

INDEX.

| | Page. |
|---|--------|
| Administrative and general office schedule..... | 33 |
| Agricultural products, distinguished from factory products..... | 15 |
| Antimony smelters..... | 10 |
| Architects..... | 11 |
| Artificial stone, laying of..... | 11 |
| Automobile repairing..... | 13 |
| Basalt..... | 10 |
| Beet-sugar industry, report year..... | 31 |
| Beverages, bottling of..... | 15 |
| Bicycle repairing..... | 13 |
| Blacksmiths and wheelwrights..... | 13 |
| Bleacheries..... | 12 |
| Blue printing..... | 13 |
| Board, furnished to factory employees..... | 24 |
| Boiler works..... | 14 |
| Bonuses, furnished to factory employees..... | 24 |
| Boot and shoe manufacture: | |
| Custom and repair shops..... | 12 |
| Factories engaged in..... | 12 |
| Bottling..... | 15 |
| Brick, builders and contractors..... | 11 |
| Brick manufacturers..... | 12 |
| Bridge building..... | 11 |
| Building, establishments manufacturing supplies for..... | 12 |
| Building trades, omission of..... | 11 |
| Buildings, moving or razing..... | 11 |
| Butchers, retail..... | 15 |
| Butter manufacture: | |
| In factories..... | 15 |
| On farms..... | 15 |
| Canning: | |
| Fish and oysters..... | 16, 19 |
| Fruits and vegetables..... | 16, 19 |
| Carbon black..... | 10 |
| Carpenter shops..... | 11 |
| Carpets, rag, made outside factories..... | 11, 13 |
| Casinghead gasoline..... | 10 |
| Cement..... | 10 |
| "Central office": | |
| Expenses of..... | 33 |
| Plants controlled from..... | 5, 38 |
| Post-office address..... | 5, 20 |
| Schedule for..... | 33 |
| Change in name of establishment..... | 4 |
| Cheese manufacture: | |
| In factories..... | 15 |
| On farms..... | 15 |
| Chief special agents, supplemental instructions to..... | 34 |
| Cider, manufacture on farms..... | 15 |
| Cigar stores..... | 13 |
| Clay products..... | 10 |
| Cleaning and pressing garments..... | 12 |
| Clerks, detail to office of chief special agent..... | 37 |
| Clothing manufacture: | |
| Establishments making ready-made clothing..... | 12 |
| In homes..... | 11 |
| Coal used for producing coke or gas..... | 26 |
| Coke (beehive and by-product ovens)..... | 10 |
| Cold-storage plants, ice manufacture by..... | 14 |

| | Page. |
|--|--------|
| Completion of work, date of..... | 2 |
| Compulsory feature of census..... | 9 |
| Concrete, laying of..... | 11 |
| Confectionery stores..... | 13 |
| Confidential character of information..... | 9, 43 |
| Contract lumber sawing..... | 17 |
| Contract work: | |
| By convicts for private concerns..... | 23 |
| Employees engaged in..... | 24 |
| For other manufacturing establishments..... | 29 |
| Method of reporting..... | 24 |
| Contractors: | |
| Carpenters..... | 11 |
| Masonry, brick and stone..... | 11 |
| Convict labor, employed on work for private concern..... | 23 |
| Cooperation with Geological Survey..... | 10 |
| Copper: | |
| Smelters..... | 10 |
| Refineries..... | 10 |
| Coppersmithing..... | 11 |
| Cornices, manufacture of..... | 11 |
| Corporations: | |
| Officers of..... | 22 |
| Salaried officials of..... | 22 |
| Correspondence..... | 1, 2 |
| Costumers..... | 14 |
| Cotton: | |
| Cleaning and rehandling of..... | 14 |
| Compressing of..... | 14 |
| Ginning of..... | 14 |
| Cotton mills, yarn spun in..... | 25 |
| Cottonseed-oil industry, report year..... | 31 |
| Custom mills..... | 16 |
| Custom work: | |
| Amount received for..... | 29 |
| On wearing apparel..... | 12 |
| Daily reports..... | 1 |
| Dairies..... | 15 |
| Data, confidential character of..... | 9, 43 |
| Days in operation..... | 24 |
| Dentistry..... | 14 |
| Department stores, factories conducted in connection with..... | 19 |
| Diesinking..... | 14 |
| Directors of corporations..... | 22 |
| Discounts, deduction of..... | 28 |
| Dressmaking..... | 12 |
| Drivers, on delivery wagons..... | 23 |
| Drug stores, retail..... | 13 |
| Dye works..... | 12 |
| Educational institutions, manufacturing in..... | 15 |
| Electric construction work, to be excluded from canvass..... | 11 |
| Electric light and power stations..... | 14 |
| Electric wiring, to be excluded from canvass..... | 11 |
| Electrical apparatus, manufacture of..... | 12 |
| Eleemosynary institutions, manufacturing in..... | 15 |
| Employees, method of reporting..... | 21, 23 |
| Engineers, in mills..... | 23 |
| Engraving, by lithographing or printing establishments..... | 14 |
| Erroneous statements, how treated..... | 9 |
| Establishments: | |
| Change in name of..... | 4 |
| Combining two or more kinds of business..... | 10, 20 |
| Controlled by office outside agent's district..... | 5 |
| Days in operation..... | 24 |
| Definition of..... | 18 |
| Description of..... | 20 |

INDEX.

