463	709	1,004	600	178	41	11	35
Texas.....	1,290	2,823	99	204	644	361	15	1	3	15
Utah.....	172	247	43	22	194	82	1	1	.....	.....
Vermont.....	1,317	2,933	254	581	808	293	8	102	6	994
Virginia.....	4,224	9,638	1,895	1,013	2,434	947	380	528	14	123
Washington.....	76	212	14	18	12	.....	.....	.....	.....	.....
Wisconsin.....	2,906	6,927	1,411	933	2,004	206	96	487	14	211

The effect of this wholesale omission of the production of certain trades upon the aggregate value of manufacturing and mechanical products in the country has been discussed elsewhere.

Inasmuch as it is not the Tables of Occupations which suffer from the comparison, it will not be necessary to pursue inquiry further into this class of discrepancies in the present connection. The Tables of Occupations are incontestably accurate, in a high degree, in respect to these common trades.

AN EXCEPTION.

In making such comparisons as the foregoing, between the Tables of Occupations and those of Manufactures, care should be used that the titles taken for the purpose really correspond. In some cases, even those in which the apparent correspondence is the strongest, the quantities are in fact not commensurable. An example may be found in the brick and tile manufacture. It would seem, at first glance, that the "hands employed" should answer exactly to the "brick and tile makers" in the Tables of Occupations; but, in fact, a considerable portion of the

hands employed in large brick-yards, exceeding, indeed, not infrequently, the number of craftsmen, are classed and known as common laborers, and are so returned in the census. The following comparison of the number of brick and tile makers appearing in the Tables of Occupations, with the number of hands employed in establishments producing bricks and tiles, will show the scope of this exception. It will be seen that while in two or three minor cases the number returned on the Tables of Occupations, exceeds, as we are accustomed to expect, the number in the Tables of Manufactures, the proportion of common laborers employed in brick-yards where that branch of manufacture becomes considerable, (notably in the larger manufacturing States,) is so great as to raise the numbers in the latter tables considerably above those in the former.

BRICK AND TILE MANUFACTURE.

STATES AND TERRITORIES.	Hands, as shown by the Industry Tables.	Hands, as shown by the Occupa- tion Tables.	STATES AND TERRITORIES.	Hands, as shown by the Industry Tables.	Hands, as shown by the Occupa- tion Tables.	STATES AND TERRITORIES.	Hands, as shown by the Industry Tables.	Hands, as shown by the Occupa- tion Tables.
The United States	43,248	26,070	Kansas	270	265	North Carolina	96	103
Alabama	157	208	Kentucky	507	521	Ohio	2,409	2,347
Arizona		19	Louisiana	401	129	Oregon	43	34
Arkansas	78	59	Maine	773	393	Pennsylvania	7,394	1,826
California	610	415	Maryland	9,051	1,138	Rhode Island	924	200
Colorado	63	63	Massachusetts	2,904	2,085	South Carolina	38	15
Connecticut	716	542	Michigan	1,584	983	Tennessee	442	374
Dakota		3	Minnesota	377	239	Texas	968	263
Delaware	365	171	Mississippi	139	87	Utah	6	36
District of Columbia	427	259	Missouri	2,198	1,290	Vermont	166	133
Florida	55	16	Montana	8	13	Virginia	251	212
Georgia	860	338	Nebraska	109	109	Washington	34	23
Idaho			Nevada	9	17	West Virginia	262	324
Illinois	3,203	1,720	New Hampshire	544	364	Wisconsin	1,133	466
Indiana	2,009	1,236	New Jersey	2,306	1,310	Wyoming		1
Iowa	971	335	New Mexico		21			
			New York	6,728	5,336			

INCOMPLETE SUBDIVISION OF EMPLOYMENTS.

In addition to the apparent deficiencies or discrepancies which have been noted, one general remark will suffice in explanation of many of the entries in the following tables, in respect to the accuracy of which question may naturally arise.

It must be borne in mind that the number of persons who are reported under a certain specified occupation does not necessarily embrace all the persons who perform the duties usually associated with that title, but only those who discharge such duties to the exclusion of other gainful occupations, or, at least, as their principal or sole professed means of support.

The organization of labor and the subdivision of industry vary in respect to completeness and minuteness with each successive community. As communities advance in industrial character, functions become separated, and distinct occupations become recognized. This country, from its peculiar conditions, presents almost every degree between the two extremes of industrial development in this particular. It is common to find on the returns from the present Territories, and even some of the present States of the Union, such entries as these: "Carpenter and miner," "Blacksmith and carpenter," "Blacksmith and miner." In many of the communities of the land it is difficult to draw distinctions much finer than those between the agricultural, the mining, the mechanical, and the commercial pursuit or profession. Indeed, even this is not always practicable, since it is matter of notoriety that in many of the States of the Union, and those not among the newest, the occupations of carpenter and farmer, or blacksmith and farmer, or farmer and fisherman, are frequently united in one person. In large and more prosperous communities a clear separation between such incongruous occupations takes place; yet, still, the carpenter, for instance, in nine out of ten counties in the United States, performs half a dozen functions which, in cities, are recognized as belonging to distinct trades.

The same general process which has been indicated in manufactures, occurs in the subdivision of employments known as agricultural, commercial, and professional.

Thus, the tables following show 100,406 traders and dealers whose branch of trade is not specified, while there are also reported 1,939 persons as dealing in agricultural implements; 3,392 in books and stationery; 7,019 in boots and shoes; 4,087 in cabinet-ware; 8,234 in cigars and tobacco; 7,595 in clothing; 1,163 in cloths and textile fabrics;

4,143 in coal; 2,493 in coal and wood; 1,701 in cotton; 1,765 in crockery, china, and stone ware; 17,369 in drugs and medicines; 39,790 in dry-goods; 6,402 in gold and silver ware and jewelry; 74,410 in groceries; 3,375 in hats and caps; 1,464 in ice; 9,003 in iron, tin, and copper wares; 2,261 in leather, hides, and skins; 310 in lime; 11,718 in liquors and wines; 7,723 in live stock; 9,440 in lumber; 254 in machinery; 848 in music and musical instruments; 1,455 in newspapers and periodicals; 986 in oils, paints, and turpentine; 301 in optical instruments; 11,809 in produce; 7,528 in provisions; 8,933 in real estate; and 3,152 in sewing-machines.

The want of specifications in the case of the 100,406 first mentioned, is not due to the neglect of assistant marshals, but to the fact that these persons so characterized are actually selling agricultural implements, books and stationery, boots and shoes, &c., &c., through pretty much the entire line of articles sold by those other dealers whose departments are defined because the communities in which they dwell and deal are sufficiently large to allow of the subdivision of trade.

If, therefore, we look at those occupations which emerge as distinct employments only in communities where the organization of industry and the sub-division of labor are carried to a high degree, the number of persons engaged will appear to be impossibly small, unless the above considerations are borne carefully in mind.

ANOMALOUS ENTRIES.

Other seeming discrepancies, which demand at least an allusion here, occur where persons are returned as of certain special occupations in States where it is notorious that the industries represented are not carried on; or, again, where persons, not more than one, two, or five in number, are returned in a State under a description which implies a large body of workmen, as (in illustration of both these classes) when Ohio is returned as having one silk-mill operative, it being difficult to see how one operative could justify a silk-factory in Ohio, and it being, moreover, notorious, as matter of fact, that the manufacture of silk is not carried on in that State. An adequate explanation of all cases of this general nature is found in the consideration that the census takes account of persons where they are actually residing, and assigns them to their habitual occupation, whether it is being at the time pursued or not.

In the enumeration of tens of thousands of persons out of health, or out of employment, traveling, or visiting friends in other States, it is inevitable that such apparent anomalies should arise.

Nota Bene.—Each employment specified in the following tables must be understood in connection with the class or grand division of industry under which it is placed. To many, and, indeed, most of the specifications of occupation, this warning, in the nature of the case, does not apply.

Others, however, will be misinterpreted without a reference to the more general title. Thus, "clerks and copyists" appear under the head "personal and professional services," to the number of 6,138. These are clerks to lawyers, clerks to civil engineers, copyists not attached to commercial houses or manufacturing establishments, &c. "Clerks" also appear under the head of "Manufactures and Mining," so far as persons are employed in a purely clerical capacity in those branches of industry; while, under the title of "Trade and Transportation," "clerks" appear several times as "clerks in stores," "clerks in banks," "clerks in railroad-offices," &c. In such cases, "cross-references" will generally be found between the several parts of the tables where these entries occur.

TABLE XVII.

THE NUMBER OF PERSONS IN THE UNITED STATES
ENGAGED IN EACH CLASS OF OCCUPATIONS,
WITH DISTINCTION OF SEX.

(BY STATES AND TERRITORIES.)

TABLE XVII.—THE UNITED STATES.

STATES AND TERRITORIES.	POPULATION 10 YEARS AND OVER.			ENGAGED IN ALL CLASSES OF OCCUPATIONS.		
	Total.	Male.	Female.	Total.	Male.	Female.
	28,228,945	14,258,866	13,970,079	13,505,923	10,669,635	1,836,288
The United States						
1 Alabama	706,802	340,984	365,818	365,258	275,640	89,618
2 Arizona	8,237	6,148	2,089	6,030	5,734	296
3 Arkansas	341,737	175,194	166,543	135,949	120,153	15,796
4 California	430,444	283,749	146,704	238,048	224,868	13,780
5 Colorado	30,349	19,931	10,418	17,583	17,147	436
6 Connecticut	425,896	209,120	216,776	193,421	159,460	33,961
7 Dakota	10,640	7,047	3,593	5,887	5,727	160
8 Delaware	92,586	46,274	46,312	40,313	34,306	6,007
9 District of Columbia	100,453	46,652	53,801	49,041	35,200	13,841
10 Florida	131,119	65,673	65,446	60,703	50,877	9,826
11 Georgia	835,929	401,547	434,382	444,678	329,185	115,493
12 Idaho	13,189	11,270	1,919	10,870	10,754	125
13 Illinois	1,800,606	946,717	862,889	742,015	678,732	63,283
14 Indiana	1,107,936	612,832	585,104	459,360	428,259	31,110
15 Iowa	837,959	445,064	392,895	344,276	321,150	23,126
16 Kansas	258,051	148,152	100,899	123,852	117,343	6,509
17 Kentucky	930,136	466,762	463,374	414,593	364,300	50,203
18 Louisiana	520,392	261,170	265,222	256,452	198,168	58,284
19 Maine	493,847	245,704	248,143	208,225	170,784	28,441
20 Maryland	575,439	281,204	294,145	258,543	213,601	44,853
21 Massachusetts	1,160,666	554,886	605,780	570,844	451,543	128,301
22 Michigan	873,763	460,408	413,355	404,164	346,717	57,447
23 Minnesota	305,568	167,456	138,112	132,657	121,797	10,860
24 Mississippi	581,206	288,185	293,021	318,850	292,349	86,501
25 Missouri	1,205,568	632,170	573,389	505,556	466,845	38,711
26 Montana	18,170	15,517	2,653	14,048	13,577	171
27 Nebraska	88,265	52,588	35,677	43,837	41,943	1,894
28 Nevada	36,655	20,430	7,925	26,011	26,468	443
29 New Hampshire	200,426	126,353	134,073	120,168	96,033	24,135
30 New Jersey	680,687	335,810	344,868	296,036	251,625	44,411
31 New Mexico	60,404	34,415	32,049	29,301	26,281	3,080
32 New York	3,378,939	1,658,504	1,720,455	1,401,018	1,233,979	257,039
33 North Carolina	709,630	365,523	404,101	351,299	292,439	58,860
34 Ohio	1,053,374	976,588	976,786	840,869	737,360	83,520
35 Oregon	64,685	39,881	24,824	30,651	29,968	683
36 Pennsylvania	2,507,809	1,292,518	1,305,291	1,020,544	886,209	134,335
37 Rhode Island	173,751	82,824	90,927	88,574	66,859	21,715
38 South Carolina	503,763	241,492	262,271	263,301	183,355	80,046
39 Tennessee	890,872	436,154	454,718	367,987	322,585	45,402
40 Texas	571,075	297,356	273,719	237,136	208,529	28,597
41 Utah	50,515	28,729	27,786	21,517	20,442	1,075
42 Vermont	258,751	129,948	120,503	108,763	95,203	13,500
43 Virginia	600,050	427,455	462,601	412,665	397,464	75,201
44 Washington	17,334	11,611	5,723	9,760	9,524	236
45 West Virginia	308,421	154,234	154,190	115,229	107,076	8,153
46 Wisconsin	751,704	391,603	360,101	392,808	267,273	25,535
47 Wyoming	* 8,059	6,650	1,409	6,645	6,345	300

TABLE XVII.—THE UNITED STATES—Continued.

ENGAGED IN AGRICULTURE.			ENGAGED IN PROFESSIONAL AND PERSONAL SERVICES.			ENGAGED IN TRADE AND TRANSPORTATION.			ENGAGED IN MANUFACTURES AND MECHANICAL AND MINING INDUSTRIES.		
Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.
5,922,471	5,525,503	396,968	2,684,703	1,618,121	1,066,672	1,191,238	1,172,540	18,698	2,707,421	2,353,471	353,950
291,628	226,768	64,860	42,125	19,449	22,676	14,435	14,345	90	17,070	15,078	1,992
1,285	1,284	1	3,113	2,979	136	591	588	3	1,039	883	156
109,310	100,669	8,641	14,877	8,018	6,859	5,491	5,474	17	6,271	5,992	279
47,863	47,580	283	76,112	65,150	10,962	33,165	33,038	127	81,508	79,100	2,408
6,462	6,462	—	3,625	3,245	380	2,815	2,813	2	4,681	4,027	54
43,653	43,533	130	38,704	21,150	17,554	24,720	24,511	209	86,314	70,276	16,068
2,522	2,522	—	2,704	2,562	142	204	204	—	457	439	18
15,973	15,907	66	11,369	6,615	4,774	3,437	3,347	90	9,514	8,437	1,077
1,365	1,350	15	29,845	17,927	11,918	6,126	5,852	274	11,705	10,071	1,634
43,492	36,944	5,548	10,897	6,892	4,005	3,023	3,016	7	4,291	4,025	266
336,145	262,152	73,993	64,083	27,435	36,648	17,410	17,336	74	27,040	22,262	4,778
1,462	1,462	—	1,423	1,310	113	731	720	1	7,273	7,262	11
376,441	375,407	1,034	151,931	99,337	52,594	60,422	70,876	546	133,231	124,112	9,109
266,777	266,349	428	80,018	53,460	26,552	36,517	36,371	146	76,057	72,073	3,984
210,263	209,007	356	58,484	38,531	19,963	28,210	28,151	59	47,319	44,561	2,758
73,928	72,918	310	20,730	15,286	5,450	11,762	11,730	26	18,126	17,463	723
261,080	257,426	3,654	84,024	41,974	42,050	25,292	24,061	331	44,197	39,039	4,238
141,467	114,530	26,937	65,347	36,883	28,461	23,631	23,496	335	25,807	23,250	2,548
82,011	81,856	55	36,092	20,683	15,400	28,115	27,880	235	62,007	49,285	12,742
80,449	70,197	1,252	79,226	43,278	35,948	35,542	34,567	975	63,328	50,640	6,077
72,810	72,756	54	131,201	75,917	55,374	83,078	81,077	2,001	292,665	221,793	70,872
187,211	187,036	175	104,728	52,751	51,974	29,583	29,493	95	82,637	77,434	5,203
75,157	74,663	404	28,330	18,020	9,410	10,582	10,559	23	18,538	17,655	933
250,199	193,725	65,474	40,522	20,430	20,092	9,148	9,076	72	9,981	9,118	863
203,918	203,595	1,923	106,903	75,079	31,824	54,885	54,583	302	79,850	74,588	5,262
2,111	2,110	1	2,674	2,515	150	1,233	1,232	1	8,030	8,020	10
23,115	23,083	32	10,331	8,667	1,664	4,628	4,623	5	5,763	5,570	193
2,070	2,063	7	7,431	7,152	270	3,621	3,621	—	13,769	13,632	157
46,573	46,562	11	18,528	8,831	9,707	8,514	8,196	388	46,553	32,534	14,029
63,128	62,943	185	83,380	54,375	29,105	40,906	45,942	964	103,323	89,165	14,157
18,668	18,432	236	7,535	5,542	1,993	863	863	—	2,205	1,444	851
374,323	373,455	868	405,339	333,560	171,770	234,581	229,789	4,702	476,775	397,166	70,600
269,238	241,010	28,928	51,290	23,073	28,217	10,170	10,094	85	20,592	18,262	2,330
397,024	396,267	757	168,308	104,018	64,290	78,547	77,690	857	197,010	179,394	17,616
13,248	13,232	16	6,000	5,592	508	2,610	2,611	8	8,694	8,603	91
260,051	253,772	1,279	283,000	102,674	90,336	121,253	110,714	4,539	336,240	318,049	38,191
11,780	11,767	13	19,679	12,349	7,330	10,108	9,878	230	47,007	33,805	14,142
206,654	147,708	58,946	34,383	15,526	18,857	8,470	8,250	220	13,794	10,871	2,923
267,020	247,053	10,067	54,396	30,077	24,310	17,510	17,417	93	29,061	27,138	1,993
166,753	152,732	14,031	40,882	27,168	13,714	13,612	13,576	36	15,879	15,063	816
10,428	10,417	11	5,317	4,384	933	1,665	1,648	17	4,107	3,903	114
57,983	57,889	94	21,032	9,680	11,352	7,132	7,101	31	32,616	20,593	2,023
244,550	228,082	16,408	98,521	45,407	53,114	20,181	19,092	189	49,413	43,983	5,430
3,771	3,759	12	2,207	2,000	207	1,120	1,127	2	2,653	2,638	15
73,960	73,725	235	16,699	9,636	7,063	6,897	6,888	9	17,673	16,827	846
159,087	158,300	1,387	58,070	37,898	20,172	21,534	21,342	193	53,517	49,733	3,781
165	164	1	3,170	2,898	272	1,646	1,646	—	1,664	1,637	27

TABLE XVIII.

THE NUMBER OF PERSONS
IN THE UNITED STATES
ENGAGED IN EACH SPECIAL OCCUPATION
AND CLASS OF OCCUPATIONS,

(BY STATES AND TERRITORIES.)

PERSONS ENGAGED IN EACH OCCUPATION.

TABLE XVIII.—THE UNITED STATES.

	OCCUPATIONS.	The United States.												Kentucky.	Louisiana.	Maine.
		Alabama.	Arkansas.	California.	Connecticut.	Delaware.	Florida.	Georgia.	Illinois.	Indiana.	Iowa.	Kansas.				
POPULATION, 10 YEARS AND OVER.....	28,228,945	700802	341737	430444	425806	92586	131119	835929	1800605	1197036	837053	358051	930136	526392	493847	
ALL OCCUPATIONS, (PERSONS ENGAGED IN).....	12,505,923	365258	135949	238648	193421	40313	60703	444678	749015	459369	344276	153653	414393	356452	268235	
AGRICULTURE.....	5,922,471	291628	109310	47863	43653	15973	42492	336145	376441	266777	210203	73228	261080	141467	82011	
1 Agricultural laborers.....	9,855,096	208811	53602	16231	18934	8131	31033	204603	133649	83949	60681	21714	127911	97783	24738	
2 Apiarists.....	136	.....	4	1	.....	.....	.....	2	2	38	2	3	.....	.....	.....
3 Dairymen and dairywomen.....	3,550	5	3	1010	5	11	17	31	99	83	51	32	104	161	3	
4 Farm and plantation overseers.....	3,000	111	17	29	21	49	46	427	7	2	7	1	580	844	3	
5 Farmers and planters.....	2,977,711	81854	55541	24061	23704	7642	11165	70408	240250	181895	139478	50820	131593	41672	50941	
6 Florists.....	1,055	1	1	22	81	4	1	2	26	9	2	3	13	3	2	
7 Gardeners and nurserymen.....	31,435	455	125	2355	863	126	59	451	2162	784	810	336	777	861	303	
8 Stock-drovers.....	3,181	4	8	68	37	10	4	1	70	24	.....	86	70	11	21
9 Stock-herders.....	5,590	22	8	1930	.....	.....	44	10	43	20	23	102	0	28	.....
10 Stock-raisers.....	6,588	4	5	1860	3	.....	50	10	11	3	34	40	1	104	.....
11 Turpentine farmers.....	361	12	.....	.....	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
12 Turpentine laborers.....	2,117	349	.....	.....	60	126	.....	.....	.....	.....	.....	.....	.....	.....	.....
13 Vinegrowers.....	1,113	.....	293	2	.....	2	98	6	.....	2	17	.....	.....	.....	.....
PROFESSIONAL AND PERSONAL SERVICES.....	2,684,703	42125	14877	76112	38704	11389	10897	64083	151931	80018	58484	20736	84024	65347	36002	
14 Actors.....	2,053	7	13	267	3	1	.....	3	142	63	15	14	21	11	.....
15 Apprentices to learned professions.....	386	7	.....	10	.....	.....	.....	4	13	14	.....	14	5	1	.....
16 Apprentices to barbers.....	859	5	.....	7	6	1	.....	16	26	4	.....	2	9	16	5
17 Apprentices to dentists.....	166	1	.....	6	6	1	1	.....	13	3	.....	3	9	6	.....
18 Architects.....	2,017	11	8	95	52	1	2	15	193	40	39	20	30	55	13	
19 Artists, (not specified) (a).....	2,948	22	14	90	110	1	1	17	137	87	72	13	48	23	49	
20 Auctioneers.....	2,266	30	15	80	29	15	11	39	174	70	63	26	77	52	21	
21 Authors and lecturers.....	458	1	.....	13	13	.....	2	2	37	14	5	3	6	1	9
22 Barbers and hairdressers.....	23,935	164	98	1154	322	62	41	279	1050	530	454	246	455	550	312	
23 Bath-house keepers.....	94	.....	1	10	.....	.....	.....	2	2	.....	.....	1	6	.....	.....
24 Billiard and bowling saloon keepers and employés.....	1,320	5	.....	30	25	2	8	7	98	34	163	22	22	10	29
25 Bill-posters.....	424	.....	.....	20	6	3	.....	.....	31	12	6	2	10	10	3
26 Boarding and lodging house keepers.....	13,785	39	26	763	317	20	20	74	1016	430	341	207	293	131	260	
27 Boot-blacks.....	587	1	2	78	5	6	.....	2	34	8	2	1	10	22	2
28 Card-writers.....	33	.....	1	2	.....	1	.....	.....	.....	.....	.....	8	3	2	2
29 Chemists, (practicing).....	608	3	.....	20	23	.....	.....	2	20	3	.....	8	3	2	.....
30 Chimney-sweeps.....	73	.....	.....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
31 Chiropodists.....	65	1	.....	4	.....	.....	.....	9	2	1	.....	2	1	1	1
32 Claim agents.....	693	.....	1	.....	.....	.....	2	.....	10	4	1	3	5	2	3
33 Clergymen.....	43,874	821	397	500	908	150	107	953	3192	1787	1596	538	1080	404	890	
34 Clerks and copyists.....	6,138	8	4	239	23	4	3	10	291	20	3	17	56	56	29	
35 Clerks in Government offices.....	8,672	39	3	153	26	10	1	39	320	170	96	46	66	244	53	
36 Clerks in hotels and restaurants.....	5,923	39	10	151	171	9	12	96	438	227	.....	74	151	48	93
37 Dentists.....	7,630	114	39	189	158	24	20	167	520	342	225	72	190	99	130	
38 Designers and draughtsmen.....	934	5	.....	30	35	7	1	1	48	7	4	4	9	2	10
39 Domestic servants.....	975,734	23403	6648	15472	15104	4742	4003	37027	44903	22542	15725	4481	41363	26833	11321	
40 Employés of companies, (not specified) (b).....	848	.....	.....	30	13	2	.....	5	72	.....	29	3	10	15	1
41 Employés of Government.....	14,407	251	62	206	154	52	54	226	1011	237	333	192	451	171	197	
42 Employés of hotels and restaurants, (not clerks,).....	23,438	100	12	535	448	96	6	543	3067	1267	142	200	440	344	175	
43 Engineers, civil.....	4,703	62	31	158	142	7	15	65	320	166	175	110	107	63	79	
44 Hostlers.....	17,586	180	117	840	394	84	26	194	649	356	311	123	645	328	426	
45 Hotel-keepers.....	26,394	101	97	1116	258	156	46	173	1577	671	872	321	688	66	363	
46 Hunters and trappers.....	940	7	7	111	3	.....	8	3	32	22	16	23	8	93	15
47 Indian scouts, guides, and interpreters.....	171	.....	.....	33	.....	.....	.....	.....	.....	.....	2	1	.....	5	.....
48 Intelligence-office keepers.....	191	1	.....	22	11	.....	2	14	2	.....	1	2	4	3	.....
49 Inventors.....	352	.....	.....	6	19	.....	1	.....	24	9	3	1	2	2	3
50 Janitors.....	1,769	.....	.....	53	39	3	.....	1	155	17	23	1	27	10	4
51 Journalists.....	5,286	61	39	209	73	10	12	76	431	200	202	72	96	112	43	
52 Laborers, (not specified).....	1,031,666	9840	2944	37586	13017	4769	4065	14076	63130	34054	24823	7871	24981	25525	13833	
53 Lamp-lighters.....	276	5	1	13	4	.....	9	5	4	.....	.....	20	.....	.....	.....
54 Land-surveyors.....	9,671	26	16	163	39	13	12	15	119	33	78	43	61	34	69	
55 Launderers and laundresses.....	60,906	1930	916	4043	374	21	655	1988	1559	852	240	421	2078	3265	177	
56 Lawyers.....	40,736	758	413	1115	391	84	140	851	2683	1685	1456	682	1552	663	558	

(a) See Painters and Sculptors.

