1931 - California - An Index to the State Sources of Agricultural Statistics, Part III, Livestock and Livestock Products

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C A L I F O R N I A

An Index to the State Sources of Agricultural Statistics

PART III.- LIVESTOCK AND LIVESTOCK PRODUCTS

An Index to the Official Sources

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Washington, D. C.
January, 1931
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PREFACE

This is Part III of the third of a series* of indexes or source books of agricultural statistics issued by the Library of the United States Bureau of Agricultural Economics. It is issued in cooperation with the College of Agriculture of the University of California.

This Index to the state official and unofficial sources of agricultural statistics of the state of California was undertaken with the idea of issuing it in one volume as were the Alabama and Oklahoma indexes. When the indexing of the collected references was finished it was realized that it would be impossible to publish the Index in one volume because of its size, so it was decided to issue it in five parts. Part I includes the fruit, vegetable and nut crops of the state. Part II includes the crops other than fruits, vegetables and nuts. Part III, which is the present volume, includes livestock and livestock products. Part IV will include land, farm property, labor, Delhi and Durham state land settlements, irrigation, and miscellaneous statistics. Part V is a Guide to Some Unofficial Sources of California Agricultural Statistics and was compiled under the direction of Mrs. M. J. Abbott, Agricultural Reference Librarian, University of California Library. The first four parts of the index include references to all state official sources of agricultural statistics that the compilers could find from the time of beginning the index in 1925 through December, 1927. The index, therefore, contains no references to publications issued later than 1927 with the exception of certain of the crop reports and several Special Publications of the State Department of Agriculture which were published in 1928 but which contain statistics for 1927. A brief description of each publication analyzed is given in the list of "Publications Indexed." See p. VII-XLII.

A classified arrangement always presents a certain amount of difficulty to both the compiler and the user of a bibliography. To obviate this difficulty to some extent an alphabetical index will accompany each volume of this Index. In some cases it was hard to decide whether to classify certain crops with the vegetable crops or with the crops other than vegetables. In the case of beans and peas it was arbitrarily decided to classify them with the vegetables, although it is realized that some of the items in this section refer to the use of these crops as field crops and not as vegetables. Parts I, II, IV—which will include a section on irrigated crops—and V must be used together, therefore, in order to get a complete picture of the state official and unofficial sources of the statistics of the field, fruit, vegetable, and nut crops of the state.

*The first two indexes in the series are: Alabama, An Index to the State Official Sources of Agricultural Statistics, compiled by Margaret T. Ocollo and issued as Agricultural Economics Bibliography No. 16; and Oklahoma, An Index to the State Official Sources of Agricultural Statistics, compiled by Icello E. Wright...including a List of the Unofficial Sources of Oklahoma Agricultural Statistics, compiled by Margaret Walters and issued as Agricultural Economics Bibliography No. 21.
The compilers of this Index have tried to index the statistical tables as accurately as possible. The task, however, was a difficult one. Sometimes it was practically impossible to tell just what was meant by the table headings or the dates used and often there was nothing of an explanatory nature in the text. Users of this Index should remember that it is merely a guide to the sources of certain statistics and that before they use the statistics they should carefully examine the accompanying text or any notes which may explain the terms used and the scope of the compilation.

Publications which quote tables from the U. S. Census reports usually quote them as of the Census year, although the figures are in many cases for the preceding year. For instance, the 1920 Census gives production figures for 1919. The Census tables should be examined to determine which year is covered in the report. When figures are quoted for Census years, such as 1850, 1860, 1870, 1880, etc., they are probably taken from the U. S. Census tables. When credit has been given in a table it has been indicated after the citation thus: (U. S. Census), (U. S. D. A.), etc.

No pagination has been given in the citations for certain Census reports which have been reprinted in the Statistical Reports of the State Department of Agriculture from year to year. The citation is usually given thus: In Calif. Dept. Agr. Statistical repts. 1914-1921.

Statistical tables only have been indexed; no attempt has been made to index untabulated statistics occurring in the text. Undated tables have been indexed when the exact or probable dates could be ascertained. In case of doubt, interrogation marks follow the dates assigned. References to the following kinds of statistics have been omitted:

1. Forecasts, preliminary estimates, and condition reports. These appear in the crop reports. Inasmuch as references are given to final estimates it seemed unnecessary to list the references to the preliminary estimates.
3. Forestry statistics.
4. Climatological data.
5. References to statistics of the United States as a whole, unless the figures for the state are given in comparison.
7. Statistics of fertilizer analysis.

Among the publications examined, which has not been indexed since the few statistics that it contains are reprinted from other sources, but which may be mentioned here is "California, Its Products, Resources, Industries, and Attractions, What it Offers the Immigrant, Homeseeker, Investor and Tourist," published by the California Louisiana Purchase Exposition Commission in 1904. The California Alaska-Yukon-Pacific Exposition Commission and the California Lewis and Clarke Exposition Commission also issued publications with similar titles.
ACKNOWLEDGMENTS

We acknowledge with many thanks the help received from Mr. S. W. Shear of the College of Agriculture of the University of California, who made many valuable suggestions and lent us several rare pamphlets; Mrs. M. J. Abbott, Agricultural Reference Librarian of the University of California; the various libraries mentioned on p. VI; Miss Adelaide R. Hasso, whose Index of Economic Material in Documents of the States of the United States (California) helped the compiler more than she will ever know; and others who in various ways contributed to the compilation and preparation of this Index.

Mary G. Lacy, Librarian,
Bureau of Agricultural Economics,
United States Department of Agriculture.

January, 1931.
SOURCES CONSULTED

1. Card catalogues in the following libraries:
   U. S. Department of Agriculture.
   U. S. Department of Agriculture. Bureau of Agricultural Economics.
   Library of Congress.
   New York Public Library, Economics Division.

2. Bibliographies:
   Bowker, Richard Rogers. State publications; a provisional list
   of the official publications of the several states of the United
   States from their organization; comp. under the editorial
   direction of R. R. Bowker. New York, The Publishers' weekly,
   1899-1908. 4 v. in 3.
   Part 3. Western states and territories.
   California development association. A survey of economic research
   and sources of data regarding California. A reference catalogue
   and index. Sacramento, San Francisco, Los Angeles [1926]
   Arranged in five groups, Federal agencies; State, county and
   municipal agencies; Universities, foundations and institutions;
   Trade, marketing, civic and other commercial organizations; and
   Private agencies.
   Hasse, Adelaide Rosalie. Index of economic material in documents
   of the states of the United States: California, 1849-1904.
   Prepared for the Department of economics and sociology of the
   institution of Washington, 1908. 316p. (Carnegie
   institution of Washington. Publication no. 85 (California))
PUBLICATIONS Indexed

Adams, Richard Laban.  Farm management notes (for California) ... 7th ed.  Berkeley, Cal., Distributed by Associated students' store, University of California, 1921.  182p.

Earlier edition has title: Notes on methods and costs, California crop production. Issued (multigraphed) as Agronomy project no. 337. California, University, College of agriculture, Division of agronomy.

"The purpose of these 'Notes' is to provide a collection of data covering California agricultural and farming conditions for use by newcomers into the State and by students of farm management, so that they may be better equipped to pass upon the commercial possibilities of the various farming industries of more outstanding importance and to know something of the financial requirements." - Preface.

The book is in eight parts. Part I contains various agricultural statistics (number and size of farms, number and value per head of livestock, production and value of crops, etc.) which are taken from Federal, state, and commercial sources. These have been indexed. Part II is Methods and Costs of California Crop Production. In addition to information on methods tables are given showing operating costs per acre of numerous crops for normal (prewar) and high (postwar) periods. These have been indexed. Part III gives somewhat similar data for the dairy, beef cattle, hog, sheep, and poultry industries. These have been indexed. The rest of the book, which has not been indexed, contains information on the work capacity of men, stock, implements and farm machinery; costs of farm equipment and supplies; miscellaneous farm management data; farm management outlines for reporting upon farm property, making financial analysis, valuing farm lands, etc.; and a list of "selected farm management literature."


Previous to 1894 results of experimental work were published as a part of a general series of publications of the University of California as Bulletins No. 8, 17, 23, 26, 32; Biennial reports 1876-77; 1878-79; 1881-82; Annual reports 1880-82. These publications contain no statistics.

No. 13 and 43 are in Report of the Viticultural work ... 1883/84 and 1884/85 (appendix no. 4, to report for 1884) p.70-72 and p.74-77.

Rev. editions of nos. 123 and 137, 241 and 246, 294, 297.

Many of these bulletins contain statistics that have been included in this index. Some bulletins contain only a few statistics but a number of them contain many tables and charts. Quite a few give cost data of various types. Cost of production of crops, of dehydration, of spraying and dusting orchards, of tractor power, of drying walnuts, etc., are samples of some of these costs. Many other tables containing miscellaneous data such as acreage, yields, prices, returns and shipments of various commodities have been indexed.

Among the bulletins that contain many statistical tables are two in the Series on California Crops and Prices— Apricots (Bul.423) and Beans (Bul.444), and Bulletins 413, The egg and poultry industry; 419,
Cantaloupe industry with special reference to the Imperial Valley; 429, The economic status of the grape industry; 437, The dairy industry; and 445, Economic aspects of the apple industry. These are all a part of a series of statistical-economic analyses of the economic situation of the more important California agricultural products. Earlier publications in the series were published by the California University, College of Agriculture, Agricultural Extension Service as Circulars 1 and 5. They are on peaches and lettuce. Work on this important series is still in progress and bulletins on watermelons, pears, oranges, lemons, grapefruit, prunes, and possibly others, have been issued since the compilation of this Index.

Revised editions of Nos. 87,110-111,113,154,159,161,164,212,220.
No. 158 revised and reprinted.
Also unnumbered circulars:
Hilgard, E. W. The extermination of weeds. [1898]
Bioletti, F. T. Brown rot of stone fruits [1901]
Bioletti, F. T. A warning to olive growers [1901]
California. Agricultural experiment station. The new fertilizer law [1903]
The majority of these circulars contain only a few statistical tables. Many of them give some form of cost data such as cost of crop production, of handling crops, of equipment and labor, of brooding chicks, of pumping plants, etc. Various other tables containing miscellaneous data have also been indexed.

Published by the California Agricultural Experiment Station. Successor to: California Agricultural Experiment Station. Technical Papers (not indexed).
These journals are of a technical nature and contain very few statistics. Vl, no. 18, contains a table end plate showing acreage of various crops - principally fruit, nuts and grapes and acreage classified by types of soil.


No reports published 1904/05-1911/12.
1876/7-1888/90. Reports of the College of Agriculture, University of California. Sacramento, 1877-90.
1883/4 and 1887/93. Reports of the viticultural work. Sacramento, 1886-1896.
For list of publications of the agricultural experiment station see: Report for 1898-1901, pt.2 (gives list for 1877-1902); Bul. No. 80 of
the Office of Experiment stations, U. S. D. A. (publications previous to 1884); Report for 1917-1918 gives lists of publications from 1877-1918.

Variations in titles appear.

These reports contain few statistics besides tables of temperatures and rainfall, which have not been included in the index.

Annual reports of the Director of Agricultural Extension 1920/21-1922/23 are included in above reports. They contain practically no statistics.


v.1(1911)-v.8, no.7, July, 1919, were issued as the Monthly Bulletin of the State Commission of Horticulture.

v.12, no.7-12; v.13, no.1-6; no.7-12; v.14, no.1-6; no.7-12; v.15, no.1-6, no.7-12, were issued in one number each.

For preceding series see Bulletin of the State Board of Horticulture.

The 8 annual reports of the Department of Agriculture, 1919/20-1927 have been issued in the Oct.-Nov. 1920, the Nov.-Dec. 1921 and 1922, and the July-Dec. 1923, 1924, 1925, and 1926 and Dec. 1927 numbers of the Monthly bulletins.

These bulletins contain numerous statistical data of various kinds which have been indexed. Beginning with the May 1913 issue through the October 1919 issue they include the "monthly crop reports and statistics." These are mainly condition reports which have not been indexed but sometimes the acreages of the principal fruits and farm crops in the state are given.

v.8, no.4, Apr. 1919, is entitled "California crop distribution and estimates 1918," and is a "Bulletin dealing with the acreage, distribution, tonnage, and value of commercial fruit and vegetable crops in California."

The Dec. 1920, the Nov.-Dec. 1921, the Jan.-Feb. 1923, the July-Dec. 1923, 1924, 1925 and 1926 and Dec. 1927 issues of the Monthly Bulletin contain the annual California crop reports for 1920 through 1927.


For earlier reports See Calif. Stallion registration board. Annual report.


No. 1 was issued by the California State Commission of Horticulture.

There are two special publications numbered 86; one is the United States Standards for Grapes, 1928, issued by the Bureau of Fruit and Vegetable Standardization, California State Department of Agriculture in cooperation with the U. S. Dept. of Agriculture, Bureau of Agricultural Economics. The other publication is entitled Economic Poisons (1925-1926) by Warren C. Marshall and others.

Publications no. 6,11,23,38, and 47 contain numerous tables on acreage, production, and value of grapes, wines, raisins and other grape products. They also contain data on weather conditions and give dates of lawful ripeness of grapes. Adequate car service for shipping grapes and grape products is discussed in the later reports. Forecasts of car requirements are made and summarized in tables. Tables of imports and exports which are given have not been indexed unless figures are for California.

No. 6 is The California Gape Industry, 1919 (with outlook for the 1920 grape crop). Report no. 1, June 1, 1920.


No. 23 is Status of California Grape Industry, June 30, 1922. Report no. 3. 1922.

No. 38 is The California Grape Situation, 1923. A preliminary report, June 1, 1923.

No. 47 is The California Grape Situation, 1924. July 1, 1924.

Publications no. 9,16,33,43,55,53,74, and 86 are California crop reports for the years 1920-1927 inclusive, issued by the Calif. Cooperative Crop Reporting Service, a "State unit of the Division of Crop and Livestock Estimates, Bureau of agricultural economics, U. S. Dept. of agriculture cooperating with the Calif. State dept. of agriculture." These reports give the annual summary of estimates of acreage, crop production, prevailing farm prices (as of Dec. 1) and total value to the producer with comparisons of previous years for the various field, vegetables and fruit crops. They also contain tables showing monthly composite condition of all important crops, carlot shipments of vegetables and farm labor wages. Each of these publications except no. 9 concludes with a Summary of the U. S. Crop Report on the important farm crops. This table has not been indexed. Publications no. 43,55,63,74, and 86 also include tables on the number of the different classes of livestock with estimated farm value per head. Estimates of the acreage, bearing and nonbearing, of the various fruits are also given in these publications. Other data are sometimes given. Final estimates of the acreage, average yield per acre, production and value of the principal crops of the entire United States, and of the different states for each year.

Publication no. 10 is California Dairy Products (1919-1920), Division of Animal Industry Circular no. 3. It contains tables on production and value of dairy products with descriptive accounts, also lists of creameries, cheese factories, milk plants, etc. Publications no. 21, 30, 39, 50, 62, 71, and 83 are Statistical Reports of California Dairy Products for the years 1921-1927 inclusive. They contain tables on production and value of dairy products, also list of "California Dairy Products Plants."

Publications no. 14, 23, 41, 49, 59 and 63 are Reports of the Stallion Registration Board for the fiscal years 1920-1926 inclusive, contributed by the Division of Animal Industry. They contain directories of licensed jacks and stallions in the state; tables showing number of stallions and jacks registered and number in state; also stallion registration law and list of recognized foreign breeds.

Publication no. 19 is Growing and Shipping California Lettuce. Feb. 1922. This publication contains data on shipments of lettuce, tentative grades for head lettuce (for Calif.) and definition of grade terms and standard terminology.


Publication no. 36 is Growing, Handling and Marketing California Celery. June 1923. Contains tables and a chart on shipments, charts on production and marketing, and a table and map on acreage.

Publication no. 37 is Growing, Packing and Shipping Tomatoes in California. 1923. Contains tables on acreage, production and shipping and a chart on tomato shipping seasons.

Publication no. 65 is The Epizootic of Foot and Mouth Disease in California. 1926. This gives a report of the epizootic of foot and mouth disease in California from Feb. 17, 1924-June 10, 1926, including control and eradication. Tables show the number and species of animals slaughtered, per cent slaughtered and their appraisal value.


Ceased publication with v. 8 (letter Apr. 24, 1927).

Weekly, v. 1-4; fortnightly, v. 5-8.

Superseded Weekly News Letter of the State Commissioner of Horticulture (not indexed).


Contains few statistics. Scattered tables of fruit plantings, shipments, and value of a few leading crops are indexed. One long table showing value of field and orchard crops produced in the state, an estimate of annual loss caused by insect pests and annual expenditures in the control of insect pests has also been indexed.


Numbers 1-3, 5 are Special Publications 5, 7, 10, 12 of the California Department of Agriculture. For description of those indexed see California. Department of Agriculture. Special Publications. Circular No. 1 is Some Provisions of California Laws on Dairying (Revised and issued as Special Publication No. 26); No. 2 is Some Important Factors in the Production of Good Milk and Cream; No. 3 is California Dairy Products (1919-1920); and No. 5 is The California Meat Inspection Law. No. 4 is probably Special Publication No. 14 - Report of Stallion Registration for the Fiscal Year Ending June 30, 1920 as the title page reads "Special Publication No. 4, Contribution from the Division of Animal Industry."


1858-1904 are Transactions of the California State Agricultural Society.
1905-1910 are Reports of the California State Agricultural Society.
1911-1912 are Reports of the California. State Board of Agriculture (1912 is Annual Report)
1913-1921 are Statistical Reports of the California State Board of Agriculture.
No reports were published for 1862, 1896-99, 1902-03. Recording Secretary's and Treasurer's reports for 1862 are printed in the Transactions for 1863.
This set of reports contains much statistical data, so much that it is impossible to describe all of it in detail. The early volumes contain more or less scattered statistical tables which have been indexed but which are not here described. Meteorological data are given in practically all of the Transactions of the California State Agricultural Society. In the 1859 volume there are statistical tables relating to grains, peas, beans, etc., number and value of various kinds of cattle slaughtered, and farm wages. The Transactions for 1863-1879, with some exceptions, con-
tained tables of statistics compiled from official reports of county assessors and returned to the surveyor general. These reports contain data such as acres of land inclosed and cultivated, acreage and production of crops, number of different kinds of live stock, number of fruit trees, assessed value of property, industrial data, etc.


The 1904-1910 volumes devote much space to tables showing "Resources of the State of California by Counties." These contain all sorts of statistical data, such as acres of land assessed, value of country real estate, number and value of livestock, number of fruit trees, crop production, etc.

Reports for 1911-1921 are devoted mainly to a "Statistical Summary of the Production and Resources of California." These consist of compilations from U. S. Department of Agriculture, Census, and state sources of all sorts of statistical data relating to agriculture, mining, lumber, population, etc. Many very early statistics are given in the 1911 report which are not given in the succeeding reports. However, many census figures are repeated in each report. In addition to the summary tables, the 1911, 1914-1921 reports also contain statistical summaries for each county.

This set, particularly the later volumes, contains many tables showing California production, and exports and imports of various crops. Export and import figures have been omitted as in every table examined they have checked with United States total figures, although it is realized that for some crops, such as grapes, the figures are really for California.


1916 has title: First annual report ... for the year ending December 1, 1916.

3d-4th have title: Annual report of the market director ... and 2d-3d Annual report, State fish exchange ...

These reports contain few statistics but they do give in some detail accounts of the different marketing organizations which the market commission has either initiated or been actively identified with during these years.

The results of a market survey made in New York and Chicago are given in the 1st report and show the prices received for California fruits by different classes of dealers. These tables have been indexed. Prices of dried fruits as quoted in California Fruit News Aug. 23, 1919 have also been indexed.

In the third annual report is given a report of the Poultry Producers of California which contains two "original and extremely valuable charts which show costs of egg production in Southern California for a series of years, and which have commended national attention among poultry men." - p.21.
Sacramento, wholesale, California p. - Asparagus value and output California. The statistics indexed show the production of asparagus; quantity used by canneries; Eastern shipments; receipts on market; prices - wholesale, retail and received by growers - output of California canneries; total cost to the consumer and daily (date given) receipts and prices at several markets.


This publication gives a report of the natural resources of the state such as water and water rights, forestry, school lands, minerals, irrigation resources, etc. There are a great many statistical tables, most of which are undated. The year 1912 with a question has been used in this index for all such undated tables. The tables indexed include statistics of the acreage of agricultural and irrigated lands in numerous sections of the state (some tables show irrigated land only; others also give estimated area that will ultimately be irrigated); drainage area and acreage of forest and timber lands. Exhibit "A" on p. 430-433, gives detailed data of acreage of timber land and the counties in which such land is situated. There is one table showing assessed value per acre of timber and cut-over land and the tax rate per $100.

There are numerous tables and illustrations which have not been indexed. These include data showing precipitation; disposition of surplus water; discharge of artesian wells; detail map of San Bernardino Valley; school land area within national forest reserve, area outside national reserve and total area belonging to the state, April 1, 1912 (p.434-430); and dredging data (Exhibit "E", p.481).

The portfolio of maps which accompanies this publication is composed of five large maps, one of which shows the timbered area of the northern half of the state, three are irrigation maps, and the other shows the school lands owned by the state.


This is an official report "on the subject of Oriental immigration, population and land ownership." Some agricultural statistics found in Section III on "Land" are indexed. They include a table on lands occupied by Orientals, acreage and value of Japanese farm products; value of California crop production, and percentage of crops delivered to canneries supplied by Japanese growers.

One undated table of land areas and land utilization and 5 relief maps showing Oriental occupancy are not indexed. In the appendix of the report are three tables: (1) California farms under Japanese management; (2) acreage, total value and value per acre of crops raised by Japanese farmers and (3) wages of white and Japanese common laborers. These have been indexed.

The tables in this pamphlet have been compiled from reports furnished by the county auditors. The following statistics only have been indexed: acres of land assessed, assessed value of real estate other than city and town lots, and assessed value of improvements on the same.


Early reports are annual and the later ones are biennial.
These reports contain practically nothing in the way of agricultural statistics. However, practically all of the reports, except those from 1914/15 to date, contain tables which include (for the state and each county) acreage of land, value of real estate (or land) other than city and town lots, value of improvements on the same, and value of land without improvements. In the later reports only acreage of land has been indexed.

Like other official reports of the state of California these reports, in addition to being issued separately, are printed in the appendices to the Journals of the State Legislature. No separate reports having been found for the following they were consulted in the Documents set.
1849/50 in Appendix to Senate and Assembly Journal, 1851.
1850/51 in Appendix to Senate Journal, 1852.
1851/52 in Appendix to Senate Journal, 1853, Document No. 1.
1852/53 in Appendix to Assembly Journal, 1854, Document No. 2.
1853/54 in Appendix to Senate and Assembly Journal, 6th sess., 1855.
1854/55 in Appendix to Senate Journal, 7th sess., 1856.
1855/56 in Appendix to Senate and Assembly Journal, 8th sess., 1857.
1856/57 in Appendix to Senate Journal, 9th sess., 1858.
1857/58 in Appendix to Senate and Assembly Journals, 10th sess., 1859.
1858/59 in Appendix to Senate and Assembly Journals, 11th sess., 1860.
1859/60 in Appendix to Senate and Assembly Journals, 12th sess., 1861.
1860/61 in Appendix to Senate and Assembly Journals, 13th sess., 1862.
1861/62 in Appendix to Senate and Assembly Journals, 14th sess., 1863.
1871/73 in Appendix to Senate and Assembly Journals, 20th sess., v.1,1874.
1875/75 in Appendix to Senate and Assembly Journals, 21st sess., 1876.
1875/77 in Appendix to Senate and Assembly Journals, 22d sess., v.1,1878.
1877/79 in Appendix to Senate and Assembly Journals, 23d sess., v.1,1880.
1879/80 in Appendix to Senate and Assembly Journals, 24th sess., v.1,1881.
1880/82 in Appendix to Senate and Assembly Journals, 25th sess., v.4,1885.

Mimeographed.
"California crop and livestock reports" is the title which has been used in this Index to describe the mimeographed reports on crops and livestock issued by the California Cooperative Crop Reporting Service. Titles of these reports vary and the reports are issued monthly and semi-monthly. There are also annual crop and livestock summaries. For summaries for 1920 and 1921 see California Crop Reports (printed) for 1920 and 1921 issued by the California Crop Reporting Service. For complete annual
reports for 1920-1927 see Special Publications no. 9,16,33,43,55,63, 74, and 86 of the California Department of Agriculture.

Judging from the dates of the reports which are on file in the U. S. Bureau of Agricultural Economics Library the first reports were issued by the Bureau of Crop Estimates, U. S. Department of Agriculture. From Apr. 1890-date they have been issued cooperatively from the Office of the Agricultural Statistician, Sacramento, by the United States Department of Agriculture and the California Department of Agriculture.

These reports contain monthly reviews of crop conditions, semi-monthly crop and livestock notes, and preliminary estimates or forecasts of production of principal crops compared with other leading states and preliminary estimates of production of principal crops for the United States. These of course are subject to revision. Preliminary estimates and forecasts, in most cases, have not been indexed. Reports issued more or less regularly and which have been indexed are: monthly reports of stocks of grain on farms March 1 (California compared with the United States); monthly price of cattle and sheep on ranch, live weight; annual reports of livestock - number and value (issued in January or February); and production and value of various crops. Occasional other statistics have also been indexed.


All reports are biennial except the first which is for the period May 1, 1895 to Oct. 1896. 7th report not published. In 1919 the Department of Agriculture was created. It took over a number of bureaus and boards, among them the State Dairy Bureau. For later reports of this Bureau see reports of the California Department of Agriculture.

These reports contain data such as the following: butter and cheese production, price and value of butter and cheese, receipts of butter and cheese on San Francisco market, itemized and total value of dairy products in the state, and directories of creameries in operation in the state.

California. Engineer department. Report of state engineer to the legislature of the state of California - session of 1880-1881, 1883-1884, 1887.

The first report covers the period May 1873 - Dec. 31, 1879 and the year 1880. The report for 1880 is in five parts. It is the only one of the reports which contains any agricultural statistics. Acreages irrigated have been included in the data indexed.

The report for 1881 is in five parts. The Report to the Legislature of Operations for Years 1883 and 1884 and the report for the session of 1887 (5th progress report) also contain no statistics of interest.


A work planned for 4 volumes. V. 3 and 4 not published.

V.2, Irrigation in Southern California "is an account of ... [irrigation] for Los Angeles, San Bernardino and San Diego counties, brought down to the fall of 1888." Tables showing acreage irrigated and rate for irrigation have been indexed.


Bulletin 1 is Progress Report of Co-operative Irrigation Investigations in California, 1912-1914. For descriptive account of this bulletin see note for Calif. Dept. of Engineering. Report, 4th, 1912/14, from which it is reprinted.

Bulletin 2 is Irrigation Districts in California, 1887-1915. A state map showing the location of active or recently organized irrigation districts and a statistical list of irrigation districts (showing acreage) organized under the Wright Act of 1887 are the only items that have been included in this index.


Bulletin 5 is report on the Utilization of Mojave River for Irrigation in Victor Valley, California. It is also found in the sixth report of the Calif. Dept. of Engineering, which see for account of contents.

Bulletins 6, 8, and 9, California Irrigation District Laws as Amended 1919, Flood Problems of Calaveras River, and Water Resources of Kern River and Adjacent Streams and Their Utilization, 1920, respectively, contain no statistics of agricultural interest.

Bulletin 7 is Use of Water From Kings River, California, 1918. The only table in this that has been indexed is one giving the respective diversions from Kings River, the area that each claim to serve, and the area irrigated in 1913 as nearly as could be ascertained.


"This report deals with investigations made in 1914 and 1915 by the United States and the State of California acting in cooperation through certain engineers of the Reclamation Service duly authorized for the purpose ... Studies have been made of possibilities of improving present conditions by fully irrigating such areas as are now inadequately irrigated and also watering additional irrigable lands now unsupplied."

Contains very few agricultural statistics. Two tables showing irrigated areas in the Pit River Basin have been indexed. Tables showing the estimated cost of constructing proposed canals are given but have not been indexed.


This Department was created March 11, 1907 and organized in May of the same year. The first report covers the period May 11, 1907-Nov. 30, 1908. Other reports are biennial.