47

| | Page. |
|---|------------|
| Establishments—Continued. | |
| Divided | 18 |
| Idle | 6 |
| Index cards for | 2 |
| Kinds included in canvass | 11 |
| Lists of | 2-6 |
| Nonmanufacturing | 4 |
| Operated by same owner in different localities | 18 |
| Retail | 13 |
| Unlisted | 3 |
| Inmates, when accepted | 21, 22 |
| Operating | 11 |
| Licenses: | |
| Exceeding value of products | 29 |
| Of central office | 33 |
| Factory: | |
| Days operated | 24 |
| Establishments under factory system | 11 |
| Outside, office inside agents' district | 5 |
| Products of, distinguished from farm products | 15 |
| Use of term | 11 |
| <i>See also</i> Establishments. | |
| Farm products, distinguished from factory products | 15 |
| Full mills, custom | 16 |
| Full alloys | 10 |
| Fulltilizers, manufacture in slaughterhouses | 33 |
| Fines, for violation of census law | 42-44 |
| Furnaces, in mills | 23 |
| Furnace, canning and preserving of | 14 |
| Furnaces | 14 |
| Furnaces | 14 |
| Full mills | 16 |
| Furnaces, classification of | 22 |
| Furnaces | 39 |
| Furnaces and machine shops | 14 |
| Furnaces | 28 |
| Furnaces: | |
| Canning of | 15, 16, 19 |
| Packing and shipping of | 16 |
| Furnaces, cost of | 26 |
| Furnaces: goods, establishments manufacturing | 12 |
| Furnaces: stores | 12 |
| Furnaces: | |
| Repairing | 13 |
| Stores selling | 13 |
| Furnaces: | |
| Manufactured | 10 |
| Purchase and distribution of | 14 |
| Value of produced, method of reporting | 28 |
| Furnaces fitting, to be excluded from canvass | 11 |
| Furnaces: central office schedule | 33 |
| Furnaces: general schedule, instructions for preparation of | 20, 33 |
| Furnaces: "general trade," the, use of term | 13 |
| Furnaces: manufacture of in homes | 11 |
| Furnaces: white | 10 |
| Furnaces: white | 10 |
| Furnaces: whetstones, whetstones, etc. | 10 |
| Furnaces: custom | 16 |
| Furnaces: smith shops | 13 |
| Furnaces: custom | 10 |
| Furnaces: dressing establishments | 13 |
| Furnaces: work stores | 13 |
| Furnaces: and trades, miscellaneous | 13 |
| Furnaces: dress factories | 14 |
| Furnaces: dress shops | 13 |

| | Page. |
|--|--------|
| Hay baling ----- | 14 |
| Hectograph work ----- | 13 |
| Hides, salting of ----- | 15 |
| Home industries ----- | 11 |
| Hours worked, in manufacturing establishments ----- | 24 |
| House painting ----- | 11 |
| Ice: | |
| Harvesting ----- | 14 |
| Manufacture of ----- | 14 |
| Ice cream, manufacture of ----- | 18 |
| Idle establishments ----- | 6 |
| Index cards: | |
| Of establishments ----- | 2 |
| Return of ----- | 4 |
| Industries: | |
| Inquiry as to character of industry ----- | 20 |
| Omitted from canvass, list of ----- | 11-15 |
| Requiring special schedule, list of ----- | 31, 32 |
| Institutions, manufacturing in ----- | 15 |
| Instructions to chief special agents ----- | 34-39 |
| Instructions to office agents ----- | 40, 41 |
| Iron, mining, combined with manufacture of pig iron ----- | 19 |
| Iron and steel, blast furnaces ----- | 10 |
| Iron and steel industry, assignment of agents to ----- | 36 |
| Jewelry engraving ----- | 13 |
| Jewelry stores ----- | 13 |
| Junk shops ----- | 14 |
| Kindling wood, hand or power ----- | 14 |
| Knitting, in homes ----- | 11 |
| Laundries ----- | 15 |
| Lead smelters ----- | 10 |
| Lead refineries ----- | 10 |
| Lime ----- | 10 |
| Limestone and dolomite ----- | 10 |
| Liquors: | |
| Bottling of ----- | 15 |
| Rectifying and blending of ----- | 15 |
| Local agents ----- | 40, 41 |
| Localities, separation of reports by ----- | 13 |
| Location of establishments, method of reporting ----- | 20 |
| Locksmith shops ----- | 13 |
| Looking-glass frames, manufacturers of ----- | 14 |
| Louisiana, mills producing cane sugar and molasses ----- | 16 |
| Lumber industry ----- | 17 |
| States to be reported by Forest Service ----- | 17 |
| Machine shops ----- | 14 |
| Manufacturers: | |
| Method of interviewing ----- | 8 |
| Penalty for failure to give information ----- | 9, 43 |
| Reports mailed by ----- | 7 |
| Manufacturers, extracts from act providing for census of ----- | 42-44 |
| Manufacturing: | |
| Combined with mercantile business ----- | 19 |
| In educational, eleemosynary, and penal institutions ----- | 15 |
| Map mounting ----- | 15 |
| Marble ----- | 10 |
| Masonry, builders and contractors ----- | 11 |
| Materials: | |
| Definition of ----- | 25 |
| Manufactured and used by same establishment ----- | 25 |