(b) See Employés of Express, Insurance, Railroad, Street railroad, and Telegraph companies, of Trading and transportation companies, (not specified,) and of Manufacturing establishments, (not specified.)

PERSONS ENGAGED IN EACH OCCUPATION.

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TABLE XVIII.—THE UNITED STATES.

Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Nebraska.	Nevada.	New Hampshire.	New Jersey.	New York.	North Carolina.	Ohio.	Oregon.	Pennsylvania.	Rhode Island.	South Carolina.	Tennessee.	Texas.	Vermont.	Virginia.	West Virginia.	Wisconsin.	The Territories.	
575430	1160666	873763	305568	581206	1205568	88265	30655	260426	680687	3378950	769629	1953374	64683	2597800	173751	503763	890872	571075	258751	890050	308494	751704	339410	
258543	579844	404164	132657	318850	505556	43837	26911	120168	296036	1491018	351209	840889	30651	1020544	68574	263301	307987	237196	108763	412665	115229	292608	170751	
80140	73810	187211	75157	250199	263918	23115	2070	40573	63128	374323	369332	397024	13248	260051	11780	206634	267020	166753	57983	244550	73960	159687	48239	
48070	31019	64885	20277	181523	86807	5899	553	15660	29240	134562	108978	191003	3126	68897	5475	163528	130025	81123	23692	162004	30087	50753	20321	
1	1	2	2	.....	11	.....	.....	.....	1	15	.....	11	7	.....	3	2	1	3	1	5	.....	2	.....
97	14	5	10	11	383	11	24	6	11	384	4	422	28	106	16	75	9	.....	48	12	25	136	3	
153	16	9	1	208	53	.....	.....	.....	53	118	103	127	1	66	8	179	9	20	4	200	16	1	15	4
31213	39766	121553	54623	77102	174961	17037	1842	30749	32077	232649	98290	202425	9758	187646	5954	42546	129550	70015	34144	80739	43702	108240	25630	5
34	122	1	.....	.....	14	1	.....	4	133	383	1	53	1	111	8	3	10	2	3	8	2	6	16	6
811	1835	636	199	332	1271	79	32	119	1520	5607	177	2565	73	2463	332	103	425	214	122	776	125	580	565	7
49	32	115	34	4	187	16	6	22	87	323	6	98	37	611	2	.....	4	972	17	36	8	74	25	8
8	1	.....	3	6	47	07	70	4	7	6	2	24	27	19	1	18	12	2049	.....	23	7	2	853	9
9	4	.....	1	13	18	5	139	2	.....	3	3	92	197	18	2	4	3336	.....	5	1	677	10	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	336	.....	.....	.....	.....	5	1	.....	.....	.....	.....	.....	11	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1332	.....	.....	.....	.....	249	1	.....	.....	.....	.....	.....	12	.....
9	.....	1	.....	164	.....	.....	.....	.....	1	273	.....	214	.....	17	1	.....	1	.....	18	.....	1	13	.....
79226	131291	104728	28330	40523	106903	10331	7431	18528	88380	405339	51290	168308	6090	280000	19679	34383	54306	40682	91032	88321	16699	58070	61615	.....
31	133	44	7	6	134	14	21	5	13	646	1	134	11	185	9	.....	48	3	1	6	7	34	14	.....
5	29	6	.....	1	12	.....	.....	1	71	74	2	19	2	61	12	4	.....	1	.....	8	10	15	.....
69	30	9	1	5	45	.....	.....	6	18	150	10	61	.....	250	6	11	6	24	.....	28	16	8	19	.....
.....	28	9	.....	1	4	.....	5	6	25	.....	13	1	25	2	1	1	1	1	1	1	1	17	.....
37	194	36	23	12	132	13	6	7	122	470	8	113	2	101	29	8	20	8	7	8	5	41	33	18
44	217	56	14	20	118	9	7	23	113	856	14	193	7	346	16	20	31	32	20	24	7	43	35	19
47	136	60	27	14	85	7	8	46	86	347	21	164	5	200	16	5	33	38	0	65	8	20	37	20
4	78	5	1	2	7	2	.....	6	11	133	1	21	3	37	8	2	5	1	7	3	4	14	21	
747	1628	705	145	178	1254	64	117	135	670	5435	147	1712	51	2408	185	131	375	183	107	364	105	357	436	22
7	1	.....	5	.....	2	.....	2	.....	38	.....	6	.....	3	4	.....	1	.....	3	23	.....	.....	.....	.....
7	114	59	30	.....	37	9	4	13	21	227	2	89	45	8	9	8	20	4	1	13	45	24	.....
7	45	12	.....	1	14	.....	2	18	101	.....	92	1	69	10	1	1	2	4	2	5	4	25	.....
231	879	527	271	62	863	125	71	202	329	2768	24	624	19	767	171	30	102	102	46	90	35	316	220	26
9	4	14	.....	2	39	4	22	2	15	133	2	42	6	45	1	5	2	2	11	1	1	52	27	
1	1	.....	.....	.....	.....	.....	.....	.....	5	15	.....	.....	2	.....	.....	.....	.....	.....	.....	5	28	.....	
19	67	26	.....	.....	42	1	2	42	211	.....	20	.....	54	12	2	.....	1	3	8	11	20	.....	
9	2	.....	1	.....	1	.....	1	.....	29	.....	4	.....	11	1	7	.....	2	30	.....	2	30	.....	
3	7	1	.....	.....	4	.....	1	3	15	.....	4	1	4	1	.....	.....	1	1	1	1	31	.....	
14	14	148	.....	19	.....	1	11	7	159	.....	32	2	97	1	12	4	8	2	6	132	32	.....	
938	2040	1430	620	749	1739	183	35	604	1236	5678	861	3572	162	3841	230	553	1256	831	591	1073	406	1189	435	33
20	746	50	3	5	138	10	1	12	105	3556	3	178	1	152	16	29	2	114	3	28	3	206	33	34
170	260	127	34	8	240	30	7	64	27	1270	10	204	12	36	38	65	10	107	9	198	6	107	4117	35
70	409	343	86	30	247	31	11	249	87	843	25	470	7	196	63	19	63	35	46	95	22	177	100	36
179	485	259	43	113	271	14	9	77	216	1346	95	601	29	924	55	59	133	102	88	198	27	142	76	37
17	138	14	12	.....	29	.....	2	10	61	154	.....	41	3	162	45	3	2	0	2	5	6	56	38	
34742	45770	49005	8556	13836	29338	1482	888	7481	26342	155150	26605	53599	830	8343	6201	16214	24563	130092	9588	54008	6076	10141	13192	39
35	46	15	.....	1	15	.....	.....	14	91	192	1	32	15	15	28	3	21	3	.....	52	2	60	27	40
556	1283	337	78	29	682	21	21	24	298	3155	60	871	34	500	303	163	168	143	42	389	38	233	1284	41
384	1045	276	88	87	1709	61	125	54	625	4356	95	1809	26	1908	330	259	617	47	151	233	97	337	1144	42
81	317	110	81	34	250	57	15	36	923	656	27	203	24	530	40	20	31	40	20	84	81	62	103	43
466	1757	413	176	102	607	60	75	263	550	3371	119	1261	78	1820	314	81	219	172	179	239	53	284	237	44
404	660	1141	422	97	744	125	137	368	974	4173	127	1843	157	6305	103	50	196	188	341	336	223	883	402	45
2	1	40	64	14	26	16	4	3	6	35	1	16	22	53	1	14	2	9	7	52	210	46	.....
1	1	1	1	.....	2	3	.....	.....	59	.....	1	3	.....	21	.....	.....	30	.....	39	47	.....	.....
4	17	4	1	1	7	.....	1	2	59	.....	6	.....	11	3	.....	.....	8	2	3	48	.....	.....
3	73	3	7	.....	2	.....	1	11	112	.....	25	1	25	3	.....	1	6	6	5	5	49	.....	
30	160	57	11	4	46	.....	4	56	666	1	147	2	178	16	7	3	.....	7	4	2	20	6	50	
90	279	133	77	47	262	28	15	45	232	931	50	377	15	423	22	30	84	67	41	98	36	115	136	51
28571	50564	36034	13037	15969	47462	4940	3939	4630	30820	139300	16830	68518	2962	140835	8136	10654	16780	14371	6426	27730	5815	24070	21294	52
9	46	15	.....	1	15	.....	.....	7	83	15	.....	10	18	8	3	.....	1	1	1	1	1	1	53	
31	113	107	97	20	120	34	11	160	333	15	120	21	341	9	21	33</								

PERSONS ENGAGED IN EACH OCCUPATION.

TABLE XVIII.—THE UNITED STATES—Continued.

	OCCUPATIONS.	The United States.													Maine.
		Alabama.	Arkansas.	California.	Connecticut.	Delaware.	Florida.	Georgia.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	
57	Librarians.....	213	2	10	16	17	14	1	6	1	3	1	1	1	4
58	Livery-stable keepers.....	8,504	72	41	457	231	17	81	630	334	340	174	246	53	203
59	Marinco, (United States).....	477	.....	69	.....	60	.....	.....	.....	.....	.....	.....	.....	.....	1
60	Messengers.....	8,717	12	38	118	18	42	40	22	171	21	150	10	107	204
61	Metallurgists.....	164	.....	64	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	36
62	Midwives.....	1,186	61	8	44	.....	8	119	62	21	19	9	39	125	.....
63	Musicians, (professional) (a).....	6,519	21	18	357	84	6	2	33	351	93	60	48	110	157
64	Naturalists.....	287	.....	3	9	3	2	.....	3	15	1	4	1	2	2
65	Nurses.....	10,976	267	144	354	279	53	74	380	238	106	111	29	198	204
66	Officers of the Army and Navy, (United States).....	2,286	9	3	102	74	24	21	14	42	27	.....	22	27	36
67	Officials of companies, (not specified) (b).....	3,410	17	2	233	55	7	24	30	77	17	92	6	81	119
68	Officials of Government.....	44,743	637	403	1282	502	162	312	890	3301	1916	750	495	1371	1655
69	Painters (c).....	775	9	5	62	2	.....	3	128	16	10	3	23	10	13
70	Physicians and surgeons.....	62,383	1418	1026	1257	680	170	248	1537	4861	3613	1865	906	2414	930
71	Restaurant-keepers.....	35,185	52	85	2347	735	73	28	82	3578	1314	1107	437	574	372
72	Sailors, (United States Navy).....	780	.....	1	303	4	.....	27	.....	7	13	.....	.....	.....	8
73	Scavengers.....	301	5	21	4	6	.....	.....	23	1	.....	1	7	14	2
74	Sculptors (c).....	250	2	4	3	1	.....	1	15	1	4	.....	9	5	.....
75	Sextons.....	1,151	6	16	25	4	2	19	46	32	12	4	52	29	17
76	Short-hand writers.....	154	.....	1	8	2	2	.....	8	22	.....	1	1	1	3
77	Showmen and showwomen.....	1,177	4	1	80	14	2	.....	3	78	47	17	4	17	18
78	Soldiers, (United States Army).....	23,081	363	117	940	62	63	398	719	139	72	.....	1219	405	411
79	Teachers, (not specified).....	126,822	2004	994	1953	2711	361	250	2119	8609	5018	6012	1406	2961	1470
80	Teachers of dancing.....	149	1	10	7	.....	1	4	7	1	1	1	2	3	5
81	Teachers of drawing and painting.....	108	1	.....	9	1	.....	.....	6	4	3	.....	3	2	2
82	Teachers of music (a).....	3,491	88	17	249	207	15	.....	102	826	338	287	72	173	97
83	Translators.....	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
84	Veterinary surgeons.....	1,166	6	1	13	6	3	2	136	44	65	13	10	5	8
85	Whitewashers.....	2,873	27	34	53	32	10	2	37	130	60	37	9	167	72
	TRADE AND TRANSPORTATION.....	1,191,238	14435	5491	33165	24730	3437	3023	17410	80422	36517	28210	11762	25292	23831
86	Agents.....	10,490	70	9	171	234	19	4	95	391	531	309	80	67	205
87	Apprentices in stores.....	678	6	14	7	12	3	7	24	25	17	.....	17	24	3
88	Bankers and brokers of money and stocks.....	10,631	49	24	455	175	13	16	83	611	244	409	76	210	191
89	Barkeepers.....	14,362	127	102	955	133	38	37	224	575	226	214	101	553	697
90	Boatmen and watermen.....	21,332	85	22	284	130	97	72	23	301	158	175	83	145	201
91	Book-keepers and accountants in stores (d).....	31,177	395	68	890	1288	17	60	482	2074	645	460	159	402	457
92	Cavalmen.....	7,338	.....	4	2	26	.....	.....	62	50	.....	40	.....	.....	.....
93	Clerks in stores (d).....	222,504	2969	1288	5040	3641	687	455	3028	13986	6205	3862	1917	4023	6356
94	Clerks and book-keepers in banks.....	7,103	23	4	126	140	21	1	35	361	132	103	29	147	72
95	Clerks and book-keepers in express companies.....	767	6	1	54	20	1	.....	21	63	33	6	2	41	6
96	Clerks and book-keepers in insurance offices.....	1,568	6	.....	55	134	.....	1	4	128	12	.....	1	20	45
97	Clerks and book-keepers in railroad offices.....	7,374	76	7	88	109	22	7	171	718	284	.....	110	151	117
98	Clerks and book-keepers in telegraph offices.....	101	2	.....	6	7	.....	1	8	3	.....	38	2	.....	.....
99	Commercial travelers.....	7,262	6	3	102	420	6	1	10	1656	111	345	86	68	17
100	Draymen, hackmen, teamsters, &c.	120,750	1114	461	4582	2003	204	204	1279	7879	4031	3243	1360	2821	2021
101	Employés of trading and transportation co's (c).....	4,152	1	45	28	614	46	.....	1	15	2	24	5	135	12
102	Employés of banks, (not clerks).....	424	6	1	13	2	10	.....	1	40	8	.....	12	51	4
103	Employés of express companies, (not clerks).....	8,554	36	2	294	215	13	4	89	1953	292	161	67	103	15
104	Employés of insurance companies, (not clerks).....	11,611	83	35	310	315	15	15	145	1218	408	412	125	228	66
105	Employés of railroad companies, (not clerks).....	154,027	3967	425	1742	5020	234	278	4920	14946	7377	7155	3287	3036	559
106	Employés of street railroad companies, (not clerks).....	5,103	23	.....	166	71	.....	.....	14	195	63	.....	70	205	11
107	Employés of telegraph companies, (not clerks).....	8,316	54	27	178	137	26	44	84	746	505	37	66	126	77
108	Hucksters.....	17,362	144	32	421	242	57	16	296	707	482	136	55	276	891
109	Laborers.....	14,882	332	11	914	98	15	63	73	1760	217	58	10	136	146
110	Milkmen and milkwomen.....	3,728	2	.....	46	59	13	.....	277	17	20	6	83	78	30
111	Mule-packers.....	473	.....	89	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
112	Newspaper carriers and carriers.....	2,002	13	3	87	8	4	.....	17	100	16	21	7	53	81
113	Officials of trading and transportation co's, (c).....	976	3	3	28	61	9	1	8	43	6	34	8	18	50
114	Officials of banks.....	2,738	13	1	36	181	13	1	22	84	68	31	7	27	45
115	Officials of express companies.....	75	.....	3	2	.....	.....	8	2	.....	.....	.....	4	23	1
116	Officials of insurance companies.....	762	11	.....	12	67	2	.....	6	34	4	4	4	23	1
117	Officials of railroad companies.....	1,902	25	42	35	8	21	14	105	38	46	23	30	54	37
118	Officials of street railroad companies.....	88	.....	6	2	.....	4	2	2	.....	9	2	.....	.....	1

(a) See Musicians, (Professional), and Teachers of music.

(b) See Officials of Express, Insurance, Railroad, Street railroad, and Telegraph companies, of Trading and transportation companies, (not specified,) and of Manufacturing and mining companies.

(c) See Artists, (not specified), Painters, and Sculptors.

(d) See Book-keepers and accountants in stores, Clerks in stores, and Salesmen and saleswomen.

(e) Not specified.

PERSONS ENGAGED IN EACH OCCUPATION.

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TABLE XVIII.—THE UNITED STATES—Continued.

Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Nebraska.	New Hampshire.	New Jersey.	New York.	North Carolina.	Ohio.	Oregon.	Pennsylvania.	Rhode Island.	South Carolina.	Tennessee.	Texas.	Vermont.	Virginia.	West Virginia.	Wisconsin.	The Territories.	
5	63	4	1	.....	6	.....	1	2	3	36	6	1	19	11	.....	.....	1	2	.....	3	4	57	
100	651	342	137	68	448	55	62	123	185	1168	25	604	66	584	81	33	151	74	114	27	250	183	
90	8	.....	.....	.....	.....	.....	47	.....	12	.....	65	.....	2	.....	.....	.....	81	2	.....	1	43	59	
418	856	152	13	5	180	20	4	13	250	2857	5	354	25	2008	148	2	81	2	12	85	2	71	129
1	.....	.....	.....	.....	66	.....	1	2	.....	1	2	3	.....	.....	.....	.....	.....	.....	.....	1	22	61	
31	6	5	5	41	62	2	4	.....	24	146	.61	38	.....	45	.....	23	18	30	78	11	24	17	62
104	500	130	31	13	324	53	45	32	126	2342	15	283	28	431	99	15	63	56	16	58	10	123	275
5	29	9	9	2	8	1	1	2	31	50	2	9	.....	36	3	1	5	3	1	2	2	12	19
329	1288	105	22	190	239	7	9	82	302	2020	284	420	17	1182	148	533	151	61	24	498	19	67	234
91	201	26	17	4	32	62	7	.....	75	201	10	53	9	49	19	11	7	222	4	120	1	5	513
180	143	114	164	69	254	31	39	30	40	798	10	44	6	341	.....	13	14	3	28	202	6	11	100
1045	2671	1258	286	706	1215	201	215	337	1400	5236	945	2807	151	5319	271	475	1181	841	256	1393	463	961	881
31	94	31	16	.....	13	.....	.....	11	39	112	1	85	.....	5	22	1	8	.....	3	3	17	3	69
1257	2047	2034	402	1511	3500	247	110	565	1208	6810	1143	4638	206	4843	260	780	2220	1006	569	2126	612	915	653
832	1240	1697	548	98	1879	260	456	170	1332	6415	20	3132	213	2486	209	22	381	194	54	210	134	1261	869
981	54	.....	1	.....	.....	.....	.....	7	34	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	38	73	
15	.....	1	.....	1	8	.....	.....	11	105	.....	14	.....	35	.....	4	.....	.....	4	.....	2	17	73	
2	23	5	3	2	9	.....	.....	7	85	.....	26	.....	15	4	1	.....	5	.....	1	9	8	74	
50	46	26	.....	3	46	1	.....	48	253	8	107	.....	148	30	6	10	2	6	29	0	16	28	75
3	3	1	11	4	.....	.....	17	47	.....	3	.....	5	1	.....	1	.....	.....	1	.....	1	8	76	
12	56	53	2	2	50	3	40	4	7	386	4	111	.....	58	3	.....	11	9	2	4	35	19	77
28	346	330	211	214	177	1380	145	20	13	2111	245	66	49	203	248	44	162	3108	4	464	76	14	7882
2013	7220	4708	1754	1496	4117	316	56	1987	2698	18557	1798	12084	396	11200	861	1074	2250	1621	1895	2521	866	4164	853
5	17	1	1	.....	2	.....	.....	.....	30	3	10	.....	12	1	1	3	9	.....	4	1	3	4	60
2	1	2	4	.....	4	.....	.....	2	18	.....	8	.....	25	3	.....	14	.....	.....	.....	.....	81		
9	172	847	349	88	28	298	14	5	123	313	1093	39	811	14	775	101	36	77	79	109	105	30	269
2	.....	1	.....	1	.....	.....	4	.....	4	8	.....	1	.....	.....	.....	.....	.....	.....	.....	5	83		
25	42	66	31	2	53	7	1	3	44	206	.....	90	.....	174	3	1	7	3	6	40	2	68	10
924	71	26	7	15	924	2	3	2	50	425	6	338	2	108	22	29	53	7	1	441	8	29	98
35542	83078	29588	10582	9148	54885	4028	3621	8514	46206	234581	10179	78547	2619	121233	10108	8470	17510	13612	7132	20181	6897	21534	16903
124	604	204	134	42	770	41	31	91	354	3410	13	671	9	693	323	29	71	11	99	52	32	95	100
47	42	7	6	3	34	.....	.....	14	29	58	.....	57	3	102	19	6	7	.....	1	15	.....	9	87
108	480	268	183	30	458	28	32	60	590	3844	22	636	10	478	101	57	138	72	27	94	51	164	98
435	106	308	115	138	1442	91	176	53	327	3044	100	571	67	1919	67	24	246	232	25	281	30	237	268
1736	132	102	47	5	1370	7	16	26	2235	9878	926	844	30	1152	.....	53	55	210	41	644	149	332	60
619	2779	882	214	217	1555	56	117	106	1500	8043	83	2411	85	2240	688	185	390	292	83	140	51	571	206
46	5	23	.....	.....	.....	.....	263	1750	1	400	.....	4234	.....	.....	.....	.....	.....	313	10	5	4	92	
6949	17121	5561	1800	2204	9681	724	395	1745	6833	51096	2175	13283	409	20467	3159	2084	3150	2503	1108	3680	1228	3053	2913
149	435	142	43	11	211	10	6	38	612	2741	16	443	4	583	74	27	33	31	15	63	14	107	70
13	51	11	9	.....	38	.....	3	.....	46	100	.....	78	3	71	4	9	10	11	5	21	2	91	
59	187	9	.....	89	.....	.....	139	436	.....	95	.....	49	27	8	5	5	5	5	38	1	9	96	
196	377	198	38	41	390	73	13	44	391	972	50	671	1	1370	82	81	95	39	22	106	8	178	53
5	19	3	.....	3	1	.....	9	27	.....	7	.....	25	3	5	1	1	2	1	4	8	98		
76	919	265	90	28	196	5	6	46	187	701	15	1024	10	236	28	18	77	29	24	11	20	367	23
3520	8103	2939	1032	500	6300	550	1161	742	3461	22120	668	8964	498	12546	809	661	1532	2802	846	1375	565	2083	2968
193	581	15	202	1	17	1	10	88	1163	133	1	542	31	10	70	10	30	50	.....	14	3	1	53
10	44	8	.....	17	.....	.....	1	38	93	.....	7	.....	29	2	4	5	2	4	5	5	6	102	
62	1289	141	68	25	295	61	21	94	441	1813	27	680	11	438	102	15	183	21	52	14	17	103	
169	816	549	158	66	717	58	21	104	388	2117	80	881	11	805	2	49	143	47	119	123	38	513	58
2500	5043	3257	2500	1358	7710	1983	240	1819	5584	18454	2175	11318	73	18061	449	1112	3015	592	1570	2944	2504	2025	2368
125	541	34	.....	238	.....	.....	145	1405	7	193	.....	1348	76	20	29	9	.....	11	.....	7	98	106	
212	323	294	99	59	206	73	58	56	312	1320	41	916	19	1210	42	32	99	72	49	32	49	183	228
1402	1135	347	19	33	542	9	5	157	722	2903	169	1402	37	2393	185	304	172	123	70	525	64	119	418
534	1255	176	33	10	1594	19	36	61	377	3963	62	1240	46	399	303	77	42	61	10	113	5	303	140
110	350	50	9	94	70	.....	23	26	278	1583	.....	71	6	330	26	3	4	14	2	20	.....	72	
2	16	7	.....	3	.....	.....	150	.....	3	.....	41	.....	.....	.....	.....	.....	.....	.....	.....	189	111		
64	85	11	6	1	187	1	6	5	34	544	3	155	4	380	2	17	9	5	.....	37	3	7	94
30	123	45	15	3	33	1	5	17	94	162	4	46	14	40	11	10	13	4	.....	6	1	9	17
56	432	74	16	5	97	5	3	48	217	380	13	154	2	318	77	29	14	.....	50	40	24	27	
11	2	4	1	1	4	1	.....	5	12	.....	1	.....	11	0	.....	1	.....	.....	.....	.....	115		
32	85	4	3	12	32	.....	1	91	149	.....	59	.....	72	9									

PERSONS ENGAGED IN EACH OCCUPATION.

TABLE XVIII.—THE UNITED STATES—Continued.