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Reports 1 and 2 contain no agricultural statistics. Items indexed in the third, 1910-12, report relate to alfalfa and barley irrigation investigations. Statistics indexed in the fourth, 1912/14 report include a summary of results of alfalfa duty of water investigations, which includes acreage and yield, cost of production and profit per acre; duty of water investigations at Davis with various grains; grain irrigation in Woodland area; summary of miscellaneous data on net and gross duty of water for numerous specified crops - tables show year, acreage, depths of water applied and location and source - specified crops irrigated, acres, by water diverted from canals; etc. Bulletin 1 of this department entitled Progress Report of Co-operative Irrigation Investigations in California, 1912-1914 is reprinted from this Fourth report.

Items indexed in the fifth report include yield, value, cost and profit of alfalfa - the result of an irrigation investigation at Davis University Farm; the relation of climate to yields of hay; acreage of alfalfa in irrigated areas and total yields per acre; and irrigated areas in Coachella Valley.


Statistical data indexed in the 7th report include yield per acre of alfalfa for 1918-1920 at the College of Agriculture in irrigation studies, a table from the U.S. Census on irrigated areas, and a complete list of all irrigation districts existing in the state Nov. 1, 1920 with data concerning each.

For later reports see Calif. Department of Public Works, Division of Engineering and irrigation.

California. Division of engineering and irrigation. See California. Dept. of public works. Division of engineering and irrigation.


All reports were issued biennially with the exception of the report for 1880, which, however, contains statistics for 1879 and 1880, and another report which covers the years 1909-1902.

Like other official reports of the state of California these reports, in addition to being issued as separate reports, are published in the appendices to the journals of the state Legislature. The Library of the U. S. Dept. of Agriculture has separate reports for all except the following: 1872-73 in Appendix to the Senate and Assembly Journals, 20th sess., v.2; 1874-75 in Appendix to Senate and Assembly Journals, 21st sess., v.5; 1876-77 in Appendix to Senate and Assembly Journals, 22nd sess., v.2; and 1878-79 in Appendix to Senate and Assembly Journals, 23rd sess., v. 1.

The reports which contain statistical tables of agricultural interest show the following data: Number of acres of land assessed as per auditors' statements; amount and value of personal property assessed (includes such
items, as cattle, horses, etc., various kinds of grain, wines, hay, beehives, hops, etc.); value of real estate other than city and town lots and improvements thereon; acreage irrigated and mileage and value of irrigation ditches. Besides these tables which occur more or less regularly, there are other tables which show number of acres sown to crops, number of various kinds of fruit trees growing, yield per acre of grain and hay, assessed value of hay in storage, cotton consumed by mills, corn grown by grist mills, etc. Items listed do not occur in every report and some statistics are for both state and county while others are for counties only.

In the reports for 1893-94, 1895-96, and 1897-98 there is an Addendum giving the assessor's report of the mechanical and manufacturing industries of the city and county of San Francisco. Statistics dealing with the quantity and value of certain agricultural products produced or consumed in manufactories have been included in this index.

California. Fruit growers and farmers convention. See California Fruit growers and farmers convention.


This book was prepared in compliance with a law authorizing the Governor to "prepare or have prepared a volume expository of the resources of the State of California, for the purpose of distribution at the World's Columbian Exposition." The first 97 pages are devoted to descriptions of the individual counties of the state, with various statistical data in the text. The rest of the book is composed of signed articles dealing with the climate, agriculture, viniculture, dairying, irrigation, etc. of California. These articles are illustrated in many cases by tabular data taken from official and unofficial sources. Among the data given are acreage of wheat, annually 1883-1892; quantity and value of U. S. imports of prunes, 1885-1891, and California production for 1886-1892; bearing and nonbearing fruit tree acreage for the state and counties, 1892; the peak of various fruits, 1892; fruit shipments by rail and by sea, 1892; shipments of citrus fruits, 1890 and 1891; price per ton paid for green fruit by Campbell Fruit Growers' Union, and price per lb. of dried fruit; prices realized for California fruit in New York City at auction, annually 1889-1902; U. S. imports of foreign fruits, 1891 and 1892; costs of deciduous fruit orchard, vineyard of table grapes, and orange or lemon orchard; production of beet sugar factories in Nebraska, Utah, and California, 1891, 1892; average net income and average cost of labor per acre for various vegetables; and the cost of a farm and of stocking it, and gross yield, Iowa and California.

There is also a table giving prices of various kinds of provisions in San Francisco and Sacramento City, June 15, 1893. Some of the prices are retail prices, others are jobbing prices, and others are prices received by producers.

This book has not been indexed.

Report year irregular. Title varies.

Biennial reports 1908/10, 1912/20, 1922/24, 1924/26 contain statistics of shipments of various commodities including numerous agricultural commodities. The tables that have been indexed show freight discharged and loaded over state wharves of San Francisco; imports and exports through port of San Francisco; intercoastal and internal shipments to and from San Francisco; value of imports, exports and other shipments (value given in 1922/24 report only); and acreage irrigated in counties of Sacramento and San Joaquin Valleys. The 1924/26 report is the only one that shows the irrigated acreage of these counties.

California. Board of harbor commissioners for the Port of Eureka, California. Annual report ... showing the business done at the Port of Eureka during the year ending December 31. See California. Board of harbor commissioners. Official report of the ... exports from and the imports to the Port of Eureka for the year ending December 31.


These publications describe briefly the work of the Board, give a little early history and contain tables showing exports and value of same shipped over Humboldt Bar during the periods covered by these reports. The data include various agricultural commodities.

California. Board of harbor commissioners for the Port of Eureka. Official report of the ... exports from and the imports to the Port of Eureka for the years ending December 31, 1900-1902, 1904-1917. [Eureka, Calif., 1901?-1918?]

These publications are in the form of large folded sheets. The outside of each sheet also bears this title "Annual Report ... showing the business done at the Port of Eureka during the year ending December 31." They contain a report of the commerce of the Port of Eureka (Humboldt Bay) for the said calendar year. Agricultural commodities exported and imported have been indexed.


"No record of any numbered bulletins between no. 7 and no. 50 has been found ... Bulletin no. 50 was issued in 1889 by the state board of horticulture created under sec. 2, statutes of 1889. In the opinion of the compiler no numbered bulletins were issued between nos. 7 and 50, the newly created board arbitrarily assigning no. 50 to the first of its series. No. 50 is regarded by the existing commission as the beginning of the file. The earlier numbers were intended for immediate and wide circulation and probably no record was kept of them. Then the board in 1889 started its file, it is supposed a number was chosen for the beginning which would allow plenty of margin for such earlier numbers as
might turn up without overlapping indices." - Adelaide R. Hesse - Index of economic material in documents ... of California.

The compilers of this index were unable to examine Bulletins 51-53, 55-58, 59, 62, 68 and 59. However, their titles as given in the above noted index, indicate that they probably do not contain any statistics.

Bulletin 65, Fruit Markets and Transportation - A Report on These Matters by a Special Committee, is the only one examined that contains any statistics. In it are several tables dealing with fruit shipments and the cost of packing and carrying to Eastern markets.


Contains tables showing number of trees to the acre by various systems; exports by years from France to the United States and foreign imports by years into the United States.


Also printed in the Biennial Report of the State Board of Horticulture, 1905/36, p.77-115, q.v.

U. S. Department of Agriculture Library does not have this in separate form.


Part II contains statistics showing imports and exports of citrus fruits (imports into the United States have not been indexed), value of imports, number of trees in the state, and acreage. There are also tables showing temperatures of Italian, Floridian, and California citrus belts, and tariff on citrus fruits which have not been indexed.


There is also a 1900 edition.

One table showing orange and lemon shipments from 1892/93-1900/01 is indexed, also the number of bearing and nonbearing orange and lemon trees for 1900/01(?). The publication contains no other agricultural statistics.


For later reports see California. State commission of horticulture. Biennial report.

Statistics in these reports are more or less scattered. Among the data found in them are: number of fruit trees, acreage in grapevines, production of fruits and nuts, shipments, imports, exports, prices and
values of fruits. Some of the later reports, such as those for 1892,
1893-94, 1897-98, and 1901-02, have sections entitled "Review of the
Fruit Season." They contain numerous statistical tables similar to
those mentioned above.

California. State commission of horticulture. Apple growing in California;
a practical treatise designed to cover some of the important phases of
apple culture within the state. By George P. Weldon, chief deputy state

One statistical table showing bearing and nonbearing acreage of apples
for state and county is indexed. The publication contains no other agri-
cultural statistics.

California. State commission of horticulture. Biennial report, 1st-8th, 1903-
1912. Sacramento, 1905-1917.

For earlier reports See California. State board of horticulture.
Report.

1st-5th have title: Biennial Report of the Commissioner of Horticul-
ture.

Absorbed by the Department of Agriculture, July 22, 1919.

These reports contain scattered agricultural statistics. The first
contains statistics similar to those given in the 1901-02 report of the
State Board of Horticulture. The report for 1905-06, in addition to
some horticultural statistics, contains the proceedings of the 32nd Fruit
Growers' Convention which includes an address by the Governor on Revenue
and Taxation. He uses census data to illustrate the burden of taxation
borne by the farmers and manufacturers. The 1907-08 report includes the
proceedings of the 35th Fruit Growers' Convention. It also contains one
table which shows drayage costs of fruit and vegetables shipped into
San Francisco in 1896. The last report gives acreage totals and values
of California fruit and field crops for 1917 and 1918; the values for
1913 being estimated. Acreages in farms, in improved land, and in fruit
land are also given.


Sacramento, 1915-1927.

No reports published for 1916,1917,1919,1923, and 1925.

These reports contain considerable discussion of immigration problems
and of a constructive immigration policy. Education, living conditions,
and labor camp inspection are described. The reports give an outline of
the methods used "to help these immigrants become Americans worthy of
the name."

The only statistics indexed are those which give numbers of laborers
(agricultural) employed at labor camps and the wages received by them.

California. Commission of immigration and housing. Report on large land hold-


Contains statistics of landholdings of eight counties in Southern
California - total land area; area in farms; improved area, irrigated

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acreage; ultimately irrigable; acreage in large holdings; assessed valuation of land; of improvements; area tillable in large holdings; area; value and price of land owned by Southern Pacific Land Co. and acreage listed for sale by Southern Pacific Land Co.

The text begins in Part I with a statement of conditions and ends with the suggestion of a graduated land-value tax, as a remedy for the large landholding problem.


These reports consist mainly of studies of the cost of living and give results of investigations of industrial establishments. One table in the 4th biennial report has been indexed. It gives the total fruit and vegetable packs of the state from 1916 to 1922. No other agricultural statistics are given in these publications.


Only two tables in this publication have been indexed, one showing the number of cases of fruits and vegetables packed each year from 1900 to 1916 and the other the number of cases of fruits and vegetables, by individual variety, packed in 1914, 1915, and 1916.


These reports deal almost entirely with different phases of the labor industry including descriptions and conditions of the industries of the state, wages received and working hours, reports of factory inspection, investigation and testimony of capital and labor; employment bureaus and the work accomplished; causes and duration of strikes and lockouts and union scale of wages. A number of the reports contain a directory of labor organizations; a state census of manufactures; a review of labor laws and social and industrial statistics.

The agricultural statistics in these reports give in the main the number of persons employed, the wages received and working hours of farm laborers - in some cases classified by definite occupations. In a few cases the acreage and value of farms and acreage and value of principal crops grown on farms employing labor, are given, labor is often classified by race and sex. Data on Japanese labor are frequently given.

The earlier reports contain more agricultural statistics than do the later ones. The first report gives acreages, value and number of farms and value of farm property for three counties. It also contains comparative prices of principal foods.

The 2nd report contains reports from 35 counties of the taxable wealth in the county including acreage and price of land, number of ranches, rent and value of buildings, fences and implements.

Other agricultural statistics which may be found scattered through the reports are cost of operating one acre of hops, acreage of crops,
shipments of agricultural and horticultural products, quantity and value of dairy products and livestock, and production of wool, hops, beet-sugar and timber.


This publication contains the following statistical data: average monthly rate of wages, 1882, 1879, 1875, 1869, 1863 of farm labor; with and without board, for various states and sections of the United States; rate of wages of agricultural labor per day in harvest, with and without board, for the same years, for individual states; undated table showing rates of agricultural labor in European countries (not indexed); a statement relating to the Chinese of California showing their labor relations with agricultural pursuits, as per returns from county clerks and assessors (not indexed); acreage of grapevines in the state and wine production in the state for a given number of years; production of various kinds of fruits in California for 1885; and production of various kinds of canned and prepared fruits, California, 1885.


Also an 87p. edition which contains the same material as do the first 37 pages of the 120p. edition.

This is the report of a commission to "investigate and consider the question of land colonization, and the various forms of land banks, co-operative credit unions, and other rural credit systems adopted or proposed in this country or elsewhere with special view to the needs of the rural communities of this state." - Introduction.

Tables showing the following data are indexed, average price per acre of farm lands in California compared with other sections of the United States and foreign countries; estimated cost of ready-made 40-acre dairy farms in three localities of California; cropped acreage, total and per acre value of crops in various reclamation projects and cost of developing lemon and orange orchards.

Tables I-IV are undated and are not indexed.

Table I - "A summary of data relating to financial condition of settlers" shows the number of settlers in various colonies; the average area of farm; average price paid for unimproved land; average time of payment; average capital of settler, average cost of improvements, number of debtors and average indebtedness and average rate of interest.

Table II "Reports of commercial organizations" shows the estimated outcry of settlers (furnished the commission by commercial organizations) including cost of unimproved land, cost of improving a 20-acre fruit farm; a 40-acre dairy farm or mixed farming, living expenses; amount for last payments; where money can be borrowed and time of repayment.

Table III - "Rate of interest and time given to pay for land under colonization systems of [Calif. and] different countries."

Table IV - "Summary of ages of settlers and of gross returns for the first year for nineteen California projects."

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This report also contains a great deal of financial data relating to a "family farm" which was obtained from farmers. "A 'family farm' may be defined as that unit of farm business which can be handled by the average family to produce the sum accepted as necessary to cover the various expenditures to be met." Five types of farms are given—fruit, grain, poultry, dairy, and diversified farming. Tables show the average sizes, capital required for land, detailed costs of equipment, capital required until business is established and after established; possible returns, etc. These tables have been indexed.

Tells of the state land settlement at Delhi—the soil, water, improvements, prices of land and terms of payments and conditions governing settlement.
Table I, giving acreage, price, deposits on land and amount of semiannual payments on allotments has been indexed.
There is also a map showing allotments.

This is of the same nature as the publication dealing with the Delhi settlement.

A 16 page publication giving descriptions of the Durham and Delhi settlements. A table giving financial data of two average farmers is given in answer to the question "How much money are your settlers making?" These data have been indexed.

California. State land settlement board. Information for intending settlers regarding the Ballico Unit of the Delhi Land Settlement, Delhi, Merced Co. Sacramento [1923]
Publication gives location and general facts of the settlement including conditions under which farms can be purchased and one table giving acreage, value, required deposit and payments on each allotment.

Treats of what has been done in state land settlement and plans for the future.
A statement of returns from grain crops planted by the board shows how settlers were helped by this preparatory work. This is indexed.

These are reports of the operations of the board which aims to promote agricultural development by state land settlements. They contain few statistics. Statistics in the first deal with farm allotments, area in acres, price of land per acre, total price, etc. The second is devoted mostly to a report of the development of the Durham and Delhi state land settlements. Data consist mostly of milk sales for one week, value of exchange labor, estimated cost of irrigation system, and additional costs added to cost of land.

California. State land settlement board.
See also California. Dept. of public works. Division of land settlement.

California. Legislature. Committee on federal relations. In the matter of the investigation of the increase in freight and express rates. 1909. 49p.
"Transcript of testimony given before committee on federal relations." Contains few statistics. Only one table showing the freight rates before and after a given date on several agricultural commodities has been indexed.

This publication contains numerous schedules showing comparisons of freight rates and schedules of proposed rates, also a table showing classification of freight as used by various railroad companies. Only one table has been indexed. It shows the freight rates of several agricultural commodities between given points.

California. Department of public works. Division of engineering and irrigation. Bulletins 1-17, 18, Sacramento, 1925-1927.
Bulletins 1, 7, 10, and 13 are California Irrigation District Laws. In each of these bulletins is a table showing acreage of irrigation districts. Numbers 10 and 13 give both active and inactive areas.
Bulletin 2 (Procedure for securing state approval of formation of irrigation districts) and Bulletin 12 (Summary report on the water resources of California) have not been indexed as they contain no statistics of interest.
Bulletin 3 is Water Resources of Tulare County and Their Utilization. The only tables indexed in this bulletin are those showing the irrigated acreage of alfalfa, corn, orchards, vine, miscellaneous and total crops, and the kind of irrigation used.
Bulletins 4, 5, 6 and 9 contain little of interest.
Bulletin 8 is Cost of Water to Irrigators in California. It gives "information on the type of irrigation system, locality, etc., source of water supply, duty of water, acreage irrigated, kind of crops, capital invested and water charges, in addition to annual cost of water to the irrigator. Such data were obtained for this report by visiting the principal irrigation enterprises of the state. The data on private pumping plants were obtained by making field tests in each case."
Introduction. Statistics giving acreage of crops irrigated, cost of irrigation, cost of pumping for irrigation, and quantity of water used are indexed.

Bulletin 11 is Ground Water Resources of the Southern San Joaquin Valley. Tables showing acres irrigated in various areas - often classified by types of irrigation - have been indexed, also one table showing total acreage in specified crops in area above the East Side Canal.


These reports are a continuation of the first - seventh biennial reports, 1907/08-1919-20, of the Calif. Dept. of Engineering. They accompany the 1st - 3d biennial reports of the Calif. Dept. of Public Works. No separate report for 1924/26 being available for examination the report is given in the document set (Appendix to the Journals of the Senate and Assembly of Calif. v.5, 47th sess.) was indexed.

These reports deal with the problems of irrigation, drainage, reclamation of land, construction of river control works, and related subjects. Numerous statistical data are given. The following only have been indexed: tables showing area of active and inactive irrigation districts, summary of agricultural and irrigated areas, and results of rice and alfalfa irrigation investigations.

California. Department of public works. Division of land settlement.
Farming in Merced County, California. 1923. [Sacramento, 1923] 16p.

Pamphlet gives information for intending settlers regarding Delhi State Land Settlement in Merced County.

The following data were indexed: average taxes per acre; price of land per acre; total price; deposit on land and semi-annual payment; value of improvements; deposit on improvements; half yearly installment on improvements.

California. Department of public works. Division of land settlement.

This is a brief account of the state land settlements at Durham and Delhi and the preliminary work done by the state before offering the land for sale. It contains one table showing the average cost and the average capital expended in the development of 70 typical irrigated areas.


This accompanies and is part V of the first biennial Report of the California. Dept. of Public Works.

For earlier reports see California. State Land Settlement Board. Reports.

This report gives an account of the two state land settlements, one at Durham and the other at Delhi. It tells of the preliminary work done by the state and how these settlements have added to the state's wealth. Typical examples of expenses and incomes over a given period in one of these are given and have been indexed, also a table showing acreage of crops at Durham.

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California. Department of \textit{public works}. Division of land settlement. See also California. State land settlement board.


Bulletins 1 and 2, Hydrographic Investigation of San Joaquin River, and Kings River Investigation, respectively, contain no agricultural statistics.

Bulletin 3 is Proceedings of the Sacramento [San Joaquin] River Problems Conference held under the auspices of the Sacramento Chamber of Commerce and the Division of Water Rights at Sacramento, Calif. on Jan. 25 and 26, 1924. Numerous statistical tables are included in this Bulletin. Data indexed include acreage irrigated; irrigation development as shown by applications received and permits issued for appropriation of water; growth of the rice industry - shown by acreage harvested, production and average price received; amounts of water diverted for rice irrigation based upon various factors; shipments, price, and value of numerous Delta farm products shipped by boat and rail for the year 1919.

Bulletin 4 is Proceedings of the Second Sacramento-San Joaquin River Problems Conference and Water Supervisor's Report. Statistics of interest are acreage of crops irrigated; acreage of crops benefited by water conservation work during an unusually dry season; and estimated value of given crops saved by water conservation.

Bulletin 5 is San Gabriel Investigation, Report for the period July 1, 1923 to September 30, 1926. It contains a great deal of data relating to water investigation but very little that has been included in this index. The status of land, i.e., the irrigated, irrigable and non-irrigable area of San Gabriel Valley and of San Gabriel Valley by basins has been indexed, also the acreage of the leading crops grown in this valley, and the duty of water required for citrus fruits and walnuts for a given number of years. A description of the tracts for which duty of water data were obtained is also given.

Bulletin 11 was issued jointly by the Division of engineering and irrigation and of water rights. For description of it see California. Dept. of public works. Division of engineering and irrigation. Bulletins.


"The Division of Water Rights is that branch of the state government having supervision of the administration of California's water resources. It was formerly known as the State Water Commission." - Introduction to Report 1922/23. The reports accompany the reports of the Calif. Department of Public Works.

The only items indexed in these reports are tables showing the acreage of crops irrigated and costs of irrigation.


No reports published 1897-1898; 1901; 1902; 1904; 1905; 1906;1907.

Report year irregular. A few of the reports are biennial. 1899 included in report for 1900.
Some reports issued by Board of Railroad commissioners.
For earlier railroad reports See California. Board of Commissioners of Transportation. Reports.
These reports contain all sorts of statistical data relating to the railroads operating throughout the state, such as operating expenses, earnings, profits and losses, accidents, reductions in freight rates, etc.
Some of the reports give proposed freight rates. These have not been indexed, neither have freight rates for which the date could not be determined. Actual freight rates, however, have been included.
Tables showing freight carried by railroads operating in the state appear in almost all of the reports. The agricultural commodities given in these tables have been indexed. The later reports do not give these shipments by commodities; they show the agricultural products and the animal products carried over the various railroads.
In the 1901-32 report there is a table showing acreage of wheat, corn, oats, barley and grapes, number of fruit trees growing, number of lemon and orange trees bearing; number of sheep and number of beef and stock cattle in the state and counties for 1870 and 1890. The average value per acre of land in 1832 given by counties is found in Report 1893. These, and occasional other statistics that appear, have been indexed.

A preliminary report of 71 pages was issued August, 1906.
This is a report of the System of revenue and taxation in force in the state of California and gives the taxes imposed on each class of property such as steam and street railroads, water companies, banks, telephone and telegraph companies, etc. Chapter III entitled "Inequalities in the existing system of taxation" gives a summary of farm taxation which includes a table of taxes on farms compared with taxes on manufactures. This table gives the total capital; value of land (also per cent of total capital); buildings; machinery; other assets; assessed value; gross product; net product; taxes of gross product and taxes of net product. This table has been indexed, also a table showing the average country or rural tax rate compared with the city average.

Contains statistics of registration of stallions and jacks.
For later reports See California. Dept. of agriculture. Special publications 14, 23, 41, 49, 49, and 59.

California. Secretary of state. Governor's mansion; and report of the Secretary of state of the census of 1852, of the state of California. (In Appendix to Senate Journal, session of 1853, Document No. 14) 58 p.
This is an interesting census report of the population, production and capital of the state of California. No agricultural population is given. Pages 13 to 56 are entitled "Abstract of the Census of 1852, of the state of California." The data in this section are given for individual counties. Pages 57-59 are a recapitulation of the data for the state as a whole. Among the data given are numbers and value of different kinds of live stock, production of various crops, and the amount of capital invested in farming, farming utensils, fruits and orchards, etc.
Like other official reports of the state of California these reports, in addition to being issued separately, are published in the Appendices to the Journals of the State Legislature. Reports not found in separate form are:

1850 in Legislative Journal, 1851, p. 578-590, 894-906 (contains a few approximate statistics in the text but no tabular data)

1852 in Appendix to Senate Journal, 1853, doc. 3.

1853 in Appendix to Senate Journal, 1854, doc. 1.

1855 in Appendix to Assembly Journal, 1854, doc. 4.

1856/7 in Appendix to Assembly Journal, 9th sess.

1859 in Appendix to Assembly and Senate Journals, 11th sess.

1860 in Appendix to Assembly and Senate Journals, 12th sess.

1861 in Appendix to Senate and Assembly Journals, 13th sess.

1862 in Appendix to Senate and Assembly Journals, 14th sess.

1864 (Nov. 20, 1863/Nov. 1, 1864) and 1865 (Nov. 1, 1864/Nov. 1, 1865) bound together. In Appendix to Senate and Assembly Journals, 16th sess., v.1.

1860/71 in Appendix to Senate and Assembly Journals, 19th sess., v.1.

1893/1900: not printed.

Beginning with 1865/67 these reports are biennial with the exception of the reports for 1889 and 1879/80. The report for 1869 is entitled Statistical Report ... for the Year 1869, and contains the same kind of statistical tables as do the other reports. The report for 1869/71 is entitled Statistical Report ... for the Years 1869, 1870 and 1871.

The law requiring the county assessors to send in to the surveyor general an annual report on agricultural products was passed by the state in 1850. This resulted in the first statistics appearing in 1853 covering the year 1852. The earliest reports give tables of statistics for individual counties but in the reports from about 1855 to 1882/84 the information is given in more compact form and shows agricultural and industrial information as reported by the several county assessors. The data are given for the state and counties and include such items as the following: acres of land inclosed and uninclosed; acreage and production of different crops, number of different kinds of fruit trees, number of different kinds of livestock and poultry, number of irrigation ditches and acres irrigated, assessed value of property, etc. A report of the manufacturing and mechanical industries of San Francisco City and County is also given.

After the 1882/84 report these reports deal mainly with the affairs of the Surveyor General's office, school land payments, swamp land certificates, fees, etc.


This report covers a period of one year and 4 months.

It is the report of an investigation of the general subject of taxation and contains few statistics pertaining to agriculture. Values - actual, assessed or appraised - when given for land and improvements outside of incorporated cities or tax rate outside incorporated cities have been indexed.
California. Board of commissioners of transportation. Reports. Sacramento, 1877,1879.

Two reports were issued. The first is a report to the Legislature of the state and is dated December 1877. The other is a biennial report for the years ending December 31, 1877 and 1878.

These publications contain a great deal of statistical data relating to railroads operating throughout the state, such as returns of broad and narrow gauge roads, earnings, profits and losses, freight and passenger rates, casualties, land grants (acres sold and average price of sale of lands granted by the U. S. Government), reductions in freight rates, etc. Undated tables have not been included in this index. In the first report only the following were indexed: amount of agricultural freight transported during the year, and the number of farm animals killed on railroads. In the second, tables showing reductions in freight rates on agricultural commodities, receipts of 4 leading articles of produce at San Francisco, and grain products transported to the general markets of the state by the railroads have been indexed.

For later railroad reports See California. Railroad Commission. Reports.

California. University. College of agriculture. California countryman
See California countryman.


A hand book of information on agricultural subjects. Tables showing dates of frosts, planting calendar of fruits, field crops, small fruits, and vegetables, and average cost of bringing orchards into bearing are indexed.


Circulars 1,5,11 and 12 have been indexed.

Circulars 1 and 5 are Series on California crops and prices, Peaches and Lettuce, respectively. For others in this series see California. Agricultural Experiment Station. Bulletins. Circular 1 contains many charts and tables dealing with the acreage, production, price actual and relative, relative value or purchasing power and shipping and marketing conditions of peaches. One section gives data on cost of production and an appendix gives foreign peach statistics. There are numerous tables giving data for the United States peach industry. Circular 5 is similar in type and contains data on shipments of lettuce for the United States, relative importance of main lettuce shipping states, California shipments compared with other main shipping states, California shipments by districts and by counties, and monthly and weekly shipments. The markets to which lettuce is sent, prices received, trend of prices, and per capita consumption are also given.
Circular 11 is Cauliflower Production in California. Three tables showing shipments of cauliflower have been indexed.

Circular 12 is Wool Production in California. A chart and a map show California wool production and another chart shows monthly market quotations.


California. Board of state viticultural commissioners. Annual report of ... commissioner for the San Joaquin district, 1891. Sacramento, 1891. 11p.

This publication reviews the progress of grape growing in the San Joaquin district. Statistical tables that have been indexed include acreage in vineyards, production of raisins in the state from 1873-1890, annually, consumption of California raisins, and production of California raisins compared with the production of leading foreign countries. An appendix contains statistics relating to the United States and foreign countries. These have not been indexed.


Number 15 was the last one published. Superseded by reports of the Viticulture Service on the grape industry and published as Special Publications 6,11, 23, 33, and 47 of the California Department of Agriculture.