INDEX.

49

| | Page. |
|--|--------|
| Mercantile business, combined with manufacturing | 19 |
| Messenger boys in printing establishments | 23 |
| Mica | 10 |
| Millinery establishments | 12 |
| Millinery goods, establishments manufacturing | 12 |
| Millstones and chasers | 10 |
| Mineral waters, bottling of | 15 |
| Mining and manufactures: | |
| Industries covered by the Geological Survey | 10 |
| Industries covered by the Census | 10 |
| Molasses, manufacture of, on farms | 16 |
| Moving of buildings | 11 |
| "Multigraph" work | 13 |
| Natural-gas gasoline | 10 |
| Naval stores, production of | 17 |
| Nonmanufacturing business, in manufacturing establishments | 19 |
| Nonmanufacturing establishments | 4 |
| Notations on index cards | 2-4 |
| "Office agents," supplemental instructions to | 40, 41 |
| Officers of corporations | 22 |
| Omitted industries | 11-16 |
| Operator of factory, inquiry concerning | 20 |
| Opticians | 13 |
| Overseers, classification of | 22 |
| Owner of factory: | |
| Change during year | 30 |
| Inquiry concerning | 20 |
| Oysters: | |
| Canning and preserving of | 14 |
| Gathering of, combined with canning | 19 |
| Packing of | 16 |
| Packing and shipping of fruit | 16 |
| Painting, house, etc. | 11 |
| Paints, manufacture of | 12 |
| Paper hanging | 11 |
| Paper pulp, wood for | 17 |
| Paving | 11 |
| Paving materials, manufacture of | 12 |
| Pay rolls, use of | 21 |
| Penal institutions, manufacturing in | 15 |
| Penalties: | |
| For failure to report | 43 |
| For misdemeanors of census employees | 42 |
| Percentage factory was operated | 29 |
| Period covered by report | 30 |
| Photography | 13 |
| Picture frames, manufacturers of | 14 |
| Picture framing | 13 |
| Piecework, done in homes | 23 |
| Pieceworkers | 23 |
| Planing mills | 12 |
| Plastering | 11 |
| Plate printing | 14 |
| Plumbing | 11 |
| Plumbing supplies, manufacture of | 12 |
| Potash | 10 |
| Poultry, dressing, packing, and shipping of | 14 |
| Pressmen, in newspaper offices | 23 |
| Print works | 12 |
| Printing and publishing establishments | 17 |
| Products: | |
| Itemization of | 28 |
| Method of reporting | 27-29 |
| Quantities | 28 |
| Value, report on schedules | 27 |