	OCCUPATIONS.	The United States.															
		Alabama.	Arkansas.	California.	Connecticut.	Delaware.	Florida.	Georgia.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.		
119	Officials of telegraph companies.....	72	1	1	3	1	1	2	8				4				
120	Packers.....	1,421	1	61	71		11	2	21	26	13		19	13			
121	Pawnbrokers.....	384		43	2			1	39	5	1	3	1	2	1		
122	Peddlers.....	16,975	36	7	623	494	10	3	83	1101	470	288	72	257	293	378	
123	Pilots.....	3,049	80	36	48	57	20	72	77	117	159	18	6	211	248	34	
124	Porters in stores and warehouses.....	16,631	193	187	671	186	10	28	335	504	154	122	83	587	581	49	
125	Sailors.....	56,663	155	17	2531	2402	583	611	93	1829	26	20	16	10	683	11670	
126	Salesmen and saleswomen (a).....	14,203	31	12	374	35	67	1	35	330	65	67	13	219	44	152	
127	Shippers and freighters.....	3,507	63		184	59		26	55	60	61	58	9	28	211	62	
128	Steamboat men and women.....	7,975	102	143	434	92	24	69	91	581	337	184	10	427	633	50	
129	Stewards and stewardesses.....	1,245	15	24	37	1	8	14	15	38	61	34	4	56	74	5	
130	Toll-gate and bridge keepers.....	2,253	7	3	114	10	13	3	18	91	268	3	9	298	10	16	
131	Traders and dealers, (not specified).....	100,406	1970	1273	3517	1023	358	316	1444	6172	2330	1940	828	2335	2517	1544	
132	in agricultural implements.....	1,939			1	11			1	286	56	277	39	11	1	4	
133	books and stationery.....	3,302	12	4	141	73	2	14	31	288	101	81	39	66	56	61	
134	boots and shoes.....	7,019	23	2	121	210	18	1	50	464	272	176	40	153	120	151	
135	cabinetware.....	4,087	20	9	145	80	4	1	27	392	135	156	59	96	73	91	
136	cigars and tobacco.....	8,234	16	15	310	147	28	2	52	450	194	110	51	656	186	9	
137	clothing.....	7,595	18	7	304	96	22	11	63	512	213	170	73	137	97	119	
138	cloths and textile fabrics.....	1,163			37	2			5	56	12	3		18	7	92	
139	coal.....	4,143	4	5	63	115	24		8	274	95	20	8	126	18	15	
140	coal and wood.....	2,493	18	10	204	43		2	16	133	21	83	4	17	174	32	
141	cotton.....	1,701	215	3		1		1	256	2	1			2	313		
142	crockery, china, and stoneware.....	1,765	4	1	60	39	12	2	13	83	49	37	11	30	44	28	
143	drugs and medicines.....	17,369	169	95	462	244	51	39	188	1020	936	749	216	523	254	257	
144	dry-goods.....	39,790	558	513	577	350	104	132	1126	2770	2337	1879	506	1392	802	650	
145	gold and silverware and jewelry.....	6,402	64	22	259	142	7	1	3	571	156	305	96	107	118	106	
146	groceries.....	74,410	806	391	1840	1341	172	275	1696	4676	2946	1960	784	2120	2111	1697	
147	hats and caps.....	3,375	4	12	166	62	8	1	7	154	53	27	14	100	61	12	
148	ice.....	1,464	7	2	13	48	5	2	14	120	47	22	13	32	50	28	
149	iron, tin, and copper wares.....	9,003	39	9	166	197	37	11	87	430	510	554	69	178	65	192	
150	leather, hides, and skins.....	2,261	6	4	10	27	3	1	2	157	59	50	8	31	32	8	
151	lime.....	310	1		5		5		3	14	26	12		6	2	1	
152	liquors and wines.....	11,718	47	41	600	118	29	23	117	506	235	71	58	250	129	36	
153	live stock.....	7,723	14	32	303	54	1		42	1051	362	330	296	283	52	59	
154	lumber.....	9,440	19	11	244	131	49	11	83	1046	434	411	189	111	112	345	
155	machinery, (not specified) (b).....	254			2	14			24	3	9		4	5			
156	music and musical instruments.....	818	6		9	30	2	1	4	69	23	24	5	9	13	18	
157	newspapers and periodicals.....	1,453	9	4	33	23	3		3	77	17	40	10	11	26		
158	oils, paints, and turpentine.....	986				26	3			34	0					8	
159	optical instruments.....	301			10	19				1	8			2	4	2	
160	produce.....	11,809	16	4	428	91	55		22	1591	390	770	72	132	87	184	
161	provisions.....	7,528	18		115	278	21	14	14	97	138	61	3	84	154	261	
162	real estate.....	8,933	17	17	566	81	5	11	31	1062	211	131	302	112	69	21	
163	sewing-machines.....	3,152	7		19	35	16		12	295	284	138	56	133	30	20	
164	Undertakers.....	1,996	10	1	51	36	20		7	72	53	11	5	47	28	22	
165	Waighers, gaugers, and measurers.....	926	21		14	3	1		2	55	4	6	1	49	59	8	
166	Wreckers.....	93			2			2		3					1	2	
	MANUFACTURES, MECHANICAL AND MINING INDUSTRIES.	2,707,421	17070	6271	81508	86344	9514	4201	27010	133221	76057	47319	18126	44197	25807	62007	
167	Agricultural implement makers.....	3,811	31		229	4			24	125	104		1	5	1	172	
168	Artificial flower makers.....	1,169		1						10				1	2	3	
169	Apprentices, (not specified) (c).....	15,302	54	18	356	337	145	21	58	775	326	103	26	189	293	77	
170	Bag-makers.....	866			92				1	12				39		4	
171	Bakers.....	27,680	130	60	870	309	111	56	284	1440	750	396	197	369	846	178	
172	Basket-makers.....	3,297	16	1	66	156	40	1	32	119	107	44	2	66	21	24	
173	Bell-founders.....	160			121								2				
174	Belting-factory operatives.....	296			25					3	3			11		8	
175	Blacksmiths.....	141,774	1895	931	3310	2698	537	313	2262	9412	6121	4094	2223	4138	1483	2697	
176	Bleachers, dyers, and scourers.....	4,901	14		52	271	15		15	94	74	39	14	29	15	67	
177	Blind, door, and sash makers.....	5,155	6	2	112	186	47		6	140	44	55		75	9	249	
178	Boat-makers.....	2,101	9		12	47	4	1	5	21	22	12	2	14		78	
179	Bone and ivory workers.....	208			11					3	9					7	
180	Bookbinders and finishers.....	9,104	9	8	72	203	7	1	31	348	113	79	30	106	56	52	

(a) See Book-keepers and accountants in stores and Clerks in stores.

(b) Not agricultural implements.

(c) All apprentices to manual trades whose trades were specified on the schedule have been included in these tables with the journeymen of their respective crafts

PERSONS ENGAGED IN EACH OCCUPATION.

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TABLE XVIII.—THE UNITED STATES—Continued.

Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Nebraska.	Nevada.	New Hampshire.	New Jersey.	New York.	North Carolina.	Ohio.	Oregon.	Pennsylvania.	Rhode Island.	South Carolina.	Tennessee.	Texas.	Vermont.	Virginia.	West Virginia.	Wisconsin.	The Territories.		
1	6	1	1	1	3	4	6	8	10	12	13	14	15	16	17	18	19	20	21	22	23	24	4	119	
105	144	37	1	1	30	33	398	95	3	223	18	1	14	1	1	1	1	16	7	19	36	120	1		
5	27	17	1	1	29	3	1	1	105	27	41	1	4	3	1	1	1	3	1	1	1	21	121		
183	1459	634	68	42	510	32	84	128	431	6510	40	1465	25	1330	202	5	195	35	233	19	33	303	45	122	
65	140	9	99	12	364	2	5	143	509	115	249	24	287	5	52	48	2	47	63	63	108	19	123	19	
701	1007	220	33	104	1470	33	37	30	246	5532	61	761	19	1133	64	184	234	92	30	471	37	88	341	124	
3947	10454	2209	32	116	95	4	5	170	2588	8785	499	1438	75	1477	604	404	13	195	38	1183	5	1142	620	125	
611	1676	96	30	8	1083	10	1	29	530	2090	2	381	2	5772	86	3	77	6	23	129	12	87	15	126	
65	215	67	35	51	105	26	11	6	123	636	.....	55	31	335	39	70	32	74	19	226	9	44	419	127
107	107	35	56	132	1001	3	.....	176	456	97	1020	58	165	81	27	492	118	8	76	55	258	70	128	128
33	15	40	1	7	127	4	8	4	25	194	3	153	32	116	15	2	19	3	40	3	2	13	129	129	
61	36	71	4	15	33	7	149	280	4	298	19	237	4	1	86	15	6	57	34	38	34	38	130	130	
3392	6590	2761	1034	2049	4757	474	396	784	3268	15974	1574	3905	356	10101	637	1277	2106	2900	1083	2355	718	2205	1378	131	
13	20	100	71	.....	54	11	.....	13	63	1	30	3	732	3	4	15	5	19	3	82	7	133	133	133
84	322	154	45	11	123	15	7	37	167	581	18	213	10	245	27	21	38	49	19	40	4	65	122	133	
174	922	245	40	9	241	11	7	90	262	1395	11	568	12	726	104	26	55	12	22	91	12	105	60	134	
96	384	165	59	15	228	23	14	39	122	770	6	231	11	305	.....	15	59	19	42	32	14	95	55	135
430	258	193	23	25	621	37	17	2	215	1529	210	536	17	1025	18	24	94	42	7	430	41	88	123	136	
316	588	256	37	1	144	22	33	63	243	2173	6	617	8	678	55	26	41	20	31	94	11	171	119	137	
36	65	27	1	1	26	1	.....	41	319	16	302	.....	23	2	3	3	3	3	3	3	3	2	138	138
90	253	11	1	7	94	6	.....	281	691	.....	350	.....	1484	39	4	29	.....	13	30	13	18	5	139	139
72	290	62	24	17	91	3	8	23	91	573	1	86	15	48	37	26	31	13	5	39	.....	32	143	140
35	98	2	15	4	1	.....	37	274	2	16	.....	21	66	123	176	33	.....	3	.....	2	.....	141	141	141
46	98	45	13	5	78	4	1	9	101	526	2	130	5	152	19	3	34	10	3	30	.....	31	17	142
399	815	648	200	240	1089	82	39	115	458	2619	95	1170	71	1754	71	86	317	183	112	270	83	419	225	143	
500	1690	1056	418	627	1704	95	21	318	905	5134	600	3661	96	4236	233	331	1380	849	230	921	308	780	257	144	
161	477	415	92	59	290	.....	93	158	701	38	277	24	814	90	29	86	46	125	92	25	214	58	145	145
1930	4073	2140	551	602	2700	250	154	541	2637	12049	580	6529	120	6825	878	575	1563	1092	308	1666	342	1374	1138	146	
180	233	72	10	11	65	2	4	30	69	569	38	219	7	941	34	12	37	4	4	62	10	43	32	147	147
23	118	38	13	10	95	4	4	19	67	374	4	80	2	87	10	3	25	3	4	29	1	27	15	148	148
233	605	55	71	20	398	36	93	357	2143	13	982	15	666	25	35	107	43	97	67	19	331	49	149	149
64	450	37	70	74	3	1	5	110	540	122	2	272	7	4	92	3	1	10	1	37	13	150	150
16	9	8	4	2	7	23	36	21	1	79	4	3	6	10	1	1	151	151	151
281	400	120	44	15	295	32	34	60	636	4638	112	467	21	1365	175	66	119	80	.....	61	23	187	183	152
137	290	135	31	23	611	59	45	14	134	856	16	961	39	703	7	7	107	117	74	85	14	130	304	154	
162	487	369	122	64	371	39	17	150	310	1396	23	733	4	1022	74	21	63	70	100	144	33	358	104	154	
20	8	4	13	1	.....	.....	16	30	.....	23	.....	44	4	.....	1	.....	3	8	.....	17	2	155	155	155
14	76	58	4	17	3	2	5	26	246	.....	77	2	51	5	2	8	3	8	5	2	15	6	156	156
29	97	42	5	2	29	5	10	6	81	600	1	81	2	86	16	2	13	1	1	32	8	19	25	157	
191	18	.....	.....	.....	.....	.....	78	386	105	.....	97	22	.....	.....	.....	.....	.....	.....	17	1	1	12	158	158
5	23	6	16	163	10	18	6	2	1	2	3	1	1	2	3	159	159	159
289	690	298	187	8	352	18	20	79	620	2684	15	936	24	935	16	24	114	22	88	40	11	404	94	160	160
292	2110	45	10	3	76	5	1	30	444	2044	6	274	5	257	403	36	16	6	20	45	5	23	90	161	161
157	482	320	50	2	552	149	56	37	544	2014	6	337	18	1028	20	24	50	70	11	107	141	116	103	103
39	131	170	60	234	3	10	87	407	1	495	285	19	26	3	18	2	6	36	2	14	29	164	164
49	145	35	1	4	45	9	5	20	139	624	5	154	2	267	26	3	18	2	6	36	2	14	29	164	164
83	59	7	2	40	4	17	296	41	1	116	8	5	4	1	1	10	1	10	105	105	105
13	5	43	1	2	1	2	1	1	1	1	1	1	1	1	166	166	166
63326	292665	82637	18588	9981	79850	5763	13789	46553	103322	476773	20592	197010	8694	350240	47007	13794	29061	15570	22016	49413	17673	53517	43904	43904	
16	279	60	10	10	57	44	1317	6	943	203	54	32	16	17	33	1	167	167	167	167
3	9	.....	.....	.....	6	.....	14	1105	.....	4	.....	3	2	.....	1	.....	5	168	168	168	168	168	168	168
986	1482	342	47	44	584	11	7	19	1955	2420	63	62	23	3870	188	153	97	56	70	303	60	197	179	160	160
10	72	10	13	165	281	130	15	2	2	1	1	1	1	1	170	170	170
979	1563	509	157	99	1104	80	95	99	1395	7273	86	2473	52	3446	215	194	165	252	62	350	70	407	550	171	171
84	194	114	10	3	110	2	58	292	705	24	323	.....	325	6	14	33	8	54	70	23	183	27	173	173
1	2	1	1	3	.....	14	9	10	29	33	10	2	92	34	.....	1	.....	1	11	53	5	7	178	178
1	96	3	22	16	33	10	2	92	34	1	1	1	1	1	1	174	174	174

TABLE XVIII.—THE UNITED STATES—Continued.

	OCCUPATIONS.	The United States.																	
		Alabama.	Arkansas.	California.	Connecticut.	Delaware.	Florida.	Georgia.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.				
181	Boot and shoe makers.	171,127	870	234	2501	2540	419	69	1375	6279	4299	2376	625	2268	1594	3757			
182	Box-factory operatives.	6,080			97	307	7		1	164	36		1	29	7	85			
183	Brass founders and workers.	4,604		27	1278	2		1	172	19	4	1	41	14	14				
184	Brewers and maltsters.	11,246	5	5	568	91	13	2	848	588	334	96	164	66	25				
185	Brick and tile makers.	26,070	208	59	415	542	171	16	338	1720	1236	335	265	521	120	393			
186	Bridge builders and contractors (a).	1,020	22		1	26	7		11	94	37	66	15	25	9	9			
187	Britannia and japanned ware makers.	1,092			34	298			19		3		2		2				
188	Broom and brush makers.	5,816	6	7	62	49	11	1		331	196	83	28	76	52	64			
189	Bronze-workers.	79				1	2	1		1									
190	Builders and contractors, (not specified) (a).	7,511	39	37	273	248	13	13	10	404	204	163	49	106	132	68			
191	Butchers.	44,354	211	98	1086	820	921	63	289	3209	1302	1006	468	636	1110	417			
192	Button-factory operatives.	1,272				544				1									
193	Cabinetmakers.	49,635	142	89	437	613	92	23	364	2103	2210	1023	255	1023	208	366			
194	Candle, soap, and tallow makers.	1,042	11		55	89	4		2	94	27	24	12	36	35	36			
195	Card and fancy-paper makers.	339				1													
196	Car-makers.	2,928	12		7	66	96		43	73			36	10	8	9			
197	Carpenters and joiners.	344,596	2902	1549	7413	7130	1291	1049	4723	23040	14179	12418	5064	5287	4378	6474			
198	Carpet-bag and satchel makers (b).	202								2				2					
199	Carpet-makers.	15,669	56	4	19	1486	69	20	192	385	331		27	127	9	154			
200	Carriage and wagon makers.	42,464	200	138	519	1640	361	7	543	3534	2338	283	338	1463	89	931			
201	Charcoal and lime burners.	3,834	84		106	173	1	1	25	257	73	77	28	48		255			
202	Cheese-makers.	3,534			9	7				126	2	21	1	9					
203	Cigar-makers (c).	28,286	53	9	1900	610	68	284	85	1438	534	364	139	471	703	87			
204	Clerks and book-keepers, (in manufact'g estab'ments)	5,861	22	4	119	166	54	3	25	294	164	44	15	157	116	56			
205	Clock-makers.	1,779	4		4	1153			4	14	21	1	2	74	3	7			
206	Comb-makers.	693			2	55				1									
207	Confectioners.	8,219	67	21	123	137	32	9	50	384	223	133	46	315	137	126			
208	Coopers.	41,789	120	32	451	211	146	51	136	3550	3135	841	123	1021	1141	1092			
209	Copper-workers.	2,122	21		47	94	10	1	16	91	44	16	5	34	67	9			
210	Cotton-mill operatives (d).	111,006	744	62	15	9057	472	1	2052	63	447	9	2	208	419	8774			
211	Curriers, tanners, and finishers of leather.	28,702	89	30	229	212	110	20	147	535	558	45	28	300	45	643			
212	Daguerreotypists and photographers.	7,558	48	45	189	156	14	19	83	605	305	253	92	159	63	165			
213	Die-shinkers and stamp-makers.	479			5	54	1	1	3	12	5	3	1	1	8	11			
214	Distillers and rectifiers.	2,874	10	2	70	25	3	4	5	493	81	33	14	292	30	5			
215	Employés of manufacturing establishments (e).	20,242	84	30	731	713	90	17	78	1842	240	415	61	253	146	130			
216	Engineers and firemen.	34,233	103	126	970	630	137	79	93	1977	1048	707	196	730	602	331			
217	Engravers.	4,236	3	1	73	92	3	1	4	199	35	10	12	30	29	10			
218	Fertilizer-establishment operatives.	316				3	9		1	15	3					2			
219	File makers, cutters, and grinders.	1,413			8	59	2			43	63			7	2	28			
220	Fireworks makers.	101			1					2									
221	Fishermen and oystermen.	27,106	174	20	951	920	85	161	158	305	105	95	16	95	678	3896			
222	Flax-dressers.	1,046									5								
223	Fur-workers.	1,101				3				10		11	2	4		1			
224	Galloons, gimp, and bassel makers.	589																	
225	Gas-works employés.	2,086	14	1	37	48		1	24	91	32	3	5	44	10	21			
226	Gilders.	1,534			24	34			1	71	4			21	8	5			
227	Glass-works operatives.	9,518			38	84			2	109	225	7	3	155		24			
228	Glove-makers.	2,320			22					61	2	5	3	4					
229	Glue-makers.	241			13	1				11	1			3		1			
230	Gold and silver workers.	18,508	66	29	252	403	31	32	104	907	306	38	58	184	103	92			
231	Gun and lock smiths.	8,184	72	45	158	791	8	19	76	366	223	122	44	178	144	29			
232	Hair cleaners and dressers.	1,086	1		82	10				50	0	7		8	3	5			
233	Harness and saddle makers.	32,817	183	146	719	542	73	27	246	2682	1645	1334	445	1034	258	543			
234	Hat and cap makers.	12,625			34	2481				42	6			1	4	20			
235	Hoop-skirt makers.	962	1			70	4			7									
236	Hose-makers, (leather and other).	248			6	2	1							2					
237	House builders and contractors (a).	309	4		2	21	1	14	20	26	4			1					
238	Ice-cutters.	142	1			1			1							47			
239	Ink-makers.	78			1	1				4									
240	Iron & steel works & shops operatives, (not specified).	22,141	331		24	2478	63	1	466	128	487	11	6	280	19	206			
241	Iron-foundry operatives (f).	34,245	139	14	454	1928	167	5	211	1670	943	367	126	1037	253	442			
242	Iron-furnace operatives.	7,452	32		33	111	1		8	14	101			231		1			
243	Iron and steel rolling-mill operatives.	17,249	18		54	313	85		61	229	343	1		432		180			
244	Knitting and hosiery mill operatives.	3,053	9			1021				10				12		25			

(a) See Builders and contractors, (not specified); also Bridge, House, and Rail-road builders and contractors.

(b) See Trunk and valise makers.

(c) See Tobacco-factory operatives.

(d) See Mill and factory operatives, (not specified), and Woolen-mill operatives.

(e) Not specified.

(f) See Stove, furnace, and grate makers.

PERSONS ENGAGED IN EACH OCCUPATION.

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TABLE XVIII.—THE UNITED STATES—Continued.

Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Nebraska.	Nevada.	New Hampshire.	New Jersey.	New York.	North Carolina.	Ohio.	Oregon.	Pennsylvania.	Rhode Island.	South Carolina.	Tennessee.	Texas.	Vermont.	Virginia.	West Virginia.	Wisconsin.	The Territories.		
4793	48255	3605	846	516	3739	214	146	5412	5349	24309	1189	10617	158	19631	587	538	1688	628	1107	2986	1066	3151	1380	181	
145	998	66	.....	.....	143	80	2	.....	171	330	2435	.....	313	492	168	.....	7	2	34	94	2	22	2	182
132	648	20	1	14	160	1129	187	611	40	1	40	84	8	23	47	656	231	183
196	927	438	218	9	723	54	97	39	573	2169	5	1342	55	1128	16	1	40	84	8	23	47	656	231	184	
1128	2085	983	230	87	1290	109	17	364	1310	5336	103	2347	34	1826	200	15	374	263	133	212	324	486	467	185	
8	42	31	34	16	116	6	.....	18	22	103	4	158	.....	92	3	1	12	2	17	18	5	6	.....	186
3	354	.....	.....	.....	.....	4	157	130	.....	19	.....	64	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	187
133	746	134	16	1	237	3	15	163	1518	2	876	2	783	32	1	12	10	20	20	13	9	78	19	188
13	.....	.....	.....	1	4	.....	4	49	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	189
95	392	141	106	39	279	72	10	14	561	2139	9	467	13	884	18	20	61	29	16	50	22	91	117	100	
1566	1704	1381	332	149	1981	129	211	335	1295	11357	115	2717	147	5244	313	189	230	584	269	480	184	1012	856	191	
332	.....	.....	.....	.....	.....	185	37	.....	.....	.....	.....	169	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	192
1068	5100	1341	318	115	1255	40	21	804	910	8385	363	4960	77	5353	177	158	591	250	446	545	236	971	294	193	
47	248	28	13	3	112	5	.....	17	107	400	.....	167	3	222	30	.....	12	19	8	12	9	32	17	104
32	.....	.....	.....	.....	.....	117	.....	151	.....	2	.....	34	1	1	.....	.....	.....	.....	.....	.....	.....	.....	195	
174	66	4	.....	11	.....	17	53	252	.....	168	.....	1078	10	.....	2	3	3	.....	.....	.....	28	.....	196	
7904	23506	14693	4164	2072	11737	1848	500	4406	12560	53040	3154	27225	916	39255	3682	2454	5177	3760	3670	6912	2536	7815	4508	107	
22	1	.....	.....	.....	.....	128	30	.....	3	.....	13	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	108	
175	2378	216	56	12	137	5	1	127	532	2688	61	800	19	4000	296	71	191	135	21	488	114	296	103	199	
500	2190	1733	410	230	1836	60	23	321	1334	6138	569	5226	197	4487	141	166	915	383	410	740	288	1423	260	200	
93	119	85	21	112	56	3	18	5	92	1116	8	212	4	505	5	38	10	65	18	14	73	26	201		
2	52	64	11	.....	1	3	.....	2	20	2351	5	624	2	30	.....	2	.....	110	.....	77	.....	3	202	
1002	1000	537	94	2	1348	31	1	59	973	7750	4	2703	4	4708	264	68	24	38	43	65	143	592	91	203	
121	628	112	9	3	177	2	14	54	289	701	11	530	8	1330	95	70	45	6	10	170	20	27	73	204	
14	84	2	.....	13	.....	10	29	172	4	46	.....	80	2	13	3	11	5	1	3	205	.....	3	205	
431	.....	.....	.....	.....	.....	7	174	.....	3	.....	14	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	206	
555	405	108	51	69	418	23	17	48	375	1985	40	507	9	993	111	26	142	56	22	210	40	78	114	207	
1483	1323	2118	368	16	1945	25	6	298	576	5609	865	6283	61	3855	90	294	358	92	277	1213	940	1350	225	208	
51	267	54	6	5	83	6	5	36	130	435	14	130	3	274	34	6	27	12	1	20	0	25	28	209	
929	30195	5	41	183	198	.....	.....	12750	9215	7917	938	929	8	8054	13562	871	585	107	667	723	14	17	11	210
444	4757	450	21	35	284	15	6	357	998	11368	106	1533	51	3500	129	43	271	47	233	262	202	461	69	211	
166	546	337	102	46	257	30	13	141	140	1298	44	593	35	759	65	22	84	110	90	90	35	220	123	212	
9	84	10	3	2	18	2	.....	2	18	64	1	59	2	49	29	1	2	2	9	4	.....	0	1	213
50	51	10	7	7	86	3	2	.....	43	444	49	488	2	927	2	37	63	6	1	48	17	83	12	214
341	2326	169	98	142	284	58	235	235	509	3736	52	1380	6	2971	578	120	106	32	25	348	125	1348	223	215	
757	1726	1717	315	193	1519	64	389	101	1570	6013	144	2552	84	6040	363	140	573	241	214	279	376	626	419	216	
42	484	43	9	1	146	.....	1	26	399	1630	.....	260	.....	427	133	5	7	1	9	10	.....	17	81	217
9	88	30	.....	.....	.....	47	80	.....	6	.....	8	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	918	
14	121	18	1	.....	8	.....	34	97	421	184	.....	118	158	.....	1	.....	12	2	2	10	1	219		
3	.....	.....	.....	.....	.....	10	40	.....	26	.....	4	.....	.....	1	.....	.....	.....	.....	.....	8	230			
1560	5311	1075	57	55	140	2	8	78	1127	2357	1210	300	90	438	697	338	134	57	27	3580	7	340	250	221	
397	2	1	.....	.....	.....	.....	.....	100	159	.....	327	.....	17	.....	.....	.....	.....	38	.....	.....	.....	222		
3	193	4	6	.....	19	.....	.....	62	704	.....	19	.....	85	1	1	.....	.....	.....	1	.....	2	233		
89	.....	.....	1	.....	.....	24	325	.....	11	.....	119	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	224		
21	188	22	1	.....	31	3	1	25	63	624	10	203	6	415	36	5	11	8	.....	42	3	29	6	225
77	170	32	.....	17	.....	.....	67	652	.....	98	.....	216	17	4	2	.....	6	.....	8	.....	.....	226		
100	980	13	.....	3	106	5	17	1612	1024	.....	423	.....	4128	20	1	1	.....	5	324	6	5	227		
24	10	19	4	.....	14	.....	44	15	1904	1	15	.....	27	.....	1	.....	8	24	12	13	7	228		
6	6	1	.....	1	.....	3	24	31	.....	24	.....	107	1	.....	.....	.....	3	3	1	229	.....	229		
211	2652	163	48	69	420	62	44	33	2553	4731	62	1003	35	1437	1374	97	151	111	47	103	60	99	248	230	
175	499	104	63	57	326	11	13	78	285	2061	98	553	23	707	38	35	147	147	30	118	60	122	107	231	
75	114	17	4	.....	38	4	.....	7	14	374	1	76	1	74	23	5	3	1	3	2	.....	15	232	
556	1203	1022	330	171	1883	110	44	324	1272	5547	241	3121	127	3001	156	104	655	673	377	554	974	827	299	233	
17	2002	6	.....	14	.....	2	.....	3749	3651	.....	41	.....	510	21	14	.....	3	.....	7	.....	234			
273	14	2	.....	14	.....	.....	21	515	.....	45	.....	.....	.....	1	.....	1	.....	1	.....	8	.....	235		
2	22	.....	2	.....	.....	169	1	9	2	3	2	6	.....	8	5	.....	6	.....	6	.....	236			
2	106	5	8	4	14	12	5	23	34	40	.....	18	4	3	6	11	.....	7	8	.....	237			
5	47	.....	.....	.....	.....	6	15	.....	14	.....	14	.....	1	2	1	.....	1	.....	1	.....	238			
2	10	.....	9	.....	13	13	23	7	.....	7	.....	13	.....	1	.....	.....	.....	.....	.....	8	.....	239		
251	3769	84	14	1	865	4	.....	149	589	2462	.....	1482	5	6963	290	33	160	6	55	299	49			

PERSONS ENGAGED IN EACH OCCUPATION.