Among the data indexed in these bulletins are: production of raisins; acreage reported in vineyards; production of sweet wine; price of raisin grapes; expense per carload of marketing grapes; shipments of deciduous fruits 1914 and 1915; estimated cost of producing grape syrup, grape juice, and of grafting an acre of grape vines; average drying ratios of wine grapes; and returns from drying wine grapes, etc.

California. Board of state viticultural commissioners. Directory of the grape growers, wine makers and distillers of California, and of the principal grape growers and wine makers of the eastern states ... Sacramento, 1891. 254 p.

This directory gives the names and post office addresses of grape growers, by counties, and the acreage and production of grapes for each grower in 1889. In some counties the varieties of grapes grown are given. Statistics of acreage and production have been indexed.


Report year irregular.

There are 1st and 2d editions (revised) of the report for 1880. 1890-1891/2 are 1st-2d annual reports.

"The third annual report of the Commissioners is contained in the 2d annual report of the Chief executive viticultural officer and covers the years 1882,1883 and 1894" (Ann. rept. vitic. comrs. 1897:11) As worded, this statement is misleading. There is no
division of the viticultural officer's report referred to specifically occupied with the report of the viticultural commissioners. "What it was intended to say was probably that the report of the viticultural officer would be submitted also as the commissioners report." - Hasse, A. R. Index of economic material in documents of the states ... California 1849-1904 ...

1890-91/91-92 have title: Annual report, although 1890/91-91/92 are really biennial reports.

1892/93-93/94 are biennial reports.


These reports contain statistics giving production of grapes, wine and raisins; acreage of vineyards and grapevines; number of vineyards and vine growers; shipments of wine and grapes; receipts, value, price and stocks on hand of wine; consumption of raisins; sales of grapes, wine and raisins; and average price of grapes. Some statistics are for the state but most of them are for counties or districts. In addition to the statistics which have been listed there are statistics scattered throughout the text of the reports, as well as reports, articles and information bearing on the viticultural industry.

1890/91-91/92 include Appendices A-E. Appendix A is issued separately. Appendix D contains a statement of the import duties of all the principal countries to which California wines, brandies and raisins are or may be exported. A similar statement is contained in Appendix F of report for 1892/93-93/94. 1892/93-94 include Appendices A-F. Appendices I-3 are issued separately. These appendices contain no agricultural statistics but do contain information and articles of interest to viticulturists.

"Commission discontinued. By legislative act of 1895 property and duties of board were transferred to University of California." - Hasse, A. R. Index of economic material in documents of the states ... California ... 1849-1904 ...

California. Board of state viticultural commissioners. The vineyards in Alameda County; being the report of Charles Bundschuh, commissioner for the San Francisco district. Sacramento, 1893. 73 p.

This report contains data relative to the number of vineyards, the acreage in vines, the 1892 crop of grapes, the stock of wine on hand, and cooperage for Alameda County and its eight districts. All data, except for the grape crop, are presumably for 1892. Reports for individual growers are not given in tabular form but have been included in the index.

California. Board of state viticultural commissioners. The vineyards in Napa County; being the report of E. C. Priber, commissioner for the Napa district ... Sacramento, 1893. 47 p.

Data showing the number of vineyards, the acreage in vines and 1892 crop of Napa County, its five districts, and for individual growers have been indexed.

XXXIII
California. Board of state viticultural commissioners. The vineyards in Sonoma County; being the report of I. DeTurk ... Sacramento, 1893. 48 p.

The number of vineyards, the acreage in grapes and crop in Sonoma County and its five districts have been indexed.

The report on vineyards (acreage and yield) for individual growers of the county is not given in tabular form but has also been included in this index.

California. Board of state viticultural commissioners. The vineyards of southern California; being the report of T. C. Bichowsky ... Sacramento, 1923. 47 p.

This report contains statistics of the grape acreage and crop of five southern counties, also a report on acreage and crop of vineyards of individual growers in these counties.


Contains viticultural statistics in the text and one short table on raisin production.

"This report is issued to the public by direction of the State Board of Viticultural Commissioners for the purpose of acquainting those interested, with the extent of the grape industry in California, and for the additional purpose of inviting all vineyardists to make use of the State Viticultural Commission when in quest of any information or advice relating to the welfare of their properties." - p. 1.


1917-20 have title: 2d-3d biennial report.

For later reports see California. Dept. of public works. Division of water rights. Report.

Report Mar. 1, 1915 - Dec. 1, 1916 contains few agricultural statistics. Tables showing acreage in rice in California and leading rice states, area of irrigated rice fields in Sacramento Valley and area of irrigation districts have been indexed.


The third report contains few agricultural statistics. Included in this index are tables showing rice acreage, area of irrigated rice fields; area possible of irrigation in California, and area of agricultural permits for water rights.

California. Division of water rights. See California. Dept. of public works. Division of water rights.

California census of 1852. See California. Secretary of state. Governor's message; and report of the Secretary of state of the census of 1852, of the state of California.

"Published monthly during the college year by the agricultural students of the University of California, in the interests of rural life."

Suspended publication Nov. 1917-April 1918 (Letter April 29, 1918). Wanting: May, 1918-Dec. 1919 if published. May, 1927 not published. V. 1-7, no. 5 have title: The University of California Journal of Agriculture. V. 7, no. 6 has title: California Journal of Agriculture. These publications contain a few statistics such as cost of production, acreage, production, and value of various crops and number of grain, pasture and hay fires and causes of these fires.

California crop and livestock reports. See California. Cooperative crop reporting service [California crop and livestock reports] also Calif. Dept. agr. Special publications, and Monthly bulletins.

California fruit growers and farmers convention. Proceedings, 1st-59th, 1881-1926, held under the auspices of the state department of agriculture and organizations which preceded it. San Francisco and Sacramento, 1882-1927. 1st in Report of Board of State Horticultural Commissioners, 1882. 3d-9th in Reports of State Board of Horticulture, 1883, 1884, 1885 and 1886, 1887 and 1888. 10th-12th (synopses only) in Report of State Board of Horticulture, 1889. 13th-17th in Reports of State Board of Horticulture, 1890, 1891, 1893-1894. 20th-23d, 43d, 44th, 46th not published. 25th, 27th in Reports of State Board of Horticulture, 1899-1900, 1901-02. 30th, 32d, 35th in Reports of State Commission of Horticulture, 1903-04, 1905-06, 1907-08. 41st, 42d, 49th-51st in Monthly Bulletin of State Commission of Horticulture, v. 1, no. 9, Aug. 1912; v. 2, nos. 3 & 4, Mar.-Apr. 1913; v. 6, no. 5, May, 1917; v. 7, nos. 1 & 2, Jan.-Feb. 1918; v. 8, no. 7, July, 1919. 52d-59th in Monthly Bulletin of Department of Agriculture, v. 8, nos. 11 & 12, Nov.-Dec. 1919; v. 9, no. 12, Dec. 1920; v. 10, no. 10, Oct. 1921; v. 12, no. 5, May, 1923; v. 13, no. 1-6, June, 1924; v. 14, no. 1-6, Jan.-June, 1925; v. 15, no. 1-6, Jan.-June, 1926; v. 16, no. 3, Mar. 1927. 45th issued as Supplement to Monthly Bulletin of the State Commission of Horticulture, v. 4, nos. 5-6, 1915. The others are issued as separate publications. Formerly California State Fruit Growers Convention. These volumes contain occasional statistics. Only volumes issued separately have been indexed under the name of the convention. Others have been indexed as part of the set in which they are found. The 10th report contains a few statistics of fruit shipments and production of dried fruits in California in 1887. The 18th gives acreage, value, and yield of wheat and hay for 1893; shipments of fruits and vegetables by rail and by sea, acreage of fruits in two districts of San Diego County for 1894, and number of fruit trees in Riverside County for 1894. The 19th contains tables showing the amount realized for...
and average price received for fruits sold at New York and shipments of fruits. The 24th and 26th contain tables showing destination and number of cars of fruit shipped for a series of years. The other reports contain various scattered statistics, i.e. shipments, transportation charges, expense account of a 20-acre lemon grove, and the cost of distribution of oranges.

In addition to the regular reports of Proceedings there are certain other reports made by committees of the California Fruit Growers Convention which have been examined but not indexed. Those of the reports examined are mainly reports of the Fruit Growers' Committee on Freight Rates and the Fruit Growers' Committee on Transportation and are the property of Mr. S. W. Shear, College of Agriculture, University of California, Berkeley. Members of the committees in practically every case were R. D. Stephens, Chairman, M. T. Angier, and C. M. Hartley. A list of the titles of the reports with descriptions of their contents are as follows:


"The object of this publication is to give transportation companies handling California shipments facts showing present conditions and their effect upon deciduous green fruit shipments from California."

Tabular data consist of number of cars sold, gross and average sales of deciduous fruit in 11 cities, 1908.


This publication bears neither date nor place of publication. It does, however, contain a copy [p.1] of the Report of the Fruit Growers' Transportation Committee submitted to the Fruit Growers' Convention. According to a statement on p. 30 "the object of the fruit growers who issue this publication is to give to all who desire an insight into the condition in which we find the deciduous fruit industry of California, so far as growing and shipping deciduous fruit to Eastern markets is concerned." As indicated in the title the publication contains statistics showing results of shipping and selling 3,623 carloads of fresh fruit in the Eastern cities. Data are tabulated and include daily figures for July 6, 1903 - Nov. 13, 1903, with a summary for the season of the number of cars shipped; amount of gross sale; cost to grower, not including interest on capital invested (freight, refrigeration, commission, cost of production, etc., and total cost), profit or loss, interest on capital invested at 8 per cent, and profit or loss after interest is deducted. Other tables give a recapitulation of the data for the season for each city; number of cars shipped, number of cars sold, and number of cars not accounted for; and a summary showing that a loss instead of a profit, due to high costs of production and marketing, is suffered on each car.

XXXVI

This publication is somewhat similar to the previous one mentioned, except that it contains more text and fewer statistics. On p. 6 figures are given showing the cost of marketing the 3,684 cars in 1904, the gross sale, and the net loss to the growers. Pages 7-10 contain statistics of sales of fresh fruit in eleven Eastern cities. Data consist of number of cars sold, gross and average sales, cost to grower not including interest, cost including interest, and profit or loss with and without interest, and are given weekly during the season. There is also a table giving a recapitulation for each city. On p. 14 there are tables showing possible and probable profits from Bartlett pears, plums and prunes bought from California growers, f.o.b. by shippers who belong to the "California Fruit Distributors." On p. 25 there is a table comparing weekly sales of California fruit in Eastern markets in 1904 with sales in 1903. A table on p. 27 summarizes the data by the week instead of by cities. On p. 31 there is a table showing the proportion of business done by the Armour and Santa Fe car lines for five weeks, Aug. 5 - Sept. 2.


"The object of this publication is to give its readers an insight into the present methods of transportation and marketing of California fresh deciduous fruit in Eastern markets."

Statistics given are as follows: number of cars reported sold, gross and average sales, cost to growers including and excluding interest, profit or loss with and without interest, weekly, 1905 season for eleven Eastern cities; recapitulation of data by cities for the season; recapitulation by the week; instead of by cities; comparison of total weekly 1905 sales with sales of 1904; table showing possible results from f.o.b. sales of plums and prunes, Bartlett pears, cars shipped, cars reported sold, and cars not accounted for, weekly July 9, 1905-Oct. 3, 1905, both dates inclusive; number of carloads of fresh cherries, apricots, peaches, plums and prunes, pears, grapes, apples, quinces and persimmons and figs, and total deciduous fruit shipped from California, 1904, 1905.

Memorial from the fruit growers of California to the transportation companies asking for a quicker time to points in the East, and for amendment of the minimum carload. [Sacramento, 1901] 27p.

Contains no statistics.

The names of the Fruit Growers and Shippers Committee of which R. D. Stephens was chairman are given on p. 11.

Consists of "facts and figures in support of claims" that deciduous fruit shipments should be on an equality with orange shipments from South of Tehachapi. Several examples of costs to growers (railroad charges, commission, loading, etc.); sales; and net loss are given.

Report of Fruit growers committee on freight rates. Ask that the rate on deciduous shipments to Chicago and common points be fixed at one dollar per 100 lbs. and that the minimum carload be reduced to 20,000 lbs. Facts and figures in support of claims. Respectfully submitted to the fruit growers of the state, in convention assembled at Santa Rosa, California, December 19-22, 1911. Sacramento, n.d. 24p.

Statistical data are as follows: railroad charges versus state and county taxes; acreage of table grapes (classified as to varieties), and wine grapes in San Joaquin County as given by the county horticultural commissioner; tree fruit sales (number of cars, gross and average value of cars) in various Eastern markets, August 17 to 25th, 1911, and number and per cent sold at a profit and at a loss; similar data for grape sales, Sept. 5-29, 1911; number of cars of deciduous fruit and of grapes (also crates of grapes) sold in New York City, Aug. 19-Nov. 25, 1911; shipments of cherries, apricots, peaches, plums, pears, grapes, sundry fruits, and all fruits (cars) 1910, 1911.

Report of Fruit growers committee on freight rates, together with the action of the State fruit growers annual convention, December 7-10, 1909, taken thereon and subsequent action taken by the Committee. Facts and figures in support of claims. Respectfully submitted to the fruit growers of the state, in convention assembled at Stockton, California, December 8-9, 1910. Sacramento, n.d. 18p.

Statistics given on p. 12-14 show, principally, that after transportation, labor, commission, and other costs were deducted from the gross sales of California fruit and grapes marketed in the East during the 1910 season, California fruit growers made a smaller profit than was generally believed to be the case and grape growers suffered a loss.

Report of Fruit growers committee on transportation, 1912. Ask that the minimum carload be reduced from 25,000 to 24,000 pounds and a reduction in charges for refrigeration. Facts and figures in support of claims. Respectfully submitted to the fruit growers of the state, in convention assembled at Fresno, California, December 11-13, 1912. Sacramento, n.d. 28p.

In addition to statements as to the minimum weights on carload lots for deciduous shipments from Texas, Arkansas, and Georgia, the following data are given; table grape sales in Eastern markets.

Among the "facts and figures" given are a list of 100 cars (sales for 1913) showing the loss from decay caused by the overloading of the cars; a list of 160 cars showing gross sales in auction markets covering shipments made in August, September and October 1913, for various Eastern cities, with a recapitulation by cities as to number of cars, total and average sales.


Among the tabular data given are: approximate acreage planted to citrus fruits, grapes, and deciduous fruits in California; itemized costs to growers; and reported sales of California deciduous tree fruit in 14 different cities, 1915 (tables show total shipments, shipments showing a loss, and shipments showing a small profit).

Report of the Committee on transportation. Transportation, refrigeration, time-schedule. Action taken by the Fruit-growers of California at their convention, held in San Francisco, December 3-6, 1901. Issued by the State board of horticulture. 22p.

Contains no statistics.


Three illustrations given on p. [4] show how railroad charges affect the deciduous fruit growers of the state in comparison with the state and county tax.


"This statement gives in detail the reported sales for eight days in July, 1902, together with profit and loss on each carload. Also the reported shipment of 3,039 cars from July 5 to August 30, 1902, inclusive." Data include car numbers, places of origin and destination, dates of shipment end of sale, gross sales, items of expense to grower (freight, refrigeration, cost of production,
commission, and total cost), profit or loss to growers, number of
cars shipped, and a comparison of the number of cars and the number
reported sold.

California Journal of agriculture. See California countryman.

California state agricultural society. Monthly journal, v.1 (nos. 2-4, 6-9),
v.2 (nos. 1-7). Sacramento, 1859-1861.
This little monthly journal, or Journal as v.2 is entitled, was
published by the Board of Managers of the California State Agricultural
Society for "gratuitous circulation" as a "medium of free communication
between all friends of agriculture."
The only table indexed in the numbers examined is a table showing
number of grapevines in cultivation, 1856, 1857, and 1858. This table
is in the December 1859 issue.

California state agricultural society. Reports. See California. State board
of agriculture. Statistical report.

California state agricultural society. Transactions. See California. State
board of agriculture. Statistical report.

California state. Fruit growers convention. See California. Fruit growers and
farmers convention.

Enos, John Summerfield. Statement of John Summerfield Enos ... in reply to
a communication upon the advisability of displacing Chinese in the
orchards, vineyards, and hopyards of California. See California
Bureau of labor statistics. Statement of John Summerfield Enos ...

Farm management notes for California. See Adams, Richard Laban. Farm
management notes (for California) 1921.

Governor's message; and report of the Secretary of state of the census of
1852, of the state of California. See California. Secretary of
state. Governor's message ...

Los Angeles; California. Board of harbor commissioners. Annual report
1914/15 (which contains an abridged report of the board of harbor com-
missioners for the year 1913/14); 1915/13; 1916/13; 1917/20; 1923/24;
1924/25; 1925/26. Published by the Board of harbor commissioners of
the city of Los Angeles, California, 1915-1926.
Titles vary. The Port of Los Angeles. Annual report of the Harbor
Dept., of city of Los Angeles; Annual report of the board of harbor com-
missoners.
These publications contain reports of the amount and estimated value
of commerce - domestic and foreign, inbound and outbound - through the
Port of Los Angeles, giving in some instances the countries of
destination or origin. Statistics of quantity and value of agri-
cultural commodities imported or exported have been indexed.
The 1913/14 report gives quantity of exports and imports only, and the 1922/24 report gives value only of imports and exports.

The 1915/16 report has a large section devoted to data relative to the possibilities of foreign trade through the Port of Los Angeles. Information was compiled from official published reports and from special reports obtained from a large number of American consuls throughout the world. These data have not been indexed.

Reports 1924/25 and 1925/26 contain no statistics that have been included in this index.

These reports are not official publications of the state of California but they have been included in this index since other harbor reports similar to these are listed as official publications of the state, and have, therefore, been indexed.

Report of Assembly committee on the culture and improvement of the grape vine in the state of California. 8p. (In Appendix to the Journals of the Senate and Assembly, 17th sess., 1867/68, v.3)

This small publication contains the following statistical data: number of grape vines in the state and its counties for 1853, 1866, and 1866; and the production of wine in California, Ohio, Kentucky, and Indiana for 1860. California wine production is also given for 1866. Table showing number of vines is compiled from returns made by the county assessors.

Report and memorial of the Committee on the culture of the grape in response to a resolution of the Assembly. 8p. (Unnumbered document in Appendix to the California Senate and Assembly Journals, 1863, 14th session)

Contains one table which shows the number of grape vines set out in each county. The figures are from "reports of the county assessors, as compiled in the Surveyor-General's report of eighteen hundred and sixty-two."

Report of assembly committee on the culture of the grapevine. Apr. 1, 1866. 11p. (Unnumbered document in Appendix to the California Senate and Assembly Journals, 1866, 16th sess., v.3)

Contains tables showing wine production in California, Ohio, Kentucky, Indiana and the United States, and number of vines in California by counties. Data are from an article in the Mercantile Gazette, "The Viniculture of California - Its Progress and Prospects."

Report of the Committee on the culture and improvement of the grapevine. April 9, 1862 9p. (Unnumbered document in Appendix to Journals of Senate and Assembly (Calif.) 1862, 13th session)

Contains one table showing the number of grapevines in the respective counties for years 1856, 1857 and 1853. Figures from State Register.


This contains tables showing the following statistics: production of California raisins, 1873-1910, imports of foreign raisins, California
raisins exported, production of seeded raisins, production by counties for 1909, raisin crop of the world, etc. Statistics of exports and imports have not been indexed.


University of California journal of agriculture. See California countryman.
CALIFORNIA

An Index to the State Sources of Agricultural Statistics

PART III - LIVESTOCK AND LIVESTOCK PRODUCTS

an Index to the Official Sources

Compiled by Louise O. Borcaw,*
Under the Direction of Mary G. Lacy, Librarian,
Bureau of Agricultural Economics

LIVESTOCK AND LIVESTOCK PRODUCTS

Imports
1923: imports, Port of San Francisco (animal and animal products)

Production
1893: Humboldt county (livestock and meat) In Calif. state agr.
soc. Trans. 1894, p.264 (Chamber of Commerce)

Receipts
1901 (year ended June 30): receipts of livestock, dairy and packing
house products imported into state by Santa Fe; Southern Pacific
System. In Calif. state agr. soc. Trans. 1901, p.183

Shipments
1923: exports from the Port of San Francisco (animal and animal pro-
1922/24, p.61,67.
1923: shipments - coastwise; internal - to San Francisco Port; from
San Francisco Port; total domestic shipments. In Calif. Bd.
state harbor commissioners. Bien. rept. 1922/24, p.61,63,64,66,67.

Value
1893: Humboldt county (livestock and meat) In Calif. state agr.
soc. Trans. 1894, p.264 (Chamber of Commerce)

* The compiler was assisted in the preparation of this index by Misses
Lillian Crans and M. I. Horb of the Library Staff.
LIVESTOCK AND LIVESTOCK PRODUCTS - Continued

Value - Continued
1905: Alameda county (total value) In Calif. state agr. soc. Rept. 1905, p.76.

Value of Exports

Value of Shipments
1923: shipments - coastwise; internal - to Port of San Francisco; from Port of San Francisco; total domestic shipments of animal and animal products. In Calif. Bd. state harbor commissioners. Bien. rept. 1922/24, p.61,62,64,65,67.
1924(year ended June 30): Port of Los Angeles (value of live animals and products exported to named foreign countries) In Los Angeles. Bd. harbor commissioners. Annual rept. 1923/24, folded chart, back cover.

LIVESTOCK

Cost

Freight Discharged and Loaded
1910,1909(years ended June 30): cattle horses and mules - discharged and loaded over the state wharves of San Francisco (shipped by other than R. R. ferry boats - discharged; loaded; total; discharged and loaded by R. R. ferry boats and cars; grand total) In Calif. Bd. state harbor commissioners. Bien rept. 1909/10, p.96,98.

Freight Rates
1875(May 10): between given Calif. stations (by rail or water) In Calif. Legislature Senate committee on corporations. Rept. Railroad fares and freights, p.45.
Freight Rates - Continued


Cruising Permits Granted

1918-1911 (annual): national forests in Calif. (number granted for cattle, horses, hogs; and for sheep and lambs, goats) (In Calif. State bd. agr. Statistical rept. 1918, p. 278) (Same statistics for shorter periods within 1911-1913 in Repts. 1917, p. 249; 1916, p. 233)

Imports


1900, 1899 (years ended June 30): brought into state by Santa Fé. In Calif. state agr. soc. Trans. 1900, p. 114 (Leroy Anderson)

1901 (year ended June 30): receipts of shipments into Calif. by Santa Fé, of cattle, sheep, hogs, etc. In Calif. state agr. soc. Trans. 1901, p. 163.


Number


1859: Siskiyou county (total stock including poultry) In Calif. Surveyor Gen. Rept. 1859, p. 87 (Assessor's rept.)

1906 (tables headed 1906-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)

1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)

1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)

1909 (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)

1910 (tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)

LIVESTOCK — Continued

Number Killed on Railroads

1876 (year ended June 30): farm animals killed on numerous broad gauge railroads, total; narrow gauge railroads and total (amount of damage paid also given) In Calif. Bd. commissioners of transportation. Rept. 1877, p. 96-97, 111.

1877 (year ended June 30): farm animals killed on numerous broad gauge railroads, total; numerous narrow gauge railroads, total.


Number Slaughtered

1924-1926: state and county (total no. animals, 1924; no slaughtered during 1924-26 for foot and mouth disease with per cent slaughtered) In Calif. Dept. agr. Special pub. 65, p. 54.

Shipments

1882: produced in state and carried by Central Pacific R. R. Co.


1886: produced in state and carried by Southern Pacific R. R. Co.


1887: produced in state and carried by Southern Pacific R. R. Co.


1888: carried upon various Calif. railroads, total (also gives per cent of whole amount shipped) In Calif. Bd. R. R. commissioners. Rept. 1889, p. 38, 46.

1888: various Calif. railroads, freight traffic movement (sometimes expressed as amount and per cent; as amount only; as per cent only) In Calif. Bd. R. R. commissioners. Rept. 1889, appendix, p. 38, 80, 103, 126, 153, 162, 171, 210.

1889: shipped over various Calif. railroads, total (per cent of total also given) In Calif. Bd. R. R. commissioners. Rept. 1890, p. 41, table 12.

1890: shipped over various Calif. railroads, total (per cent of total also given) In Calif. Bd. R. R. commissioners. Rept. 1891, p. 91. (Given elsewhere in book in repts. of individual roads)

1891: freight traffic movement over railroads within the state.


LIVESTOCK - Continued

Shipment - Continued


1900 (year ended June 30): various Calif. railroads - freight traffic movement (per cent of total also given) In Calif. Bd. R. R. commissioners. Rept. 1900, p.80-235.

1900,1899 (years ended June 30): state (cattle, sheep and hogs) In Calif. state agr. soc. Trans. 1900, p.114 (Leroy Anderson)


Shipments - Continued


1927: interstate shipments showing states of origin; showing counties (Calif.) of destination, total (includes dairy cattle, horses, mules, sheep and rams). In Calif. Dept. agr. Monthly bul. v.16, Dec. 1927, p.704,705.

Value

1852: state (total value of horses, mules, cows, beef cattle, work oxen). In Calif. census of 1852, p.8.
1852: Sacramento county. In Calif. census of 1852, p.32.
1860,1850: state. In Calif. State bd. agr. Rept. 1911, p.34 (U.S. Census)
1870: state and county. In Calif. state agr. soc. Trans. 1871, p.368-9 (U.S. Census)
1900: state (per cent of total farm property also given). In Calif. Commission on revenue and taxation. Rept. 1906, p.63 (U.S. Census)
1900 (June 1): state (on farms). In Calif. state agr. soc. Trans. 1901, p.145 (U.S. Census Bulletin)
1901: Southern Calif. (estimated value of hogs, cattle, etc.) In Calif. state agr. soc. Trans. 1901, p.135 (Chamber of Commerce)
1906 (?): state (annual earning capacity). In Calif. state agr. soc. Rept. 1906, p.29 (A. R. Briggs)
1906(Tables headed 1905-06): counties (total stock of all kinds). In Calif. state agr. soc. Rept. 1906 (See contents under names of counties)
1907 (?): state (annual earning capacity). In Calif. state agr. soc. Rept. 1907, p.23 (A. R. Briggs)
1907(Tables headed 1906-07): counties (total stock of all kinds). In Calif. state agr. soc. Rept. 1907 (See contents under names of counties)
1908(Tables headed 1907-08): counties (total stock of all kinds). In Calif. state agr. soc. Rept. 1908 (See contents under names of counties)
LIVESTOCK - Continued

Value - Continued

1909 (tables headed 1908-09): counties (total stock of all kinds) in Calif. State Agr. Soc. Rept. 1909 (See Contents under names of counties)

1910: state (domestic animals, poultry and bees - with amount and per cent of increase over 1900) in Calif. State Bd. Agr. Rept. 1911, p.59.


1910: state (domestic animals; domestic animals including poultry and bees, with amount and per cent of increase over 1900) in Calif. State Bd. Agr. Rept. 1911, p.59.


1910 (tables headed 1909-10): counties (total stock of all kinds) in Calif. State Agr. Soc. Rept. 1910 (See Contents under names of counties)


1910, 1900: state (domestic animals, poultry and bees - with per cent of increase over 1900) in Calif. State Bd. Agr. Repts. 1912-1918.

1910, 1900: counties (domestic animals, poultry and bees) in Calif. State Bd. Agr. Repts. 1911, 1915-1918 (U.S. Census)


1918: state. In Farm management notes for Calif., p.18.


1920-1950 (10 year periods): state (on farms) in Calif. State Bd. Agr. Statistical Rept. 1920, p.27 (per cent of increase, 1860-1920, p.28); in Rept. 1921, p.37 (with per cent of increase, 1860-1920, p.39)


Value - Continued

Value of Animals Slaughtered
1850: state. In Calif. State bd. agr. Rept. 1911, p.34 (U. S. Census)
1855: Solano, Napa and Shasta counties. In Calif. Surveyor gen. Rept. 1855, p.254,273,305 (Rept. of County surveyors and assessors)
1870: state and county (value of animals sold for slaughter) In Calif. state agr. soc. Trans. 1871, p.376-377 (U. S. Census)
1926-1924: state and county (appraised value of all animals slaughtered during 1924-1926 for foot and mouth disease) In Calif. Dept. agr. Special pub. 65, p.54.