| | Page. |
|--|--------|
| Professional services..... | 15 |
| Profit sharing..... | 24 |
| Proof readers, in printing establishments..... | 25 |
| Proprietors, inquiry concerning number of..... | 21 |
| Publishing establishments..... | 17 |
| Pulp wood consumed in 1921..... | 17 |
| Quantity of products, when reported on General Schedule..... | 27 |
| Rag carpets, not made in factories..... | 11 |
| Railroad construction..... | 11 |
| Railroad repair shops, value of products..... | 28 |
| Registered mail..... | 2, 44 |
| Repairing, amount received for..... | 29 |
| Reports: | |
| Awaiting agent's call..... | 8 |
| Examination by chief special agents..... | 36, 37 |
| Mailed by manufacturers..... | 7 |
| Method of securing..... | 6-8 |
| Of special agents..... | 1 |
| Promptness in obtaining..... | 8 |
| Transmittal to Census Office..... | 2, 37 |
| Retail butchers..... | 15 |
| Retail stores: | |
| When excluded..... | 13 |
| When included..... | 13 |
| Roofing: | |
| Excluded from canvas..... | 11 |
| Manufacture of..... | 12 |
| Saddlery factories..... | 14 |
| Salaried employees: | |
| Distinguished from wage earners..... | 22 |
| Method of reporting..... | 23 |
| Salaried officials, of corporations..... | 22 |
| Salaries: | |
| Method of reporting..... | 24 |
| Net amount required..... | 24 |
| Sales, compared with production..... | 27 |
| Salesmen: | |
| Salaries and commissions..... | 22 |
| Traveling..... | 22 |
| Salt works..... | 10 |
| Sandlime brick..... | 10 |
| Sandstone..... | 10 |
| Sawmills, custom..... | 16 |
| Schedules: | |
| General instructions for preparing..... | 20 |
| Mailed by manufacturers..... | 6 |
| Object of special..... | 33 |
| Special industries requiring..... | 31, 32 |
| Seasonal industries: | |
| Report year..... | 30 |
| Selling departments, expenses of..... | 28 |
| Separate sets of books..... | 18 |
| Separation of industries..... | 18 |
| Separation of localities..... | 18 |
| Sewing-machine repair shops..... | 12 |
| Sheet-iron work, manufacture of..... | 12 |
| Signatures required..... | 31 |
| Sirup: | |
| Bottling of..... | 15 |
| Manufacture of, on farms..... | 16 |
| Size of factories..... | 11 |
| Slate..... | 10 |
| Slaughterhouses, wool pulling and scouring in..... | 16 |

| | Page. |
|---|--------|
| Slaughtering and meat packing industry, assignment of agents to | 36 |
| Small establishments | 11 |
| Smelters | 10 |
| Soap, manufacture of, in slaughtering establishments | 33 |
| Soda waters, bottling of | 15 |
| Sorghum, manufacture of, on farms | 16 |
| Special agents: | |
| Amount of work expected of | 35 |
| Expenses of | 36 |
| Method of interviewing manufacturers | 8 |
| Penalties for misdemeanors of | 42 |
| Reports and correspondence of | 1, 36 |
| Supervision of | 35 |
| Special schedules | 31, 32 |
| Stage carpentering | 11 |
| Steam fitting | 11 |
| Stone: | |
| Artificial, laying of | 11 |
| Crushing of | 15 |
| Cutting of | 12 |
| Stone builders and contractors | 11 |
| Straw baling | 14 |
| Stuccowork | 11 |
| Sugar, manufacture of, on farms | 16 |
| Special schedules: | |
| Cooperation with Geological Survey | 10 |
| Industries requiring | 31, 32 |
| Object of | 33 |
| Supplies, requests for | 2 |
| Symbols (value of product and average number of wage earners, 1919) | 3 |
| Tailoring, custom | 12 |
| Talc and soapstone | 10 |
| Tanneries, wool pulling and scouring in | 16 |
| Taxidermists | 13 |
| Texas, mills producing cane sugar and molasses | 16 |
| Textile industries, assignment of agents to | 36 |
| Timekeepers, in printing establishments | 23 |
| Tin shops: | |
| When excluded | 14 |
| When included | 14 |
| Tin smelters | 10 |
| Tobacco, stemming and rehandling of | 15 |
| Trap rock | 10 |
| Traveling salesmen | 22 |
| Turpentine and rosin, production of | 17 |
| Turpentine industry, method of reporting | 17 |
| Typewriter repairing | 13 |
| Undertakers | 14 |
| Unit of enumeration | 18 |
| Unlisted establishments | 3 |
| Upholstery shops | 13 |
| Value of products: | |
| Method of reporting | 27, 29 |
| Symbols for 1919 | 3 |
| Vegetables: | |
| Canning of | 15, 16 |
| Packing and shipping of | 15, 16 |
| Vinegar, manufacture of, on farms | 15 |

| | Page. |
|--|-------|
| Wage earners: | |
| Distinguished from salaried employees..... | 22 |
| Employed indirectly..... | 23 |
| Hours worked..... | 24 |
| Method of reporting..... | 21 |
| Number employed each month..... | 23 |
| Wages: | |
| Method of reporting..... | 24 |
| Net amount required..... | 24 |
| Well digging..... | 11 |
| Wine, manufacture of, on farms..... | 15 |
| Wood, kindling..... | 14 |
| Wool, pulling and scouring of..... | 16 |
| Woolen mills, yarn spun in..... | 25 |
| Yarn, spun in cotton and woolen mills..... | 25 |
| Year, covered by report..... | 30 |
| Zinc smelters..... | 10 |