TABLE XVIII.—THE UNITED STATES—Continued.

	OCCUPATIONS.	The United States.												Maine.	
		Alabama.	Arkansas.	California.	Connecticut.	Delaware.	Florida.	Georgia.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	
245	Linen-mill operatives	706	—	—	—	—	—	—	—	—	—	—	—	—	—
246	Lumbermen and raftsmen	17,752	187	15	1366	55	7	329	160	139	401	189	44	62	180
247	Macaroni and vermicelli makers	29	—	—	14	—	—	—	—	1	—	—	2	3	—
248	Machinists	54,755	81	113	290	3148	234	98	28	2950	1194	597	220	893	375
249	Manufacturers	42,877	187	76	819	2171	194	44	167	1987	1398	730	209	434	925
250	Marble and stone cutters	25,831	33	18	445	788	38	6	138	1734	704	433	172	220	90
251	Masons, brick and stone	89,710	459	245	714	2003	244	103	867	5218	2450	2446	1466	976	1045
252	Mast, spar, oar, and block makers	653	—	—	2	16	2	—	—	—	2	—	—	3	1
253	Mattress-makers	375	9	1	11	6	—	—	8	15	4	—	—	17	38
254	Meat and fruit preserving establishment employees	770	—	—	8	—	—	—	—	8	9	—	—	—	123
255	Meat packers, curers, and picklers	1,164	—	—	67	13	—	—	1	186	44	17	10	23	19
256	Mechanics, (not specified)	16,514	374	193	98	1482	21	29	136	635	104	79	42	223	122
257	Mill and factory operatives, (not specified) (a)	41,619	848	153	281	4515	261	369	1282	1887	1010	650	186	861	160
258	Millers	41,582	868	259	457	443	188	92	1206	2865	2314	1484	357	787	110
259	Milliners, dress and mantua makers (b)	92,084	287	44	1507	2970	425	21	501	5224	1410	2517	443	1113	686
260	Mineral-water makers	458	—	—	4	8	—	—	2	29	6	4	—	4	5
261	Miners	152,107	183	13	36330	460	—	—	102	6954	1160	1220	369	1743	27
262	Mirror and picture frame makers	970	—	—	23	13	1	—	1	36	4	—	—	17	2
263	Morocco-dressers	1,728	—	—	—	9	184	—	—	—	—	—	—	3	—
264	Musical-instrument makers, (not specified)	377	1	—	2	55	—	—	—	8	3	—	—	10	1
265	Needle-makers	164	—	—	39	—	—	—	—	—	—	—	—	—	2
266	Officials of manufacturing companies	2,144	15	8	107	267	28	—	48	140	43	2	10	60	9
267	Officials of mining companies	576	7	—	66	5	2	—	2	24	14	9	—	9	1
268	Oil-cloth makers	454	—	—	—	—	—	—	—	1	—	—	—	—	115
269	Oil-refinery operatives	1,747	13	—	7	27	6	—	—	89	8	—	—	14	18
270	Oil-well operators and laborers	3,803	—	—	—	—	—	—	—	—	—	—	—	—	10
271	Organ-makers	607	—	—	5	8	—	—	—	22	1	—	—	1	4
272	Oyster-packers	443	—	—	—	48	—	—	—	—	—	—	—	—	—
273	Painters and varnishers	85,133	372	148	1850	2317	396	69	697	6294	2549	1798	704	1714	1020
274	Paper-hangers	2,490	1	—	51	24	28	—	—	166	70	25	4	88	21
275	Paper-mill operatives	12,469	42	—	21	984	110	—	36	227	190	48	3	58	476
276	Patent-medicine makers	409	—	—	—	2	—	—	1	0	—	—	—	1	—
277	Pattern-makers	3,970	10	3	69	101	30	2	37	171	99	—	12	67	23
278	Perfumers	248	—	—	2	3	—	—	—	3	—	—	5	—	49
279	Piano-forte makers	2,535	—	—	5	44	—	—	1	20	26	1	—	18	6
280	Plasterers	23,577	140	34	499	80	88	7	151	2357	1710	944	446	748	231
281	Plaster-molders	223	—	—	7	1	—	—	—	11	—	—	3	8	1
282	Plate-printers	231	—	—	—	8	—	—	—	3	4	10	—	22	—
283	Plumbers and gasfitters	11,143	28	2	361	938	30	3	52	602	85	43	15	130	88
284	Potters	5,060	25	9	28	78	10	—	27	309	137	125	12	55	4
285	Powder-makers	575	—	—	34	128	85	—	4	1	—	—	—	18	505
286	Printers	39,860	275	132	1045	631	87	73	436	2400	1146	942	409	573	452
287	Print-works operatives	3,738	—	—	9	—	—	—	—	2	—	—	1	—	3
288	Publishers of books, maps, and newspapers	1,577	5	5	36	51	2	5	13	179	55	40	15	8	12
289	Pump-makers	1,672	2	—	7	73	20	—	—	97	193	14	2	—	45
290	Quarrymen	13,589	25	2	134	1438	19	—	51	806	262	276	102	98	314
291	Quartz and stamp mill laborers	617	—	—	100	—	—	—	—	—	—	—	—	—	—
292	Rag-pickers	436	18	—	—	1	—	1	6	—	5	—	25	24	—
293	Railroad builders and contractors (c)	1,292	50	—	53	17	—	39	140	45	121	45	5	7	18
294	Reed and shuttle makers	200	—	—	—	9	—	—	—	—	—	—	—	—	31
295	Roofers and slaters	9,750	12	—	56	49	12	—	8	105	29	14	5	30	124
296	Rope and cordage makers	2,675	5	—	8	41	27	—	—	45	11	4	8	94	28
297	Rubber-factory operatives	3,586	—	—	981	—	—	—	—	15	1	—	7	—	—
298	Sail and awning makers	2,309	3	3	118	54	5	6	3	65	8	2	1	6	45
299	Salt-makers	1,721	—	—	32	—	—	—	—	1	—	2	5	1	—
300	Saw-mill operatives	47,298	491	209	1156	203	60	9	1215	895	2721	1347	205	764	339
301	Sawyers	6,939	14	34	54	132	51	30	13	336	307	109	170	127	98
302	Seale and rule makers	416	—	—	—	137	—	—	—	15	1	—	7	—	—
303	Screw-makers	780	—	—	—	133	—	—	4	—	—	—	—	4	—
304	Sewing-machine factory operatives	3,881	—	—	8	1279	15	—	—	4	—	—	—	—	4
305	Sewing-machine operators	3,042	1	—	—	6	—	—	2	—	33	—	4	—	—
306	Shingle and lath makers	3,788	5	34	23	13	3	8	27	83	134	21	25	51	39
307	Ship-carpenters	15,900	71	20	464	453	200	39	52	465	210	35	3	62	274
308	Ship-smiths	396	—	—	—	32	3	2	—	—	—	—	—	—	2356
309	Ship-calkers	3,068	10	1	157	64	8	11	4	100	37	25	2	51	100
310	Ship-riggers	1,057	—	—	40	24	4	—	—	—	—	—	2	1	121

(a) See Cotton-mill operatives and Woolen-mill operatives.

(b) See Shirt, cuff, and collar makers and Tailors, tailoresses, and seamstresses.

(c) See Builders and contractors, (not specified,) and Bridge and House builders and contractors.

PERSONS ENGAGED IN EACH OCCUPATION.

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TABLE XVIII.—THE UNITED STATES—Continued.

	Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Nebraska.	Nevada.	New Hampshire.	New Jersey.	New York.	North Carolina.	Ohio.	Oregon.	Pennsylvania.	Rhode Island.	South Carolina.	Tennessee.	Texas.	Vermont.	Virginia.	West Virginia.	Wisconsin.	The Territories.			
18	128	2185	1454	105	143	21	112	156	508	198	1533	239	246	185	3056	5	47	32	12	222	97	88	2106	724	245		
						2			1	2			1		3										246		
1027	8273	1130	235	143	726	139	171	1090	1770	11413	183	3779	53	8249	1912	198	467	195	531	446	194	798	328	248	247		
691	4500	1294	371	101	1259	56	33	1045	2005	8850	137	3149	90	5727	826	122	312	135	490	367	252	1029	183	210			
563	2847	339	194	19	1324	63	50	454	644	6892	62	2113	41	2779	238	38	30	24	501	129	32	348	220	250			
2243	5739	3196	925	384	3671	394	133	841	4235	16504	699	7852	57	12474	1360	456	1357	767	827	1433	774	1997	1155	251			
15	160	6	1						2	26	228		11		97	15					13				4	252	
15	11	1		8	43				14	14	42	7	35		10	2	9	13	17		14	2		9	253		
363	69	6								78	71		26		7	2									254		
12	90	13	5		84	4			2	19	215		227	1	43	18	1	1	21		7	20		1	255		
207	1306	152	24	184	616	32	91	285	607	5498	376	898	25	675	331	178	215	167	440	258	66	193	68	256			
895	4629	1734	526	357	1341	47	536	153	2387	3188	325	505	216	5929	949	178	321	296	1135	1090	54	532	700	257			
1116	645	1585	599	410	2939	167	25	279	895	4407	1508	3137	130	4944	99	678	1454	493	354	2054	726	1406	330	258			
2041	7649	2905	620	573	1751	116	129	1570	3840	26540	184	6330	66	11330	1673	538	334	173	836	748	228	2133	983	259			
2	13	12	6		58	5			36	148		68	2	13	6	2	5			1		12	7	260			
2838	337	3426	35		2631	21	8241	24	2556	1904	538	12501	3965	41007	14	25	1058	13	231	1025	1525	1056	17505	261			
25	126	8		1	11				22	69	493		58		35	8		3		1	5		2	202			
22	671	5				1			2	148	117		2		564									263			
3	81	4	4		11	1			8	23	75		36		38	2	3	6				2		204			
4	46								25	2	39		5								2			205			
14	320	35	8	9	63	15			16	144	117	13	95	3	296	36	24	42	0	10	33	28	27	20	266		
20	9	5			17				10	24		9	2	295			7			10	9	1	19	267			
7					1				138	120				72										208			
19	73	3			14				59	385	3	443		459	30	2	4	3			57		1	269			
									14		130		3567							83				270			
7	316	11	1		3				7	22	198		23		19	1	2						10		271		
343									9															50		272	
1845	7887	2725	578	242	3226	273	104	1170	3549	18082	370	7333	148	8525	1205	358	792	371	850	836	305	1820	854	273			
917	435	8	8	1	116	3	0	15	103	525	1	229	1	137	23	1	20	4	3	15		10	65	274			
182	3567	164	98		21	1			194	514	2037	63	1054	15	1388	7	44	32		130	51	32	135	14	275		
16									4	44	97		33		196		4			2			1	276			
127	416	78	23	5	129	4	7	41	172	838	7	297	4	731	95	12	32	6	18	58	12	62	33	277			
15					9				5	139		4		61	1								1	278			
182	767	2		1	25				28	80	1147		25	1	131	1	1	2	1	2	4	6	5	279			
797	866	502	235	77	1622	127	18		471	2589	45	2723	36	4061	141	30	316	72	12	428	174	268	447	280			
40	1	1	3		6				14	60		11		44		3							1	281			
33	20								14	51		2		35	3								26	282			
376	1127	137	54	9	301	7	6	42	436	4208	15	555	11	1420	154	33	59	12	17	72	26	63	205	283			
129	134	47	11	12	131	3			7	872	521	28	1143	6	865		13	51	21	8	69	53	53	20	284		
27	6								4	2	94		23		84		7		5					285			
704	3178	869	298	211	1844	143	83	233	1110	10193	219	2648	132	4474	250	219	463	375	188	478	186	839	1218	286			
1	873	1							420	518	191		1		166	1545					1	3		3	287		
18	134	31	20	7	45	4	2		72	415	3	111	5	172	6	8	11	15	8	9	4	30	19	288			
90	134	100	20		12	1			42	217	9	210	3	249	2	7			10	43	3	51	14	289			
145	447	44	34		378	27	127	212	676	2552	12	1166	1	2582	151	1	37	14	1075	130	108	73	70	290			
									142															298	291		
13	20	3							13	99		36		9	5	31	8			5				292			
32	44	70	51		196		1	12	25	131	8	63		20	2	1	1	32	10	1	21	30	293		294		
55	314	23	4	2	58	4			17	190	715		133		626	23	5	13	4	40	13	4	10	23	295		
62	892	11	5		140				3	121	736		150	1	228	1	2	1	2	2	2	18	6	296			
1515									644	413														297			
131	436	41	2		29		4	13	61	616	10	43	2	210	30	15	2	10	2	41		21	24	298			
1	5	351			2							876		225		14	1	1	16				188		299		
254	814	10356	684	209	1163	18	18	1291	574	4042	316	3174	145	2600	51	271	646	446	992	496	207	4318	287	300			
270	201	542	3	62	178	24	10	24	41	1224	149	279	120	1578	28	57	114	58	352		37	117	301				
4	15				3				39	89		21		48	1				30					302			
									2	25		39		8	513									1	303		
3	330		10		1				10	2039		83		35	18								2	5	304		
12	710	18			9				22	78	1569		3		571	12							2		4	305	
62	10	757	46	49	28	4			22	18	421	263	226	21	278	28	4	30	92	10	49	27	415	40	306		
666	2369	538	11	6	335	2	1	113	688	3431	110	485	65	1215	156	78	34	60	53	203	65	203	151	307			
26	37								7	179		4		62		3							6		308		
234	421	58	3	4	100	2	2</																				

PERSONS ENGAGED IN EACH OCCUPATION.

TABLE XVIII.—THE UNITED STATES—Continued.

	OCCUPATIONS.	The United States	Occupations.													
			Alabama.	Arkansas.	California.	Connecticut.	Delaware.	Florida.	Georgia.	Illinois.	Indiana.	Iowa.	Kansas.	Kentucky.	Louisiana.	Maine.
311	Shirt, cuff, and collar makers (a).....	4,080	3	.....	11	695	2	.....	2	85	37	21	2	6	.....	53
312	Shot, cartridge, and fuse makers.....	186	.....	4	121	.....	.....	.....	2	1	.....	1	.....	.....	.....	.....
313	Silk-mill operatives.....	3,256	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
314	Spring and axle makers.....	301	.....	.....	.....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
315	Starch-makers.....	929	.....	3	.....	.....	.....	.....	.....	13	19	.....	.....	.....	.....	.....
316	Stave, shook, and heading makers.....	1,858	1	1	.....	1	15	.....	.....	6	264	.....	.....	14	2	71
317	Steam-boiler makers.....	6,958	31	2	212	76	65	6	184	301	215	89	.....	88	88	61
318	Steam-engine makers.....	4,172	42	4	70	25	58	3	108	219	221	25	.....	83	8	2
319	Stereotypers.....	333	.....	.....	2	21	7	.....	.....	11	.....	.....	.....	1	.....	.....
320	Stove, furnace, and grato makers (b).....	1,543	.....	.....	.....	7	3	.....	.....	11	26	1	.....	1	.....	1
321	Straw-workers.....	2,029	.....	.....	291	1	.....	.....	.....	.....	.....	1	.....	.....	.....	54
322	Sugar makers and refiners.....	1,609	.....	89	4	.....	.....	.....	.....	4	6	1	.....	50	24	.....
323	Tailors, tailoresses, and seamstresses (a).....	101,820	1076	265	1798	2363	255	275	2604	7910	3506	1286	534	3953	2559	2838
324	Tanners.....	30,594	141	81	998	684	126	25	245	1053	1101	736	254	605	333	487
325	Tool and cutlery makers.....	5,351	1	2	10	910	10	.....	2	31	67	8	.....	11	6	116
326	Trunk and valiso makers (c).....	1,845	1	.....	39	11	.....	.....	.....	135	34	9	1	49	5	2
327	Tobacco-factory operatives (d).....	11,985	1	.....	2	4	3	.....	57	187	78	.....	.....	1060	50	.....
328	Truss-makers.....	74	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
329	Type founders and cutters.....	649	.....	.....	33	.....	.....	.....	.....	15	.....	.....	.....	5	1	.....
330	Umbrella and parasol makers.....	1,439	.....	9	36	.....	.....	.....	1	13	6	1	1	5	4	1
331	Upholsterers.....	5,736	25	6	267	78	13	.....	37	334	59	39	25	87	64	47
332	Wheelwrights.....	20,942	421	162	398	280	227	133	712	535	332	294	144	343	203	389
333	Whip-makers.....	609	.....	15	6	.....	.....	.....	.....	8	3	.....	.....	2	.....	.....
334	Window-shade makers.....	245	.....	.....	.....	.....	.....	.....	.....	3	7	.....	.....	1	.....	.....
335	Wire makers and workers.....	1,834	.....	13	174	.....	.....	.....	.....	28	.....	.....	.....	5	4	19
336	Woodchoppers.....	8,338	597	107	1151	58	4	176	418	315	248	96	136	178	437	12
337	Wood turners and carvers.....	7,947	10	5	152	344	18	4	15	365	250	85	14	108	20	54
338	Woolen-mill operatives (e).....	58,836	41	5	188	4499	112	.....	185	581	1083	431	49	428	.....	2432

(a) See Milliners, dress, and mantua makers, Shirt, cuff, and collar makers, and Tailors, tailoresses, and seamstresses.

(b) See Iron-foundry operatives.

(c) See Carpet-bag and satchel makers.

(d) See Cigar-makers.

(e) See Cotton-mill operatives and Mill and factory operatives, (not specified.)

PERSONS ENGAGED IN EACH OCCUPATION.

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TABLE XVIII.—THE UNITED STATES—Continued.

Maryland.	Massachusetts.	Michigan.	Minnesota.	Mississippi.	Missouri.	Nebraska.	New Hampshire.	New Jersey.	New York.	North Carolina.	Ohio.	Oregon.	Pennsylvania.	Rhode Island.	South Carolina.	Tennessee.	Texas.	Vermont.	Virginia.	West Virginia.	Wisconsin.	The Territories.		
70	268	11	1	120	17	54	253	1913	67	348	14	2	3	5	1	3	13	311		
	13	.....	1	1	1	.....	2515	309	1	5	.....	5	.....	1	.....	.....	.....	.....	.....	1	312
431	.....	.....	.....	.....	.....	85	114	.....	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	313
45	.....	.....	.....	.....	.....	4	123	.....	55	.....	6	2	.....	.....	.....	.....	.....	.....	.....	.....	314
11	.....	.....	.....	.....	.....	5	8	486	2	307	.....	91	.....	31	.....	6	66	57	.....	.....	315
49	18	288	9	226	31	35	35	479	1848	858	4	586	130	39	33	7	9	67	23	73	71	316	
240	400	213	21	22	20	89	2	4	209	149	772	486	8	973	37	4	12	1	10	57	70	317	
252	97	52	20	89	2	4	209	149	772	486	8	973	37	4	12	1	10	57	70	318	
8	89	1	1	8	5	120	15	32	1	1	1	1	1	1	1	9	319		
10	73	20	1	1	11	1	17	534	367	410	20	1	1	1	2	17	5	320		
3	1436	3	1	1	37	10	87	18	71	1	4	1	1	1	4	321		
103	46	2	.....	68	.....	.....	83	884	.....	3	293	7	1	.....	1	1	1	1	1	1	322
5868	16787	3121	731	287	5243	217	115	888	6110	41627	1201	14180	90	19755	797	1990	1328	733	679	8130	730	2669	2314	323
1256	1594	870	203	145	1202	95	41	156	1153	6585	127	2909	83	3428	256	134	335	209	245	391	145	693	331	324
37	1383	26	24	1	20	2	120	305	1255	440	427	56	1	60	2	31	325		
54	147	37	.....	134	.....	1	2	484	241	.....	200	.....	185	8	.....	23	1	.....	31	5	326
84	21	67	.....	696	.....	.....	60	3020	748	543	.....	154	.....	5	1	6073	13	40	.....	327	
1	15	6	.....	.....	.....	2	24	.....	8	.....	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	328
5	86	1	.....	28	.....	.....	19	178	.....	68	.....	204	.....	1	.....	9	1	3	.....	329	
25	26	9	1	5	.....	2	65	603	.....	23	.....	580	10	5	.....	1	2	1	4	330	
167	780	101	13	12	154	10	17	23	195	1939	20	337	10	541	52	22	34	9	8	33	78	70	331	
1026	1152	583	226	171	599	37	120	284	1198	2203	539	660	72	3302	183	246	696	421	449	1311	229	472	276	332
8	336	2	.....	22	.....	6	1	60	.....	22	.....	112	.....	1	.....	1	.....	.....	.....	5	333
2	55	2	1	.....	.....	8	144	.....	6	.....	15	.....	.....	.....	.....	.....	.....	1	.....	1	334
21	776	17	.....	1	.....	6	216	315	.....	85	.....	131	13	.....	1	.....	.....	.....	9	.....	335
73	123	156	4	238	259	11	503	240	83	184	41	343	47	380	17	54	363	326	73	319	5	35	500	336
193	1013	205	24	6	200	9	1	81	392	2450	7	698	8	841	75	8	35	9	17	18	7	129	59	337
169	19863	306	34	31	241	5	3824	732	6869	67	1136	21	7294	5993	15	173	31	1380	153	132	324	15	338	

TABLE XIX.

THE NUMBER OF PERSONS IN THE UNITED STATES
ENGAGED IN EACH CLASS OF OCCUPATIONS,

WITH

DISTINCTIONS OF AGE AND SEX, AND OF NATIVITY,

(BY STATES AND TERRITORIES.)

826 OCCUPATIONS, BY CLASSES, WITH AGE AND SEX, AND NATIVITY.

TABLE XIX.—THE UNITED STATES.