Value of Imports

Value of Shipment
1923: shipments - internal from Port of San Francisco; internal to Port of San Francisco. In Calif. Bd. state harbor commissioners. Bien. rept. 1922/24, p.64,66.

Value per Farm
1910: state (average value per farm of domestic animals) In Farm management notes for Calif., p.13 (U. S. Census)
Freight Rates

1879 (Apr. 7): statement of showing reduced rate on cattle in small and long cars from Soledad to Mayfield over Southern Pacific R. R., Northern Division. In Calif. Commissioner of transportation. Rept. 1877-1878, p. 34.

1881, 1879: between given points (rate of 1879, R. R. comm. rate effective June 1, 1881; per cent decrease - for cattle, for cattle and hogs) In Calif. Bd. R. R. commissioners. Rept. 1880-1882, tables following p. 610.

1882 (July 1), 1878 (June 1): from named places to San Francisco (shows reduction per car of Southern Pacific company, Northern Division) In Calif. Bd. R. R. commissioners. 9th Annual rept. 1882, p. 54.


Imports

1899/1900, 1898/99: state (brought into state by Southern Pacific) In Calif. state agr. soc. Trans. 1900, p. 114 (Leroy Anderson)

1900/01: receipts of shipments by Southern Pacific into Calif. from points beyond Portland, Nome, Ogden, Dinio, and El Paso. In Calif. state agr. soc. Trans. 1901, p. 163.


IMPORTS - Continued


Number


1852: 3 counties. In Calif. Surveyor Gen. Rept. 1852, p.50,52,51,62. (Repts. of Co. assessors or surveyors)

1854: 11 counties. In Calif. Surveyor Gen. Rept. 1854, p.35,54,55,62,63,65,71,72,73,75. Also given on p.76. (County assessors)

1855: Colusa county. In Calif. Surveyor Gen. Rept. 1855, p.270 (County assessor)

1855: counties (total cattle) In Calif. Surveyor Gen. Rept. 1855, following p.50. Total for all counties p.51. (Repts. of County surveyors and assessors)

1855: counties (other: cattle, Spanish cattle for Butte Co. p.268; mixed cattle for Colusa Co. p.270; gentle cattle and other cattle for Los Angeles Co. p.274; American cattle; Calif. cattle for Marin Co. p.276; young cattle for Napa Co. p.278; cattle all classes for San Diego Co. p.297; other cattle, Calif. cattle for Sonoma Co. p.310,311) In Calif. Surveyor Gen. Rept. 1855, p.217-320 (County assessors and surveyors)

1855: Santa Cruz county (American; California - beef and stock cattle) In Calif. Surveyor Gen. Rept. 1855, p.302. (Rept. of County assessor)

1855: Tulare county (cattle other than American cows) In Calif. Surveyor Gen. Rept. 1855, p.316 (County assessor)

1855-56,1856-57,1857-58,1858-59,1855-56,1855-58,1852-55: state (Increase in number of cattle, work oxen and cows; increase or decrease in number and per cent of cattle excepting work-oxen and milch cows) In Calif. State Agr. Soc. Trans. 1859, p.345.

1857: counties (total number). In Calif. Surveyor Gen. Rept. 1857, table 3 following p.22 (Assessors' repts.)

1858: counties (total no. of cattle) In Calif. Surveyor Gen. Rept. 1858, following p. 32. (County assessors)


1859-1855 (annual),1852 state (total cattle including work oxen, cattle, excluding work oxen, other than calves and milk cows) In Calif. State Agr. Soc. Trans. 1859, p.345.
Number - Continued


1861: counties (total cattle) In Calif. Surveyor gen. Rept. 1861, table 2, following p.16. Number of cattle for Tehama Co. also p.45. (Assessors' repts.)

1862 (table headed 1861): state and county (total number) In Calif. Surveyor gen. Rept. 1862, p.66-67. Number for some counties also given elsewhere in this rept. (Assessors' repts.)


1864: counties (total number) In Calif. Surveyor gen. Rept. 1864, p.48-49 (Assessors' repts.)


1865: counties (total number) In Calif. Surveyor gen. Rept. 1865, p.136-137 (Assessors' repts.)

1866: state and county (total no. of cattle) In Calif. Surveyor gen. Rept. 1866/67, p.84-85; in Calif. state agr. soc. Trans. 1866 and 1867, p.562-563 (County assessors)

1870: state and county. In Calif. state agr. soc. Trans. 1871, p.368-369 (U. S. Census)

1872: certain counties (total no. of cattle) In Calif. state agr. soc. Trans. 1873, p.255,256,261,265; also in Calif. Surveyor gen. Biennial rept. 1871/73, p.35,86,91,95. Tehama Co. figure is said to be for 1873 (County assessors)

1875: state and county (horned cattle) In Calif. state agr. soc. Trans. 1876, p.104-105; in Calif. Surveyor gen. Biennial rept. 1875/77, p.32-33 (County assessors)

1876: state and county (horned cattle) In Calif. state agr. soc. Trans. 1876, p.126-127; in Calif. Surveyor gen. Biennial rept. 1875/77, p.54-55 (County assessors)

1877: state and county (horned cattle) In Calif. state agr. soc. Trans. 1878, p.352-353 (County assessors)


1880 (?): U. S.; individual states (workin; oxen, milch cows, other cattle total for U. S. ) In Calif. state agr. soc. Trans. 1882, p.203 (J. R. Dodge, Statistician)

1880 (table headed 1879-80): counties (horned cattle) In Calif. Surveyor gen. Rept. 1879/80, p.68-69 (County assessors)
1881 (table headed 1880-81): counties (horned cattle) In Calif. Surveyor gen. Biennial rept. 1880/82, p.67 (county assessors)
1883: state and county (cows and other cattle) In Calif. state agr. soc. Trans. 1883, p.208.
1893: Merced county (beef and stock cattle) In Calif. state agr. soc. Trans. 1893, p.335.
1900: state and county (other than cows; not including animals in barns and enclosures) In Calif. State bd. agr. Rept. 1912, p.44.
1904: counties (cattle; thoroughbred cattle) In Calif. state agr. soc. Rept. 1904, p.63,75,200,239,247,255,303 (county assessors)
1905: counties (beef, stock, thoroughbred) In Calif. state agr. soc. Rept. 1905 (see Contents under names of counties)
1906 (table headed 1905-06): counties (beef, stock, thoroughbred) In Calif. state agr. soc. Rept. 1906 (see Contents under names of counties)
1907 (table headed 1906-07): counties (beef, stock, thoroughbred) In Calif. state agr. soc. Rept. 1907 (see Contents under names of counties)
1908 (table headed 1907-08): counties (beef, stock, thoroughbred) In Calif. state agr. soc. Rept. 1908 (see Contents under names of counties)
1909 (table headed 1908-09): counties (beef, stock, thoroughbred) In Calif. state agr. soc. Rept. 1909 (see Contents under names of counties)
1910 (table headed 1909-10): counties (beef, stock, thoroughbred) In Calif. state agr. soc. Rept. 1910 (see Contents under names of counties)
Number - Continued

1918: counties (reported by assessors) in Calif. State Bd. Equalization Rept. 1917-1918, p.34.
1920(Jan. 1); 1910(Apr. 15): state (cattle on farms - total, excluding spring calves reported for 1910 - with increase or decrease in number and per cent over 1910) in Calif. State Bd. Agr. Statistical Rept. 1920, p.95.
1920(Jan. 1); 1910(Apr. 15): state (cattle not on farms, 1 year old and over on Jan. 1 of census year - with increase or decrease in number and per cent over 1910) in Calif. State Bd. Agr. Statistical Rept. 1920, p.95.
1926: state and county (purebred cattle reported by assessors) in Calif. State Bd. Equalization Rept. 1925-1926, p.32.
Number Grazed on National Forests

Number Slaughtered
1858: counties. In Calif. Surveyor gen. Rept. 1858, following p. 32. (County assessors)
1924-1926: state and county. (no. hogs, beef cattle; dairy cattle, total cattle slaughtered during 1924-1926 for foot and mouth disease) In Calif. Dept. agr. Special pub. 65, p. 54.

Shipments
1905: counties (shipped out of county) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
Shipments - Continued


1921: state and county (total no. shipped out of state) In Calif. Dept. Agr. Monthly bul. v. 9, Nov.-Dec. 1921, p. 725. (There is another table on p. 712-715 which gives total cattle shipped by counties and names of the "usual market," but the figures do not agree with those on p. 725.)


Value


1868-1861 (annual): state (value of exported products of the herd) In Calif. State Agr. Soc. Trans. 1868, p. 267 (Comp. from the Mercantile Gazette)


1905: counties (beef, stock, thoroughbred) In Calif. State Agr. Soc. Rept. 1905 (See Contents under names of counties)

1906 (tables headed 1905-06): counties (beef, stock, thoroughbred) In Calif. State Agr. Soc. Rept. 1906 (See Contents under names of counties)

1907 (tables headed 1906-07): counties (beef, stock, thoroughbred) In Calif. State Agr. Soc. Rept. 1907 (See Contents under names of counties)

1908 (tables headed 1907-08): counties (beef, stock, thoroughbred) In Calif. State Agr. Soc. Rept. 1908 (See Contents under names of counties)

Value - Continued

1910: state (on farms; not on farms; total) In Calif. State bd. agr. Repts. 1913-1918.
1910: state (with amount and per cent of increase over 1900) In Calif. State bd. agr. Rept. 1911, p.59; total value also given in its Rept. 1912, p.30.
1910 (tables headed 1909-10): counties (beef, stock, thoroughbred) In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)
1910: counties (on farms and ranges) In Calif. State bd. agr. Repts. 1911, 1914-1918. (U. S. Census)
1914: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1913-1914, p.68.
1918: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1917-1918, p.34.
1920: state (total cattle on farms) In Calif. State bd. agr. Statistical Rept. 1920, p.94.
1920: counties (on farms and ranges) In Calif. State bd. agr. Statistical Repts. 1920-1921. (U. S. Census)
1920: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1919-1920, p.29.
1922: counties (value of purebred cattle reported by assessors) In Calif. State bd. equalization. Rept. 1921-1922, p.31.
1924: counties (value of purebred cattle reported by assessors) In Calif. State bd. equalization. Rept. 1923-1924, p.31.
1926: state and counties (value of purebred cattle reported by assessors) In Calif. State bd. equalization. Rept. 1925-1926, p.32.

Value of Imports
Value of Imports - Continued


Value of Cattle Slaughtered


1858: counties. In Calif. Surveyor gen. Rept. 1858, following p.32. (County assessors)


Value of Shipments


Value per Head


1883: counties (average price per head of oxen and other cattle under 1 year, between 1 and 2 years old, between 2 and 3 years old, over 3 years old) in Calif. state agr. soc. Trans. 1883, p.229.


1920: state (total cattle on farms) in Calif. State bd. agr. Statistical rept. 1920, p.94.

CATTLE OTHER THAN MILK COWS

Number

1860,1850: state. In Calif. State bd. agr. Rept. 1911, p.34 (U. S. Census)

1900: state and county. In Calif. State bd. agr. Rept. 1912, p.44.


1912-1850(10 year periods): state (cattle other than cows and calves on farms) in Calif. State bd. agr. Repts. 1911-1919.


1913-1869(annual, Dec. 31): state (cattle other than milch cows on farms) in Calif. State bd. agr. Statistical rept. 1913, p.40. (Federal statistics)


1918-1879(annual, Dec. 31): state. In Calif. State bd. agr. Statistical rept. 1918, p.64 (Federal statistics)
CATTLE OTHER THAN MILK COWS - Continued

Number - Continued

1921 (Jan. 1): state (number on hand) in Farm management notes for Calif., p.19 (U.S.D.A.)
1922-1920 (annual): state and counties by districts (est. number on farms Jan. 1) in Calif. crop and livestock rept. Feb. 28, 1922.
1924 (Jan. 1): 8 districts; state total (est. no. of cattle other than dairy cattle) in Calif. crop and livestock rept. Sept. 25, 1924, p.2.
1924-1922 (annual): state and counties by districts (est. no. on farms Jan. 1) in Calif. Dept. agr. Special pub. 43, p.27. State figure also on p.26.
Number - Continued


Value


1918-1978 (annual): state (farm value) In Calif. State bd. agr. Statistical rept. 1918, p.64 (Federal statistics)


CATTLE OTHER THAN MILK COWS - Continued

Value - Continued

1925-1923 (annual): state (on farms, Jan. 1) In Calif. crop and livestock rept. Feb. 10, 1925.
1926,1925: state compared with U.S. (value on farms) In Calif. crop and livestock rept. Feb. 9, 1926.

Value per Head

1912-1869 (annual as of Jan. 1): state (average farm price) In Calif. State bd. agr. Rept. 1912, p.36. 1869-1911 figures also in Rept. 1911, p.47 (Federal statistics)
1913-1869 (annual as of Dec. 31): state (average farm price) In Calif. State bd. agr. Statistical rept. 1913, p.40 (Federal statistics)
1917-1877 (annual, Dec. 31): state (average farm price) In Calif. State bd. agr. Statistical rept. 1917, p.49 (Federal statistics)
1918-1878 (annual, Dec. 31): state (average farm price) In Calif. State bd. agr. Statistical rept. 1918, p.64 (Federal statistics)
Continued

Value per Head - Continued

1919-1880 (annual, Dec. 31): state (average farm price) In Calif. State bd. agr. Statistical rept. 1919, p. 52 (Federal statistics)
1921 (Jan. 1): state (average price per head) In Farm management notes for Calif. p. 19 (U.S.D.A.)
1921-1919 (annual): state (classified by ages; all ages) In Calif. State bd. agr. Statistical rept. 1921, p. 106.
1922-1920 (annual): state (price per head classified by age groups; all ages) In Calif. crop and livestock rept. Feb. 28, 1922.
1925-1923 (annual): state (price per head on farms, Jan. 1) In Calif. crop and livestock rept. Feb. 10, 1925.
1925, 1925: state compared with U.S. (price per head on farms Jan. 1) In Calif. crop and livestock rept. Feb. 9, 1926.
Value per Head - Continued


CATTLE AND CALVES

Number, Value and Average Value


BEef cattle

Cost of Production

1915/16, 1916/19 (or normal, high periods): state (operating costs of beef cattle industry - detailed data include market prices for land, costs of stocking, labor costs, feed costs, farm returns for product) In Farm management notes for Calif., p.105.


Data collected Oct. 15, 1923-Feb. 1, 1924: 32 ranches (actual cost per head; per lb. end of 1st year; 2nd year; 3d year; after 3d year) In Calif. Agr. exp. sta. Circ. 281, p.15 (Aver. amount of investment per head given on p.14)

Data collected Oct. 15, 1923-Feb. 1, 1924: 32 ranches (cost per head in dollars and percentages of each item for various items entering into cost of producing beef by age of cattle) In Calif. Agr. exp. sta. Circ. 281, p.15.


Cost of Production - Continued

Data collected Oct. 15, 1923-Feb. 1, 1924; 32 ranches (net cost per head and per pound at end of 1st year; end of 2d year; end of 3d year; three or older) In Calif. Agr. exp. sta. Circ. 281, p.6 (Based on cattlemen's estimates and data collected)


Number

1852: state. In Calif. State Bd. agr. Rept. 1911, p.34 (State census)
1852: Butte county (raised in county) In Calif. Surveyor gen. Rept. 1852, p.54 (Rept. of County assessor or surveyor)
1852: Yuba and Solano counties. In Calif. Surveyor gen. Rept. 1852, p.44-57 (Repts. of County assessor or surveyor)
1854(?): state and county (estimated) In Calif. Surveyor gen. Rept. 1854, p.78 (from "Times and Transcript," by Dr. John B. Trask)
1855: San Luis Obispo, Sierra, Sonoma counties. In Calif. Surveyor gen. Rept. 1855, p.300,306,310 and 311 (County assessors)
1855: Sacramento county (includes oxen) In Calif. Surveyor gen. Rept. 1855, p.289 (County assessor)
1856: Siskiyou county (includes oxen) In Calif. Surveyor gen. Rept. 1856, following p.30 (County assessor)
1858: counties. In Calif. Surveyor gen. Rept. 1858, following p.32. (County assessors)
1859: counties. In Calif. Surveyor gen. Rept. 1859, table 3, following p.30 (Number also given for some counties elsewhere in this report) (Assessors' repts.)
1862 (table headed 1861): state and county. In Calif. Surveyor gen. Rept. 1862, p.64-65 (Number for some counties also given elsewhere in this report) (Assessors' repts.)


1869: (table headed 1869-70): state and county. In Calif. state agr. soc. Trans. 1870, p.186-187 (County assessors)


1870: (table headed 1870-71): state and county. In Calif. state agr. soc. Trans. 1871, p.396-397 (County assessors)

1871: (table headed 1872): state. In Calif. state agr. soc. Trans. 1872, p.384 (County assessors)


1872: certain counties. In Calif. state agr. soc. Trans. 1873, p.255,258,261,265; in Calif. Surveyor gen. Bien. rept. 1871/73, p.35,38,91,95 (Tehama county figure is said to be for 1873) (County assessors)


1880: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.82,83.

1882: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.70-71.
1889: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1888 and 1889, p.55.
1884: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.81.
1886: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p.58.
1887: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.57.
1888: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.77.
1889: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.58.
1890: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.39.
1891: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.39.
1892: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.67.
1893: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.51.
1893: state and county. In Calif. state agr. soc. Trans. 1893, p.154-155 (County assessors)
1894: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.81.
1895: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.20.
1896: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.63.
1897: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.21.
1898: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.63.
1901: Stanislaus county. In Calif. state agr. soc. Trans. 1901, p.436 (County assessor)
1904: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1903-1904, p.36.
1904: counties. In Calif. state agr. soc. Rept. 1904 (See Contents under names of counties.)
BEEF CATTLE - Continued

Number - Continued

1909: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p.75.
1910: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1909-1910, p.76.

1920: state (total beef cattle on farms; not on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94,95.

Number Slaughtered

1924-1926: state (no. of animals, 1924; no. slaughtered during 1924-1926 for foot and mouth disease with per cent slaughtered) In Calif. Dept. agr. Special pub. 65, p.54.

Price Per Cwt.


Production

1877-: Sonoma county (est. annual production) In Calif. state agr. soc. Trans. 1874, p.415 (R. A. Thompson)

Shipments (Quantity and Value)

1907(table headed 1906-07): Kern county. In Calif. state agr. soc. Rept. 1907, p.87 (Total and average values are given also)
1908(table headed 1907-08): Kern county (out of county) estimated. In Calif. state agr. soc. Rept. 1908, p.84 (Average value given, also)
1917-1919,1914,1912-1911,1907-1904,1902-1900 (annual): shipped from the Port of Eureka (number and pounds) In Calif. Bd. harbor commissioners for the Port of Eureka. Official reports ... 1917-16, 1914,1912-1911,1907-1904,1902-1900 (Each rept. gives data for one year only)
Value

1873: Sonoma county (est. value of beef cattle produced in a year) In Calif. state agr. soc. Trans. 1873, p.415 (R. A. Thompson)
1876,1877: state and county (assessed) In Calif. State bd. equalization. Bion. rept. 1876-77, p.24-25,44-45.
1877,1878: state and county (assessed) In Calif. State bd. equalization. Bion rept. 1877-78, p.24-25,44-45.
1880: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.62,63.
1882: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.70-71.
1883: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.55.
1884: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.61.
1886: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p.58.
1887: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.57.
1888: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1888 and 1889, p.39.
1890: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.58.
1891: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.39.
1892: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.67.
1893: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.51.
1893: state. In Calif. state agr. soc. Trans. 1893, p.154-155. (County assessors)
1894: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.61.
1895: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.20.
1896: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.63.
1897: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.21.
Value - Continued

1898: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.63.
1901: Stanislaus county. In Calif. state agr. soc. Trans. 1901, p.486 (County assessors)
1902: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1899-1902, p.59.
1904: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1903-1904, p.36.
1904: counties. In Calif. state agr. soc. Rept. 1904 (See Contents under names of counties) (County assessors)
1908: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p.75.
1910: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1909-1910, p.76.
1920: state (total beef cattle on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.

Value per Head

1852: state (estimated) In Calif. census of 1852, p.8.
1852: Los Angeles county (price per head) In Calif. census of 1852, p.20.
1880: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.52, 83.
1883: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.55.
1884: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.81.
1920: state (total beef cattle on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.

DAIRY CATTLE

Number

DAIRY CATTLE - Continued

Number - Continued
1920: state (on farms; not on farms; total) In Calif. State bd. agr. Statistical rept. 1920, p.94,95.
1920: counties (on farms) In Calif. State bd. agr. Statistical repts. 1920-1921 (U. S. Census)
1921: Pacific Coast states; total (dairy purebreds by name of breeds; total) In Calif. State bd. agr. Statistical rept. 1921, p.106.
1924(Jan. 1): 8 districts; state total (est. no. of dairy cattle) In Calif. crop and livestock rept. Sept. 25, 1924, p.2.

Shipments:

Value
1920: state and county (on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p.96-106. State figure also given on p.94.

Value: Per Head
1920: state (on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.

HEAT CATTLE

Number
Number - Continued


STOCK CATTLE

Number

1855: Alameda county. In Calif. Surveyor gen. Rept. 1855, p.263. (County assessors)


1858: counties. In Calif. Surveyor gen. Rept. 1858, following p.32. (County assessors)


1864: Monterey county (half breed, Spanish) In Calif. Surveyor gen. Rept. 1864, p.74 (Assessors' repts.)
Number - Continued


1880: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1870, p.34-35.

1882: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.72-73.

1883: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.56.

1884: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.32.


1886: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p.52.

1887: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.57.

1888: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.77.

1889: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.39.

1890: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.58.

1891: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.39.

1892: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.37.


1893: Tehama, Orange counties. In Calif. state agr. soc. Trans. 1893, p.319, 323. (Dist. agr. assoc. rept.)

1894: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.51.

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<td>Rept. 1895 and 1896, p.20.</td>
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<td>state and county (reported by assessors) In Calif. State bd. equalization.</td>
<td>Rept. 1895 and 1896, p.63.</td>
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<td>state and county (reported by assessors) In Calif. State bd. equalization.</td>
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<td>1901</td>
<td>Stanislaus county. In Calif. state agr. soc. Trans. 1901, p.436 (County assessor)</td>
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<td>state and county (reported by assessors) In Calif. State bd. equalization.</td>
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<td>1904</td>
<td>counties. In Calif. state agr. soc. Rept. 1904 (See Contents under names of counties)(County assessors)</td>
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<td>state and county (reported by assessors) In Calif. State bd. equalization.</td>
<td>Rept. 1905-1906, p.59.</td>
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<td>1908</td>
<td>state and county (reported by assessors) In Calif. State bd. equalization.</td>
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<td>counties (reported by assessors) In Calif. State bd. equalization. Rept.</td>
<td>1921-1922, p.31.</td>
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<td>1923-1924, p.31.</td>
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<td>1926</td>
<td>state and county (reported by assessors) In Calif. State bd. equalization.</td>
<td>Rept. 1925-1926, p.32.</td>
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### Value

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<td>1875</td>
<td>state and county (assessed value) In Calif. State bd. equalization. Rept.</td>
<td>1874-75, p.28-29,56-57.</td>
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<td>1880</td>
<td>state and county (reported by assessors) In Calif. State bd. equalization.</td>
<td>Rept. 1880, p.84-85.</td>
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<td>1882</td>
<td>state and county (reported by assessors) In Calif. State bd. equalization.</td>
<td>Rept. 1881 and 1882, p.72-73.</td>
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<td>1883</td>
<td>state and county (reported by assessors) In Calif. State bd. equalization.</td>
<td>Rept. 1883 and 1884, p.56.</td>
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<td>1884</td>
<td>state and county (reported by assessors) In Calif. State bd. equalization.</td>
<td>Rept. 1883 and 1884, p.82.</td>
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Value - Continued

1886: state and county (reported by assessors) equalization. Rept. 1885 and 1886, p.58. In Calif. State bd.
1887: state and county (reported by assessors) equalization. Rept. 1887 and 1888, p.57. In Calif. State bd.
1888: state and county (reported by assessors) equalization. Rept. 1887 and 1888, p.77. In Calif. State bd.
1890: state and county (reported by assessors) equalization. Rept. 1889 and 1890, p.58. In Calif. State bd.
1892: state and county (reported by assessors) equalization. Rept. 1891 and 1892, p.57. In Calif. State bd.
1893: state and county (reported by assessors) equalization. Rept. 1893 and 1894, p.51; in Calif. state agr. soc. Trans. 1893, p.154,155.
1898: state and county (reported by assessors) equalization. Rept. 1897 and 1898, p.63. In Calif. State bd.
1901: Stanislaus county. In Calif. state agr. soc. Trans. 1901, p. 436 (County assessors)
1904: state and county (reported by assessors) equalization. Rept. 1903-1904, p.36. In Calif. State bd.
1904: counties. In Calif. state agr. soc. Rept. 1904. See Contents under names of counties. (County assessors)
1908: state and county (reported by assessors) equalization. Rept. 1907-1908, p.75. In Calif. State bd.
1926: state and county (reported by assessors) equalization. Rept. 1925-1926, p.32.
Value per Head

1860: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.82.

1862: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.72.

1883: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.56.

1884: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.62.


WORK CATTLE

Number

1855: Alameda county (yoke) In Calif. Surveyor gen. Rept. 1855, p.233 (County assessor)

1924 (Jan. 1): 8 districts; state total (est. no. work stock on farms; in cities) In Calif. crop and livestock rept. Sept. 25, 1924, p.2.

BULLS

Number


1870 (table headed 1870-71): state and county. In Calif. state agr. soc. Trans. 1871, p.395. (County assessors)


1895: Tehama county. In Calif. state agr. soc. Trans. 1895, p.319. (30th Dist. agr. assoc. rept.)

1894: Tehama county (thoroughbred bulls) In Calif. state agr. soc. Trans. 1894, p.346. (30th Dist. agr. assoc. rept.)

1900 (June 4): state (on farms; not on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bulletin. Apr. 29, 1902)

1907 (table headed 1905-07): Tehama county (thoroughbred, common bulls) In Calif. state agr. soc. Rept. 1907, p.196.


1920: state and county (beef bulls, dairy bulls - 1 year old and over - on farms) In Calif. State bd. agr. Statistical rept. 1920, p.96-106. State figure also given on p.34.
Receipts

Shipments

Value
1900 (June 1): state (on farms) In Calif. state agr. soc. Trans. 1901, p. 142 (U. S. Census Bulletin, Apr. 29, 1902)
1920: state (beef bulls, dairy bulls - 1 yr. old and over - on farms) In Calif. State bd. agr. Statistical rept. 1920, p. 94.

Value per Head
1900 (June 1): state (on farms) In Calif. state agr. soc. Trans. 1901, p. 142 (U. S. Census Bulletin, Apr. 29, 1902)
1920: state (beef bulls, dairy bulls - 1 yr. old and over - on farms) In Calif. State bd. agr. Statistical rept. 1920, p. 94.

Bulls and Cows

Number and Value
1904: counties (thoroughbred bulls and cows reported by assessors) In Calif. State bd. equalization. Rept. 1903-1904, p. 36.
1908: state and county (thoroughbred bulls and cows reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p. 59.
1910: state and county (thoroughbred bulls and cows reported by assessors) In Calif. State bd. equalization. Rept. 1909-1910, p. 76.

Bulls and Stags

Number Slaughtered
**HULLS AND STAGS - Continued**

**Numbered Slaughtered - Continued**


**Shipments**


1922 (to Nov.): intrastate; from the state; into the state. In Calif. Dept. agr. Monthly bul. v. 11, Nov.-Dec. 1922, p. 964.

**CATTLE**

**Freight Discharged and Loaded**

1910, 1909 (years, ended June 30): Over state wharves of San Francisco (calves and colts shipped by other than R. R. ferry boats - discharged; loaded; total; discharged and loaded by R. R. ferry boats and cars; grand total). In Calif. Bd. state harbor commissioners. Bien. rept. 1909-10, p. 96, 96.