STATES AND TERRITORIES.	TOTAL.	PERSONS ENGAGED IN ALL CLASSES OF OCCUPATIONS.																		
		AGE AND SEX.						NATIVITY.												
		10 to 15.		16 to 59.		60 and over.		United States.		Germany.		Ireland.								
		M.	F.	M.	F.	M.	F.	England and Wales.	Scotland.	Sweden, Norway, and Denmark.	France.	Other north of Europe.	Italy.							
POPULATION (a)	28228945	2840200	2704169	10499150	10257645	989516	948265	32921058	1611781	1769375	500253	134274	230426	110079	147811	16357	83019	470476	60174	72063
UNITED STATES	12505023	548064	191100	9486734	1594783	634637	50403	9802034	836418	947234	301795	71923	109659	58200	32502	10024	56294	189318	46274	44250
Alabama	365258	34059	14068	920699	72858	20852	2692	359526	1329	2438	580	251	142	293	102	68	204	10	215	
Arizona	6030	88	30	5378	255	68	11	2430	355	446	117	45	12	54	36	14	64	85	14	2368
Arkansas	133049	7335	1979	107540	13402	5278	415	132811	1007	958	352	88	118	123	94	17	46	112	86	137
California	238048	1555	629	219777	19972	3506	179	110124	19311	30783	11366	3248	3407	4984	1617	3313	4667	4836	33708	7224
Colorado	17583	216	22	10748	400	153	5	13117	1012	1230	957	137	167	136	54	13	153	294	7	306
Connecticut	193421	3657	1993	144830	31014	11504	954	138804	6772	35519	6144	1583	270	443	82	54	374	3221	10	145
Dakota	5887	19	5	5575	152	133	3	3104	484	678	185	52	750	40	11	3	144	399	—	37
Delaware	40313	9181	1291	20202	4524	2393	252	36281	629	2475	647	99	10	66	17	5	23	37	—	24
Dist. of Columbia	40041	641	853	33913	12519	1546	469	41232	2515	3008	661	166	37	133	50	71	69	81	3	122
Florida	60703	4107	1100	44202	8450	2508	276	58437	336	302	209	83	72	72	25	41	50	39	—	954
Georgia	441678	53524	25841	253453	85724	22203	3928	439008	1784	2541	555	206	86	142	44	28	106	99	1	85
Idaho	10879	33	—	10683	125	38	—	3824	520	885	546	90	179	110	19	9	92	286	4150	151
Illinois	742015	21749	3809	688593	55710	28397	764	497043	97610	61247	28248	7691	21076	4961	1757	394	7742	12603	5	638
Indiana	450369	13309	1567	393453	29148	2405	305	306096	35524	13704	5001	1240	1122	2302	338	88	1930	1060	2	273
Iowa	344276	12188	1044	294739	21888	14923	194	256110	30772	19355	9230	2435	11474	1482	2514	50	4208	3853	2	2701
Kansas	123532	9830	396	111297	6008	3280	115	98309	6070	6206	4035	941	3142	707	601	49	591	1561	—	507
Kentucky	414593	34933	7802	307718	40472	92299	2019	389355	15060	11437	2300	518	91	954	303	167	488	296	7	211
Louisiana	250452	11600	7032	174150	48740	12418	2512	294881	9774	8200	1741	477	395	6580	622	758	1350	369	48	1158
Maine	209225	4319	2035	156714	25000	18751	800	187497	294	7300	1748	463	147	69	19	18	34	10539	1	96
Maryland	258543	10013	5807	101160	37250	12509	1696	219296	22500	11174	2742	1106	142	346	314	109	304	205	1	214
Massachusetts	570344	19160	6299	409150	11700	30183	2293	380992	7066	118267	20730	5008	1955	987	495	397	937	32636	91	1293
Michigan	404164	7045	2296	319569	54647	20103	504	986020	32282	20927	17717	4647	2827	1619	2611	57	1470	31105	2	2371
Minnesota	132657	2918	898	115195	9766	4384	196	60672	20089	10703	3114	1245	25440	724	445	23	1415	5261	—	2617
Mississippi	318850	28071	13766	188332	70081	14846	2634	312981	1757	1594	557	925	588	348	126	122	241	83	1	237
Missouri	505556	10812	4627	497612	33214	19421	870	390460	58500	31370	8291	1701	1769	2635	2298	528	3758	3174	1	966
Montana	14048	1	4	13846	105	30	2	7290	1008	1436	697	205	268	100	67	27	132	1034	1584	44
Nebraska	43837	610	110	40607	1752	717	23	27592	6212	3227	1052	469	2116	918	244	27	561	894	—	325
Nevada	26911	41	8	26307	498	190	7	12335	1831	3546	2468	448	423	391	121	143	366	1754	2679	407
New Hampshire	120168	3213	1055	83460	22390	11360	690	102089	258	6316	1504	524	77	58	3	6	4	7009	—	1420
New Jersey	290030	7493	3456	229519	30913	14623	1110	200009	29314	45360	12568	2068	608	1660	1718	144	804	958	8	302
New Mexico	29361	694	301	23633	2817	1654	162	26350	530	489	119	32	25	106	16	24	49	31	—	1575
New York	1491018	29061	14927	1126365	237382	77453	4830	935098	150683	26158	55168	14531	4701	10704	5789	1080	4395	31945	102	2064
North Carolina	351990	37724	10065	232553	46172	92132	2323	340606	525	365	323	172	20	27	21	12	62	12	64	
Ohio	840839	34392	4045	673513	77946	40404	1520	654320	95787	43712	22829	3823	459	6799	2149	308	5320	5023	6	354
Oregon	30651	417	41	23439	627	1112	15	21861	1958	1314	941	277	314	230	192	30	173	524	3209	328
Pennsylvania	1020544	28347	9640	804756	121943	52106	2753	774608	73578	11139	40103	7212	1947	3973	2055	298	1873	3163	33	1004
Rhode Island	88574	3510	2024	58419	18683	4930	1008	61633	925	17183	4780	940	64	85	13	33	108	2356	—	254
South Carolina	263301	18968	11446	148719	65695	14663	3805	259840	1421	1259	237	148	79	52	34	48	60	15	1	87
Tennessee	367087	34091	7365	268463	35192	20031	2845	358203	2495	4200	1118	318	186	269	200	250	293	255	4	49
Texas	237126	13544	4216	186697	23600	8288	691	211206	9743	2317	1148	353	445	1078	265	74	1177	451	16	8853
Utah	21517	597	235	18885	812	900	28	8976	321	345	7134	1021	2825	41	153	21	140	131	73	336
Vermont	108703	1615	609	84821	12512	8827	379	80890	194	6310	1125	447	55	52	4	6	11	10756	—	13
Virginia	412065	33054	14392	275501	58026	28009	2783	407093	1851	1991	841	277	47	129	64	61	75	130	3	91
Washington	9760	37	8	9310	922	177	6	5890	545	769	683	236	318	90	42	20	107	660	235	145
West Virginia	115229	5608	604	94070	7324	7398	225	107490	2936	3057	958	310	13	67	57	14	217	38	—	52
Wisconsin	292808	6472	1278	243457	23242	17344	1015	134930	6831	23092	17150	3389	19891	1497	4612	95	9616	8843	—	1153
Wyoming	6645	1	3	6337	296	7	1	3716	616	961	444	197	151	51	20	7	83	268	121	16

(a) Ten years and over.

TABLE XIX.—THE UNITED STATES—Continued.

STATES AND TERRITORIES.	TOTAL	PERSONS ENGAGED IN AGRICULTURE.																		
		AGE AND SEX.								NATIVITY.										
		10 to 15.		16 to 59.		60 and over.		United States.		Germany.		Ireland.		England and Wales.		Scotland.		Sweden, Norway, and Denmark.		
		M.	F.	M.	F.	M.	F.	United States.	Germany.	Ireland.	England and Wales.	Scotland.	Sweden, Norway, and Denmark.	France.	Other north of Europe.	Italy.	Others south of Europe.	British America.	China and Japan.	Other and unknown.
THE UNITED STATES . . .	5922471	426381	73177	4050191	309699	448931	14092	5303363	224531	132425	77173	17850	50480	16472	8579	1443	19154	48288	2861	13852
Alabama.....	291628	31523	11184	170782	52266	18463	1410	290901	171	276	7	53	16	29	8	8	9	1	77	
Arizona.....	1985	10	.....	1263	1	11	.....	533	49	36	14	6	3	7	3	2	13	20	.....	599
Arkansas.....	109310	8089	1244	89207	7197	4653	200	108390	220	261	115	24	41	49	14	1	20	23	73	71
California.....	47863	188	43	40032	214	1370	24	30620	2756	3803	1800	663	558	573	291	869	631	955	2694	1613
Colorado.....	6462	203	.....	6147	.....	112	.....	5593	229	165	143	34	34	31	11	5	38	89	.....	90
Connecticut.....	43653	1355	1	34360	96	7608	33	37540	755	3823	733	200	57	64	19	11	58	362	.....	11
Dakota.....	2522	15	.....	2382	.....	125	.....	1947	80	136	50	15	657	12	3	2	89	221	.....	1
Delaware.....	15973	1503	5	13045	21	1299	40	15465	75	254	131	16	1	19	3	.....	1	4	.....	4
District of Columbia.....	1365	19	1	1198	14	133	.....	1103	136	71	25	15	1	3	2	1	7	1	.....	.....
Florida.....	42402	3767	696	31151	4735	2026	107	42197	53	55	38	24	8	14	2	1	11	3	.....	86
Georgia.....	336145	49773	17471	194407	54692	17072	1830	335487	181	260	81	35	10	20	.....	21	13	.....	28	
Idaho.....	1462	28	.....	1412	.....	23	.....	1046	42	64	182	9	37	7	1	2	8	51	10	3
Illinois.....	376441	17582	59	337392	854	20505	121	292177	37717	15017	11948	2870	7372	2473	437	51	1859	4470	1	140
Indiana.....	206777	10733	7	237021	382	18595	39	342567	14873	3506	1880	428	387	1176	128	21	952	730	2	118
Iowa.....	210263	11243	26	187264	274	11400	56	160312	16924	10068	5508	1431	6884	836	1258	7	2244	2435	2	1094
Kansas.....	73228	2497	4	67799	274	2622	32	61193	3395	2416	2039	482	1525	360	345	12	279	876	.....	306
Kentucky.....	261080	29669	1010	210143	2324	17615	311	256528	2291	1460	293	73	29	185	63	25	30	25	.....	49
Louisiana.....	141467	8801	3550	66962	22500	8767	881	139381	488	376	133	49	54	632	48	54	84	14	10	144
Maine.....	82011	2071	5	65549	35	13736	15	78514	42	777	214	59	6	8	3	5	4	2377	.....	2
Maryland.....	80449	6213	166	66040	986	6938	100	77250	1843	913	247	64	8	38	20	9	34	10	.....	13
Massachusetts.....	73810	2357	2	57944	39	19455	13	61014	420	7422	738	240	40	54	16	8	39	2149	1	70
Michigan.....	187211	5684	26	165081	136	16331	13	144717	12324	6680	8000	1703	498	566	1127	15	241	10781	.....	556
Minnesota.....	75157	1953	279	68987	132	3723	83	32460	12952	6205	1934	697	15501	440	339	6	799	2388	.....	1530
Mississippi.....	259199	25857	10673	155003	53304	19865	1497	257454	410	520	177	68	313	57	37	5	46	20	.....	92
Missouri.....	263918	15566	256	231740	910	14969	127	240270	13976	3517	2332	475	393	463	519	45	818	1028	.....	83
Montana.....	2111	.....	.....	2101	1	0	.....	1478	96	165	118	25	45	19	2	3	20	138	.....	2
Nebraska.....	23115	544	.....	21938	22	601	10	15481	3583	893	940	228	898	106	159	6	310	441	.....	141
Nevada.....	2070	4	1	2041	6	18	.....	1412	126	118	131	41	51	22	3	14	8	92	27	
New Hampshire.....	40573	1020	1	37010	9	8526	1	44815	15	604	299	62	1	4	.....	2	1	932	.....	348
New Jersey.....	63128	2734	10	52600	140	7409	26	54331	3130	3977	847	193	62	177	180	25	87	69	.....	32
New Mexico.....	18668	682	1	16262	176	1488	50	18127	48	97	7	1	2	15	.....	2	4	.....	435	
New York.....	374323	11190	40	316046	650	46319	148	304441	13090	27923	11714	2528	501	2273	698	85	492	660	.....	77
North Carolina.....	269238	33850	5741	187788	21576	19363	911	268876	56	71	86	72	4	8	6	7	25	.....	27	
Ohio.....	397024	28006	63	333632	584	34029	110	349469	25060	7513	6101	991	125	3560	315	34	2459	1319	2	70
Oregon.....	13248	310	7	12121	7	801	2	11850	287	274	100	45	53	50	1	35	179	34	48	
Pennsylvania.....	260051	19394	46	218247	1087	28231	146	237215	9501	8014	2789	670	157	783	219	12	336	300	1	55
Rhode Island.....	11780	568	.....	9125	7	2074	6	10570	40	694	113	32	5	1	.....	1	13	301	.....	10
South Carolina.....	206654	17433	9414	117630	47096	19265	2436	206173	128	194	60	22	30	5	4	2	7	2	.....	27
Tennessee.....	267020	30377	4240	200298	13114	16778	1713	265541	322	632	151	59	43	37	90	34	59	38	.....	14
Texas.....	166753	11711	2894	134926	10951	6785	186	155413	4226	466	354	116	191	383	77	3	659	129	2	4743
Utah.....	10428	303	4	9459	7	595	.....	4542	57	70	3354	465	1577	5	58	2	81	59	.....	152
Vermont.....	57083	1280	.....	40364	93	7245	1	50920	30	1998	360	232	2	9	1	2	2	4420	.....	.....
Virginia.....	244550	27074	3876	179627	11880	21381	712	243227	360	460	256	95	13	26	13	8	26	37	3	26
Washington.....	3771	19	.....	3025	12	115	.....	9733	176	235	164	97	80	21	11	3	29	207	.....	15
West Virginia.....	73900	4639	33	62810	167	6070	35	72190	607	773	176	49	1	31	32	6	62	13	.....	11
Wisconsin.....	159687	5170	51	130691	678	13433	638	70431	37252	13914	10609	2034	19254	810	1035	25	6113	4043	.....	207
Wyoming.....	165	.....	.....	103	1	1	.....	136	4	6	7	5	2	.....	1	4	.....	4	.....

TABLE XIX.—THE UNITED STATES—Continued.

STATES AND TERRITORIES.	PERSONS ENGAGED IN PERSONAL AND PROFESSIONAL SERVICES.																																
	Total.	AGE AND SEX.						NATIVITY.																									
		10 to 15.		16 to 59.		60 and over.		United States.			Germany.		Ireland.		England and Wales.		Scotland.		Sweden, Norway, and Denmark.		France.		Other north of Europe.		Italy.		Other south of Europe.		British America.		China and Japan.		Other and unknown.
		M.	F.	M.	F.	M.	F.	United States.	Germany.	Ireland.	England and Wales.	Scotland.	Sweden, Norway, and Denmark.	France.	Other north of Europe.	Italy.	Other south of Europe.	British America.	China and Japan.	Other and unknown.													
THE UNITED STATES...	2684793	58348	91143	1483286	944861	76487	30668	1858178	191212	125087	49905	12072	29333	13102	7523	3219	13329	48014	19471	13748													
Alabama.....	42125	2065	2093	10273	18746	1111	1237	40795	946	677	106	51	49	80	16	10	48	3	.....	44												
Arizona.....	3115	68	28	2859	99	52	0	1107	189	328	67	24	1	28	15	7	31	37	13	1208													
Arkansas.....	14877	426	710	7297	5037	295	212	14182	169	298	62	16	34	21	12	9	8	29	14	23													
California.....	76112	1004	494	63201	10339	855	130	29460	5016	14778	9308	634	776	1594	329	778	864	1103	15867	2515													
Colorado.....	3625	41	22	3183	353	21	5	2683	920	345	120	14	39	39	6	3	34	46	6	70													
Connecticut.....	38704	197	544	10002	16288	961	722	22535	1131	13332	805	239	52	65	10	12	81	341	6	75													
Dakota.....	2704	3	5	2554	134	5	3	1399	351	505	121	31	67	19	7	1	37	136	.....	30												
Delaware.....	11380	309	911	5762	3668	454	195	9733	104	1304	124	20	1	12	4	2	9	7	.....	9												
District of Columbia.....	29845	436	819	16666	10691	825	415	25817	758	2650	275	58	22	60	25	24	26	39	3	88													
Florida.....	10897	298	395	6346	3445	243	165	10203	90	203	67	16	28	25	4	4	13	7	.....	147												
Georgia.....	64083	3003	7855	22203	20825	2139	1968	62337	346	1076	128	48	13	33	5	8	21	28	.....	40												
Idaho.....	1423	5	.....	1300	113	5	.....	700	115	154	67	17	25	12	1	3	15	38	247	20											
Illinois.....	151931	1494	3304	94038	48686	3875	514	83064	22897	25140	4180	1361	7436	893	370	182	2329	2723	1	440													
Indiana.....	80018	1004	1461	50760	24811	1702	280	65381	6514	5818	670	135	411	339	83	23	338	258	.....	48												
Iowa.....	58484	560	1002	36700	18827	1175	124	43062	5026	4159	1051	229	2443	208	514	30	920	402	.....	341												
Kansas.....	20736	235	392	14715	4995	336	73	15589	1207	1703	599	132	770	136	87	16	140	255	.....	102												
Kentucky.....	84034	3288	6471	36393	34002	2004	1577	73080	3568	5350	338	72	17	231	61	43	220	60	4	62													
Louisiana.....	65347	2271	3346	32374	23554	2335	1504	54914	2743	4381	460	121	102	1550	157	221	313	122	27	327													
Maine.....	36092	323	961	18781	18804	1579	644	20180	48	3731	296	104	29	20	.....	6	6	2640	.....	28											
Maryland.....	70236	9254	5017	38554	29514	2470	1417	66062	5816	6119	487	151	30	131	123	53	135	40	.....	70												
Massachusetts.....	131291	1134	923	69664	59367	5119	1584	62393	1617	54376	2835	801	239	241	94	175	260	7916	6	330													
Michigan.....	104728	694	2174	50470	49376	1590	424	72243	7052	8030	2912	974	1101	432	800	21	586	9325	.....	352												
Minnesota.....	28330	191	606	18438	8698	291	106	12592	3448	2600	372	230	6323	134	43	7	206	1320	.....	816												
Mississippi.....	40592	2502	3063	16524	15927	1344	1102	39204	302	495	117	52	126	73	10	8	59	25	.....	51												
Missouri.....	106903	2057	3993	70984	27183	2038	648	70410	14521	15778	1614	207	794	755	526	105	1004	680	1	319													
Montana.....	2074	1	4	2504	153	10	2	1465	294	326	122	39	23	40	11	14	34	138	151	17													
Nebraska.....	10331	38	117	8565	1535	64	12	5527	1427	1555	402	107	695	60	36	14	172	177	.....	99												
Nevada.....	7431	32	6	7070	266	41	7	2341	421	702	264	88	74	107	48	54	198	554	2100	130													
New Hampshire.....	18528	94	243	7965	8872	762	592	15372	43	1636	123	40	13	16	1	.....	1	908	.....	285											
New Jersey.....	63380	1166	1938	50100	26359	3009	908	47359	6900	24486	2579	515	176	330	467	35	133	301	4	81													
New Mexico.....	7535	292	196	5128	1703	122	94	5810	264	347	70	19	14	61	7	13	26	16	.....	879												
New York.....	405330	6908	8170	214986	159004	11685	8687	307002	36814	130768	9981	2915	1315	2537	1107	923	1056	9445	25	682													
North Carolina.....	51290	3411	4148	18443	22746	1219	1323	50952	94	124	43	18	7	7	5	3	15	4	.....	18												
Ohio.....	168303	2691	3291	96307	59938	4930	1131	119472	22210	18441	3354	569	89	1040	619	70	1160	1170	1	107													
Oregon.....	6090	53	31	5332	526	137	11	3968	283	505	189	44	98	52	40	6	29	138	619	119													
Pennsylvania.....	283000	6063	6903	175800	81394	10811	1040	197121	20853	52513	6049	1372	633	914	583	94	558	1060	15	330													
Rhode Island.....	19670	162	158	11402	6839	785	333	10117	205	7618	605	143	24	46	3	6	35	774	.....	98												
South Carolina.....	34033	1234	1849	13365	15746	927	1262	33720	188	357	42	23	20	9	2	4	6	2	.....	10												
Tennessee.....	54306	2408	3024	26092	20850	1487	1045	51078	381	1503	163	38	49	73	26	82	45	42	.....	16												
Texas.....	40882	1605	1280	24639	11932	924	493	34953	1550	997	260	97	105	268	49	22	153	94	8	2917													
Utah.....	5317	193	322	4021	635	165	28	2136	60	121	1601	209	688	15	44	4	25	11	73	80													
Vermont.....	21032	206	547	8847	10408	627	337	15520	46	2102	177	40	42	29	2	2	6	3002	.....	4												
Virginia.....	98531	4832	10030	37362	41181	3213	1903	97540	235	524	93	22	10	21	12	7	12	26	10	19													
Washington.....	2207	9	8	1960	193	31	0	1116	134	257	159	22	43	27	3	10	28	147	160	101													
West Virginia.....	16699	327	553	8858	6353	451	157	15094	498	830	123	31	3	11	8	8	62	6	.....	16												
Wisconsin.....	58070	500	1122	35130	18779	2262	271	27618	13526	5017	1987	356	4223	273	1071	4	1708	2135	.....	154												
Wyoming.....	3170	.....	3	2805	268	3	1	1716	314	610	142	47	57	27	8	4	51	98	60	6												

TABLE XIX.—THE UNITED STATES—Continued.

STATES AND TERRITORIES.	PERSONS ENGAGED IN TRADE AND TRANSPORTATION.																																
	Total.		AGE AND SEX.				NATIVITY.																										
			10 to 15.		16 to 59.		60 and over.		United States.			Germany.		Ireland.		England and Wales.		Scotland.		Sweden, Norway, and Denmark.		France.		Other north of Europe.		Italy.		Other south of Europe.		British America.		China and Japan.		Other and unknown.
	M.	F.	M.	F.	M.	F.	M.	F.	United States.	Germany.	Ireland.	England and Wales.	Scotland.	Sweden, Norway, and Denmark.	France.	Other north of Europe.	Italy.	Other south of Europe.	British America.	China and Japan.	Other and unknown.												
THE UNITED STATES...	1191238	13356	1116	1132104	16848	26990	734	803653	112435	119094	32086	8440	9564	8654	5056	2383	6137	16505	9250	5121													
Alabama...	14435	158	3	13803	89	384	4	12953	554	1054	172	65	45	98	47	34	69	5	39														
Arizona...	591	1		585	2	2	1	306	41	28	11	6	2	6	13	3	9	5	1	158													
Arkansas...	5401	41	7	5342	10	91		4694	344	243	50	20	20	20	42	4	8	24		92													
California...	33163	110	1	32639	123	289	3	15957	4948	3813	1537	509	884	880	421	553	407	688	1861	668													
Colorado...	2815	1		2804	2	8		1941	198	340	87	33	21	27	26	2	41	64	1	34													
Connecticut...	24720	138	31	23768	175	585	3	18775	703	4377	391	99	63	38	26	1	63	159		23													
Dakota...	204			203		1		155	7	7	2	2	11	3			2	14		1													
Delaware...	3437	46		3138	87	163	3	3160	55	161	41	4	2	4	3	2	1	3		1													
District of Columbia...	6126	125	3	5545	262	182	9	4942	475	505	94	13	2	28	12	21	11	15		8													
Florida...	3023	15		2927	7	74		2377	121	65	51	19	24	16	13	20	16	8		293													
Georgia...	17410	155	1	16397	72	584	1	15077	781	642	117	52	17	35	32	3	36	12		6													
Idaho...	721			716	1	4		448	77	44	20	5	11	18	7	1	14	25	30	21													
Illinois...	80429	865	31	77039	468	1073	47	50907	10780	9634	3180	874	1456	457	502	74	909	1566		87													
Indiana...	36517	153	2	35736	139	482	5	29204	3735	2926	490	119	85	193	61	24	149	190		38													
Iowa...	28310	128	4	27589	54	434	1	19921	2563	2507	495	180	1133	105	253	7	333	313		200													
Kansas...	11702	45		11632	23	59	3	8338	828	1388	355	95	332	74	70	5	57	157		63													
Kentucky...	25292	205	0	24010	290	656	20	19649	2777	2021	320	97	7	161	69	50	60	49	3	29													
Louisiana...	23831	233	6	29729	301	534	28	14732	2884	1860	630	146	128	2033	228	301	495	89	1	304													
Maine...	28115	207	2	26705	230	908	3	26090	81	683	183	57	62	14	8	2	17	876	1	41													
Maryland...	35542	459	147	33135	768	973	40	29170	3709	1768	370	79	54	59	72	2	39	44	1	76													
Massachusetts...	83078	742	78	77422	1860	2013	63	68646	916	7986	1588	423	263	142	112	78	250	2389	3	289													
Michigan...	29588	147	4	28735	88	611	3	20762	2731	1547	1919	503	182	197	171	10	164	1985	2	115													
Minnesota...	10582	29	2	10456	31	74		6126	1072	729	215	93	1695	44	26	3	73	407		40													
Mississippi...	9148	84	1	8795	64	197	7	7664	508	287	89	45	60	136	51	93	71	20	1	33													
Missouri...	54885	612	27	53231	272	740	3	35730	9109	6062	1184	304	206	435	420	219	401	589		166													
Montana...	1233			1230	1	2		844	117	50	37	11	12	25	27	1	13	81	13	2													
Nebraska...	4628	14		4596	5	13		3030	375	464	185	42	346	10	19	4	22	100		33													
Nevada...	3621	3		3603		15		2274	400	189	107	40	39	38	29	23	45	162	163	112													
New Hampshire...	8514	46	1	7814	387	266		7458	32	375	61	8	7	1		3	1	398		170													
New Jersey...	46206	665	23	43428	900	1149	41	33686	4348	5051	1750	411	73	207	197	37	133	153	4	87													
New Mexico...	863	11		839		13		605	123	19	13	1	1	9	5	6	11	1	60														
New York...	234581	358	372	220991	4208	5440	152	151165	28060	34967	8665	2344	1109	1577	1505	274	600	3429	31	653													
North Carolina...	10179	120	4	9751	63	217	18	9716	281	81	49	26	4	3	5		4	3		7													
Ohio...	78547	783	33	74840	799	2058	25	55151	11245	7317	2211	430	68	569	355	97	331	716	1	56													
Oregon...	2019	17		2552	7	42	1	1794	277	132	130	28	35	30	32	4	11	44	53	50													
Pennsylvania...	121253	2970	297	111180	4068	3158	174	93016	8684	14140	3173	575	104	385	349	78	190	354	4	171													
Rhode Island...	10108	193	12	9137	210	548	8	8704	79	848	250	77	6	2	6	1	13	78		35													
South Carolina...	8470	70		7681	194	290	26	7058	739	418	69	48	20	14	20	29	27	4		25													
Tennessee...	17510	297	1	16708	84	322	8	15008	762	1001	180	56	23	64	71	94	104	44	4	9													
Texas...	13612	70		13337	35	169	1	10139	1583	404	213	48	56	204	95	30	154	47	6	633													
Utah...	1665	19	5	1610	12	10		1004	77	47	329	54	54	5	10	2	6	21		56													
Vermont...	7132	20		6943	30	138	1	6140	32	424	47	20		3	1	1	1	463															
Virginia...	20181	261	10	19091	159	640	20	16696	562	583	192	47	10	40	23	36	14	20		28													
Washington...	1129	1		1118	2	8		625	84	85	94	27	63	13	12	1	22	65	5	13													
West Virginia...	6807	63		6687	9	138		5670	384	674	106	23	3	8	6		14	3		7													
Wisconsin...	21534	164	2	20845	187	333	3	12260	3848	1577	1110	241	703	110	493	18	417	558		104													
Wyoming...	1046	1		1645				986	150	182	72	43	44	0	8	2	13	72	61	4													

TABLE XIX.—THE UNITED STATES—Continued.

STATES AND TERRITORIES.	PERSONS ENGAGED IN MANUFACTURES AND MECHANICAL AND MINING INDUSTRIES.																															
	Total	AGE AND SEX.						NATIVITY.																								
		10 to 15.		16 to 59.		60 and over.		United States.		Germany.		Ireland.		England and Wales.		Scotland.		Sweden, Norway, and Denmark.		France.		Other north of Europe.		Italy.		Other south of Europe.		British America.		China and Japan.		Other and unknown.
		M.	F.	M.	F.	M.	F.	United States.	Germany.	Ireland.	England and Wales.	Scotland.	Sweden, Norway, and Denmark.	France.	Other north of Europe.	Italy.	Other south of Europe.	British America.	China and Japan.	Other and unknown.												
THE UNITED STATES...	2707421	40970	25664	2221063	323375	82429	4911	1777840	308240	264628	142631	32960	20281	19972	10444	3079	17074	76451	21692	11529												
Alabama.....	17070	313	188	13841	1763	924	41	15677	358	431	233	82	32	86	31	16	78	1	55	55												
Arizona.....	1039	9	2	871	153	3	1	414	76	54	25	9	6	11	5	2	11	23	...	403												
Arkansas.....	6271	59	18	5604	258	239	3	5545	263	150	125	28	23	33	26	3	10	36	...	21												
California.....	81508	283	89	77825	2397	992	22	34078	6591	8389	5632	1442	1159	1029	576	1083	2775	2000	13346	2428												
Colorado.....	4681	1	...	4614	54	12	...	2900	363	380	607	56	73	39	11	3	40	95	...	112												
Connecticut.....	86344	1967	1417	60099	14455	2210	196	59954	4181	13987	4195	1025	98	276	27	30	172	2350	4	36												
Dakota.....	457	1	...	436	18	2	...	303	37	30	12	4	15	6	1	...	16	23	...	5												
Delaware.....	9514	173	315	7857	748	407	14	7023	335	756	351	59	6	31	7	1	12	23	...	10												
District of Columbia.....	11705	61	37	9601	1552	406	45	9363	1146	682	267	80	12	42	11	25	25	20	...	26												
Florida.....	4291	27	9	3838	253	160	4	3570	72	69	53	24	12	17	6	16	10	14	...	428												
Georgia.....	27040	503	514	20251	4135	1508	129	25507	470	554	929	71	46	54	7	17	28	39	1	11												
Idaho.....	7373	...	...	7255	11	7	...	1630	295	623	277	50	106	82	10	3	55	172	3863	98										
Illinois.....	133221	1871	325	110297	8702	2944	82	60995	26410	10866	9034	2586	5412	1138	439	87	2645	3835	3	171												
Indiana.....	70057	509	97	69038	3816	1626	71	58934	10402	2154	1961	558	239	684	63	20	401	482	...	69												
Iowa.....	47319	257	19	43000	2733	1214	13	32815	6359	2021	1916	595	1014	333	489	6	702	613	...	556												
Kansas.....	18126	53	...	17081	716	269	7	13243	1540	789	1042	232	515	137	99	16	115	273	...	126												
Kentucky.....	44197	1032	306	36073	3850	1034	102	32089	7030	2597	1249	276	38	377	90	49	169	162	...	71												
Louisiana.....	95607	295	194	29205	2385	879	39	15954	3639	1673	518	161	111	2356	189	182	467	144	10	383												
Maine.....	62007	1118	1067	45619	11537	2328	138	53707	123	2109	1055	943	50	27	8	5	7	4646	...	27												
Maryland.....	63326	1087	567	53434	5971	2128	139	46814	11132	2374	1620	812	50	118	99	45	96	111	...	46												
Massachusetts.....	292665	7047	5206	204150	64943	9606	633	197040	5004	48483	15579	3634	713	550	273	136	388	20182	81	602												
Michigan.....	82637	520	92	75343	5047	1371	64	48907	9275	4670	5536	1467	1046	424	513	11	476	9014	...	1248												
Minnesota.....	18598	45	11	17314	915	296	7	9560	3517	960	593	920	1030	106	37	7	247	1186	...	225												
Mississippi.....	9981	168	49	8510	766	440	28	8659	447	292	174	60	89	82	28	16	65	18	...	51												
Missouri.....	79850	1257	321	71057	4849	1074	92	44041	20894	0019	3171	715	376	982	833	69	1475	877	...	398												
Montana.....	8030	...	...	8011	10	0	...	3503	591	895	420	130	188	82	27	9	65	677	1420	23										
Nebraska.....	5703	23	2	5508	190	39	1	3494	897	316	425	92	247	33	30	3	57	176	...	63												
Nevada.....	13789	2	1	13584	156	46	...	6308	885	2447	1766	279	258	224	41	52	115	946	320	139												
New Hampshire.....	46553	1053	810	20665	13122	1806	97	35944	168	3611	1021	414	56	37	2	1	1	4681	...	617												
New Jersey.....	103322	2013	1513	83191	19507	3056	133	64633	14018	11753	7383	1549	297	895	865	47	446	435	...	102												
New Mexico.....	2295	9	104	1404	738	31	9	1805	104	96	20	11	8	21	4	3	8	14	...	192												
New York.....	470775	8215	6336	374849	72430	14109	843	271800	77810	71180	24608	6744	1776	4317	2419	699	2047	12477	46	653												
North Carolina.....	20592	328	172	16001	2087	1333	71	20152	94	89	145	56	5	9	5	2	18	5	...	12												
Ohio.....	197010	2012	728	168635	16625	7847	263	130228	37272	10441	11163	1833	177	1624	860	107	1370	1812	2	121												
Oregon.....	8694	37	3	8434	87	132	1	4243	411	393	359	105	136	84	70	10	98	163	2503	111												
Pennsylvania.....	350240	8614	2304	299529	35404	9906	483	247250	34540	30722	27187	4595	348	1881	904	114	783	1449	13	448												
Rhode Island.....	47007	2587	1854	28755	11027	1523	661	32242	601	8023	3803	683	29	36	4	25	47	1403	...	111												
South Carolina.....	13794	222	183	9843	2659	806	81	19880	307	290	86	55	9	24	8	13	20	7	1	26												
Tennessee.....	29061	419	100	25275	1744	1444	70	25735	1030	974	624	165	71	115	82	40	84	131	...	10												
Texas.....	15870	158	33	14495	772	410	11	11301	2375	450	321	92	93	223	44	19	211	190	...	560												
Utah.....	4107	17	4	3780	108	190	2	1304	127	101	1650	233	506	16	41	13	28	40	...	48												
Vermont.....	22616	109	62	19667	1921	817	40	17310	86	1626	541	155	11	11	...	1	4	2682	...	9												
Virginia.....	49413	1787	476	39421	4806	2775	148	47630	694	424	373	113	14	42	16	10	23	56	...	18												
Washington.....	2653	8	...	2607	15	23	...	1410	151	192	266	90	112	29	16	6	28	261	70	16												
West Virginia.....	17073	379	18	15709	795	739	33	14527	1447	771	553	208	6	37	11	...	70	16	...	18												
Wisconsin.....	53517	626	103	47791	3508	1816	83	24621	13705	2584	3303	758	2713	299	1113	48	1548	2107	...	628												
Wyoming.....	1604	...	...	1034	27	3	...	878	148	133	223	102	50	13	4	...	19	94	...	...										

TABLE XX.

NUMBER OF PERSONS IN THE UNITED STATES

ENGAGED IN EACH SPECIAL OCCUPATION,

WITH DISTINCTIONS OF

AGE AND SEX, AND OF NATIVITY.

832 PERSONS IN EACH OCCUPATION, WITH AGE AND SEX, AND NATIVITY.

TABLE XX.—THE UNITED STATES.

OCCUPATIONS.	PERSONS OCCUPIED.									
	AGE AND SEX.									
	All ages.			10 to 15.		16 to 59.		60 and over.		
	Total.	Males.	Females.	M.	F.	M.	F.	M.	F.	
POPULATION, 10 YEARS AND OVER	28,298,945	14,258,866	13,970,079	2,840,200	2,764,169	10,420,150	10,237,645	989,516	948,265	
ALL OCCUPATIONS, (PERSONS ENGAGED IN)	12,505,923	10,669,635	1,836,288	548,064	191,100	9,486,734	1,594,783	634,837	50,405	
AGRICULTURE.....	5,022,471	5,525,503	396,968	426,381	73,177	4,650,191	309,699	448,931	14,092	
1 Agricultural laborers	2,885,996	9,512,664	373,332	426,305	73,169	1,936,886	230,822	89,473	9,341	
2 Apiarists	136	136	.....	.....	.....	124	.....	12	.....
3 Dairymen and dairywomen	3,550	3,133	417	.....	.....	3,065	401	68	16	
4 Farm and plantation overseers	3,609	3,639	.....	.....	.....	3,493	.....	116	.....
5 Farmers and planters	2,977,711	9,955,030	23,681	.....	.....	2,599,975	18,025	355,055	4,650	
6 Florists	1,085	1,046	39	.....	.....	1,006	38	40	1	
7 Gardeners and nurserymen	31,435	31,202	233	.....	.....	27,545	203	3,657	30	
8 Stock-drovers	3,181	3,181	.....	.....	.....	3,082	.....	99	.....
9 Stock-herders	5,590	5,545	45	.....	.....	5,433	8	112	37	
10 Stock-raisers	6,588	6,558	30	.....	.....	6,365	23	193	7	
11 Turpentine furniers	361	361	.....	.....	.....	350	.....	11	.....
12 Turpentine laborers	2,117	1,033	184	76	8	1,845	173	12	3	
13 Vinegrowers	1,112	1,105	7	.....	.....	1,022	6	83	1	
PROFESSIONAL AND PERSONAL SERVICES	2,684,793	1,618,121	1,066,672	58,348	91,143	1,483,286	944,861	76,487	30,668	
14 Actors	2,033	1,361	692	8	17	1,330	672	23	3	
15 Apprentices to learned professions	386	341	45	56	12	285	33	.....	.....
16 Apprentices to barbers	859	833	6	262	3	591	3	.....	.....
17 Apprentices to dentists	166	165	1	20	.....	136	1	.....	.....
18 Architects	2,017	2,016	1	.....	.....	1,968	1	48	.....
19 Artists, (not specified) (a)	2,948	2,663	285	7	.....	2,561	282	95	3	
20 Auctioneers	2,266	2,254	12	.....	.....	2,143	12	111	.....
21 Authors and lecturers	458	343	115	.....	.....	310	111	33	4	
22 Barbers and hairdressers	23,935	22,756	1,179	259	56	22,923	1,118	275	5	
23 Bath-house keepers	94	59	5	.....	.....	78	4	11	1	
24 Billiard and bowling-saloon keepers and employés	1,220	1,217	3	7	1	1,200	2	10	.....
25 Bill-posters	424	424	.....	5	.....	406	.....	13	.....
26 Boarding and lodging house keepers	12,785	5,725	7,060	.....	.....	5,184	6,588	541	472	
27 Boot-blacks	587	587	.....	238	.....	340	.....	9	.....
28 Card-writers	33	30	3	.....	.....	29	3	1	.....
29 Chemists, (practicing)	608	608	.....	.....	.....	579	.....	29	.....
30 Chimney-sweeps	73	73	.....	11	.....	59	.....	3	.....
31 Chiropodists	65	63	2	.....	.....	58	2	5	.....
32 Claim agents	693	693	.....	.....	.....	663	.....	30	.....
33 Clergymen	43,874	43,807	67	.....	.....	39,426	63	4,381	4	
34 Clerks and copyists	6,138	5,891	247	187	0	5,599	237	105	1	
35 Clerks in Government offices	8,672	7,729	943	23	10	7,436	928	270	5	
36 Clerks in hotels and restaurants	5,243	5,186	77	46	3	5,073	74	47	.....
37 Dentists	7,830	7,815	24	.....	.....	7,653	23	163	1	
38 Designers and draughtsmen	934	921	13	3	.....	900	13	18	.....
39 Domestic servants	975,734	108,380	867,354	22,508	86,905	81,964	756,445	3,818	24,004	
40 Employés of companies, (not specified) (b)	848	795	53	14	.....	708	51	73	2	
41 Employés of Government	14,407	13,806	601	89	2	13,331	581	386	18	
42 Employés of hotels and restaurants, (not clerks)	23,438	17,139	6,299	723	198	16,195	6,068	221	33	
43 Engineers, civil	4,703	4,703	.....	1	.....	4,574	.....	128	.....
44 Hostlers	17,586	17,584	2	435	1	16,769	1	380	.....
45 Hotel-keepers	26,394	25,529	865	.....	.....	24,100	792	1,420	73	
46 Hunters and trappers	940	938	2	16	.....	845	2	77	.....
47 Indian scouts, guides, and interpreters	171	171	.....	.....	.....	162	.....	9	.....
48 Intelligence-office keepers	191	164	27	.....	.....	150	25	14	2	
49 Inventors	352	352	.....	.....	.....	333	.....	10	.....
50 Janitors	1,769	1,623	146	9	1	1,456	136	158	9	
51 Journalists	5,286	5,251	35	.....	.....	5,146	34	105	1	
52 Laborers, (not specified)	1,031,666	1,010,345	21,321	20,013	3,146	931,486	16,918	40,846	1,257	

(a) See Painters and Sculptors.

(b) See Employés of Express, Insurance, Railroad, Street railroad, and Telegraph companies, of Trading and transportation companies, (not specified,) and of Manufacturing establishments, (not specified.)

PERSONS IN EACH OCCUPATION, WITH AGE AND SEX, AND NATIVITY. 833

TABLE XX.—THE UNITED STATES.

PERSONS OCCUPIED.													
NATIVITY.													
United States.	Germany.	Ireland.	England and Wales.	Scotland.	Sweden, Norway, and Denmark.	France.	Other north of Europe.	Italy.	Other south of Europe.	British America.	China and Japan.	Other and unknown.	
22,921,058	1,611,781	1,760,375	600,253	134,274	230,426	110,979	147,811	16,357	83,919	470,476	60,174	72,063	
9,802,034	836,418	947,234	301,705	71,922	109,658	58,200	32,502	10,024	56,294	189,318	46,274	44,250	
5,303,363	224,531	138,425	77,173	17,850	50,480	16,472	8,570	1,443	19,154	48,288	2,861	13,852	
2,700,268	57,261	43,398	19,122	3,798	19,917	4,026	2,431	362	6,808	20,580	1,766	6,250	
128	4					2				3			
1,831	707	343	91	18	34	111	46	17	165	53	14	30	
3,396	49	59	26	16		18	2		2	5	1	35	
2,569,023	150,114	88,923	54,880	13,050	30,259	11,450	5,870	377	11,795	27,171	306	5,424	
582	183	104	135	63	6	48	4		10	9		1	
13,845	6,250	5,079	2,378	756	178	679	185	654	280	318	676	148	
2,740	190	118	49	16	6	15	7	1	7	10		22	
3,320	151	153	141	78	50	38	10	5	23	49	35	1,537	
5,321	214	293	178	51	26	44	11	7	42	75		397	
300		1											
2,111	2	1	1	2									
498	307	24	179	2	4	32	13	20	22	7	3	8	
1,858,178	191,212	425,087	49,905	12,672	29,333	13,102	7,513	3,219	13,329	48,014	10,471	13,748	
1,328	153	90	234	11		31	5	20	20	35	95	22	
347	14	6	10			1		2	1	4		15	
685	134	4	12	1		3	6		6	7		16	
154	2	1	2		1					5		17	
1,343	261	72	145	65	10	35	13	2	10	33		10	
2,020	420	81	176	24	14	68	23	22	83	48	2	13	
1,907	97	96	87	17	3	18	7	1	5	19		9	
372	32	11	24	4	2	2	1		1	5		21	
16,377	4,814	423	381	71	67	433	176	102	253	350	243	185	
53	15	2	12	2	1	6	2		1			23	
968	107	45	28	4	6	10	3	4	4	24		8	
333	22	39	14	2		3			1	7	1	25	
7,496	1,336	2,173	573	108	243	153	51	38	105	340	112	49	
446	16	28	6		3	11	1	38	7	10	3	18	
19	2	4	6		1			1					
330	134	26	61	13	4	8	14	1	8	5		4	
60	6	1	2	1	2		1					30	
47	4	3	5	1		2			1	1		31	
644	13	9	15	1		5			2	4		32	
35,668	2,745	1,740	1,566	318	198	416	177	118	282	485	6	155	
5,341	206	196	186	38	8	20	7	2	11	80	12	34	
7,519	338	370	186	43	24	35	19	2	26	64		37	
4,467	260	210	101	14	17	27	7	8	33	83		16	
7,299	146	58	116	24	9	21	8	2	14	106		36	
542	139	48	100	28	7	26	8		12	18		38	
729,180	49,866	145,956	12,531	3,399	11,287	2,874	1,488	331	2,755	14,878	5,420	2,769	
628	43	97	37	11	6	5	8	2	2	6	1	2	
10,078	987	2,425	381	133	66	64	31	5	42	104	1	30	
15,598	2,145	3,702	504	121	107	254	65	75	157	305	98	157	
3,059	191	107	206	30	17	31	20	2	12	42		43	
11,756	1,365	3,282	428	91	80	89	45	16	58	322	10	44	
19,416	3,037	1,915	831	118	104	230	96	45	143	384	10	47	
752	24	13	28	4	10	11	1		1	92		4	
95	11	2	6		3	8	4		2	13	16	11	
111	22	15	8	3	4	3	2			7	15	1	
317	10	3	11	2	1					6		49	
1,031	154	371	120	25	13	21	7	1	5	9		12	
4,411	314	174	183	55	20	34	7	1	16	54	1	16	
602,075	96,432	229,199	21,032	5,723	15,459	4,832	4,015	1,465	7,253	25,394	9,436	8,451	52

834 PERSONS IN EACH OCCUPATION, WITH AGE AND SEX, AND NATIVITY.

TABLE XX.—THE UNITED STATES—Continued.

OCCUPATIONS.	PERSONS OCCUPIED.									
	AGE AND SEX.									
	All ages.			10 to 15.		16 to 59.		60 and over.		
	Total.	Males.	Females.	M.	F.	M.	F.	M.	F.	
53 Lamp-lighters.....	276	276	.....	7	.....	250	.....	19	.....
54 Land-surveyors.....	2,671	2,671	.....	3	.....	2,448	.....	220	.....
55 Laundrymen and laundresses.....	60,906	5,297	55,609	157	391	5,016	52,948	124	2,270	
56 Lawyers.....	40,736	40,731	5	.....	.....	38,943	5	1,788	.....
57 Librarians.....	213	170	43	1	.....	148	43	21	.....
58 Livery-stable keepers.....	8,504	8,493	11	.....	.....	8,269	9	224	2	
59 Marines, (United States).....	477	477	.....	.....	.....	474	.....	3	.....
60 Messengers.....	8,717	8,637	80	4,034	50	4,354	91	249	.....
61 Metallurgists.....	164	164	.....	.....	.....	164	.....	.....	.....
62 Midwives.....	1,186	.....	1,186	.....	.....	766	.....	420	.....
63 Musicians, (professional) (a).....	6,519	6,346	173	42	4	6,131	164	173	5	
64 Naturalists.....	287	286	1	.....	.....	268	1	18	.....
65 Nurses.....	10,976	806	10,170	.....	.....	754	8,889	52	1,286	
66 Officers of the Army and Navy, (United States).....	2,286	2,286	.....	.....	.....	2,207	.....	70	.....
67 Officials of companies, (not specified) (b).....	3,410	3,352	58	.....	.....	3,149	50	203	8	
68 Officials of Government.....	44,733	44,329	414	.....	.....	41,661	397	2,668	17	
69 Painters (c).....	775	717	58	.....	.....	697	58	20	.....
70 Physicians and surgeons.....	62,383	61,858	525	.....	.....	57,573	374	4,285	151	
71 Restaurant-keepers.....	35,185	34,542	643	.....	.....	33,874	593	608	00	
72 Sailors, (United States Navy).....	780	780	.....	8	.....	765	.....	7	.....
73 Scavengers.....	301	299	2	1	.....	274	2	24	.....
74 Sculptors (c).....	250	246	4	.....	.....	234	4	12	.....
75 Sextons.....	1,151	1,144	7	.....	.....	932	6	212	1	
76 Short-hand writers.....	154	147	7	1	.....	143	7	3	.....
77 Showmen and showwomen.....	1,177	1,077	100	10	6	1,052	94	15	.....
78 Soldiers, (United States Army).....	22,081	22,081	.....	.....	.....	22,050	.....	22	.....
79 Teachers, (not specified).....	126,822	42,775	84,047	36	300	40,769	83,261	1,970	486	
80 Teachers of dancing.....	140	141	8	.....	.....	137	8	4	.....
81 Teachers of drawing and painting.....	108	43	65	.....	.....	42	65	1	.....
82 Teachers of music (a).....	3,491	3,911	5,580	3	16	3,732	5,515	176	49	
83 Translators.....	21	21	.....	.....	.....	17	.....	4	.....
84 Veterinary surgeons.....	1,166	1,166	.....	.....	.....	1,048	.....	118	.....
85 Whitewashers.....	2,873	2,482	391	6	3	2,245	375	231	13	
TRADE AND TRANSPORTATION										
86 Agents.....	1,191,238	1,172,540	18,698	13,356	1,116	1,132,194	16,848	26,990	734	
87 Apprentices in stores.....	10,490	10,443	56	18	1	10,056	55	369	.....
88 Bankers and brokers of money and stocks.....	678	673	5	106	1	555	4	12	.....
89 Barkeepers.....	10,631	10,616	15	3	.....	10,130	7	483	8	
90 Boatmen and watermen.....	14,362	14,292	70	158	1	13,976	67	158	2	
91 Book-keepers and accountants in stores (d).....	21,332	21,303	30	399	9	20,463	21	440	.....
92 Canalmen.....	31,177	30,884	293	57	6	30,280	283	547	4	
93 Clerks in stores (d).....	7,338	7,328	10	637	2	6,572	8	119	.....
94 Clerks and book-keepers in banks.....	292,504	216,310	6,194	6,406	679	208,126	5,402	1,778	53	
95 Clerks and book-keepers in express companies.....	7,103	7,081	22	25	.....	6,972	22	84	.....
96 Clerks and book-keepers in insurance offices.....	767	767	.....	5	.....	758	.....	4	.....
97 Clerks and book-keepers in railroad offices.....	1,568	1,562	6	13	.....	1,521	6	28	.....
98 Clerks and book-keepers in telegraph offices.....	7,374	7,364	10	28	.....	7,290	10	46	.....
99 Commercial travelers.....	191	190	1	18	.....	171	1	1	.....
100 Draymen, huckmen, teamsters, &c.....	7,262	7,230	32	4	.....	7,071	32	155	.....
101 Employés of trading and transportation co's (e).....	120,756	120,560	196	1,310	117	116,736	70	2,514	.....
102 Employés of banks, (not clerks).....	4,152	3,975	177	118	18	3,759	159	98	.....
103 Employés of express companies, (not clerks).....	424	421	3	7	.....	397	3	17	.....
104 Employés of insurance companies, (not clerks).....	8,554	8,549	5	52	.....	8,357	5	140	.....
105 Employés of railroad companies, (not clerks).....	11,611	11,587	24	2	.....	11,133	24	452	.....
106 Employés of street railroad companies, (not clerks).....	154,027	153,965	62	874	.....	151,559	30	1,532	32	
107 Employés of telegraph companies, (not clerks).....	5,103	5,102	1	26	.....	5,054	.....	22	1	
108 Hucksters.....	8,316	7,961	355	255	5	7,677	350	29	.....
109 Laborers.....	17,363	16,147	1,215	140	17	15,250	1,038	748	100	
110 Milkmen and milkwomen.....	14,862	14,332	550	576	48	13,410	501	346	1	
	3,728	3,635	93	34	4	3,492	76	109	13	

(a) See Musicians, (professional,) and Teachers of music.