**Freight Rates**


**Number**


1858: counties. In Calif. Surveyor gen. Rept. 1858, following p. 32. (County assessors)


Number - Continued


1869(table headed 1869-70); state and county. In Calif. state agr. soc. Trans. 1870, p.186-187 (County assessors)

1870(table headed 1870-71); state and county. In Calif. state agr. soc. Trans. 1871, p.396-7 (County assessors)

1870; state and county. In Calif. Surveyor gen. Statistical repts. 1869, p.20-21; also in Rept. 1869/71, p.26-27 (County assessors)

1871(table headed 1872); state. In Calif. state agr. soc. Trans. 1872, p.334 (County assessors)


1872; certain counties. In Calif. state agr. soc. Trans. 1873, p.255,256,261,265; in Calif. Surveyor gen. Bien. repts. 1871/73, p.56,57,91,95. Tuolumne Co. figure is said to be for 1873. (County assessors)


1875,1874; state and county (returned for assessment) In Calif. State bd. equalization. Rept. 1874-75, p.28-29,56-57.

1877,1876; state and county (assessed) In Calif. State bd. equalization. Bien. repts. 1876-77, p.22-23,42-43.

Number - Continued

1880: state and county (reported by assessors) equalization. Rept. 1880, p.86,87.
1882: state and county (reported by assessors) equalization. Rept. 1881 and 1882, p.74-75.
1883: state and county (reported by assessors) equalization. Rept. 1883 and 1884, p.58.
1884: state and county (reported by assessors) equalization. Rept. 1883 and 1884, p.94.
1886: state and county (reported by assessors) equalization. Rept. 1886 and 1886, p.59.
1887: state and county (reported by assessors) equalization. Rept. 1887 and 1887, p.57.
1889: state and county (reported by assessors) equalization. Rept. 1889 and 1889, p.77.
1890: state and county (reported by assessors) equalization. Rept. 1890 and 1890, p.39.
1891: state and county (reported by assessors) equalization. Rept. 1891 and 1892, p.39.
1892: state and county (reported by assessors) equalization. Rept. 1892 and 1892, p.67.
1893: state and county (reported by assessors) equalization. Rept. 1893 and 1894, p.51.
1893: state and county. In Calif. state agr. soc. Trans. 1893, p.154-155 (County assessors)
1894: state and county (reported by assessors) equalization. Rept. 1893 and 1894, p.81.
1894: San Diego county (common calves); Tehama county (thoroughbred calves) In Calif. state agr. soc. Trans. 1894, p.307,343.
1895: state and county (reported by assessors) equalization. Rept. 1895 and 1896, p.22.
1896: state and county (reported by assessors) equalization. Rept. 1895 and 1896, p.65.
1897: state and county (reported by assessors) equalization. Rept. 1897 and 1898, p.23.
1898: state and county (reported by assessors) equalization. Rept. 1897 and 1898, p.55.
1900(June 1): state (on farms; not on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bul. Apr. 29, 1902)
1901: Stanislaus county. In Calif. state agr. soc. Trans. 1901, p.436 (County assessor)
1902: state and county (reported by assessors) equalization. Rept. 1899-1902, p.60.
Number - Continued

1904: counties. In Calif. state agr. soc. Rept. 1904 (See Contents under names of counties) (County assessors)
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906 (Tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1906: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1905-1906, p.60.
1907 (Tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1908 (Tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1908: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p.76.
1909 (Tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)
1910 (Tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)
1910: counties (on farms and ranges) In Calif. State bd. agr. Repts. 1911,1914-1918 (U. S. Census)
1918: Alameda, Mariposa counties (reported by assessors) In Calif. State bd. equalization. Rept. 1917-1918, p.34, footnote.
1920: state and county (beef calves, dairy calves, on farms and ranges, under 1 year of age) In Calif. State bd. agr. Statistical rept. 1920, p.96-100. State figure also given on p.94.
1920 (Jan.1), 1910 (Apr.15): state (calves on farms under 1 year old on Jan. 1 of census year; with increase or decrease in number and per cent over 1910) In Calif. State bd. agr. Statistical rept. 1920, p.95.

Number Slaughtered

1869: Sierra county. (lbs. also given) In Calif. Surveyor gen. Rept. 1869, p.35 (Assessor's rept.)
### Price Per Cwt.

1921: 5 districts - returns from 150 correspondents shown by districts (price on ranch Nov. 1, live weight) In Calif. crop and livestock rept. Nov. 10, 1921.


1922: 5 districts (price on ranch the 1st of each month - excluding July - live weight). In Calif. crop and livestock repts. Jan. 6, Feb. 6, Mar. 7, Apr. 4, May 10, June 9, Aug. 9, Sept. 11, Oct. 10, Nov. 9, Dec. 7, 1922.


1925: 5 districts (price on ranch the 1st of each month from Jan.-April, live weight) In Calif. crop and livestock rept. Jan. 9, Feb. 10, Mar. 10, April 10, 1925.

### Receipts


### Shipments


(number and lbs.) In Calif. Bd. harbor commissioners for the Port of Eureka. Official reports ... 1916,1914-1904,1902-1900. (Each report gives data for one year only)


### Value


(Assessor's rept.)
Value - Continued

1875, 1874: state and county (assessed value) In Calif. State bd. equalization. Rept. 1874-75, p.28-29, 56-57.
1880: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.35, 37.
1882: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.74-75.
1883: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.58.
1884: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.58.
1885: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p.58.
1887: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.57.
1888: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.77.
1889: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.39.
1890: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.58.
1891: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.39.
1892: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.67.
1894: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.51.
1895: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.22.
1896: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.65.
1897: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.23.
1898: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.65.
CALVES - Continued

Value - Continued


Value - Continued
1911, 1910 (years ended Sept. 30): state (value of calves produced on dairies) In Calif. State dairy bur. 9th Bim. rept. 1911-1912, p. 36.
1913, 1912: state (produced on dairies) In Calif. State bd. agr. Statistical rept. 1913, p. 50.
1918: Alameda, Mariposa counties (reported by assessors) In Calif. State bd. equalization. Rept. 1917-1918, p. 34, footnote.
1920: state (beef calves, dairy calves - under 1 year of age - on farms) In Calif. State bd. agr. Statistical rept. 1920, p. 94.

Value of Calves Slaughtered

Value of Shipments

Value Per Head
1680: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1880, p. 86-87.
1882: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p. 74-75.
CALVES - Continued

Value Per Head - Continued

1833: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1833 and 1834, p.55.

1834: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1833 and 1834, p.84.

1900 (June 1): state (on farms) In Calif. State agr. soc. Trans. 1901, p.142 (U. S. Census Bul. Apr. 29, 1908)


1920: state (beef calves; dairy calves - under 1 year of age - on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.

COWS

Cost of Keeping Cows

Total average cost, and itemized costs of keeping a cow yielding 150 pounds of butter fat per year; one yielding 300 lbs. of butter fat; income from each cow and gain or loss also given.

In Calif. State dairy bur. 10th Bien. rept. 1913-1914, p.16-17.

Imports


Number

1852: state. In Calif. State bd. agr. Rept. 1911, p.34 (State census)

1852: state and county. In Calif. Census of 1852, p.13-56 (Counties), 53 (State)(Santa Barbara Co. indicates tame cows; wild cows)

1852: Butte county (raised in county); Yuba and Solano counties (milch cows specified for Solano county) In Calif. Surveyor gen. Rept. 1852, p.44,54,57. (Rept. of county assessors or surveyors)

1854: Humboldt county (milch cows) In Calif. Surveyor gen. Rept. 1854, p.65 (County assessor)

1855: counties. In Calif. Surveyor gen. Rept. 1855, following p.50. Total for all counties p.51 (Assessors' repts.)

1855: counties (some reports give "cows," others "milch cows") In Calif. Surveyor gen. Rept. 1855, p.263-316. Los Angeles Co. specifies American milch cows, p.274, also no. of Calif. milch cows with calves (p.274) Santa Cruz Co. shows no. of Amer. cows and no. of Calif. cows (p.302) Sonoma Co. reports American cattle, milch cows; dry cows (p.310,311) Tulare Co. - American cows (p.315) (County assessors)
1855: Plumas county (includes oxen) In Calif. Surveyor gen. Rept. 1855, p.237 (Rept. of county assessor)
1855-56; 1856-57; 1857-58; 1858-59; 1861-62; 1855-58; 1852-58: state (increase or decrease number and per cent of milk cows) In Calif. state agr. soc. Trans. 1859, p.345.
1856: counties. In Calif. Surveyor gen. Rept. 1856, following p.36. State total p.31 (County assessors)
1858: counties. In Calif. Surveyor gen. Rept. 1858, following p.32. (County assessors)
1859-1865 (annual); 1862: state. In Calif. state agr. soc. Trans. 1859, p.34.
1860, 1860: state (milk cows) In Calif. State bd. agr. Rept. 1911, p.34 (U.S. Census)
1862: table headed 1861; state and county. In Calif. Surveyor gen. Rept. 1862, p.64-65. Number of some counties also given elsewhere in this report. (Assessors' repts.)
1869: (table headed 1869-70): state and county. In Calif. state agr. soc. Trans. 1870, p.186-187 (County assessors)
1870: state and county. In Calif. state agr. soc. Trans. 1871, p.369-369 (U.S. Census)
Number - Continued

1884: state and county (milch cows). In Calif. statc agr. soc.
Trans. 1884, p.209.
1884: state and county (number of thoroughbred, American, graded

cows reported by assessors) In Calif. State bd. equalization.
Rept. 1883 and 1884, p.82-83.
1886: state and county (number of thoroughbred, American, graded,

Spanish cows reported by assessors) In Calif. State bd. equal-

ization. Rept. 1885 and 1886, p.50-60.
1887: state and county (number of thoroughbred, American, graded,

common cows reported by assessors) In Calif. State bd. equal-

ization. Rept. 1887 and 1888, p.58-59 (Number of common cows

given for Mendocino county only)
1888: state and county (number of thoroughbred, American, graded,

common cows reported by assessors) In Calif. State bd. equal-

ization. Rept. 1887 and 1888, p.78-79.
1889: state and county (number of thoroughbred, American, graded,

common cows reported by assessors) In Calif. State bd. equal-

ization. Rept. 1890 and 1891, p.40-41.
1890: state and county (number of thoroughbred, American, graded,

common cows reported by assessors) In Calif. State bd. equal-

ization. Rept. 1890 and 1891, p.55-60.
1891: state and county (number of thoroughbred, American, graded,

common cows reported by assessors) In Calif. State bd. equal-

1892: state and county (number of thoroughbred, American, graded,

common cows reported by assessors) In Calif. State bd. equal-

1893: state and county (number of thoroughbred, American, graded,

common cows reported by assessors) In Calif. State bd. equal-

ization. Rept. 1893 and 1894, p.52-53. (number of common cows

given for state and Calaveras, Madera and Shasta counties only)
1893, p.361.
1893: Tehama county (thoroughbred American cows) In Calif. state

1894: state and county (number of thoroughbred, American, graded,

common cows reported by assessors) In Calif. State bd. equal-

ization. Rept. 1893 and 1894, p.82-83. (number of common cows

given for Calaveras, Lassen and Shasta counties only)
1894: San Diego county (thoroughbred, American, halfbreed, Spanish)

1894: Tehama county (thoroughbred, American) In Calif. state agr.

soc. Trans. 1894, p.348.
1895: state and county (thoroughbred, American, graded, common cows

reported by assessors) In Calif. State bd. equalization. Rept.
1895 and 1896, p.20-21.
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<td>1896</td>
<td>state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.63-65.</td>
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<td>1897</td>
<td>state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.21-22.</td>
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<td>1898</td>
<td>state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.63-64.</td>
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<td>1900</td>
<td>(June 1): state (cows kept for milk and not kept for milk - on farms, not on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bul. Apr. 22, 1902)</td>
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<td>1900</td>
<td>state and county. In Calif. State bd. agr. Rept. 1912, p.44. (not including animals in barns and enclosures)</td>
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<td>1901</td>
<td>Stanislaus county. In Calif. state agr. soc. Trans. 1901, p.436 (County assessor)</td>
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<td>1902</td>
<td>state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1899-1902, p.59-60.</td>
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<td>1904</td>
<td>counties (American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1903-1904, p.37.</td>
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<td>1904</td>
<td>counties (sometimes listed as cows, and sometimes classified as American, graded, common) In Calif. state agr. soc. Rept. 1904 (See Contents under names of counties)</td>
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<td>1905</td>
<td>counties (dairy cows - graded, Guernsey, etc.) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)</td>
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<td>1906</td>
<td>(Tables headed 1905-06): counties (dairy cows - graded, Guernsey, etc.) In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)</td>
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<td>1906</td>
<td>state and county (American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1905-1906, p.60.</td>
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<td>1907</td>
<td>(Tables headed 1906-07): counties (dairy cows - graded, Guernsey, etc.) In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)</td>
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<td>1908</td>
<td>state and county (American graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p.76.</td>
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<td>1909</td>
<td>(Tables headed 1907-08): counties (dairy cows - graded, Guernsey, etc.) In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)</td>
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<td>1909</td>
<td>(Tables headed 1908-09): counties (dairy cows - graded, Guernsey, etc.) In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)</td>
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<td>1910</td>
<td>(April): state (on farms April, 1910; on farms reporting dairy product, 1909; on farms reporting milk produced, 1909) in Calif. State bd. agr. Repts. 1912-1916 (U. S. Census)</td>
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<td>1910</td>
<td>State and county (American, graded, common cows reported by assessors) in Calif. State bd. equalization. Rept. 1909-1910, p. 77.</td>
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<td>1910</td>
<td>State and county (dairy cows on farms and ranges; other than dairy cows on farms and ranges) in Calif. State bd. agr. Repts. 1912-1918.</td>
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<tr>
<td>1910</td>
<td>Counties (dairy cows; other than dairy cows on farms and ranges) in Calif. State bd. agr. Repts. 1911-1914-1918 (U. S. Census)</td>
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<td>1910</td>
<td>(Tables headed 1909-10): counties (dairy cows - Guernsey, etc.) in Calif. state agr. sec. Rept. 1910 (See Contents under names of counties)</td>
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<td>1917-1917</td>
<td>Annual, as of Dec. 31): state (milch cows on farms) in Calif. State bd. agr. Statistical rept. 1917, p. 49 (Federal statistics)</td>
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<td>1918-1918</td>
<td>Annual, as of Dec. 31): state (milch cows on farms) in Calif. State bd. agr. Statistical rept. 1918, p. 68 (Federal statistics)</td>
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<td>1919-1920</td>
<td>Annual, as of Dec. 31): state (milch cows on farms) in Calif. State bd. agr. Statistical rept. 1919, p. 51 (Federal statistics)</td>
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<tr>
<td>1920</td>
<td>State (dairy cows on farms; not on farms; total) in Calif. State bd. agr. Statistical rept. 1920, p. 95.</td>
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Number - Continued

1920: State and county (beef cows and heifers, dairy cows and heifers - 2 years old and over, on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p.94,96-106.
1920(Jun. 1); 1910(Apr. 15): state (cows and heifers 1 year old and over on farms, Jan. 1 of census year; with increase or decrease in number and per cent over 1910) In Calif. State bd. agr. Statistical rept. 1920, p.95.
1921(Jun. 1): state (number milk cows on hand) In Farm management notes for Calif., p.19 (U.S.D.A.)
1922: Counties (dairy cows reported by assessors) In Calif. State bd. equalization rept. 1921-1922, p.31.
1922-1925(annual): state and counties by districts (est. no. milk cows on farms Jan. 1) In Calif. crop and livestock rept. Feb. 28, 1922.
1924: Counties (dairy cows reported by assessors) In Calif. State bd. equalization. Rept. 1923-1924, p.31.
1924-1922(annual): state and counties by districts (est. no. milk cows, including heifers over 18 mos. on farms Jan. 1) In Calif. Dept. agr. Special pub. 43, p.27.
1925, 1920, 1910, 1900, 1890, 1880: state (no. dairy cows and relative no. (1880-100)) In Calif. agr. exp. sta.Bul. 418, p.17 (U.S. Census and 1925 census of agr.)
Extraordinary - Continued


1926: state and county (dairy cows reported by assessors) In Calif. State bd. equalization. Dept., 1925-1926, p. 32.


Number Slaughtereed

Numbered Slaughtered - Continued


1924-1926: state (no. slaughtered for foot and mouth disease with per cent slaughtered) In Calif. Dept. agr. Special pub. 65, p. 54.

Price

See also Value Per Head

Price Per Cwt.

1921: 5 districts - returns from 150 correspondents shown by districts. (Price on ranch Nov. 1, live weight) In Calif. crop and livestock rept. Nov. 10, 1921.

1922: 5 districts (price of cows on ranch the 1st of each month - excluding July - live weight) In Calif. crop and livestock rept. Jan. 6, Feb. 6, Mar. 7, Apr. 4, May 10, June 9, Aug. 9, Sept. 11, Oct. 10, Nov. 9, Dec. 7, 1922.

1923: 5 districts (price of cows on ranch the 1st of each month, live weight) In Calif. crop and livestock rept. Jan. 6, Feb. 6, Mar. 7, April 9, May 8, June 9, July 9, Aug. 8, Sept. 10, Oct. 10, Nov. 9, Dec. 1, 1923.


1925: 5 districts (price of cows on ranch the 1st of each month from Jan.-April, live weight) In Calif. crop and livestock rept. Jan. 9, Feb. 10, Mar. 10, April 10, 1925.

Shipments


1922 (to Nov.): intrastate; from the state; into the state. In Calif. Dept. agr. Monthly bul. v. 11, Nov.-Dec. 1922, p. 964.

Value


Value - Continued


1880: state and county (thoroughbred, American, graded cows reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.84-86.

1882: state and county (thoroughbred, American, graded cows reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.72-75.

1883: state and county (thoroughbred, American, graded, Spanish cows reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.56-59.

1884: state and county (thoroughbred, American, graded cows reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.82-83.

1886: state and county (thoroughbred, American, graded, Spanish cows reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p.59-60.

1887: state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.58-59 (value of common cows given for Mendocino county only)

1888: state and county (thoroughbred, American, graded, common cows reported by assessor) In Calif. State bd. equalization. Rept. 1887 and 1888, p.78-79.

1889: state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.40-41.

1890: state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1890 and 1891, p.59-60.

1891: state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.40-41.

1892: state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.68-69.

1893: state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.52-53. (Value of common cows given for state and Calaveras, Modoc and Shasta counties only)
Value - Continued

1894: state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.82-83.

1895: state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.20-21.

1896: state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.83-84.

1897: state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.21-22.

1898: state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.63-64.

1900(June 1): state (cows kept for milk, cows and heifers not kept for milk, on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bul. Apr. 29, 1902)

1901: Stanislaus county. In Calif. state agr. soc. Trans. 1901, p.436 (County assessor)

1902: state and county (thoroughbred, American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1899-1902, p.59-60.


1904: counties (sometimes listed as cows, sometimes classified as Amer., graded, common) In Calif. state agr. soc. Rept. 1904. (See Contents under names of counties)

1905: counties (dairy cows - graded, Guernsey, etc.) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)

1906: state and county (American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1905-1906, p.60.

1906(tables headed 1905-06): counties (dairy cows - graded, Guernsey, etc.) In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)

1907(tables headed 1906-07): counties (dairy cows - graded, Guernsey, etc.) In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)

1908: state and county (American, graded, common cows reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p.76.

1908(tables headed 1907-08): counties (dairy cows - graded, Guernsey, etc.) In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
Value - Continued

1921 (tables headed 1903-09): counties (dairy cows - graded, Guernsey, etc.) in Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)


1910: state (dairy cows - total; on farms; not on farms) in Calif. State bd. agr. Repts. 1912-1918.


1910 (tables headed 1909-10): counties (dairy cows - graded, Guernsey, etc.) in Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)


1918-1978 (annual, Dec. 31): state (farm value of milch cows) in Calif. State bd. agr. Statistical rept. 1918, p.67 (Federal statistics)


1920: state (beef cows and heifers, dairy cows and heifers - 2 years old and over on farms) in Calif. State bd. agr. Statistical rept. 1920, p.34.


1922: counties (dairy cows reported by assessors) in Calif. State bd. equalization. Rept. 1921-1922, p.31.


1924: counties (dairy cows reported by assessors) in Calif. State bd. equalization. Rept. 1923-1924, p.31.


1926: state and county (dairy cows reported by assessors) in Calif. State bd. equalization. Rept. 1925-1926, p.32.


1926,1925: state compared with U.S. (milk cows (2 years old and over) on farms) in Calif. crop and livestock rept. Pub. 31, 1926.


Value of Shipment

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1852: state (est.) In Calif. census of 1852, p. 6.
1884: counties (milk cows - aver. price per head) In Calif. state agr. soc. Trans. 1884, p. 209.
1884: counties (thoroughbred, American, graded cows reported by assessors) In Calif. State bd. equalization. Rpt. 1883 and 1884, p. 82-83.
1900 (June 1): state (cows kept for milk, cows and heifers not kept for milk - on farms) In Calif. state agr. soc. Trans. 1901, p. 142 (U. S. Census Bul. Apr. 29, 1902)
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1917-1877 (annual, as of Dec. 31): state (average farm price of
(Federal statistics)

1918-1878 (annual, as of Dec. 31): state (average farm price of
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1919-1980 (annual as of Dec. 31): state (average farm price of
milk cows) In Calif. State bd. agr. Statistical rept. 1919, p.51
(Federal statistics)

1920: state (beef cows and heifers, dairy cows and heifers - 2
years old and over on farms) In Calif. State bd. agr. Statistical
rept. 1920, p.34.

1920-1916 (annual): state; U.S. (est. price per head Jan. 1 of

1921 (Jan. 1): state (milk cows - average price per head) In Farm
management notes for Calif., p.19 (U.S.D.A.)

1921 (Sept. 15): Individual states of U.S.; U.S. (est. farm value of

1921-1917 (annual): state; U.S. (est. price per head Jan. 1 of milk
milk cows) In Calif. crop and livestock rept. Feb. 3, 1921.

1921-1919 (annual): state (milk cows) In Calif. State bd. agr. Sta-
tistical rept. 1921, p.106.


1922-1920 (annual): state (price per head of milk cows) In Calif.
crop and livestock rept. Feb. 28, 1922.

1923-1921 (annual): state (price per head of milk cows Jan. 1) In

1924-1922 (annual): state (aver. value Jan. 1 of milk cows, including
heifers over 18 mos.) In Calif. Dept. agr. Special pub. 43, p.

1925-1923 (annual): state (price per head of milk cows on farms Jan.
1) In Calif. crop and livestock rept. Feb. 10, 1925.

1925-1923 (annual): state (aver. value Jan. 1 of milk cows including
heifers for milk over 18 mos.) In Calif. Dept. agr. Special pub.
55, p.31; in Calif. Dept. agr. Monthly bul. v.13, July-Dec. 1924,
p.264.

1926-1920 (annual): state; U.S. (est. value per head milk cows (2 yrs.
old and over) on farms Jan. 1) In Calif. Dept. agr. Special pub.
p.325.

1926, 1925: state compared with U.S. (price per head Jan. 1 of milk
cows (2 yrs. old and over) on farms) In Calif. crop and live-
stock rept. Feb. 9, 1926.

1926, 1925: state (aver. value Jan. 1, milk cows) In Calif. Dept.
agr. Special pub. 63, p.46; also in Calif. Dept. agr. Monthly
bul. v.14, July-Dec. 1925, p.322 (Census of Agr.)

[Note: The text includes additional information on the value of livestock, including beef cows, dairy cows, and heifers, as well as milk production and management notes for California.]
Value Per Head - Continued


COWS AND CALVES

Number


HEIFERS

Number

1900 (June 1): state (on farms, not on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census bul. Apr. 29, 1901)


1910: counties (yearlings on farms and ranges) In Calif. State bul. agr. Repts. 1911, 1914-1918 (U. S. Census)

### HELPERS - Continued

**Value**

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<th>Year</th>
<th>Description</th>
<th>Source</th>
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<tr>
<td>1852</td>
<td>Butte (work oxen raised in county) Yuba and Solano counties (work oxen designated for Yuba county)</td>
<td>Calif. Surveyor gen. Rept. 1852, p.44,54,57. (Repts. of County assessors or surveyors)</td>
</tr>
<tr>
<td>1855</td>
<td>Counties</td>
<td>Calif. Surveyor gen. Rept. 1855, following p.50. total for all counties p.51 (County surveyors and assessors)</td>
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**Value Per Head**

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<td>1800</td>
<td>June 1: State (value of heifers on farms)</td>
<td>Calif. state agr. soc. Trans. 1901, p. 142 (U. S. Census Bul. Apr. 29, 1902)</td>
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<td>1808</td>
<td>(Table headed 1907-08): Orange county.</td>
<td>Calif. state agr. soc. Rept. 1908, p.127.</td>
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<td>1852</td>
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<td>1855</td>
<td>Counties</td>
<td>Calif. Surveyor gen. Rept. 1855, following p.50. total for all counties p.51 (County surveyors and assessors)</td>
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<td>1855</td>
<td>Counties (some reports list &quot;oxen&quot; and others &quot;work oxen&quot;)</td>
<td>Calif. Surveyor gen. Rept. 1855, p.265-315. Los Angeles county lists Calif. oxen; American oxen, p.274. Santa Cruz county - Calif. oxen; American oxen, p.302 (County assessors and surveyors)</td>
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1855: Plumas county (includes cows); Sacramento county (includes beef cattle) In Calif. Surveyor gen. Rept. 1855, p.287-289. (County assessors)

1855-56;1856-57;1857-58;1858-59;1859-60;1862-55;1865-59;1852-58; state (increase or decrease in number and per cent of work oxen) In Calif. state agr. soc. Trans. 1859, p.34.

1856: counties. (Siskiyou county figure includes beef cattle) In Calif. Surveyor gen. Rept. 1856, following p.30. State total p.31 (County assessors)


1858: counties. In Calif. Surveyor gen. Rept. 1858, following p.32. (County assessors)


1860;1862,1850; state (working oxen) In Calif. State bd. agr. Rept. 1861, p.34 (1852 figure is from State census; 1850,1860 figures are from Federal census)


1864: Monterey county (work oxen - American, Spanish) In Calif. Surveyor gen. Rept. 1864, p.74 (Assessor's rept.)


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1870: state and county (work oxen) In Calif. state agr. soc. Trans. 1871, p.368-9 (U. S. Census 1870).


1872: certain counties. In Calif. state agr. soc. Trans. 1873, p.225,250,251,265; in Calif. Surveyor gen. Bien. rept. 1871/73, p.95,99,91,95 (Tehama county figure is to be for 1873) (County assessors).


1880: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.36,37.

1882: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.74-75.

1883: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.57.

1884: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.60.

1886: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p.60.
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1887: state and county (reported by assessors) equalization. Rept. 1887 and 1888, p.53.

1888: state and county (reported by assessors) equalization. Rept. 1887 and 1888, p.70.

1889: state and county (reported by assessors) equalization. Rept. 1889 and 1890, p.41.

1890: state and county (reported by assessors) equalization. Rept. 1890 and 1890, p.60.

1890, 1880, 1870, 1860, 1850: state (working oxen) agr. Repts. 1911, p.35; 1912, p.27; 1913, p.32.

1891: state and county (reported by assessors) equalization. Rept. 1891 and 1892, p.69.

1892: state and county (reported by assessors) equalization. Rept. 1891 and 1892, p.69.

1893: state and county (reported by assessors) equalization. Rept. 1893 and 1894, p.53.

1894: state and county (reported by assessors) equalization. Rept. 1893 and 1894, p.69.

1895: state and county (reported by assessors) equalization. Rept. 1895 and 1896, p.22.

1896: state and county (reported by assessors) equalization. Rept. 1895 and 1896, p.65.

1897: state and county (reported by assessors) equalization. Rept. 1897 and 1898, p.23.

1898: state and county (reported by assessors) equalization. Rept. 1897 and 1898, p.65.

1899: state and county (reported by assessors) equalization. Rept. 1899-1902, p.61.

1900: counties (reported by assessors). In Calif. State bd. equalization. Rept. 1900-1904, p.38.


1906: state and county (reported by assessors) equalization. Rept. 1906-1906, p.61.


1908: state and county (reported by assessors) equalization. Rept. 1907-1908, p.77.


1910: state and county (reported by assessors) equalization. Rept. 1909-1910, p.78.

Value

1852: state (work oxen) In Calif. census of 1852, p.8.

Value - Continued


1875, 1874: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1874-75, p.82-83, 62-63.


1880: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1880, p.86, 87.

1882: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1881 and 1882, p.74-75.

1883: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1883 and 1884, p.59.

1884: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1883 and 1884, p.84.

1886: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1885 and 1886, p.60.

1887: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1887 and 1888, p.59.