(b) See Officials of Express, Insurance, Railroad, Street railroad, and Telegraph companies, (not specified,) and of Manufacturing and mining companies.

(c) See Artists, (not specified,) Painters, and Sculptors.

(d) See Book-keepers and accountants in stores, Clerks in stores, and Salesmen and saleswomen.

(e) Not specified.

PERSONS IN EACH OCCUPATION, WITH AGE AND SEX, AND NATIVITY. 835

TABLE XX.—THE UNITED STATES—Continued.

PERSONS OCCUPIED.														
NATIVITY.														
United States,	Germany,	Ireland.	England and Wales.	Scotland.	Sweden, Norway, and Denmark.	France.	Other north of Europe.	Italy.	Other south of Europe.	British America.	China and Japan.	Other and unknown.		
177	34	51	7	2	5	1	1	1	4	53	5	5	54	
2,350	90	85	67	16	8	11	5	5	28	.....	.....	5	54	
40,814	2,761	11,530	601	205	170	327	101	51	122	331	3,653	240	55	
38,412	513	730	443	122	31	58	37	3	25	258	.....	104	56	
191	1	3	12	3	1	.....	.....	.....	1	1	.....	1	57	
7,087	427	545	182	34	32	28	9	2	13	126	.....	19	58	
320	32	72	20	10	5	2	.....	.....	8	4	.....	4	59	
6,747	435	972	280	56	26	43	22	6	19	78	5	28	60	
97	24	4	13	6	6	3	1	2	5	3	.....	.....	61	
769	272	40	30	6	7	32	10	2	11	4	.....	3	62	
2,663	2,401	351	273	35	50	131	62	245	138	66	36	68	63	
190	32	5	25	3	1	8	4	.....	1	6	.....	3	64	
8,325	458	1,346	387	92	71	54	21	7	18	170	.....	27	65	
1,988	66	124	34	18	11	7	3	3	7	17	.....	8	66	
2,886	147	193	85	17	13	9	4	3	7	25	.....	19	67	
35,461	1,900	2,534	867	926	116	164	73	16	95	302	4	85	68	
529	114	15	52	5	12	15	5	7	4	13	.....	4	69	
55,020	2,362	913	983	268	82	308	133	32	201	793	193	195	70	
14,020	11,877	4,920	1,241	201	328	973	377	297	736	628	66	221	71	
539	30	78	55	12	21	5	5	1	12	10	.....	12	72	
110	121	31	6	.....	.....	11	3	.....	4	14	1	73	73	
130	47	15	10	4	2	15	2	13	12	.....	.....	74	74	
644	152	203	99	10	4	12	8	1	9	5	1	3	75	
117	4	10	12	4	3	.....	.....	.....	4	.....	.....	76	76	
839	91	42	63	22	3	26	6	28	14	20	2	21	77	
11,478	2,997	4,904	986	328	171	210	86	26	259	392	.....	184	78	
116,606	3,215	2,508	1,290	390	198	696	167	42	220	1,156	6	268	79	
112	11	2	8	1	2	7	1	3	1	1	1	.....	80	
96	2	1	3	1	1	3	.....	1	.....	.....	.....	.....	81	
7,246	1,231	162	339	36	38	106	44	57	69	125	.....	38	82	
12	2	.....	.....	1	1	1	1	1	.....	.....	.....	3	83	
744	123	73	141	24	17	11	6	1	12	11	.....	3	84	
2,367	323	70	38	3	3	15	9	2	15	15	.....	13	85	
862,653	112,435	110,094	32,086	8,440	9,504	8,654	5,956	2,933	6,137	16,565	2,250	5,121	.....	.....
8,816	438	434	381	86	37	63	36	9	31	140	6	22	86	
610	24	6	13	1	2	3	4	.....	2	2	.....	2	87	
9,004	684	258	311	90	15	85	34	8	29	74	1	55	88	
7,330	3,508	1,824	444	81	89	341	104	110	227	221	4	79	89	
17,499	737	2,019	312	91	131	63	30	10	38	326	.....	76	90	
24,494	2,250	1,524	1,259	400	74	186	96	13	136	447	38	170	91	
6,058	293	799	72	13	2	19	8	1	8	61	.....	4	92	
181,478	16,886	9,532	5,341	1,537	1,044	1,166	847	179	861	2,732	207	694	93	
6,547	198	91	104	30	28	37	10	.....	13	30	.....	15	94	
682	8	31	20	5	4	3	.....	.....	14	.....	.....	95	95	
1,437	42	24	34	5	4	4	.....	3	12	.....	3	96	96	
6,387	139	368	257	74	11	16	8	3	16	76	.....	19	97	
173	2	7	4	.....	.....	.....	.....	3	4	1	1	98	98	
6,203	350	292	295	51	27	19	23	5	24	84	.....	19	99	
83,078	11,261	17,925	2,616	630	457	549	319	67	437	2,613	26	778	100	
3,310	292	261	86	28	84	16	8	3	8	93	6	18	101	
360	21	23	13	1	1	1	.....	1	4	.....	.....	102	102	
6,625	550	839	214	43	40	22	26	11	30	132	1	15	103	
10,218	625	205	238	55	17	36	25	5	30	126	.....	32	104	
94,505	7,855	37,822	3,860	913	3,930	381	291	55	564	2,857	563	426	105	
3,481	577	703	125	23	13	29	11	1	8	66	.....	6	106	
7,577	98	226	164	31	21	10	5	.....	11	150	.....	14	107	
10,909	2,296	2,214	455	71	41	295	307	301	182	138	55	98	108	
9,234	1,801	2,408	462	142	176	76	66	10	138	215	6	79	109	
2,016	1,026	430	80	31	2	51	32	4	32	13	.....	11	110	

836 PERSONS IN EACH OCCUPATION, WITH AGE AND SEX, AND NATIVITY.

TABLE XX.—THE UNITED STATES—Continued.

OCCUPATIONS.	PERSONS OCCUPIED.									
	AGE AND SEX.									
	All ages.			10 to 15.		16 to 59.		60 and over.		
	Total.	Males.	Females.	M.	F.	M.	F.	M.	F.	
111 Mule-packers	473	473	.....	.....	.....	473	.....	.....	.....	.....
112 Newspaper clerks and carriers	2,002	1,995	7	645	3	1,295	4	55	.....	.....
113 Officials of trading and transportation co's (a)	976	967	9	.....	.....	918	9	49	.....	.....
114 Officials of banks	2,738	2,738	.....	.....	.....	2,489	.....	249	.....	.....
115 Officials of express companies	75	75	.....	.....	.....	75	.....	.....	.....	.....
116 Officials of insurance companies	762	762	.....	.....	.....	668	.....	94	.....	.....
117 Officials of railroad companies	1,902	1,902	.....	.....	.....	1,830	.....	72	.....	.....
118 Officials of street railroad companies	88	88	.....	.....	.....	84	.....	4	.....	.....
119 Officials of telegraph companies	72	71	1	.....	.....	70	1	1	.....	.....
120 Packers	1,421	1,229	192	20	16	1,159	166	50	10	.....
121 Pawnbrokers	384	379	5	.....	.....	371	5	8	.....	.....
122 Peddlers	16,975	16,697	278	174	13	15,873	217	630	48	.....
123 Pilots	3,649	3,648	1	4	.....	3,499	1	145	.....	.....
124 Porters in stores and warehouses	16,631	16,631	.....	230	.....	15,964	.....	381	.....	.....
125 Sailors	56,663	56,663	.....	312	.....	54,618	.....	1,733	.....	.....
126 Salesmen and saleswomen (b)	14,203	11,493	2,775	266	99	11,017	2,075	145	1	.....
127 Shippers and freighters	3,567	3,564	3	0	.....	3,408	3	147	.....	.....
128 Steamboat men and women	7,075	7,035	40	36	.....	7,800	40	99	.....	.....
129 Stewards and stewardesses	1,245	1,160	85	.....	.....	1,126	83	34	2	.....
130 Toll-gate and bridge keepers	2,253	2,047	206	16	5	1,654	175	377	26	.....
131 Traders and dealers, (not specified)	100,406	97,573	2,833	315	72	93,516	2,551	3,742	210	.....
132 in agricultural implements	1,930	1,883	56	.....	.....	1,827	49	56	7	.....
133 books and stationery	3,392	3,337	55	.....	.....	3,210	53	118	2	.....
134 boots and shoes	7,010	6,947	72	.....	.....	6,690	71	257	1	.....
135 cabinetware	4,087	4,071	16	.....	.....	3,913	15	158	1	.....
136 cigars and tobacco	8,234	8,117	117	.....	.....	7,920	113	197	4	.....
137 clothing	7,595	7,532	63	.....	.....	7,313	56	219	7	.....
138 cloths and textile fabrics	1,163	1,115	48	.....	.....	1,083	48	32	.....	.....
139 coal	4,143	4,143	.....	.....	.....	3,950	.....	184	.....	.....
140 coal and wood	2,493	2,485	8	.....	.....	2,360	7	125	1	.....
141 cotton	1,701	1,698	3	.....	.....	1,625	3	73	.....	.....
142 crockery, china, and stoneware	1,765	1,703	62	.....	.....	1,635	58	68	4	.....
143 drugs and medicines	17,360	17,335	34	.....	.....	16,947	30	388	4	.....
144 dry-goods	39,790	39,120	661	.....	.....	37,920	623	1,209	38	.....
145 gold and silver ware and jewelry	6,402	6,382	20	.....	.....	6,180	19	103	1	.....
146 groceries	74,410	73,213	1,197	.....	.....	70,544	1,132	2,669	65	.....
147 hats and caps	3,375	3,360	15	.....	.....	3,146	15	214	.....	.....
148 ice	1,464	1,463	1	.....	.....	1,430	1	33	.....	.....
149 iron, tin, and copper wares	9,003	8,981	22	.....	.....	8,745	21	236	1	.....
150 leather, hides, and skins	2,261	2,257	4	.....	.....	2,167	4	90	.....	.....
151 lime	310	310	.....	.....	.....	297	.....	13	.....	.....
152 liquors and wines	11,718	11,013	100	.....	.....	11,408	96	204	10	.....
153 live stock	7,723	7,718	5	.....	.....	7,554	4	164	1	.....
154 lumber	9,440	9,430	4	.....	.....	9,068	4	368	.....	.....
155 machinery, (not specified) (c)	254	254	.....	.....	.....	246	.....	8	.....	.....
156 music and musical instruments	848	830	18	.....	.....	805	18	25	.....	.....
157 newspapers and periodicals	1,455	1,434	21	.....	.....	1,389	20	45	1	.....
158 oils, paints, and turpentine	986	985	1	.....	.....	945	1	40	.....	.....
159 optical instruments	301	301	.....	.....	.....	291	.....	10	.....	.....
160 produce	11,800	11,746	63	.....	.....	11,410	58	330	5	.....
161 provisions	7,528	7,474	54	.....	.....	7,181	52	293	2	.....
162 real estate	8,933	8,910	14	.....	.....	8,432	13	487	1	.....
163 sewing-machines	3,152	3,077	75	.....	.....	3,042	74	35	1	.....
164 Undertakers	1,996	1,976	20	.....	.....	1,839	14	137	6	.....
165 Weighers, gancers, and measurers	926	923	3	.....	.....	884	3	39	.....	.....
166 Wreckers	93	93	.....	2	.....	90	.....	1	.....	.....
MANUFACTURES, MECHANICAL AND MINING INDUSTRIES.										
167 Agricultural implement makers	2,353,471	353,950	49,970	25,064	2,221,063	323,375	82,429	4,011	.....	.....
168 Artificial flower makers	3,811	3,786	25	59	9	3,637	16	90	.....	.....
	1,169	218	951	7	255	200	604	11	2	.....

(a) Not specified.

(b) See Book-keepers and accountants in stores and Clerks in stores.

(c) Not agricultural implements.

TABLE XX.—THE UNITED STATES—Continued.

PERSONS OCCUPIED.													
NATIVITY.													
United States.	Germany.	Ireland.	England and Wales.	Scotland.	Sweden, Norway, and Denmark.	France.	Other north of Europe.	Italy.	Others south of Europe.	British America.	China and Japan.	Other and unknown.	
248	19	21	6	2	6	12	5	3	9	23	39	81	111
1,431	285	140	73	13	8	15	7	2	10	12	...	6	112
861	34	31	29	6	3	1	2	...	1	7	...	1	113
2,572	57	29	42	12	...	6	1	...	3	12	...	4	114
72	1	1	1	1	1	...	1	...	...	1	...	...	115
696	30	11	9	5	...	3	1	...	1	5	...	1	116
1,664	31	110	55	18	5	2	2	...	...	12	...	3	117
77	4	4	3	...	...	...	...	...	...	1	...	...	118
64	2	2	1	...	1	...	1	...	...	1	...	...	119
874	155	218	64	9	7	11	2	1	5	39	11	25	120
130	107	38	29	3	1	10	33	2	11	7	9	4	121
7,072	4,790	2,180	571	108	78	310	902	170	279	211	152	134	122
3,214	80	138	73	12	44	14	7	3	6	43	...	16	123
8,418	2,888	4,100	377	122	70	164	88	49	88	120	83	55	124
42,064	2,247	4,087	2,170	704	1,710	265	269	150	488	1,036	88	767	125
11,306	973	1,025	374	158	10	55	38	20	36	184	...	34	126
2,901	112	114	88	32	50	24	5	15	20	63	1	52	127
6,519	205	638	189	48	51	23	15	6	28	96	6	61	128
992	58	73	60	10	5	9	5	3	6	19	1	14	129
1,862	90	103	71	15	11	9	3	1	5	21	...	2	130
74,381	11,078	5,647	2,992	800	376	1,308	673	436	741	985	604	385	131
1,841	24	13	28	3	6	5	...	...	1	19	...	6	132
2,417	324	259	168	65	91	32	14	9	17	29	1	16	133
4,903	1,073	454	277	51	16	84	48	4	29	60	...	20	134
2,756	673	258	179	34	16	41	29	3	25	62	...	11	135
4,684	2,352	326	108	38	41	99	77	20	126	51	23	89	136
3,415	2,872	345	263	51	14	135	298	6	94	58	8	36	137
845	157	72	37	10	6	9	9	...	7	10	...	1	138
3,418	227	254	155	31	4	15	2	2	5	23	...	7	139
1,710	270	224	73	22	13	51	18	26	19	39	9	19	140
1,388	60	119	54	19	2	21	5	1	12	7	...	13	141
1,056	264	179	122	28	9	23	17	4	16	13	25	9	142
14,273	1,470	339	607	88	64	118	49	7	55	189	51	59	143
31,180	4,564	1,505	786	310	122	369	348	24	230	242	4	97	144
4,315	1,084	139	272	52	96	100	77	19	83	81	48	36	145
46,226	13,456	8,879	2,075	444	233	990	331	275	443	690	124	236	146
2,355	523	231	124	20	7	46	25	3	18	16	1	6	147
1,067	180	113	47	8	13	7	3	4	8	12	...	2	148
7,313	794	310	250	83	24	46	14	6	40	95	1	21	149
1,542	433	109	86	17	3	20	10	2	11	17	...	2	150
261	17	19	6	4	1	...	...	...	2	...	...	...	151
4,559	2,673	3,211	387	99	45	357	85	44	125	102	4	28	152
6,423	520	382	150	33	12	58	24	2	17	82	1	19	153
8,370	336	203	183	62	33	20	21	2	22	157	...	22	154
231	7	3	6	2	2	...	...	...	...	1	...	2	155
643	117	12	45	2	1	7	8	2	6	4	...	1	156
1,050	128	121	103	14	...	10	4	...	5	7	...	4	157
783	91	33	38	12	2	7	4	1	...	11	...	4	158
114	98	12	41	5	...	13	7	3	6	2	...	...	159
9,171	1,056	643	350	78	29	69	38	103	54	155	27	30	160
6,077	533	450	167	43	4	65	31	35	48	51	11	14	161
7,301	531	425	269	63	15	63	21	10	40	77	2	26	162
2,885	88	44	57	21	5	5	2	1	3	30	...	8	163
1,460	173	216	74	9	6	15	5	...	2	13	...	3	164
747	24	97	31	6	6	5	...	...	2	7	...	1	165
61	3	3	10	3	2	...	...	...	3	...	2	2	166
1,777,840	308,240	264,623	142,631	32,960	20,281	19,972	10,444	3,079	17,674	76,451	21,692	11,520	...
2,836	210	477	105	32	11	15	3	...	9	100	...	4	167
828	135	103	28	4	3	38	1	17	7	5	...	...	168

838 PERSONS IN EACH OCCUPATION, WITH AGE AND SEX, AND NATIVITY.

TABLE XX.—THE UNITED STATES—Continued.

OCCUPATIONS.	PERSONS OCCUPIED.								
	AGE AND SEX.								
	All ages.			10 to 15.		16 to 50.		60 and over.	
	Total.	Males.	Females.	M.	F.	M.	F.	M.	F.
169 Apprentices, (not specified) (a)	15,302	15,102	200	2,037	95	13,065	105	.....	.....
170 Bag-makers.....	866	520	346	55	91	456	254	9	1
171 Bakers.....	27,060	27,442	238	518	19	26,381	211	543	8
172 Basket-makers.....	3,297	3,082	215	86	14	2,580	175	410	26
173 Bell-founders.....	169	165	4	1	.....	160	4	4	.....
174 Belting-factory operatives.....	296	295	1	5	.....	286	1	4	.....
175 Blacksmiths.....	141,774	141,774	.....	599	.....	135,186	.....	5,980	.....
176 Bleachers, dyers, and scourers.....	4,901	4,582	319	122	19	4,256	296	204	4
177 Blind, door, and sash makers.....	5,155	5,155	.....	102	.....	4,987	.....	66	.....
178 Boat-makers.....	2,101	2,101	.....	5	.....	1,990	.....	106	.....
179 Bone and ivory workers.....	208	208	.....	1	.....	200	.....	7	.....
180 Bookbinders and finishers.....	9,104	6,375	2,729	233	215	5,987	2,509	155	5
181 Boot and shoe makers.....	171,127	161,485	9,642	1,791	537	150,554	8,988	9,140	117
182 Box-factory operatives.....	6,080	3,857	2,223	286	314	3,489	1,905	82	4
183 Brass founders and workers.....	4,694	4,592	102	87	11	4,393	91	110	.....
184 Brewers and maltsters.....	11,246	11,238	8	45	.....	11,039	8	164	.....
185 Brick and tile makers.....	26,070	25,996	74	1,431	25	24,168	48	307	1
186 Bridge builders and contractors (b).....	1,029	1,029	.....	.....	.....	1,013	.....	16	.....
187 Britannia and japanned ware makers.....	1,092	987	105	16	1	947	104	24	.....
188 Broom and brush makers.....	5,816	5,299	517	182	107	4,918	400	199	10
189 Bronze-workers.....	79	67	12	1	.....	65	12	1	.....
190 Builders and contractors, (not specified) (b).....	7,511	7,598	3	.....	.....	7,174	3	334	.....
191 Butchers.....	44,354	44,354	.....	338	.....	42,841	.....	1,175	.....
192 Button-factory operatives.....	1,272	736	536	96	87	611	444	29	5
193 Cabinetmakers.....	49,835	42,123	712	733	133	30,281	573	2,089	6
194 Candle, soap, and tallow makers.....	1,942	1,900	42	70	10	1,749	33	81	.....
195 Card and fancy-paper makers.....	339	118	221	12	17	103	203	3	1
196 Car-makers.....	2,293	2,228	.....	17	.....	2,187	.....	24	.....
197 Carpenters and joiners.....	344,596	344,596	.....	864	.....	329,062	.....	13,770	.....
198 Carpet-bag and satchel makers (c).....	202	139	63	11	7	122	54	6	3
199 Carpet-makers.....	15,009	10,292	5,377	263	259	8,896	4,732	1,133	386
200 Carriago and wagon makers.....	42,464	42,432	32	207	1	40,707	31	1,518	.....
201 Charcoal and lime burners.....	3,834	3,829	5	28	1	3,711	4	90	.....
203 Cheese-makers.....	3,534	2,750	784	30	20	2,650	759	70	5
203 Cigar-makers (d).....	28,286	26,442	1,844	1,094	115	25,172	1,721	176	8
204 Clerks and book-keepers, (in manufacturing estab'ments).....	5,601	5,641	220	74	10	5,487	210	80	.....
205 Clock-makers.....	1,770	1,704	75	46	7	1,568	67	90	1
206 Comb-makers.....	693	595	98	30	8	528	90	28	.....
207 Confectioners.....	8,219	7,607	612	63	21	7,329	552	215	39
208 Coopers.....	41,780	41,780	.....	340	.....	38,830	.....	2,610	.....
209 Copper-workers.....	2,122	2,118	4	19	1	2,046	3	60	.....
210 Cotton-mill operatives (e).....	111,606	47,208	64,398	9,773	10,171	35,491	53,340	1,942	878
211 Curriers, tanners, and finishers of leather.....	28,702	28,642	60	254	3	26,371	54	2,017	3
212 Daguerreotypists and photographers.....	7,558	7,333	223	29	3	7,210	219	91	6
213 Die-sinkers and stamp-makers.....	479	477	2	9	.....	457	2	11	.....
214 Distillers and rectifiers.....	2,874	2,868	6	.....	.....	2,793	6	75	.....
215 Employés of manufacturing establishments, (not specified).....	20,242	17,744	2,498	975	327	16,315	2,150	454	21
216 Engineers and firemen.....	34,233	34,233	.....	33	.....	33,857	.....	343	.....
217 Engravers.....	4,926	4,197	29	47	1	4,074	28	76	.....
218 Fertilizer-establishment operatives.....	316	310	6	2	.....	293	6	16	.....
219 File makers, cutters, and grinders.....	1,413	1,401	12	93	1	1,290	11	18	.....
220 Fireworks-makers.....	101	90	11	12	2	70	9	8	.....
221 Fishermen and oystermen.....	27,106	27,071	35	825	2	24,850	32	1,396	1
222 Flax-dressers.....	1,046	725	321	108	93	600	228	17	.....
223 Fur-workers.....	1,101	836	355	6	27	603	324	27	4
224 Galloon, gimp, and tassel makers.....	569	242	327	21	53	186	272	35	2
225 Gas-works employés.....	2,086	2,082	4	26	.....	2,016	4	40	.....
226 Gilders.....	1,534	1,499	35	17	5	1,451	30	31	.....

(a) All apprentices to manual trades whose trades were specified on the schedules have been included in these with the journeymen of their respective crafts.

(b) See Builders and contractors, (not specified); also Bridge, House, and Railroad builders and contractors.

(c) See Trunk and valiso makers.

(d) See Tobacco-factory operatives.

(e) See Mill and factory operatives, (not specified,) and Woolen-mill operatives.

TABLE XX.—THE UNITED STATES—Continued.