1888: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1887 and 1888, p.70.

1889: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1889 and 1890, p.41.

1890: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1889 and 1890, p.60.

1891: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1891 and 1892, p.41.

1892: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1891 and 1892, p.60.

1893: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1893 and 1894, p.59.

1894: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1893 and 1894, p.83.

1895: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1895 and 1896, p.22.

1896: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1895 and 1896, p.65.

1897: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1897 and 1898, p.23.

1898: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1897 and 1898, p.65.

1902: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1899-1902, p.61.

1904: state and county (reported by assessors) in Calif. State Bd. equalization. Rept. 1903-1904, p.38.

1904: counties. In Calif. state agr. soc. Rept. 1904, p.41, 52, 55, 128, 135, 155, 247, 252, 255, 276 (County assessors)
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1882: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.74-75.
1883: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.59.
1884: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.84.

Cost of Fattening:

1914 (July 10-Sept., 3): University farm, Davis. (Initial cost of steers, feed, labor interest, etc. Selling price and net profit given.) In Calif. Agr. exp. stat. Circ. 184, p.4.

Cost of Production

Data collected Oct. 15, 1923 - Feb. 1, 1924: 32 ranches. (Cost during the first year; by end of second year; by end of third year; to selling period, fourth year) In Calif. Agr. exp. stat. Circ. 281, p.6-9.

Number

1900 (June 1): state (number on farms, not on farms - classified by ages) In Calif. State agr. soc. Trans. 1901, p.142 (U. S. Census Bul. Apr. 29, 1902)
1920: state (beef steers, classified by age) In Calif. State bd. agr. Statistical rept. 1920, p.44.
1920: state and county (beef steers, classified by age, on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p.96-106.
Number Slaughtered


Price
See also Value Per Head

Price Per Cwt.

1921: 5 districts - returns from 150 correspondents shown by districts (price on ranch Nov. 1, live weight) In Calif. crop and livestock rept. Nov. 10, 1921.
1922: 5 districts (price on ranch the first of each month - excluding July - live weight) In Calif. crop and livestock repts. Jn. 6, Feb. 6, Mar. 7, Apr. 4, May 10, June 9, Aug. 9, Sept. 11, Oct. 10, Nov. 9, Dec. 7, 1922.
1925: 5 districts (price on ranch the first of each month from Jan.-April, live weight) In Calif. crop and livestock repts. Jan. 9, Feb. 10, Mar. 10, Apr. 10, 1925.

Price Per Pound

1914(July;Sept.): purchase price; selling price of 107 steers pur-
chased near Coyote Calif. by University farm at Davis. In Calif. Agr. exp. sta. Cir. 124, p.4.

Receipts


Shipments

Shipment - Continued


Value

1900 (June 1): state (value of steers on farms - classified by ages) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bul. Apr. 29, 1902)
1920: state (beef steers, classified by age - on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.

Value Per Head

1900 (June 1): state (steers on farms - classified by ages) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bul. Apr. 29, 1902)

STEERS AND BULLS

Number

1910: state and county (yearling steers and bulls; other steers and bulls on farms) In Calif. State bd. agr. Repts. 1912-1913.
1910: counties (yearlings and other steers and bulls on farms and ranges) In Calif. State bd. agr. Repts. 1911, 1914-1918. (U.S. Census)
1920 (Jan. 1); 1910 (Apr. 15): state (1 year old and over on Jan. 1 of census year - on farms with increase or decrease in number and per cent over 1910) In Calif. State bd. agr. Statistical rept. 1920, p.95.

Value and Value Per Head


STEERS, CALVES AND BULLS

Number


YEARLINGS

Number

1855: Colusa, Sonoma counties. In Calif. Surveyor gen. Rept. 1855, p.270, 310-311 (County assessors)
Number - Continued


Sales

1893-1889 (annual): Rancho Del Paso (Sacramento county) (no. of yearlings sold, with total and average value) In Calif. state agr. soc. Trans. 1893, p.302.

Value


YELLENES AND CALVES

Number


HORSES, MULES, ETC.

ASTSIS

Number

1855: counties. In Calif. Surveyor gen. Rept. 1855, following p.50. Total for all counties p.51 (Assessors and surveyors)
Number - Continued

1858: counties. In Calif. Surveyor gen. Rept. 1859, following p.32. (County assessors)
1860,1850: state. In Calif. State bd. agr. Rept. 1911, p.34 (Federal census)
1861: counties. In Calif. Surveyor gen. Rept. 1861, table 2, following p.16 (Assessors' repts.)
1869: (table headed 1869-70): state and county. In Calif. state agr. soc. Trans. 1870, p.166-167 (County assessors)
1870: state and county. In Calif. state agr. soc. Trans. 1871, p.368-369 (U. S. Census 1870)
1870: (table headed 1870-71): state and county. In Calif. state agr. soc. Trans. 1871, p.396-397 (County assessors)
1871: (table headed 1871-72): state. In Calif. state agr. soc. Trans. 1872, p.384 (County assessors)
Number - Continued


Value


ASSES AND BURROS

Number

1900(June 1): state (number on farms; not on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bulletin Apr. 29, 1902)


1910: state (total - on farms and not on farms; not on farms) In Calif. State bd. agr. Repts. 1912-1918.


1911: counties (on farms and ranges) In Calif. State bd. agr. Repts. 1911, 1914-1918 (U. S. Census)

1920: state (total; not on farms; on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94,95.


1920: counties (on farms and ranges) In Calif. State bd. agr. Statistical repts. 1920-1921 (U. S. Census)

1920(June 1); 1910(Apr. 15): state (number not on farms; with increase or decrease in number and per cent over 1910) In Calif. State bd. agr. Statistical rept. 1920, p.95.

Value

1900(June 1): state (on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bulletin Apr. 29, 1902)

1910: state (on farms - with amount and per cent of increase over 1900 in some cases) In Calif. State bd. agr. Repts. 1911-1918.

1910: state (total - on farms and not on farms; not on farms) In Calif. State bd. agr. Repts. 1912-1918.

1910: counties (on farms and ranges) In Calif. State bd. agr. Repts. 1911,1914-1918. (U. S. Census)
ASSTAS AND MULES - Continued

Value - Continued

Value Per Head
1900 (June 1): state (on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bulletin Apr. 29, 1902)
1920: state (on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.

ASSTAS, HORDAS, AND MULES

Number
1642, 1834: missions - total and by individual mission (date founded and county given for each mission) In Calif. State bd. agr. Rept. 1911, p.38.

ASSTAS, MULES, AND BURROS

Number
1855-56; 1856-57; 1857-58; 1858-59; 1852-55; 1852-57: state (increase or decrease in number and per cent of mules and asses) In Calif. state agr. soc. Trans. 1859, p.344.
1859-1855 (annual); 1852: state. In Calif. state agr. soc. Trans. 1859, p.343.

Value Per Head

ASSTAS, MULES, AND BURROS

Number

BURROS

Number and Value
Freight Discharged and Loaded

1910, 1909 (years ended June 30): over state wharves of San Francisco (cattle and calves shipped by other than R. R. ferryboats - discharged; loaded; total; discharged and loaded by R. R. ferryboats and cars; grand total) In Calif. Bd. state harbor commissioners. Bienn. rept. 1908/10, p. 95-98.

Number


1865: Monterey county (no. assessed, total and by kinds) In Calif. state agr. soc. Trans. 1865, p. 228.

1873: state and county (returned for assessment) In Calif. State bd. equalization. Rept. 1872-73, p. 34-35.


1880: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1880, p. 62, 63.

1882: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p. 70-71.

1883: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p. 55.

1884: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p. 81.

1886: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p. 76.

1887: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p. 56.

1888: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p. 76.

1889: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p. 38.

1890: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p. 57.

1891: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p. 38.

1892: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p. 65.
Number - Continued

1898: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.50.
1904: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1898 and 1894, p.80.
1894: counties (common colts); Tehama county (thoroughbred colts)
1895: state and county (reported by assessor) In Calif. State bd. equalization. Rept. 1895 and 1896, p.25.
1896: state and county (reported by assessor) In Calif. State bd. equalization. Rept. 1895 and 1896, p.66.
1900(June 1): state (on farms; not on farms) In Calif. state agr.
soc. Trans. 1901, p.142 (U. S. Census Bulletin Apr. 29, 1902)
1900: state and county (not including animals in barns and inclosures)
In Calif. State bd. agr. Rept. 1912, p.41.
1902: state and county (reported by assessor) In Calif. State bd.
equalization. Rept. 1899-1902, p.68.
1904: counties (reported by assessor) In Calif. State bd. equali-
1904: counties. In Calif. state agr. soc. Rept. 1904 (See Contents
under names of counties) (County assessors)
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents
under names of counties)
1906: state and county (reported by assessor) In Calif. State bd.
Rept. 1906 (See Contents under names of counties)
Rept. 1907 (See Contents under names of counties)
1908: state and county (reported by assessor) In Calif. State bd.
equalization. Rept. 1907-1908, p.78.
1908(tables headed 1907-08): counties. In Calif. state agr. soc.
Rept. 1908 (See Contents under names of counties)
Rept. 1909 (See Contents under names of counties)
State bd. agr. Repts. 1911-1918.
1910: state and county (yearling colts, spring colts) In Calif.
State bd. agr. Repts. 1912-1918.
### Number - Continued


1910: counties (yearling colts, spring colts on farms and ranges) In Calif. State bd. agr. Repts. 1911, 1914-1918 (U. S. Census)


1920 (Jan. 1); 1910 (Apr. 15): state (under one year old on Jan. 1 of census year; with increase or decrease in number and per cent over 1910) In Calif. State bd. agr. Statistical rept. 1920, p.95.

### Value


1877, 1876: state and county (assessed) In Calif. State bd. equalization. Bion. rept. 1876-77, p.22-23, 42-43.


1884: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1883 and 1884, p.51.

1886: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1885 and 1886, p.57.

1887: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1887 and 1888, p.56.

1888: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1887 and 1888, p.76.


1890: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1889 and 1890, p.57.


1892: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1891 and 1892, p.66.
Value - Continued

1893: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.50.
1894: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.60.
1895: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.25.
1896: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.68.
1898: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.68.
1900 (June 1): state (on farms) In Calif. State agr. soc. Trans. 1901, p.142 (U. S. Census Bulletin Apr. 29, 1902)
1901: Stanislaus county. In Calif. state agr. soc. Trans. 1901, p.436 (County assessor)
1902: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1899-1902, p.62.
1905: counties. In Calif. State agr. soc. Rept. 1904 (See Contents under names of counties)
1906: counties. In Calif. State agr. soc. Rept. 1905 (See Contents under names of counties)
1907 (tables headed 1905-06): counties. In Calif. State agr. soc. Rept. 1906 (See Contents under names of counties)
1907 (tables headed 1906-07): counties. In Calif. State agr. soc. Rept. 1907 (See Contents under names of counties)
1908 (tables headed 1907-08): counties. In Calif. State agr. soc. Rept. 1908 (See Contents under names of counties)
1908: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p.78.
1918: Alameda county (reported by assessors) In Calif. State bd. equalization. Rept. 1917-1918, p.33, footnote.
1920: state (classified by age - on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.
Value Per Head


1900 (June 1): state (on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bulletin Apr. 29, 1902).


1920: state (classified by age - on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.

GELDINGS

Number

1920: state (2 years old and over - on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.

1920: state and county (2 years old and over - on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p.96-106.

Value and Value Per Head

1920: state (2 years old and over - on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.

HORSES

Cost of Keeping Horses

1922: 167 Calif. farms. In Calif. Agr. exp. sta. Bul. 401. (This bulletin gives detailed data showing costs per year and per hour, cost of food, shelter and equipment, miscellaneous expenditures, taxes paid, wages paid for chores, depreciation, mortality, and hours of work per year)

Freight Rates


Imports (Number and Value)

1910 (year ended June 1) (monthly and total): importations into Imperial county. In Calif. Agr. exp. sta. Bul. 219, p.1195. (Value not given)

Imports (Number and Value) - Continued


1917 (year ended June 30): Port of Los Angeles (inbound domestic commerce) In Los Angeles, Bd. harbor commissioners. Annual rept. 1916-18, p. 3.


Number

1852: 5 counties. In Calif. Surveyor gen. Rept. 1852, p. 44, 50, 52, 57, 61, 62 (Rept. of County assessors or surveyors).
1852: Butte county (raised in county) In Calif. Surveyor gen. Rept. 1852, p. 54 (County surveyors).
1854: counties. In Calif. Surveyor gen. Rept. 1854, p. 76 (Repts. of County assessors or surveyors).
1855: counties (Nevada Co. figure includes mules) In Calif. Surveyor gen. Rept. 1855, following p. 50. Total for all counties p. 51 (County assessors).
1855-1856; 1856-1857; 1857-1858; 1858-1859; 1859-1855; 1855-1856; 1852-1858: state (increase in number and per cent of horses) In Calif. state agr. soc. Trans. 1859, p. 844.
1857: counties. State total p. 34. (American; Spanish - tame; wild - total number) In Calif. Surveyor gen. Rept. 1857, table 3 following p. 22 (Assessors' repts.).
1858: counties (American; Spanish - tame; wild - total number) In Calif. Surveyor gen. Rept. 1858, following p. 32 (County assessors).
1859: counties (American; Spanish - wild, tame; total) In Calif. Surveyor gen. Rept. 1859, table 3, following p. 30. No. for some counties also given elsewhere in this report. (Assessors' repts.)
Horses - Continued

Number - Continued

1859-1865 (annual); 1852: state. In Calif. state agr. soc. Trans. 1859, p.348.

1860: counties (American; Spanish—tame, wild; total) In Calif. Surveyor gen. Rept. 1860, table 2, following p.30 (assessors' repts.)

1860, 1862, 1850: state. In Calif. State bd. agr. Rept. 1911, p.86. (1852 figure is from State census; 1850, 1860 figures are from Federal census)


1861: counties (American; Spanish—tame, wild; total) In Calif. Surveyor gen. Rept. 1861, table 2, following p.16. Number for El Dorado and Tehama counties also given on p.41, 45. (Assessors' repts.)

1862 (table headed 1861): state and county (American; Spanish—tame, wild; total) In Calif. Surveyor gen. Rept. 1862, p.64-65. Number for some counties also given elsewhere in this report. (Assessors' repts.)


1864: counties (American; Spanish—tame, wild; total number) In Calif. Surveyor gen. Rept. 1864, p.46-47 (assessors' repts.)

1864: Monterey county (American stallions, horses, mares, colts; half-breed horses, mares, colts; Spanish horses, mares, colts) In Calif. Surveyor gen. Rept. 1864, p.73-74 (assessors' repts.)

1865: counties (American; Spanish—tame, wild; total) In Calif. Surveyor gen. Rept. 1865, p.124-135 (assessors' repts.)

1866: Monterey county (no. of horses assessed; total and by kinds) In Calif. state agr. soc. Trans. 1866, p.228.


1869 (table headed 1869-70): state and county. In Calif. state agr. soc. Trans. 1870, p.186-187 (County assessors)


1870: state and county. In Calif. state agr. soc. Trans. 1871, p.383-9 (U.S. Census 1870)

1870 (table headed 1870-71): state and county. In Calif. state agr. soc. Trans. 1871, p.396-7 (County assessors)
In Surveyor

1871: (table headed 1872); state. In Calif. state agr. soc. Trans. 1872, p.384 (County assessors)


1872: (table headed 1873); state and county. In Calif. state agr. soc. Trans. 1873, p.242-243; in Calif. Surveyor gen. Bien. rept. 1871/73, p.70-71 (County assessors)


1873: state and county (number of thoroughbred, American, Spanish or half-bred horses returned by assessors) In Calif. State bd. equalization. Rept. 1872-73, p.52-55.


1875,1874 (both tables dated 1875): state and county (number of thoroughbred, American, Spanish and half-bred horses reported by assessors). In Calif. State bd. equalization. Rept. 1874-1875, p.24-25,52-53.


1877,1876: state and county (number of American, thoroughbred, Spanish and half-bred horses assessed). In Calif. State bd. equalization. Bien. rept. 1876-77, p.20-21,40-41.


1879,1878: state and county (number of thoroughbred, American, Spanish and half-breds assessed) In Calif. State bd. equalization. Bien. rept. 1878-79, p.20-21,40-41.
<table>
<thead>
<tr>
<th>Year</th>
<th>Description</th>
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<tr>
<td>1880</td>
<td>State and county (number of thoroughbred, graded, American, Spanish horses reported by assessors)</td>
<td>In Calif. State bd. equalization. Rept. 1880, p.80-83.</td>
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<td>(Table headed 1879-80): counties. In Calif. Surveyor gen. Rept. 1879/80, p.68-69 (County assessors)</td>
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<td>1881</td>
<td>(Table headed 1880-81): counties. In Calif. Surveyor gen. Bien. Rept. 1880/82, p.67 (County assessors)</td>
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<td>1882</td>
<td>(Table headed 1881-82): counties. In Calif. Surveyor gen. Bien. Rept. 1880/82, p.83 (County assessors)</td>
<td></td>
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<tr>
<td>1883</td>
<td>State and county (number of thoroughbred, graded, American, Spanish horses reported by assessors)</td>
<td>In Calif. State bd. equalization. Rept. 1883 and 1884, p.66-71.</td>
</tr>
<tr>
<td>1884</td>
<td>State and county (number of thoroughbred, graded, American, Spanish horses reported by assessors)</td>
<td>In Calif. State bd. equalization. Rept. 1883 and 1884, p.79-90.</td>
</tr>
<tr>
<td>1887</td>
<td>State and county (number of thoroughbred, graded, American, common horses reported by assessors)</td>
<td>In Calif. State bd. equalization. Rept. 1887 and 1888, p.55-86.</td>
</tr>
<tr>
<td>1888</td>
<td>State and county (number of thoroughbred, graded, American, common horses reported by assessors)</td>
<td>In Calif. State bd. equalization. Rept. 1887 and 1888, p.55-86.</td>
</tr>
<tr>
<td>1889</td>
<td>State and county (thoroughbred, graded, American, common horses reported by assessors)</td>
<td>In Calif. State bd. equalization. Rept. 1889 and 1890, p.37-38.</td>
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<tr>
<td>1890</td>
<td>State and county (number of thoroughbred, graded, American, common horses reported by assessor)</td>
<td>In Calif. State bd. equalization. Rept. 1890 and 1891, p.55-57.</td>
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<tr>
<td>1891</td>
<td>State and county (number of thoroughbred, graded, American, common horses reported by assessors)</td>
<td>In Calif. State bd. equalization. Rept. 1891 and 1892, p.37-38.</td>
</tr>
<tr>
<td>1892</td>
<td>State and county (number of thoroughbred, standard, American, common horses reported by assessors)</td>
<td>In Calif. State bd. equalization. Rept. 1891 and 1892, p.65-66.</td>
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<tr>
<td>1893</td>
<td>State and county (number of thoroughbred, graded, American, common horses reported by assessors)</td>
<td>In Calif. State bd. equalization. Rept. 1893 and 1894, p.49-50.</td>
</tr>
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Number - Continued

1893: state and county (thoroughbred, standard-bred) In Calif.
   state agr. soc. Trans. 1893, p.154-155 (county assessors)
   Classified by kinds for Colusa County, p.319.
1894: state and county (number of thoroughbred, standard-bred,
   American, common horses reported by assessors) In Calif. State
1894: San Diego, Colusa counties (classified) In Calif. state agr.
   soc. Trans. 1894, p.307,323.
1895: state and county (thoroughbred, standard, American, common
   horses reported by assessors) In Calif. State bd. equalization.
   Rept. 1895 and 1896, p.24-25.
1896: state and county (thoroughbred, standard, American, common
   horses reported by assessors) In Calif. State bd. equalization.
   Rept. 1895 and 1896, p.67-68.
1897: state and county (thoroughbred, standard, American, common
   horses reported by assessors) In Calif. State bd. equalization.
   Rept. 1897 and 1898, p.24-25.
1898: state and county (thoroughbred, standard, American, common
   horses reported by assessors) In Calif. State bd. equalization.
   Rept. 1897 and 1898, p.66-67.
1900: state and county (not including animals in barns and inclosures
1900(June 1): state (on farms, not on farms - classified by ages)
   In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bul.
   Apr. 29, 1902)
1901: Stanislaus county (thoroughbred, American, common) In Calif.
   state agr. soc. Trans. 1901, p.186 (County assessor)
1902: state and county (thoroughbred, standard-bred, American,
   common horses reported by assessors) In Calif. State bd. equalization.
   1903-1904, p.141.
1904: counties (sometimes given as horses, sometimes classified as
   thoroughbred, standard-bred, American, common) In Calif. state
   agr. soc. Rept. 1904 (See Contents under names of counties)
   (County assessors)
1904: counties (thoroughbred, standard-bred, American, common horses
   reported by assessors) In Calif. State bd. equalization. Rept.
   1903-1904, p.39.
1905: counties (thoroughbred, standard-bred, common) In Calif.
   state agr. soc. Rept. 1905 (See Contents under names of counties)
1906(table headed 1905-06): counties (thoroughbred, standard-bred,
   common) In Calif. state agr. soc. Rept. 1906 (See Contents
   under names of counties)(work horses for Inyo County)
### Number - Continued

1908: state and county (thoroughbred, standard-bred, American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1905-1908, p.62.

1907: (tables headed 1906-07): counties (thoroughbred, standard-bred, common) In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)

1908: (tables headed 1907-08): counties (thoroughbred, standard-bred, common) In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)

1908: state and county (thoroughbred, standard-bred, American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1908-1909, p.73.

1909: (tables headed 1909-10): counties (thoroughbred, standard-bred, common) In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)

1910: state (on farms; not on farms; total) In Calif. State bd. agr. Repts. 1912-1916.


1910: state and county (thoroughbred, standard-bred, American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1909-1910, p.79.

1910: (tables headed 1909-10): counties (thoroughbred, standard-bred, common) In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)

1910: counties (mature horses on farms and ranges) In Calif. State bd. agr. Repts. 1911, 1914-1918 (U. S. Census)

1912: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1911-1912, p.49.


1914: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1913-1914, p.64.


1914-1974 (annual, as of Dec. 31): state (on farms) In Calif. State bd. agr. Statistical rept. 1914, p.94 (Federal statistics)

Number - Continued

1918-1920 (annual, as of Dec. 31): state (on farms) In Calif. State bd. agr. Statistical rept. 1918, p.42 (Federal statistics)
1920: state (total and horses 2 years old and over - on farms, not on farms) In Calif. State bd. agr. Statistical rept. 1920, p.95.
1920: state (on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.
1920: state (total and horses 2 years old and over) In Calif. State bd. agr. Statistical rept. 1920, p.95.
1920: counties (on farms and ranges) In Calif. State bd. agr. Statistical repts. 1920-1921 (U. S. Census)
1920 (Jan. 1); 1919 (Apr. 1): state (horses and ponies reported for 1919) 1 year old and over on Jan. 1 of census year; with increase or decrease in number and per cent over 1918) In Calif. State bd. agr. Statistical rept. 1920, p.95.
1920,1919,1918,1917: Calif. compared with U.S. (estimated number on farms) In Calif. State bd. agr. Statistical rept. 1920, p.71
1921 (Jan. 1): state (number on hand) In Farm management notes for Calif., p.19 (U.S.D.).
Number - Continued
1922: 187 Calif. farms (classified by numbers per farm) In Calif. agr. exp. sta. Bul. 401, p.6
1922-1923(annual): state and counties by districts (est. no. on farms Jan. 1) In Calif. crop and livestock rept. Feb. 28, 1922.
1924: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1923-1924, p.32.
1926, 1926: state compared with U. S. (no. on farms) In Calif. crop and livestock rept. Feb. 9, 1926.

Number Grazed on National Forests
Price  See  Value Per Head

Shipments


1899: Santa Clara county (shipped from San Jose by Southern Pacific R. R. Co.) In Calif. state agr. soc. Trans. 1899, p.223.


1905: counties (shipped out of county) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties).


Value


1873, 1872: state and county (assessed value of thoroughbred, graded and mixed, American, Spanish horses). In Calif. State bd. equalization. Rept. 1872-1873, p.32-43, 54-55. (thoroughbred and graded not given in 1873)

1875, 1874 (both tables dated 1875): state and county (assessed value) In Calif. State bd. equalization. Rept. 1874-75, p.2-25,52-53.

1877, 1876: state and county (assessed value of thoroughbred, American, Spanish and half-breed horses) In Calif. State bd. equalization. Bien. rept. 1876-77, p.20-21, 40-41.
Value - Continued


1880: state and county (thoroughbred, graded; American, Spanish horses reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.80-83.

1882: state and county (thoroughbred, graded; American, Spanish horses reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.60-71.

1883: state and county (thoroughbred, graded; American, Spanish horses reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.55-56.

1884: state and county (thoroughbred, graded; American, Spanish horses reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p.79-80.

1885: state and county (thoroughbred, graded; American, Spanish horses reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p.56-57.

1887: state and county (thoroughbred, graded; American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.55-56.

1888: state and county (thoroughbred, graded; American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1888 and 1889, p.75-76.

1889: state and county (thoroughbred, graded; American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.37-38.

1890: state and county (thoroughbred, graded; American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.56-57.

1891: state and county (thoroughbred, graded; American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.37-38.

1892: state and county (thoroughbred, standard; American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.65-66.

1893: state and county (thoroughbred, graded; American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.49-50.

1893: state and county (thoroughbred, standard-bred) In Calif. State agr. soc. Trans. 1893, p.154-155 (County assessors)

1894: state and county (thoroughbred, standard-bred; American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.79-80.

1895: state and county (thoroughbred, standard; American; common horses reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.24-25.
Value - Continued

1896: state and county (thoroughbred, standard, American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.67-68.

1897: state and county (thoroughbred, standard, American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.24-25.

1898: state and county (thoroughbred, standard, American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.66-67.

1900: state (value of horses on farms, classified by age) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bul. Apr. 29, 1902)

1901: Stanislaus county (thoroughbred, American, common) In Calif. state agr. soc. Trans. 1901, p.436 (County assessors)


1904: counties (sometimes listed as horses, sometimes classified as thoroughbred, standard-bred, American, common) In Calif. state agr. soc. Rept. 1904 (See Contents under names of counties)

1905: counties (thoroughbred, common, standard) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)


1906 (tables headed 1905-06); counties (thoroughbred, common standard) In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties) (work horses given for Inyo county)

1907 (tabs headed 1906-07); counties (thoroughbred, common, standard) In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)

1908 (tables headed 1907-08); counties (thoroughbred, common, standard) In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)

1909: state and county (thoroughbred, standard-bred, American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p.78.

1910: state (on farms; not on farms; total) In Calif. State bd. agr. Repts. 1912-1918.

Value - Continued

1910: state and county (thoroughbred, standard-bred, American, common horses reported by assessors) In Calif. State bd. equalization. Rept. 1909-1910, p.79.

1910 (tables headed 1909-10): counties (thoroughbred, common, standard) In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)

1918: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1911-1912, p.49.

1912-1869 (annual, as of Jan. 1): state (farm value) In Calif. State bd. agr. Rept. 1912, p.3 (1869-1911 data also in Rept. 1911, p.38-Federal statistics)

1913-1869 (annual, as of Dec. 31): state (farm value) In Calif. State bd. agr. Statistical rept. 1913, p.37 (Federal statistics)

1914: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1913-1914, p.84.


1914-1874 (annual, as of Dec. 31): state (farm value) In Calif. State bd. agr. Statistical rept. 1914, p.34 (Federal statistics)


1917-1877 (annual): state (farm value Dec. 31) In Calif. State bd. agr. Statistical rept. 1917, p.46 (Federal statistics)

1918: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1917-1918, p.34.

1918: Santa Clara county. In Calif. State bd. agr. Statistical rept. 1918, p.429 (Chamber of commerce)

1918-1878 (annual): state (farm value Dec. 31) In Calif. State bd. agr. Statistical rept. 1918, p.61 (Federal statistics)


1920: state (on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.


1920: counties (on farms and ranges) In Calif. State bd. agr. Statistical repts. 1920-1921 (U. S. Census)

1920: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1919-1920, p.29.

1920: Fresno county (estimate) In Calif. State bd. agr. Statistical rept. 1920, p.280 (Fresno county chamber of commerce)

HORSES - Continued

Value - Continued

1921: Fresno county (estimate) In Calif. State bd. agr. Statistical rept. 1921, p.303 (Fresno county chamber of commerce)


1922: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1921-1922, p.32.

1922-1920 (annual): state (all ages) In Calif. crop and livestock rept. Feb. 28, 1922.


1924: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1923-1924, p.32.


1926, 1925: state compared with U.S. (value of horses on farms) In Calif. crop and livestock rept. Feb. 9, 1926.


Value of Shipments


Value of Shipments - Continued


1920 (year ended June 30): Port of Los Angeles (outbound domestic commerce) In Los Angeles Bd. harbor commissioners. Annual reports. 1918-20, p. 94.


Value per Head

1882: state (estimated) In Calif. census of 1882, 8.
1880: state and county (average value of thoroughbred, graded, American, Spanish horses reported by assessors) In Calif. State Bd. equalization. Rept. 1880, p. 80-83.
1882: counties (average value of thoroughbred, graded, American, Spanish horses reported by assessors) In Calif. State Bd. equalization. Rept. 1881 and 1882, p. 66-71.
1883: counties (average value of thoroughbred, graded, American, Spanish horses reported by assessors) In Calif. State Bd. equalization. Rept. 1883 and 1884, p. 53-54.
1888: counties (average price per head of horses under 1 year old, between 1 and 2 years old, between 2 and 3 years old, and over 3 years old) In Calif. State Agr. Soc. Trans. 1883, p. 200.
1884: counties (average value of thoroughbred, graded, American, Spanish horses reported by assessors) In Calif. State Bd. equalization. Rept. 1883 and 1884, p. 79-80.
Value Per Head - Continued


1917-1977 (annual, as of Dec. 31): state (average farm price) In Calif. State bd. agr. Statistical rept. 1917, p.46 (Federal statistics)


1919-1960 (annual, as of Dec. 31): state (average farm price) In Calif. State bd. agr. Statistical rept. 1919, p.50 (Federal statistics)


1920-1917 (annual): Calif. compared with U.S. (estimated value of horses on farms) In Calif. State bd. agr. Statistical rept. 1920, p.71 (Classified by age also for 1920)

1921 (Jan. 1): state (average price per head) In Farm management notes for Calif., p.19 (U.S.D.A.)


1921-1919 (annual): state (classified by ages; all ages) In Calif. State bd. agr. Statistical rept. 1921, p.90.


1922: 187 Calif. farms. (value of work horses per head - aver. for year; range in value; aver. value and usual value given) In Calif. Agr. exp. sta. Bul. 401, p.11.

1922-1920 (annual): state (price per head classified by age groups; all ages) In Calif. crop and livestock rept. Feb. 28, 1922.

1923-1921 (annual): state (price (Jan. 1) per head classified by age groups; all ages) In Calif. crop and livestock rept. Jan. 30, 1923.


1925-1923 (annual): state (price per head on farms Jan. 1) In Calif. crop and livestock rept. Feb. 10, 1925.

Value Per Head - Continued

1926, 1925; state compared with U.S. (price per head Jan. 1 of horses on farms) in Calif. crop and livestock repts. Feb. 9, 1926.


HORSES AND COLTS

Number


1910: counties (on farms and ranges) In Calif. State bd. agr. Repts. 1911, 1914-1918 (U.S. Census)


Value

1910: state (on farms - with amount and per cent of increase over 1900) In Calif. State bd. agr. Rupt. 1911, p.59.


1910: counties (on farms and ranges) In Calif. State bd. agr. Repts. 1911, 1914-1918 (U.S. Census)

HORSES AND COWS - Continued

Value - Continued


Value Per Head


HORSES AND MULES

Cost of Horse and Mule Power

Approximate cost of horse and mule power compared with cost of tractor power. In Calif. agr. exp. sta. Bul. 415, p.20,23,24,29, tables and chart.

Number

1856: Butte, Tehama and Yolo counties. In Calif. Surveyor gen. Rept. 1856, table following p.30. (County assessors)

Shipments

1905: Solano, Yolo, Yuba counties (shipped out of county) In Calif. state agr. soc. Rept. 1905, p.237,275,276.

Value

1855: Alameda, Shasta and Sonoma counties. In Calif. Surveyor gen. Reppt. 1855, p.253, 305, 310, 311. (County assessors)


1912: (year ended July 31): state and county (jacks registered - purebred, grade, mongrel, total) In Calif. Stallion registration bd. Annual rept. 1911/12, p.61.


1914: (year ended July 31): state and county (purebred, grade, total registered) In Calif. Stallion registration bd. Annual rept. 1913/14, p.11.


1916: (year ended July 31): state and county (purebred, grade, mongrel, total registered) In Calif. Stallion registration bd. Annual rept. 1915/16, p.73.

1917: (year ended July 31): state and county (purebred, grade, mongrel, total registered) In Calif. Stallion registration bd. Annual rept. 1916/17, p.46.

1918: (year ended July 31): state and county (purebred, grade, mongrel, total registered) In Calif. Stallion registration bd. Annual rept. 1917/18, p.42.

1919: (year ended July 31): state and county (purebred, grade, mongrel, total registered) In Calif. Stallion registration bd. Annual rept. 1918/19, p.52.

1919-1912 (annual): state (total number registered) In Calif. Stallion registration bd. Annual rept. 1918/19, p.12. (Same statistics for shorter periods within 1912-1919 in Annual repts. 1917/18, p.11; 1916/17, p.9; 1915/16, p.9; 1914/15, p.9; 1913/14, p.9; 1912/13, p.9)

1920: state (purebred, grade, mongrel, total registered) In Calif. State bd. agr. Statistical rept. 1920, p.73 (Stallion registration bd.)

1920: (July 31): state and county. In Calif. State bd. agr. Statistical rept. 1920, p.73 (Stallion registration bd.)

1920: (year ended June 30): state and county (purebred; grade; mongrel; total) In Calif. Dept. agr. Special pub. 14, p.16 (Stallion registration bd.)

1921: (year ended June 30): state and county (purebred; grade; mongrel; total) In Calif. Dept. agr. Special pub. 23, p.13. State only, p.12 (Stallion registration bd.)
JACKS - Continued

Number - Continued
1921: state and county (number of jacks and breeds - purebred, grade, crossbred and mongrel; total registered) In Calif. Dept. agr. Monthly bul. v.11, Nov.-Dec. 1922, p.927.
1922 (year ended June 30): state and county (purebred; grade; mongrel; total) In Calif. Dept. agr. Special pub. 41, p.16. State only, p.8 (Stallion registration bd.)
1923 (year ended June 30): state and county (purebreds; grades; mongrels; total) In Calif. Dept. agr. Special pub. 48, p.31. State only, p.32 (Stallion registration bd.)
1924 (year ended June 30): state and county (purebreds; grades; mongrels; total) In Calif. Dept. agr. Special pub. 59, p.20. State only, p.31 (Stallion registration bd.)
1925 (year ended June 30): state and county (purebreds; grades; mongrels; total) In Calif. Dept. agr. Special pub. 68, p.19 (Stallion registration bd.)
1926 (year ended June 30): state and county (number registered classified by purebreds, grades, mongrels, total) In Calif. Dept. agr. Special pub. 68, p.19 (Stallion registration bd.)
1926-1912 (annual): state (number registered) In Calif. Dept. agr. Special pub. 68, p.20 (Same statistics for shorter periods within 1912-1926 in Special publs. 59, p.22; 49, p.28; 48, p.29; 41, p.8; 23, p.12; 14, p.6 - Stallion registration bd.)

Value

JACKS AND JENJIES

Number
1855: Sierra and Trinity counties. In Calif. Surveyor gen. Rept. 1855, p.308,315 (County assessors)
1875,1874: state and county (returned for assessment) In Calif. State bd. equalization. Rept. 1874-75, p.32-33,50-61.
1890: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1890, p.66,69.
1882: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1881 and 1882, p.76-77.
1883: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1883 and 1884, p.60.
1884: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1883 and 1884, p.95.
1886: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1885 and 1886, p.61.
1887: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1887 and 1888, p.60.
1888: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1887 and 1888, p.80.
1889: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1889 and 1890, p.42.
1890: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1889 and 1890, p.61.
1891: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1891 and 1892, p.70.
1892: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1891 and 1892, p.42.
1893: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1893 and 1894, p.54.
1894: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1893 and 1894, p.84.
1895: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1895 and 1896, p.23.
1896: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1895 and 1896, p.66.
1897: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1897 and 1898, p.24.
1898: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1897 and 1898, p.67.
1902: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1899-1902, p.61.
1904: counties (reported by assessors) in Calif. State bd. equalization. Rept. 1903-1904, p.88.
1906: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1905-1906, p.61.
1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
Number - Continued
1908: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1907-1908, p.77.
1908: tables headed 1907-08: counties. In Calif. state agr. soc.
Rept. 1908 (See Contents under names of counties)
Rept. 1909 (See Contents under names of counties)
1910: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1909-1910, p.73.
Rept. 1910 (See Contents under names of counties)
1912: counties (reported by assessors) In Calif. State bd.
equalization. Rept. 1911-1912, p.49.

Value
1859, p.76 (Assessor's rept.).
1878,1879: state and county (assessed value) In Calif. State bd.
1876,1877: state and county (assessed value) In Calif. State bd.
1879,1880: state and county (assessed value) In Calif. State bd.
1881: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1880, p.88, 39.
1882: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1881 and 1882, p.76-77.
1883: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1883 and 1884, p.60.
1884: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1885 and 1886, p.85.
1885: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1886, p.61.
1887: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1887 and 1888, p.60.
1888: state and county (reported by assessors) In Calif. State bd.
1889: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1889 and 1890, p.42.
1890: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1890 and 1891, p.61.
1891: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1891 and 1892, p.42.
Value - Continued

1894: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.84.
1895: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.23.
1896: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.66.
1897: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.24.
1898: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.67.
1901: Stanislaus county. In Calif. state agr. soc. Trans. 1901, p. 436 (County assessor)
1902: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1899-1902, p.61.
1904: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1903-1904, p.38.
1907(Tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1908: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p.77.
1908(Tables headed 1907-1908): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1909(Tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)
1910: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1909-1910, p.76.
1910(Tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)
1912: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1911-1912, p.49.

Value Per Head

1880: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.86, 89.
1882: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.76-77.
1883: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.60.
1884: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.85.
JACKS AND STALLIONS

Number Registered
1919-1912 (annual): state. In Calif. Stallion registration bd. Annual rept. 1918/19, p. 12 (Same statistics for shorter periods within 1912-1919 in Annual repts. 1917/18, p. 11; 1916/17, p. 9; 1915/16, p. 9; 1914/15, p. 9; 1918/14, p. 9; 1912/13, p. 9)
1925-1912 (annual, year ended June 30): state. In Calif. Dept. agr. Special pub. 59, p. 22 (Same statistics for shorter periods within 1912-1925 in Special pubs. 49, p. 28; 48, p. 29; 41, p. 8; 23, p. 12; 14, p. 6 - Stallion registration bd.)

JENNETS

Number

MARES

Number, Value and Value Per Head
1920: state (mares 2 years old and over on farms) In Calif. State bd. agr. Statistical rept. 1920, p. 94.
1920: state and county (2 years old and over on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p. 96-106 (Value and value per head not given)

MARES AND COLTS

Number
1855: San Diego county (wild) In Calif. Surveyor gen. Rept. 1855, p. 297 (County assessor)

MARES, STALLIONS AND GELDINGS

Number, Value and Value Per Head
1910: state (on farms, born before Jan. 1) In Calif. State bd. agr. Repts. 1911-1918

MULLIS

Imports (Quantity and Value
Imports (Quantity and Value) - Continued

1916 (year ended June 30): Port of Los Angeles (inbound domestic)

Number

1852: state. In Calif. State bd. agr. Rept. 1911, p.34 (State census)
1852: Butte county (raised in county); Yuba county. In Calif. Surveyor gen. Rept. 1852, p.44,54,57 (Repts. of county assessors or surveyor)
   Number for 5 counties also given on p.76 (County assessors).
1854: Colusa county. In Calif. Surveyor gen. Rept. 1855, p.270 (County assessor)
1855: counties. In Calif. Surveyor gen. Rept. 1855, table following p.50; p.251-320. Total for all counties p.51 (County assessors)
1856: counties. In Calif. Surveyor gen. Rept. 1856, following p.30. (State total p.31) (County assessors)
1858: counties. In Calif. Surveyor gen. Rept. 1858, table following p.32 (County assessors)
1864: Monterey county (American, Spanish) In Calif. Surveyor gen. Rept. 1864, p.74 (Assessors' repts.)
Number - Continued


1870: state and county. In Calif. state agr. soc. Trans. 1871, p.368-369 (U.S. Census, 1870)


1871 (table headed 1872): state. In Calif. state agr. soc. Trans. 1872, p.384 (Assessors' returns)


1872 (certain counties. In Calif. state agr. soc. Trans. 1873, p.255,256,251,265; in Calif. Surveyor gen. Bion. rept. 1971/73, p.85,88,91,95. Tehama county figure is said to be for 1873. (County assessors)


1876: state and county. In Calif. state agr. soc. Trans. 1876, p.126-127; in Calif. Surveyor gen. Bion. rept. 1875/77, p.54-55. (County assessors)

1877: state and county. In Calif. state agr. soc. Trans. 1876, p.352-353 (County assessors)

Number - Continued


1880: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.68, 69.


1882: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.76-77.

1883: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.59; in Calif. state agr. soc. Trans. 1883, p.201.

1884: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.65.


1886: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p.61.

1887: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.60.

1888: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.60.

1889: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.42.

1890: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.61.

1891: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.42.

1892: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.70.

1893: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.64.


1894: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.64.

1895: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.23.
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Number - Continued
1910: counties (mature males on farms and ranges) In Calif. State bd. agr. Repts. 1911, 1914-1918 (U. S. Census)
1914: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1913-1914, p. 38.
1918: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1917-1918, p. 34.
1918: Santa Clara county. In Calif. State bd. agr. Statistical rept. 1918, p. 429 (Chamber of commerce)
1918-1919 (annual, Dec. 31): state (on farms) In Calif. State bd. agr. Statistical rept. 1918, p. 63 (Federal statistics)
1920: state (total, and mules 2 years old and over) In Calif. State bd. agr. Statistical rept. 1920, p. 94, 95.
1920: state (total, and mules 2 years old and over - on farms, not on farms) In Calif. State bd. agr. Statistical rept. 1920, p. 95.
1920: counties (on farms and ranges) In Calif. State bd. agr. Statistical repts. 1920-1921 (U. S. Census)
Number - Continued

1920(Jan. 1), 1910(Apr. 15): state (1 year old and over on Jan. 1 of census year; on farms, not on farms; with increase or decrease in number and per cent over 1910) In Calif. State bd. agr. Statistical rept. 1920, p. 95.


1921 (Jan. 1): state (number on hand) In Farm management notes for Calif., p. 19 (U.S.D.A.)


1922: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1921-1922, p. 32.

1922-1920 (annual): state and counties by districts (est. no. on farms Jan. 1) In Calif. crop and livestock rept. Feb. 28, 1922.


1924: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1923-1924, p. 32.


1924-1922 (annual): state and counties by districts (est. no. on farms Jan. 1) In Calif. Dept. agr. Special pub. 43, p. 25.


1926, 1925: state compared with U.S. (no. on farms) In Calif. crop and livestock rept. Feb. 9, 1926.


### Number - Continued


### Price See Value Per Head

#### Shipments


### Value


1880: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.88,89.
Value - Continued

1882: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.76-77.
1883: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.59.
1884: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.85.
1886: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p.61.
1887: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.60.
1888: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.60.
1889: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.42.
1890: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.61.
1891: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.42.
1892: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.70.
1893: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.54.
1894: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.84.
1895: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.23.
1896: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.66.
1897: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.24.
1898: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.67.
1900(June 1): state (on farms - classified by age) In Calif. state agr. soc. Trans. 1901, p.142. (U. S. Census Bulletin Apr. 29, 1902)
1901: Stanislaus county. In Calif. state agr. soc. Trans. 1901, p.436. (County assessor)
1902: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1899-1902, p.61.
1904: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1903-1904, p.38.
1904: counties. In Calif. state agr. soc. Rept. 1904 (See Contents under names of counties)
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
Value - Continued

1906 (tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1908: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p.77.
1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1909 (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)
1910 (tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)
1911-1869 (annual, as of Jan. 1): state (farm value) In Calif. State bd. agr. Rept. 1911, p.42 (Federal statistics)
1913-1869 (annual, as of Dec. 31): state (farm value) In Calif. State bd. agr. Statistical rept. 1913, p.38 (1869-1912 data also in Rept. 1912, p.33 - Federal statistics)
1914: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1913-1914, p.38.
1914-1874 (annual, as of Dec. 31): state (farm value) In Calif. State bd. agr. Statistical rept. 1914, p.36 (Federal statistics)
1915-1875 (annual, as of Dec. 31): state (farm value) In Calif. State bd. agr. Statistical rept. 1915, p.44 (Federal statistics)
1916-1876 (annual, as of Dec. 31): state (farm value) In Calif. State bd. agr. Statistical rept. 1916, p.40 (Federal statistics)
1917-1877 (annual, as of Dec. 31): state (farm value) In Calif. State bd. agr. Statistical rept. 1917, p.48 (Federal statistics)
1918: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1917-1918, p.34.
1918: Santa Clara county. In Calif. State bd.agr. Statistical rept. 1918, p.429 (Chamber of commerce)
1918-1878 (annual, as of Dec. 31): state (farm value) In Calif. State bd. agr. Statistical rept. 1918, p.63 (Federal statistics)
Value - Continued
1919-1880 (annual, as of Dec. 31): state (farm value) In Calif. State bd. agr. Statistical rept. 1919, p. 51 (Federal statistics)
1920: state (total value on farms and range) In Calif. State bd. agr. Statistical rept. 1920, p. 94.
1920: counties (reported by assessors) In Calif. State bd. agr. Statistical rept. 1920, p. 29.
1922: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1920-1922, p. 32.
1924: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1923-1924, p. 32.
1925-1923 (annual): state (total value on farm Jan. 1) In Calif. crop and livestock rept. Feb. 10, 1925.
Value - Continued


Value of Shipments


Value Per Head

1862: state (estimated). In Calif. census of 1852, p.8. (U.S.D.A.)
1882: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1882, p.76-77.
1883: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.59.

1883: counties (average price per head under 1 year old, between 1 and 2 years old, between 2 and 3 years old, and over 3 years old) In Calif. state agr. soc. Trans. 1888, p.201.
1884: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.85.

1900 (June 1): state (on farms - classified by ages) In Calif. state agr. soc. Trans. 1901, p.142 (U.S. Census Bulletin Apr. 29, 1902)
1911-1869 (annual, as of Jan. 1): state (average farm price) In Calif. State bd. agr. Rept. 1911, p.42 (Federal statistics)
1912-1869 (annual, as of Jan. 1): state (average farm price) In Calif. State bd. agr. Rept. 1912, p.33 (Federal statistics)
1913-1869 (annual as of Dec. 31): state (average farm price) In Calif. State bd. agr. Statistical rept. 1913, p.36 (Federal statistics)
1914-1874 (annual, as of Dec. 31): state (average farm price) In Calif. State bd. agr. Statistical rept. 1914, p.36 (Federal statistics)
1915-1875 (annual, as of Dec. 31): state (average farm price) In Calif. State bd. agr. Statistical rept. 1915, p.44 (Federal statistics)
1916-1876 (annual, as of Dec. 31): state (average farm price) In Calif. State bd. agr. Statistical rept. 1916, p.40 (Federal statistics)
Value Per Head — Continued

1917-1918 (annual, as of Dec. 31): state (average farm price) In Calif. State bd. agr. Statistical rept. 1917, p.48 (Federal statistics)

1918-1919 (annual, as of Dec. 31): state (average farm price) In Calif. State bd. agr. Statistical rept. 1919, p.63 (Federal statistics)


1920-1921: Calif. compared with U.S. (estimated value of mules, on farms) In Calif. State bd. agr. Statistical rept. 1920, p.71 (classified by age for 1920)

1921 (Jan. 1): state (average price per head) In Farm management notes for Calif., p.19 (U.S.D.A.)


1922-1923 (annual): state (price per head classified by age groups; all ages) In Calif. crop and livestock rept. Feb. 28, 1922.


1926-1927 (annual): state (price per head on farms, Jan. 1) In Calif. crop and livestock rept. Feb. 10, 1925.

1926-1927: state compared with U.S. (price per head on farms Jan. 1) In Calif. crop and livestock rept. Feb. 9, 1926.


Value Per Head - Continued

1928-1926 (annual): state compared with United States (price per head on farms, Jan. 1) In Calif. Dept. agr. Repts. 1911-1918.


MULES AND MULE COLTS

Number

1910: counties (on farms and ranges) In Calif. State bd. agr. Repts. 1911, 1914-1918 (U.S. Census)
1910-1916 (10 year periods): state (males and colts on farms) In Calif. State bd. agr. Repts. 1911-1919 (prior to 1890 asses and burros were included with males).

Value

1910: state (on farms - with amount and per cent of increase over 1900 in some cases) In Calif. State bd. agr. Repts. 1911-1918.
1910: counties (on farms and ranges) In Calif. State bd. agr. Repts. 1911, 1914-1918 (U.S. Census)

Value Per Head

MULE COTES

Value Per Head - Continued

1927-1929 (annual): state compared with U.S. (est. value on farms)
Jan. 1) In Calif. Dept. agr. Special pub. 74, p.45; in Calif. Dept. agr.

1928-1929 (annual, Jan. 1): state compared with U.S. (est. farm value
per head) In Calif. Dept. agr. Special pub. 86, p.69; in Calif. Dept. 

MULE COTES

Number

1900 (June 1): state (on farms; not on farms) In Calif. state agr.
sec. Trans. 1901, p.142 (U. S. Census Bulletin Apr. 29, 1902)
1900: state and county (not including animals in barns and inclosures)
In Calif. State bd. agr. Rept. 1912, p.41.
1900;1890: state and county (on farms) In Calif. State bd. agr. Rept.
1911, p.45.
1910: Stanislaus county. In Calif. state agr. soc. Trans. 1901,
p.436. (County assessor)
Rept. 1907, p.198.
state agr. soc. Rept. 1909, p.179,186.
1910: state (born in 1909; and after Jan. 1, 1910 - on farms) In
Calif. State bd. agr. Rept. 1911-1918.
1910: state and county (yearling colts; spring colts on farms) In
1910: counties (yearling colts, spring colts on farms and ranges)
In Calif. State bd. agr. Repts. 1911, 1914-1918 (U. S. Census)
Rept. 1910, p.192.

1920: state and county (on farms and ranges, classified by age) In
Calif. State bd. agr. Statistical rept. 1920, p.96-106 (Number for
state only also on p.94)
1930 (Jan. 1); 1910 (April 15): state (male colts under l year old on
Jan. 1 of census year, on farms; with increase or decrease in
number and per cent over 1910) In Calif. State bd. agr. Statistical
rept. 1920, p.95.

Value

1900 (June 1): state (on farms) In Calif. state agr. soc. Trans.
1901, p.142 (U. S. Census Bulletin Apr. 29, 1902)
1901: Stanislaus county. In Calif. state agr. soc. Trans. 1901,
p.436. (County assessor)
 soc. Rept. 1907, p.198.
state agr. soc. Rept. 1909, p.179,186.
VALUE - Continued

1920: state (classified by age - on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.

VALUE PER HEAD

1900 (June 1): state (on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bulletin Apr. 39, 1902)
1920: state (on farms - classified by age) In Calif. State bd. agr. Statistical rept. 1920, p.94.

STALLIONS

NUMBER

1912 (year ended July 31): state and county (registered stallions - purebred, grade, crossbred, non-standard bred, mongrel, total) In Calif. Stallion registration bd. Annual rept. 1911/12, p.60-61 (Number classified by breeds on p.62-63).
1913 (year ended July 31): state and county (registered stallions - purebred, grade, crossbred, non-standard bred, mongrel, total) In Calif. Stallion registration bd. Annual rept. 1912/13, p.64,65. (Number of purebred, grade and mongrel stallions classified by breeds on p.66-69)
1913,1912: state (no. stallions registered classified by breed) In Calif. State bd. agr. Statistical rept. 1913, p.31.
1914 (year ended July 31): state and county (registered stallions - purebred, grade, crossbred, non-standard, mongrel, total) In Calif. Stallion registration bd. Annual rept. 1913/14, p.11. (Number of purebred, grade stallions classified by breeds on p.12-15)
1915 (year ended July 31): state and county (registered stallions - purebred, grade, crossbred, non-standard bred, mongrel, total) In Calif. Stallion registration bd. Annual rept. 1914/15, p.85 (Number of purebred, grade stallions classified by breeds on p.86-87)
1916 (year ended July 31): state and county (registered stallions - purebred, grade, crossbred, non-standard bred, mongrel, total) In Calif. Stallion registration bd. Annual rept. 1915/16, p.73. (Number of purebred, grade stallions classified by breeds on p.74-75)
1917 (year ended July 31): state and county (registered stallions - purebred, grade, crossbred, non-standard, mongrel, total) In Calif. Stallion registration bd. Annual rept. 1916/17, p.46. (Number of purebred, grade stallions classified by breeds on p.47-48)
Number - Continued

1916(year ended July 31): state and county (stallions registered - purebred, grade, crossbred, non-standard, mongrel, total) In Calif. Stallion registration bd. Annual rept. 1917/18, p.43. (Number of purebred, grade stallions classified by breeds on p.43-44)

1919(year ended July 31): state and county (purebred, grade, crossbred, non-standard, mongrel, total) In Calif. Stallion registration bd. Annual rept. 1918/19, p.52 (Number of purebred, grade stallions classified by breeds on p.53-54)

1919-1912(annual): state (stallions registered - classified by breeds, total). In Calif. Stallion registration bd. Annual rept. 1918/19, p.12. (Same statistics for shorter periods within 1912-1919 in Annual repts. 1917/18, p.11; 1916/17, p.9; 1915/16, p.9; 1914/15, p.9; 1913/14, p.9; 1912/13, p.9)

1920: state and county (2 years old and over, on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p.96-106 (Number for state only also on p.94)

1920(July 31): state and county. In Calif. State bd. agr. Statistical rept. 1920, p.73. ( Classified by breeds also for the state-Stallion Registration Bd.)

1920(year ended June 30): state and county (stallions-purebred; grade; crossbred; mongrel; total) In Calif. Dept. agr. Special pub. 14, p.16 (Number of purebred, grade stallions classified by breed on p.17,16 - Stallion Registration Bd.)

1921(year ended June 30): state and county (stallions-purebred; grade; crossbred; mongrel; total) In Calif. Dept. agr. Special pub. 23, p.13. (Number of purebred, grade stallions classified by breeds on p.14-15 - Stallion Registration Bd.)

1921(year ended June 30): state (breed stallions classified by purebred, grade, crossbred, mongrel) In Calif. Dept. agr. Special pub. 23, p.12. (Stallion Registration Bd.)


1922(year ended June 30): state (stallions by breeds classified as purebred, grade, mongrel). In Calif. Dept. agr. Special pub. 41, p.8,16 (Number of purebred, grade stallions classified by breeds on p.17,18 - Stallion Registration Bd.)

1923(year ended June 30): state (stallions classified by breeds - purebreds; grades, mongrels) In Calif. Dept. agr. Special pub. 48, p.31,32 (Number of purebred, grade stallions classified by breeds on p.30,31 - Stallion Registration Bd.)

1924(year ended June 30): state (stallions classified by breeds - purebreds, grades, mongrels) In Calif. Dept. agr. Special pub. 49, p.30,31 (Number of purebred, grade stallions classified by breeds on p.29,31 - Stallion Registration Bd.)

1925(year ended June 30): state and county (stallions-purebreds; grades; mongrels; total) In Calif. Dept. agr. Special pub. 59, p.20. (Number of grade, purebred stallions classified by breeds on p.21.- Stallion Registration Bd.)
STALLIONS - Continued

Number - Continued
1925 (year ended June 30): state (classified by breeds - purebred; grades; mongrels) In Calif. Dept. agr. Special pub. 59, p.22 (Stallion Registration Bd.)
1926 (year ended June 30): state and county (registered stallions - purebreds; grades; mongrels; total) In Calif. Dept. agr. Special pub. 68, p.19 (Number of purebred; grade stallions classified by breeds on p.18-19 - Stallion Registration Bd.)
1926 (year ended June 30): state (purebreds; grades; mongrels - classified by breeds) In Calif. Dept. agr. Special pub. 68, p.20 (Stallion Registration Bd.)
1926-1912 (annual): state (stallions registered - classified by breeds) In Calif. Dept. agr. Special pub. 68, p.20. (Same statistics for shorter periods within 1912-1925 in Special pub. 59, p.22; 49, p.26; 48, p.29; 41, p.8; 23, p.12; 14, p.6 - Stallion Registration Bd.)