PEIORS OCCUPIED.													
NATIVITY.													
United States.	Germany.	Ireland.	England and Wales.	Scotland.	Sweden, Norway, and Denmark.	France.	Other north of Europe.	Italy.	Other south of Europe.	British America.	China and Japan.	Other and unknown.	
13,200	745	600	332	62	30	35	19	7	40	175	39	160	
476	116	131	34	10	1	7	11	5	5	70	170		
11,167	10,863	2,421	897	487	134	698	188	46	294	377	31	147	
2,044	936	74	88	15	25	41	15	2	17	31	1	8	
137	6	18	4	2	1	1	1	1	1	2	1	173	
225	13	35	16	2	1	2	1	1	1	2	1	174	
101,567	14,012	12,339	5,005	1,401	1,236	866	363	31	600	3,712	44	529	
2,013	705	1,001	614	165	23	162	40	4	42	39	4	176	
3,899	618	171	106	22	51	26	19	7	24	161	45	6	
1,743	92	122	72	11	1	11	1	1	3	43	1	178	
138	44	10	9	1	1	3	2	1	1	1	1	170	
6,460	944	778	498	93	52	30	41	12	55	120	12	180	
108,320	28,286	16,908	5,082	1,041	1,402	1,520	771	146	1,107	5,500	489	519	
4,273	918	472	116	33	19	34	31	9	35	87	36	17	
2,501	454	1,079	372	125	22	45	7	1	9	70	17	183	
2,715	6,780	520	380	73	44	271	85	8	249	92	5	15	
15,268	3,340	3,443	731	85	305	159	114	49	171	2,260	62	74	
860	23	60	22	9	3	3	1	1	1	27	1	186	
655	91	109	120	17	2	2	1	1	1	93	1	187	
4,025	747	530	236	52	28	30	34	7	19	102	7	188	
24	20	16	4	12	12	12	1	1	1	2	1	189	
4,077	483	1,203	404	104	36	44	6	2	21	145	1	25	
23,412	13,227	2,646	2,089	247	123	1,076	273	17	477	504	85	178	
802	54	263	89	3	2	2	1	1	4	54	1	192	
25,293	11,798	1,595	1,030	240	632	518	317	40	436	849	11	86	
936	480	304	77	25	10	27	9	19	28	22	5	194	
283	16	26	7	2	1	1	1	1	3	1	1	195	
1,756	164	151	80	20	8	11	4	2	28	1	4	196	
264,531	20,704	16,566	9,784	2,845	3,500	1,796	1,025	192	1,826	11,288	155	1,384	
82	82	14	7	5	1	3	6	2	2	1	1	198	
8,518	1,725	2,706	1,524	501	49	70	40	3	88	363	1	93	
32,344	5,196	1,590	1,162	232	288	288	126	10	277	977	3	81	
2,457	306	506	153	26	18	88	18	13	25	122	5	201	
3,123	114	53	58	31	3	7	19	19	53	70	1	202	
13,633	9,292	547	804	51	114	162	451	60	416	177	1,727	643	
4,997	334	202	189	49	1	18	16	2	7	42	1	13	
1,351	146	171	64	4	1	9	5	1	11	12	1	205	
572	13	71	17	7	1	2	2	1	10	1	1	206	
4,350	2,185	477	312	101	30	225	74	209	111	114	6	25	
25,003	8,954	3,484	706	232	272	589	173	12	378	973	11	102	
997	415	337	164	47	51	25	24	2	15	43	2	209	
71,547	1,214	18,713	10,091	1,714	35	110	72	6	92	7,683	3	326	
18,005	3,458	4,764	756	256	165	169	67	6	121	893	43	211	
6,327	410	146	287	42	54	50	23	5	26	165	5	18	
332	39	31	40	9	5	9	3	1	1	9	1	213	
1,610	692	334	79	11	7	49	29	6	29	23	5	214	
12,549	2,514	2,717	912	205	260	143	89	14	140	462	106	71	
24,236	2,098	3,317	2,550	742	127	179	66	11	102	653	102	216	
2,236	890	230	434	103	18	113	36	4	53	49	1	9	
127	56	70	12	1	6	1	1	1	2	35	5	218	
603	183	135	345	11	1	12	4	1	8	19	1	219	
69	11	7	9	1	1	1	1	1	2	1	1	220	
21,551	564	872	443	95	345	165	84	235	332	1,573	310	537	
717	12	187	43	63	1	1	1	1	2	19	2	222	
435	372	183	111	8	5	17	26	2	13	17	2	223	
446	40	37	20	3	3	3	8	4	4	4	1	224	
894	163	816	121	35	9	5	7	7	7	23	1	5	
771	382	153	103	30	17	22	3	2	26	24	1	226	

840 PERSONS IN EACH OCCUPATION, WITH AGE AND SEX, AND NATIVITY

TABLE XX.—THE UNITED STATES—Continued.

OCCUPATIONS.	PERSONS OCCUPIED.									
	AGE AND SEX.									
	All ages.			10 to 15.		16 to 59.		60 and over.		
	Total.	Males.	Females.	M.	F.	M.	F.	M.	F.	
227 Glass-works operatives	9,518	9,345	173	1,233	17	7,973	151	139	5	
228 Glove-makers	2,329	1,110	1,219	35	87	1,020	1,078	55	54	
229 Glue-makers	241	235	6	15		213	6	7		
230 Gold and silver workers	18,508	17,279	1,229	265	92	16,486	1,135	528	2	
231 Gun and lock smiths	8,184	8,151	33	76	1	7,677	32	398		
232 Hair cleaners and dressers	1,026	570	456	64	67	468	383	38	6	
233 Harness and saddle makers	32,817	32,767	50	283	4	31,407	46	987		
234 Hat and cap makers	12,625	9,275	3,350	248	202	8,761	3,054	266	94	
235 Hoop-skirt makers	962	208	754	7	42	192	710	9	2	
236 Hose-makers, (leather and other)	248	130	118	4	5	118	90	8	23	
237 House builders and contractors (a)	309	309				364		35		
238 Ice-cutters	142	142		1		141				
239 Ink-makers	78	75	3	7		66	3	2		
240 Iron & steel works & shops operatives, (not specified)	22,141	21,646	405	792	72	20,543	388	311	35	
241 Iron-foundry operatives (b)	34,245	34,245		616		33,123	*	477		
242 Iron-furnace operatives	7,452	7,452		148		7,068		236		
243 Iron and steel rolling-mill operatives	17,249	17,249		506		16,430		253		
244 Knitting and hosiery mill operatives	3,653	1,604	1,989	223	306	1,370	1,625	71	58	
245 Linen-mill operatives	706	262	444	112	109	148	333	2	2	
246 Lumbermen and raftsmen	17,732	17,732		48		17,357		347		
247 Macaroni and vermicelli makers	29	27	2		1	25	1	2		
248 Machinists	54,735	54,735		209		53,215		1,331		
249 Manufacturers	42,877	42,087	100			40,712	186	1,975	4	
250 Marble and stone cutters	25,831	25,831		84		25,155		502		
251 Masons, brick and stono	89,710	89,710		251		85,521		3,938		
252 Mast, spar, oar, and block makers	653	653		3		618		32		
253 Mattockmakers	375	347	28	6	1	328	26	13	1	
254 Meat and fruit preserving establishment employés	770	356	414	37	90	301	317	18	1	
255 Meat packers, curers, and picklers	1,164	1,154	10	4		1,095	10	55		
256 Mechanics, (not specified)	16,514	13,955	2,559	190	177	13,224	2,290	541	92	
257 Mill and factory operatives, (not specified) (c)	41,619	33,500	8,110	2,340	1,371	30,537	6,696	623	43	
258 Millers	41,582	41,343	239	121	1	38,889	236	2,333	2	
259 Milliners, dress and mantua makers (d)	92,084	1,604	90,480	20	1,730	1,494	88,015	90	726	
260 Mineral-water makers	458	453	5	43		405	5	5		
261 Miners	152,107	152,061	46	3,496	28	144,402	18	4,163		
262 Mirror and picture frame makers	970	946	24	36		898	24	12		
263 Morocco-dressers	1,728	1,704	24	19	3	1,641	20	44	1	
264 Musical-instrument makers, (not specified)	377	377		1		365		11		
265 Needlemakers	164	130	34	13	2	116	32	1		
266 Officials of manufacturing companies	2,144	2,141	3			2,061	3	80		
267 Officials of mining companies	570	570				567		9		
268 Oil-cloth makers	454	451	3			439	3	13		
269 Oil-refinery operatives	1,747	1,708	39	37	16	1,654	23	17		
270 Oil-well operators and laborers	3,803	3,802	1	8		3,777	1	17		
271 Organ-makers	667	659	8	9		632	8	18		
272 Oyster-packers	443	329	114	61	20	259	94	9		
273 Painters and varnishers	85,123	85,070	53	834	3	82,655	48	1,581	2	
274 Paper-hangers	2,490	2,471	19	33	2	2,390	17	48		
275 Paper-mill operatives	12,460	8,585	3,884	415	285	7,901	3,562	269	37	
276 Patent-medicine makers	409	331	78	13	3	303	74	15	1	
277 Pattern-makers	3,970	3,970		9		3,785		170		
278 Perfumers	248	142	106	8	5	129	101	5		
279 Piano-forte makers	2,535	2,531	4	21		2,434	4	76		
280 Plasterers	23,577	23,577		109		23,025		443	*	
281 Plaster-molders	223	222	1	5		212	1	5		
282 Plate-printers	231	226	5	2		220	5	4		
283 Plumbers and gasfitters	11,143	11,143		72		10,974		97		
284 Potters	5,050	4,948	112	220	21	4,517	91	211		

(a) See Builders and contractors, (not specified); also Bridge and Railroad builders and contractors.

(b) See Stove, furnace, and grato makers.

(c) See Cotton-mill operatives and Woolen-mill operatives.

(d) See Shirt, cuff, and collar makers and Tailors, tailresses, and seamstresses.

PERSONS IN EACH OCCUPATION, WITH AGE AND SEX, AND NATIVITY. 841

TABLE XX.—THE UNITED STATES—Continued.

PERSONS OCCUPIED.													
NATIVITY.													
United States.	Germany.	Ireland.	England and Wales.	Scotland.	Sweden, Norway, and Denmark.	France.	Other north of Europe.	Italy.	Other south of Europe.	British America.	China and Japan.	Other and unknown.	
6,964	934	705	413	72	25	134	45	10	48	70	8	227	
2,000	95	31	141	10	2	22	2	.....	7	15	4	928	
98	105	28	2	1	.....	1	2	.....	3	1	.....	229	
11,090	3,088	1,021	1,135	190	238	312	102	39	326	239	16	52	230
4,703	2,091	453	452	51	49	141	60	4	88	63	2	18	231
425	220	128	86	25	17	26	18	2	6	16	52	5	232
24,568	3,868	1,747	811	161	161	226	130	11	244	715	1	174	233
8,829	1,154	1,727	518	74	17	93	62	13	35	87	2	14	234
672	51	185	19	3	2	4	8	.....	5	11	.....	2	235
174	8	8	47	2	.....	.....	.....	.....	.....	1	.....	8	236
324	30	19	10	1	1	2	.....	.....	1	11	.....	.....	237
108	4	17	2	.....	1	1	.....	.....	1	8	.....	.....	238
58	5	10	3	.....	1	.....	.....	.....	.....	1	.....	.....	239
14,278	1,410	3,775	1,878	222	22	100	63	6	49	291	.....	47	240
18,538	4,409	6,826	2,196	732	184	254	142	12	146	742	.....	64	241
4,294	562	1,780	612	48	14	43	2	4	18	61	.....	14	242
8,703	1,703	3,451	2,717	155	46	75	73	12	65	138	2	19	243
2,458	93	301	563	66	1	5	5	.....	1	56	.....	24	244
346	8	229	33	84	.....	.....	.....	.....	.....	6	.....	.....	245
13,530	443	567	263	171	356	47	20	10	27	1,908	111	279	246
3	5	1	.....	.....	1	.....	1	17	1	.....	.....	.....	247
35,432	5,016	4,833	5,175	1,741	299	499	174	31	324	1,097	6	128	248
31,962	4,896	1,817	2,180	447	151	308	183	43	249	506	22	104	249
11,933	3,401	6,237	1,709	906	114	212	102	72	201	766	.....	38	250
55,147	11,606	13,537	4,460	980	703	475	300	67	592	1,500	23	291	251
518	23	48	28	11	.....	5	1	.....	3	16	.....	.....	252
214	89	28	13	4	3	12	7	1	2	2	.....	.....	253
633	51	58	15	1	1	3	1	.....	1	4	.....	2	254
671	230	198	54	15	2	22	4	.....	10	7	7	5	255
11,865	1,870	1,119	777	190	55	106	65	34	67	264	1	41	256
29,392	3,099	3,852	1,805	496	343	154	161	17	416	1,597	203	84	257
35,290	2,614	867	1,434	323	133	173	86	8	152	431	11	60	258
72,505	3,541	8,578	2,894	687	197	526	176	31	265	2,468	20	106	259
258	102	66	12	.....	.....	1	6	.....	8	4	.....	1	260
57,388	8,579	22,822	28,877	5,615	1,559	1,731	523	831	2,764	2,489	17,069	1,960	261
516	240	81	34	12	15	18	13	* 9	9	20	.....	3	262
841	170	627	43	14	.....	7	2	.....	1	19	.....	4	263
190	125	13	24	2	2	3	5	2	4	7	.....	204	
132	2	5	19	2	.....	1	.....	.....	.....	3	.....	.....	265
1,787	65	74	147	30	3	7	4	.....	1	18	1	7	266
384	22	35	89	35	.....	2	.....	.....	1	3	3	2	267
199	68	135	16	5	14	8	1	.....	4	3	.....	1	268
861	350	305	130	20	7	11	8	1	9	43	.....	2	269
3,225	104	168	95	18	3	4	2	.....	6	176	.....	2	270
454	93	19	48	4	6	2	6	.....	3	29	.....	3	271
339	70	2	6	.....	.....	1	.....	24	1	.....	.....	.....	272
65,226	6,736	4,383	4,200	745	829	481	402	57	442	1,408	8	206	273
1,096	323	150	181	38	17	26	8	3	12	33	.....	3	274
8,202	759	2,322	501	299	53	22	18	6	28	245	10	4	275
215	107	47	19	6	1	2	2	1	6	3	.....	.....	276
2,763	342	210	341	117	30	44	18	1	20	75	.....	9	277
186	14	13	10	1	2	10	4	.....	8	.....	.....	.....	278
1,108	1,011	123	82	22	45	28	26	16	16	40	.....	18	279
16,811	1,580	3,044	1,031	216	190	79	54	28	101	365	1	77	280
60	24	11	8	3	1	1	1	91	6	2	6	.....	281
172	28	9	12	6	.....	1	1	.....	1	1	.....	.....	282
6,655	621	2,274	876	412	34	34	16	6	16	181	.....	18	283
3,260	645	263	575	174	16	39	13	2	33	37	.....	3	284

842 PERSONS IN EACH OCCUPATION, WITH AGE AND SEX, AND NATIVITY.

TABLE XX.—THE UNITED STATES—Continued.

OCCUPATIONS.	PERSONS OCCUPIED.								
	AGE AND SEX.								
	All ages.			10 to 15.		16 to 59.		60 and over.	
	Total.	Males.	Females.	M.	F.	M.	F.	M.	F.
285 Powder-makers	575	568	7	1	.....	551	7	16	.....
286 Printers	39,800	38,363	1,495	1,436	134	36,453	1,360	476	1
287 Print-works operatives	3,738	2,786	952	512	87	2,120	855	154	10
288 Publishers of books, maps, and newspapers	1,577	1,577	.....	.....	.....	1,537	.....	40	.....
289 Pump-makers	1,672	1,672	.....	14	.....	1,564	.....	94	.....
290 Quarrymen	13,589	13,589	.....	548	.....	12,781	.....	260	.....
291 Quartz and stamp mill laborers	617	617	.....	44	.....	509	.....	4	.....
292 Rag-pickers	436	336	100	26	14	241	61	60	25
293 Railroad builders and contractors (a)	1,293	1,293	.....	.....	.....	1,273	.....	19	.....
294 Reed and shuttle makers	200	194	6	3	1	184	5	7	.....
295 Roofers and slaters	2,750	2,750	.....	27	.....	2,669	.....	54	.....
296 Rope and cordage makers	2,075	2,345	330	213	79	2,026	240	106	2
297 Rubber-factory operatives	3,886	2,035	1,851	86	57	1,909	1,793	40	1
298 Sail and awning makers	2,309	2,278	31	8	.....	2,164	29	106	2
299 Salt-makers	1,721	1,721	.....	56	.....	1,611	.....	54	.....
300 Saw-mill operatives	47,298	47,263	35	700	7	45,941	28	532	.....
301 Sawyers	6,939	6,939	.....	18	.....	6,459	.....	402	.....
302 Scale and rule makers	416	390	26	9	.....	373	26	8	.....
303 Screw-makers	780	434	346	46	71	380	275	8	.....
304 Sewing-machine factory operatives	3,881	2,015	1,866	74	76	1,921	1,780	20	1
305 Sewing-machine operators	3,043	182	2,860	1	175	178	2,678	3	7
306 Shingle and lath makers	3,788	3,704	84	133	19	3,443	65	128	.....
307 Ship-carpenters	15,900	15,900	.....	10	.....	15,102	.....	788	.....
308 Ship-smiths	306	306	.....	1	.....	387	.....	8	.....
309 Ship-calkers	3,008	3,008	.....	3	.....	2,950	.....	115	.....
310 Ship-riggers	1,057	1,041	16	1	.....	975	15	65	1
311 Shirt, cuff, and collar makers (b)	4,080	1,268	2,812	31	131	1,214	2,070	23	11
312 Shot, cartridge, and fuse makers	186	97	89	2	10	92	70	3	.....
313 Silk-mill operatives	3,256	954	2,302	276	617	657	1,680	21	5
314 Spring and axle makers	301	301	.....	7	.....	299	.....	5	.....
315 Star-chalk-makers	229	180	40	5	7	183	33	2	.....
316 Stave, shooek, and heading makers	1,858	1,825	33	119	5	1,073	28	33	.....
317 Steam-boiler makers	6,958	6,953	5	65	.....	6,814	5	74	.....
318 Steam-engine makers	4,172	4,172	.....	5	.....	4,080	.....	81	.....
319 Stereotypers	333	329	4	1	.....	319	4	9	.....
320 Stove, furnace, and grate makers (c)	1,543	1,543	.....	16	.....	1,497	.....	30	.....
321 Straw-workers	2,020	500	1,430	11	41	575	1,357	13	32
322 Sugar makers and refiners	1,600	1,599	10	10	.....	1,558	10	31	.....
323 Tailors, tailoresses, and seamstresses (b)	161,820	64,613	97,207	453	2,265	60,947	93,030	3,213	1,912
324 Tinniers	30,524	30,507	17	449	.....	29,564	17	494	.....
325 Tool and cutlery makers	5,351	5,255	96	163	18	4,994	78	98	.....
326 Trunk and valise makers (d)	1,845	1,831	14	63	.....	1,737	14	31	.....
327 Tobacco-factory operatives (e)	11,985	9,695	2,290	1,935	561	7,600	1,710	151	19
328 Truss-makers	74	64	10	.....	.....	62	10	2	.....
329 Typo founders and cutters	649	556	93	49	15	490	78	8	.....
330 Umbrella and parasol makers	1,439	749	690	34	33	684	654	31	3
331 Upholsterers	5,736	5,558	178	61	6	5,388	160	109	12
332 Wheelwrights	20,042	20,042	.....	15	.....	19,153	.....	1,774	.....
333 Whip-makers	609	401	118	12	.....	448	113	31	5
334 Window-shade makers	245	219	26	4	2	212	24	3	.....
335 Wire makers and workers	1,834	1,753	81	65	7	1,667	74	21	.....
336 Woodchoppers	8,338	8,338	.....	130	.....	7,931	.....	277	.....
337 Wood turners and carvers	7,047	7,003	44	84	.....	7,623	42	196	2
338 Woolen-mill operatives (f)	58,836	36,060	22,776	4,076	3,351	30,910	19,302	1,074	123

(a) See Builders and contractors, (not specified); also Bridge and House builders and contractors.

(b) See Milliners, dress, and mantua makers, Shirt, cuff, and collar makers, and Tailors, tailoresses, and seamstresses.

(c) See Iron-foundry operatives.

(d) See Carpet-bag and satchel makers.

(e) See Cigar-makers.

(f) See Cotton-mill operatives and Mill and factory operatives, (not specified.).

PERSONS IN EACH OCCUPATION, WITH AGE AND SEX, AND NATIVITY. 843

TABLE XX.—THE UNITED STATES—Continued.

PERSONS OCCUPIED.

NATIVITY.

United States.	Germany.	Ireland.	England and Wales.	Scotland.	Sweden, Norway, and Denmark.	France.	Other north of Europe.	Italy.	Other south of Europe.	British America.	China and Japan.	Other and unknown.
290	26	148	37	12	4	161	112	19	128	25	22	285
31,208	2,249	2,856	1,652	409	122	1,406	112	19	128	803	23	118 286
1,674	47	1,078	573	141	2	10	6	5	110	89	3	287
1,353	59	47	60	13	2	7	2	—	4	17	4	288
1,465	66	39	44	10	4	4	4	—	2	31	3	289
6,020	1,301	4,031	1,258	140	203	54	36	16	42	436	52	290
150	110	98	89	8	15	32	1	—	21	68	3	291
203	108	68	2	—	1	8	9	14	22	—	1	292
990	22	167	27	19	7	6	1	—	1	40	3	293
150	5	9	21	6	—	—	2	—	—	1	—	294
1,707	210	483	193	75	5	10	7	—	5	38	8	295
1,535	431	414	121	63	8	15	10	3	24	34	6	296
2,383	347	778	103	24	5	9	8	1	2	224	2	297
1,679	81	168	111	31	114	17	6	5	12	79	6	298
790	251	460	20	14	11	21	3	—	3	123	16	299
33,527	3,404	1,703	689	304	1,176	135	130	13	211	4,894	40	982 300
5,764	480	231	107	28	15	37	10	7	17	209	19	15 301
290	43	44	18	4	—	2	—	—	—	15	—	302
558	17	158	30	6	—	—	—	—	4	5	2	303
2,614	195	742	190	28	4	22	19	3	11	44	9	304
2,337	77	470	71	17	5	6	2	1	—	52	4	305
3,136	146	53	39	13	26	5	7	—	25	200	78	306
11,720	644	1,176	545	295	252	74	32	7	34	1,072	1	48 307
283	3	66	20	5	3	3	—	—	—	10	3	308
2,346	82	312	93	32	19	10	3	4	5	151	11	309
495	65	175	129	42	78	12	10	5	9	26	11	310
2,970	277	557	110	33	5	17	23	3	25	53	7	311
155	10	17	4	—	—	—	—	—	—	—	—	312
2,258	78	233	432	33	4	73	96	1	11	35	2	313
165	32	58	19	8	—	4	2	—	3	10	—	314
80	57	79	12	—	—	—	—	—	—	1	—	315
1,353	286	69	32	7	10	28	3	—	10	59	1	316
3,177	585	1,907	732	307	21	45	14	1	10	139	20	317
2,549	375	427	464	134	34	62	7	1	29	82	8	318
211	25	43	23	13	1	12	—	—	1	4	—	319
963	264	192	70	9	1	10	3	—	1	30	—	320
1,880	13	83	29	4	—	2	—	—	—	18	—	321
360	893	213	32	9	7	21	18	19	16	5	9	322
94,875	33,200	18,009	4,765	1,106	1,961	1,406	1,304	146	1,366	2,795	145	542 323
23,337	3,835	1,732	1,019	241	155	204	125	22	210	520	13	42 324
3,012	672	560	606	51	11	40	14	1	26	346	—	12 325
966	549	176	44	8	8	19	10	1	37	24	—	3 326
10,266	936	451	96	10	6	36	40	3	73	24	1	43 327
49	14	3	7	—	—	—	—	—	—	1	—	328
457	57	67	37	15	—	5	1	1	5	3	—	1 329
988	134	239	38	—	1	15	5	1	5	9	—	4 330
2,832	1,083	437	313	70	99	100	42	6	39	96	—	19 331
17,477	1,416	652	410	111	65	103	71	4	51	520	3	41 332
472	44	41	29	1	2	7	2	—	4	7	—	333
178	45	9	1	1	2	—	2	—	3	4	—	334
832	172	541	195	19	4	6	5	6	5	47	2	335
6,201	322	106	100	30	88	81	25	30	68	735	410	43 336
4,271	9,210	450	347	80	93	155	73	16	83	153	—	16 337
32,683	2,064	12,231	6,609	1,306	69	138	78	4	148	3,175	97	234 338

ERRATA.

In preparing for the press the Statistics of Occupations contained in the present volume, and in the volume on Population, the number of "domestic servants," females, between the ages of 16 and 59, in the city of Detroit, was, by a clerical error, made to appear 2,146, instead of 2,746. This error was carried through the line of "domestic servants," for that city, and into the totals of the State, and the United States.

By the same species of error the number of "lawyers," in the State of Vermont, males, between the ages of 16 and 59, was made to appear 48, instead of 418. This error was also carried into the total of the United States.

The true totals for these occupations are, therefore, as follows:

Domestic servants.

	Number.	AGE AND SEX.						SELECTED NATIVITY.																									
		10 to 15.		16 to 59.		60 and over.		United States.		Germany.		Ireland.		England and Wales.		Scotland.		Sweden, Norway & Denmark.		France.		Other north of Europe.		Italy.		Other south of Europe.		British America.		China and Japan.		Other and unknown.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.				
City of Detroit	3,266	2	108	336	2,746	4	8	1,191	535	659	152	326	2	1,740	686	213	2	101	16	1,488	331	6	116	2,755	14,878	561	-----	1,456	5,420	1,163			
State of Michigan	24,605	127	2,195	2,144	19,764	94	401	16,988	1,755	1,740	12	322	2	145,950	12,531	3,399	11,987	2,874	16	1,488	331	6	116	2,755	14,878	5,420	-----	1,163	5,420	1,163			
United States	951,334	23,598	86,905	81,964	732,045	3,818	24,004	704,760	42,866	145,950	12,531	3,399	11,987	2,874	1,488	331	6	116	2,755	14,878	5,420	-----	1,163	5,420	1,163	5,420	1,163	5,420	1,163	5,420	1,163		

Lawyers.

	Number.	AGE AND SEX.						SELECTED NATIVITY.					
		10 to 15.		16 to 59.		60 and over.		United States.		Germany.		Ireland.	
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
State of Vermont	449							405	1				
United States.....	41,106			39,313		5	1,788	38,782	513			730	2
										England and Wales.	443		
										Scotland.	12 ¹		
										Sweden, Nor- way, & Den- mark.	31		
										France.	58		
										Other north of Europe.	37		
										Italy.	3		
										Other south of Europe.	25		
										British Amer- ica.	56 ²⁰		
										China and Ja- pan.			
										Other and un- known.	104		