Value
1920: state (on farms 2 years old and over; value and average value) In Calif. State bd. agr. Statistical rept. 1920, p.94.

SHEEP, HOGS AND GOATS

Freight Discharged and Loaded
1910, 1909 (years ended June 30): over state wharves of San Francisco (shipped by other than R. R. ferryboats - discharged; loaded; total; discharged and loaded by R. R. ferryboats and cars; grand total) In Calif. Bd. state harbor commissioners. Min. rept. 1908/10, p.96, 98.

Numbers
1842, 1834: California missions (total and by individual missions) In Calif. State bd. agr. Rept. 1911, p.33 (Date founded and county given for each mission)

SHEEP AND GOATS

Number
1856: Butte county. In Calif. Surveyor gen. Rept. 1856, following p.30 (County assessors)
Number


1910-1950 (10 year periods); state (on farms) In Calif. State bd. agr. Repts. 1911-1919.

Number Grazed on National Forests


Value (Total and Average)

1910: state (value and average value of sheep and lambs on farms; amount and per cent of increase over 1910 given for total value) In Calif. State bd. agr. Repts. 1912-1916.

1927-1920 (annual); state compared with U.S. (value (total and per head on farms, Jan. 1) In Calif. Dept. agr. Special pub. 74, p.45; in Calif. Dept. agr. Monthly bul. v.15, July-Dec. 1926, p.256.

Cost of Raising

1915-16, 1916-19 (or normal, high periods); state (operating costs - detailed data include land values, costs of stocking, herding costs, shearing costs, farm returns for product) In Farm management notes for Calif., p.109.
Freight Rates

1878 (June 1): statement F showing reduced rate on sheep in small cars, over Southern Pacific R. R. - Northern Division. In Calif. Commissioner of transportation. Rept. 1877-1878, p.28.


1911: freight rates on cattle, hogs and sheep between Santa Cruz and given points (adjustment of rates due to complaint of Jan. 5; old rates, new rates and reduction per car given) In Calif. Railroad commission. Rept. Jan. 1911 - June 1912, p.125.

Imports

1912,1911,1909: imports to Port of Eureka. In Calif. Bd. harbor commissioners for the Port of Eureka, Official repts. ... 1912,1911, 1909. (Each rept. gives data for one year only)


Number
1852: 5 Counties. In Calif. Surveyor Gen. Rept. 1852, p. 50, 52, 54, 57, 61, 62. (County Assessors and Surveyors)
1854: Colusa County. In Calif. Surveyor Gen. Rept. 1855, p. 270. (County assessor)
1855: Counties. In Calif. Surveyor Gen. Rept. 1855, table following p. 50, 217-320. Total for all counties p. 51 (County assessors)
1856: Counties. In Calif. Surveyor Gen. Rept. 1856, following p. 30. (State total p. 31) (County assessors)
1858: Counties. In Calif. Surveyor Gen. Rept. 1858, following p. 32. (County assessors)
1859-1855, 1852 (annual): State. In Calif. state agr. soc. Trans. 1859, p. 345. (Increase in no. and per cent for various periods within these dates given on p. 345)
1860, 1852, 1850: State. In Calif. State bd. agr. Rept. 1911, p. 34 (1852 figure is from State Census; 1850, 1860 figures are from Federal census)
1861: Counties. In Calif. Surveyor Gen. Rept. 1861, table 2, following p. 16. Number for El Dorado and Tehama counties also p. 41, 45. (County Assessors)
1864: Monterey county (American and improved; half-breed and mixed; Spanish) In Calif. Surveyor Gen. Rept. 1864, p. 74 (Assessor's rept.)


1871: state and county. In Calif. Surveyor Gen. Rept. 1869/71, p.82-83 (Assessors' Repts.)


Number - Continued


1877: state and county. In Calif. state agr. soc. Trans. 1877, p.384-385. (County assessors)

1877,1876: state and county (sheep (fine; common) assessed) In Calif. State bd. equalization, Bien. rept. 1876-77, p.24-27,144-47.


1879,1878: state and county (sheep (fine; common) assessed) In Calif. State bd. equalization, Bien. rept. 1878-79, p.24-27,144-47.


1880: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.30-33.


1882: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.78-81.


1883: state and county. In Calif. state agr. soc. Trans. 1883, p.204.

1883: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.62-63.


1884: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.37-38.

1884: Humboldt county (Sheep of all kinds) In Calif. Bur. labor statistics. 2nd Bien. rept. 1885-86, p.192 (County assessors)


1886: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p.62.

1887: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.61.
1893: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1898, p.31.

1895: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1899, p.43.

1896: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1896 and 1899, p.43.


Annual rept. 1891/92, appendix F, folded chart preceding p.365.

1891: state and county (imported or fine, grade I, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.33.

1892: state and county (imported or fine, graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1892 and 1892, p.71.

1894: state and county (imported or fine, graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1894 and 1894, p.55.


1894: state and county (imported or fine, graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.55.


1895: state and county (imported or fine, graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.26.

1896: state and county (imported or fine, graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.69.

1898: state and county (imported or fine, graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.69.

1899: state and county (imported or fine, graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.57-59.


1900 (June 1): state (on farms; not on farms - classified by ewes, rams and wethers) In Calif. State agr. soc. Trans. 1901, p.1-2. (U. S. Census Bulletin Apr. 29, 1902)


1901: Stanislaus county (imported or fine; common) In Calif. State agr. soc. Trans. 1901, p.436 (County assessor)
Number - Continued

1902: state and county (imported or fine, graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1899-1902, p.64.


1904: counties (sometimes listed as sheep, sometimes classified as imported or fine, graded, common) In Calif. state agr. soc. Rept. 1904 (See Contents under names of counties)(County assessors)

1904: counties (imported or fine and graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1903-1904, p.40.

1905: counties (imported, common) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)

1906: (tables headed 1905-03): counties (imported, graded) In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)

1906: state and county (imported or fine and graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1905-1906, p.63.

1907: (tables headed 1906-07): counties (sometimes listed as sheep, sometimes as fine, graded, etc.) In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)

1908: (tables headed 1907-08): counties (sometimes listed as sheep, sometimes as fine, graded, etc.) In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)

1908: state and county (imported or fine, and graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p.79.


1910: state and county (imported or fine and graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1909-1910, p.80.


1910: counties (on farms and ranges) In Calif. State bd. agr. Repts. 1911, 1914-1918 (U. S. Census)

1910: (tables headed 1909-10): counties (thoroughbred sheep for Yolo county) In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)

Number - Continued

1910, 1909: state (sheep of shearing age April 1 of each year) In Calif. State bd. agr. Rept. 1911, p. 51 (From bulletin of National assn. wool manufacturers)

1912: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1911-1912, p. 49.


1913-1910 (annual): state (sheep of shearing age, Apr. 1) In Calif. State bd. agr. Statistical rept. 1913, p. 57 (Commercial statistics)

1914: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1913-1914, p. 84.


1914-1874 (annual, as of Dec. 31): state (on farms) In Calif. State bd. agr. Statistical rept. 1914, p. 39 (Federal statistics)


1914-1913, 1912, 1911: state (number of shearing age on Apr. 1) In Calif. State bd. agr. Statistical rept. 1914, p. 60 (Commercial statistics)


1917-1877 (annual, Dec. 31): state (on farms) In Calif. State bd. agr. Statistical rept. 1917, p. 50 (Federal statistics)

1918: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1917-1918, p. 35.


1918-1878 (annual, Dec. 31): state (on farms) In Calif. State bd. agr. Statistical rept. 1918, p. 65 (Federal statistics)


1920: state (on farms; not on farms; total) In Calif. State bd. agr. Statistical rept. 1920, p. 94, 95.
1920(Oct. 1): state (total on hand; on hand on farms reporting wool; on hand on farms not reporting wool) In Calif. State bd. agr. Statistical rept. 1920, p.34.
1920(Oct. 1),1910(Apr. 15): state (total on farms excluding spring lambs reported for 1910; not on farms - with increase or decrease in number and per cent over 1910) In Calif. State bd. agr. Statistical rept. 1920, p.95.
1921(Oct. 1): state (number on hand) In Farm management notes for Calif., p.19 (U.S.D.A.).
1922: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1921-1922, p.32.
1922-1920(annual): state and counties by districts (est. no. on farms Jan. 1) In Calif. crop and livestock rept. Feb. 28, 1922.
1924: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1923-1924, p.32.
1925,1920,1910,1900,1890,1880: state (sheep on farms; relative number-1880 used as base) In Calif. Agr. exp. sta. Bul. 413, p.17 (U.S. Census and 1925 census of agr.)
### Number - Continued


1926,1925: state compared with U.S. (sheep on farms) In Calif. crop and livestock rept. Feb. 9, 1926.


### Number Driven from New Mexico into California


### Number Killed by Dogs

1862-1853 (annual; total for the 5 years): state (no. of sheep killed by dogs; injured by dogs; value of the total loss from killing and injuries) In Calif. state agr. soc. Trans. 1864 and 1865, p.63.


### Number Raised

187-: Sonoma county (est. yearly production of sheep) In Calif. state agr. soc. Trans. 1874, p.415 (R. A. Thompson)
### Number Shorn

1919: state (total number shorn; number shorn on farms reporting sheep; number shorn on farms not reporting sheep) In Calif. State bd. agr. Statistical rept. 1920, p.94.


### Number Slaughtered


1858: counties. In Calif. Surveyor gen. Rept. 1858, following p.32 (County assessors)


1861: counties. In Calif. Surveyor gen. Rept. 1861, table 2, following p.16 (Assessors' repts.)


Monterey county figure is for 1863 (Assessors' reports)


## Price

See also Value Per Head

### Price Per Cwt.


### Receipts

Sheep - Continued

Shipments


1900, 1899: state. In Calif. state agr. soc. Trans. 1901, p. 220 (Humboldt Standard)

1905: counties (shipped out of county) In Calif. state agr. soc. Rept. 1905 (see Contents under names of counties)


1914-1909, 1907, 1904, 1902-1900 (annual): shipped from Port of Eureka (Number and lbs.) In Calif. Bd. harbor commissioners for the Port of Eureka. Official repts. 1914-1909, 1907, 1904, 1902-1900 (Each rept. gives data for one year only)


1927: interstate shipments showing states of origin; showing counties (Calif.) of destination; total (feeder sheep; sheep other than feeder sheep and rams) In Calif. Dept. agr. Monthly bul. v. 16, Dec. 1927, p. 704, 705.

Value


1873: Sonoma county (est. value of sheep produced) In Calif. state agr. soc. Trans. 1874, p. 415 (R. A. Thompson)


1875, 1874: state and county (fine, common sheep-assessed value) In Calif. State bd. equalization. Rept. 1874-1875, p. 30-33, 60-61.

1877, 1876: state and county (fine, common sheep assessed) In Calif. State bd. equalization. Bien. rept. 1876-77, p. 24-27, 44-47.
Value - Continued


1880: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.90-93.

1882: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.78-81.

1883: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.62-63.

1884: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.87-88.

1885: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p.62.

1887: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.61.

1888: state (value of sheep and cattle) In Calif. state agr. soc. Trans. 1890, p.203 (W. H. Mills)

1888: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.81.

1889: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.43.

1890: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.62.

1891: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.43.

1892: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.71.

1893: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.55.

1894: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.85.

1895: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.26.
**Value - Continued**

1896: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p.69.

1897: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.26-27.

1898: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.68-69.

1900(June 1): state sheep on farms - classified by ewes, rams, wethers) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bulletin Apr. 29, 1902)

1901: Stanislaus county (Imported or fine, common) In Calif. state agr. soc. Trans. 1901, p.436 (County assessor)

1902: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1899-1902, p.64.


1904: state and county (imported or fine and graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1903-1904, p.49.

1904: counties (sometimes listed as sheep, sometimes classified as imported or fine, graded, common) In Calif. state agr. soc. Rept. 1904 (See Contents under names of counties) (County assessors)

1905: counties (imported, common) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)

1906: state and county (imported or fine and graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1905-1906, p.68.

1906 (tables headed 1905-06): counties (imported, common, graded) In Calif. state agr. soc. Rept. 1906 (See contents under names of counties)

1907 (tables headed 1906-07): counties (sometimes listed as sheep, sometimes as imported, graded, etc.) In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)

1908: state and county (imported or fine and graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p.79.

1908 (tables headed 1907-1908): counties (sometimes listed as sheep, sometimes as imported, graded, etc.) In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)

1909 (tables headed 1908-09): counties In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)
Value - Continued

1910: state and county (imported or fine and graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1909-1910, p.80.
1910 (tables headed 1909-10): counties (thoroughbred sheep for Yolo county) In Calif. state agr. sec. Rept. 1910 (See Contents under names of counties)
1910: counties (on farms and ranges) In Calif. State bd. agr. Repts. 1911, 1914-1916 (U. S. Census)
1912: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1911-1912, p.49.
1912-1869 (annual, as of Jan. 1): state (farm value) In Calif. State bd. agr. Rept. 1912, p.38; 1869-1911 also in Rept. 1911, p.51. (Federal statistics)
1913-1867 (annual, as of Dec. 31): state (farm value) In Calif. State bd. agr. Statistical rept. 1913, p.41 (Federal statistics)
1914: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1913-1914, p.84.
1914: Tehama county In Calif. State bd. agr. Statistical rept. 1915, p.11 (Chamber of Commerce)
1914-1874 (annual, as of Dec. 31): state (farm value) In Calif. State bd. agr. Statistical rept. 1914, p.39 (Federal statistics)
1916-1876 (annual, as of Dec. 31): state (farm value) In Calif. State bd. agr. Statistical rept. 1916, p.42 (Federal statistics)
1917-1877 (annual): state (farm value Dec. 31) In Calif. State bd. agr. Statistical rept. 1917, p.50 (Federal statistics)
1918: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1917-1918, p.35.
1918: Los Angeles, Santa Clara counties. In Calif. State bd. agr. Statistical rept. 1918, p.359, 429 (Chamber of Commerce)
1918-1878 (annual): state (farm value Dec. 31) In Calif. State bd. agr. Statistical rept. 1918, p.65 (Federal statistics)
1920: state and county (on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p.96-106. State only on p.94.
Value - Continued

1920: counties (on farms and ranges) In Calif. State bd. agr. Statistical repts. 1940-1921 (U. S. Census)
1922: counties (reported by assessors) In Calif. State bd. equal- ization. Rept. 1921-1922, p.32.
1922-1920(annual): state (total value all sheep) In Calif. crop and livestock rept. Feb. 28, 1922.
1923-1922(annual); state (total value all sheep Jan. 1) In Calif. crop and livestock rept. Jan. 30, 1923.
1924: counties (reported by assessors) In Calif. State bd. equal- ization. Rept. 1923-1924, p.32.
1926,1925: state compared with U.3. (value on farms) In Calif. crop and livestock rept. Feb. 9, 1926.

Value of Imports

1912,1911,1909: imports to Port of Eureka. In Calif. Bd. harbor commission as for the Port of Eureka. Official repts. ... 1912, 1911,1909 (Each rept. gives data for one year only)
Value of Imports - Continued


Value of Sheep Slaughtered

1858: counties. In Calif. Surveyor gen. Rept. 1858, following p.32. (County assessors)
1861: counties. In Calif. Surveyor gen. Rept. 1861, table 2, following p.16 (Assessors' repts.)

Value of Shipments:

Value Per Head

1860: state and county (imported or fine, graded, common sheep, reported by assessors) In Calif. State bd. equalization. Rept. 1860, p.90-93.
1882: counties (imported or fine, graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.78-81.
1883: counties (average price per head under 1 year old; over 1 year old) In Calif. state agr. soc. Trans. 1883, p.204.
1888: counties (imported or fine, graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1888 and 1889, p.62-63.
1884: counties (imported or fine, graded, common sheep reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.97-98.
1900 (June 1): state (average) value of sheep on farms - classified by sexes, runs and wethers) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bulletin Apr. 29, 1902)
1909: Fresno county (high, low price per head paid to farmers) In Calif. state agr. soc. Rept. 1909, p.64.
Value Per Head - Continued


1920: state (on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.


1921(Jan. 1): state (average price per head) In Farm management notes for Calif., p.19 (U.S.D.A.)


1922-1920(annual): state (price per head of all sheep) In Calif. crop and livestock rept. Feb. 28, 1922.


1926,1925: state compared with U.S. (price per head on farms Jan. 1) In Calif. crop and livestock rept. Feb. 9, 1926.


BUCKS

Number and Value


ELKS

Number

1920: state (on farms - 1 year old and over) In Calif. State bd. agr. Statistical rept. 1920, p.94.
1920: state and county (on farms - 1 year old and over on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p.96-106.

Price See also Value Per Head

Price per Cwt.

1921: 5 districts - returns from 150 correspondents shown by districts (price on ranch Nov. 1, live weight) In Calif. crop and livestock rept. Nov. 10, 1921.
1922: 5 districts (price on ranch the 1st of each month - excluding July - live weight) In Calif. crop and livestock repts. Jan. 6, Feb. 6, Mar. 7, Apr. 4, May 10, June 9, Aug. 9, Sept. 11, Oct. 10, Nov. 9, Dec. 7, 1922.
1925: 5 districts (price on ranch the 1st of each month from Jan.-April, live weight) In Calif. crop and livestock repts. Jan. 9, Feb. 10, Mar. 10, April 10, 1925.

Value

1920: state (on farms - 1 year old and over) In Calif. State bd. agr. Statistical rept. 1920, p.94.

Value Per Head

Value Per Head - Continued

1920: state (on farms - 1 year old and over) In Calif. State bd. agr. Statistical rept. 1920, p.94.
1922-1920 (annual): state (price per head) In Calif. crop and livestock rept. Feb. 28, 1922.

Imports (Number and Value)


Number

1858: counties. In Calif. Surveyor gen. Rept. 1858 following p.32. (County assessors)
Number - Continued


1869 (table headed 1869-70): state and county (Cashmere and Angora goats) In Calif. state agr. soc. Trans. 1870, p.188-189. (County assessors)


1870 (table headed 1870-71): state and county (Cashmere and Angora goats) In Calif. state agr. soc. Trans. 1871, p.398-399. (County assessors)

1871 (table headed 1872): state (Cashmere and Angora goats) In Calif. state agr. soc. Trans. 1872, p.384 (County assessors)


1872 (tables headed 1873): state and county (Cashmere and Angora goats) In Calif. state agr. soc. Trans. 1873, p.242-245; in Calif. Surveyor gen. Bien. rept. 1871/73, p.72-73 (County assessors)
1872: certain counties (Cashmere and Angora goats) In Calif. state agr. soc. Trans. 1873, p.255,258,261,265; in Calif. Surveyor gen. Bien. rept. 1871/73, p.85,86,91,95. Tehama county figure is said to be for 1873. (County assessors)


1874: state and county (Cashmere and Angora goats) In Calif. state agr. soc. Trans. 1875, p.132-133; in Calif. Surveyor gen. Bien. rept. 1873/75, p.64-65 (County assessors)


1876: state and county (Cashmere and Angora) In Calif. state agr. soc. Trans. 1876, p.128-129; in Calif. Surveyor gen. Bien. rept. 1875/77, p.56-57 (County assessors)


1877: state and county (Cashmere and Angora) In Calif. state agr. soc. Trans. 1878, p.354-355. (County assessors)


1880: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.86-91.

1880(tables headed 1879-80): counties (Cashmere and Angora). In Calif. Surveyor gen. Rept. 1879/80, p.70-71. (County assessors)

1882: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.76-79.

1883: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.60-61.

1884: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.86.


1886: state and county (common, Angora goats reported by assessors)
  In Calif. State bd. equalization, Rept. 1885 and 1886, p.63.
1887: state and county (common, Angora goats reported by assessors)
  In Calif. State bd. equalization. Rept. 1887 and 1888, p.62.
1888: state and county (common, Angora goats reported by assessors)
  In Calif. State bd. equalization. Rept. 1887 and 1888, p.62.
1889: state and county (common, Angora goats reported by assessors)
  In Calif. State bd. equalization. Rept. 1889 and 1890, p.44.
1890: state and county (common, Angora goats reported by assessors)
  In Calif. State bd. equalization. Rept. 1889 and 1890, p.44.
1891: state and county (common, Angora goats reported by assessors)
  In Calif. State bd. equalization. Rept. 1891 and 1892, p.44.
    (Number of Angora goats given for state and 4 counties only)
1892: state and county (common, Angora goats reported by assessors)
  In Calif. State bd. equalization. Rept. 1891 and 1892, p.72.
    (Number of Angora goats given for state and 5 counties only)
1893: state and county (Common, Angora goats reported by assessors)
  In Calif. State bd. equalization. Rept. 1893 and 1894, p.56.
    (Number of Angora goats given for state and 5 counties only)
1894: state and county (common, Angora goats reported by assessors)
  In Calif. State bd. equalization. Rept. 1893 and 1894, p.66.
1895: state and county (common, Angora goats reported by assessors)
  In Calif. State bd. equalization. Rept. 1895 and 1896, p.27.
1896: state and county (common, Angora goats reported by assessors)
  In Calif. State bd. equalization. Rept. 1895 and 1896, p.70.
1897: state and county (Angora, common goats reported by assessors)
1898: state and county (Angora, common goats reported by assessors)
  In Calif. State bd. equalization. Rept. 1897 and 1898, p.69-70.
1900(June 1): state (on farms; not on farms) In Calif. state agr.
  soc. Trans. 1901, p.142 (U. S. Census Bulletin)
1902: state and county (Angora, common goats reported by assessors)
1904: counties (Angora, common goats reported by assessors) In
1904: counties (sometimes listed as goats, sometimes as Angora, Common)
  In Calif. state agr. soc. Rept. 1904 (See Contents under names of
  counties)(County assessors)
1905: counties (Angora, common) In Calif. state agr. soc. Rept. 1905.
    (See Contents under names of counties)
1906: state and county (Angora, common) In Calif. state agr. soc. Rept. 1906.
    (See Contents under names of counties)
1906(tables headed 1905-06): counties (Angora, common) In Calif. state
  agr. soc. Rept. 1906 (See Contents under names of counties)
Number - Continued

1907 (tables headed 1906-07): counties (Angora, common) In Calif. state agr. soc. Rept. 1907 (see Contents under names of counties)
1908: state and county (Angora, common goats reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p.79.
1908 (tables headed 1907-08): counties (Angora, common) In Calif. state agr. soc. Rept. 1908 (see Contents under names of counties)
1909 (tables headed 1908-09): counties (Angora, common) In Calif. state agr. soc. Rept. 1909 (see Contents under names of counties)
1910 (tables headed 1909-10): counties (Angora, common) In Calif. state agr. soc. Rept. 1910 (see Contents under names of counties)
1910: state (on farms; not on farms; total) In Calif. State bd. agr. Repts. 1912-1918.
1910: state and county (on farms and ranges) In Calif. State bd. agr. Repts. 1911-1913 (U. S. Census)
1910,1900: state and county (on farms and ranges) In Calif. State bd. agr. Repts. 1912-1913 (U. S. Census)
1912: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1911-1912, p.50.
1914: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1913-1914, p.64.
1914: Tehama county (Angora goats) In Calif. State bd. agr. Statistical rept. 1915, p.411 (Chamber of commerce)
1916: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1917-1918, p.35.
1920: state (total goats; goats, 1 year old and over, raised for fleeces; all other goats - on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.
1920: state (total; on farms; not on farms) In Calif. State bd. agr. Statistical rept. 1920, p.95.
1920: state and county (total; under 1 year of age, raised for fleeces; all other goats and kids on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p.97-107.
1920: counties (on farms and ranges) In Calif. State bd. agr. Statistical repts. 1920-1921 (U. S. Census)
Number - Continued

1920 (Jan. 1); 1910 (Apr. 15): state (not on farms; with increase or decrease in number and per cent over 1910) In Calif. State bd. agr. Statistical rept. 1920, p. 95.


1924: state and county (no. stock goats; milk goats; no. slaughtered during 1924-1926 for foot and mouth disease with per cent slaughtered) In Calif. Dept. agr. Special pub. 65, p. 54.


1926: state and county (stock, milk goats reported by assessors) In Calif. State bd. equalization. Rept. 1925-1926, p. 33, 34.

Number Grazed on National Forests


Number Born

1919: state (on farms) In Calif. State bd. agr. Statistical rept. 1920, p. 94.


Number Slaughtered

1924-1926: state and county (no. slaughtered during 1924-1926 for foot and mouth disease with per cent slaughtered) In Calif. Dept. agr. Special pub. 65, p. 54; in Calif. Dept. agr. Monthly bul. v. 14, July-Dec. 1925, p. 188.

Shipments

1900: Humboldt county (Angora goats) In Calif. State bd. agr. soc. Trans. 1901, p. 220 (Humboldt Standard)


1914, 1900: shipped from Port of Eureka (number and lbs.) In Calif. Bd. harbor commissioners for the Port of Eureka. Official repts. ... 1914, 1900 (Each rept. gives data for one year only)

Value


1876, 1877: state and county (assessed) In Calif. State bd. equalization. Bion. rept. 1876-77, p. 34-35, 44-45.
1880: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1880, p. 88-91.
1882: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p. 76-79.
1883: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p. 60-61.
1884: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p. 66.
1886: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p. 62.
1887: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p. 62.
1888: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1888 and 1889, p. 44.
1890: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1890 and 1891, p. 62.
1891: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p. 44.
(Values of Angora goats given for state and 6 counties only)
1892: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p. 72.
(Values of Angora goats given for state and 5 counties only)
1893: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p. 56.
(Values of Angora goats given for state and 6 counties only)
1894: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p. 66.
1895: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p. 27.
1896: state and county (common, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p. 70.
1897: state and county (Angora, common goats reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p. 27-28.
1898: state and county (Angora, common goats reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p. 69-70.
1900(June 1): state (on farms) In Calif. state agr. soc. Trans. 1901, p. 142 (U. S. Census Bulletin)
1902: state and county (Angora, common goats reported by assessors) In Calif. State bd. equalization. Rept. 1900-1902, p. 65.
1904: state and county (Angora, common goats reported by assessors) In Calif. State bd. equalization. Rept. 1903-1904, p. 40.
Value - Continued

1904: counties (sometimes listed as goats, sometimes as Angora, common) In Calif. state agr. soc. Rept. 1904 (See Contents under names of counties) (County assessors).
1905: counties (Angora, common) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906: state and county (Angora, common goats reported by assessors) In Calif. State bd. equalization. Rept. 1905-1906, p.68.
1906 (Tables headed 1905-06): counties (Angora, common) In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1907 (Tables headed 1906-07): counties (Angora, common) In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1908 (Tables headed 1907-08): counties (Angora, common) In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1909 (Tables headed 1908-09): counties (Angora, common) in Calif.
1910: state (total; on farms; not on farms) In Calif. State bd. agr. Repts. 1912-1918.
1911: state and county (Angora, common goats reported by assessors) In Calif. State bd. equalization. Rept. 1909-1910, p.81.
1910: counties (on farms and ranges) In Calif. State bd. agr. Repts. 1911, 1914-1918 (U. S. Census)
1910 (Tables headed 1909-10): counties (Angora, common) In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)
1912: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1911-1912, p.50.
1914: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1913-1914, p.84.
1914: Tehama county (Angora goats) In Calif. State bd. agr. Statistical repts. 1915, p.411 (Chamber of commerce)
1916: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1917-1918, p.35.
1918: Los Angeles, Santa Clara counties. In Calif. State bd. agr. Statistical repts. 1918, p.359, 429 (Chambers of commerce)
1920: state (total goats; goats 1 year old and over, raised for fleeces; all other goats) In Calif. State bd. agr. Statistical repts. 1920, p.94.
1920: counties (on farms and ranges) In Calif. State bd. agr. Statistical repts. 1920-1921 (U. S. Census)
Value - Continued


Value of Shipments

1914,1900: shipped from port of Eureka (number and lbs.) In Calif. Bd. harbor commissioners for the Port of Eureka. Official repts. ...

Value Per Head

1880: state and county (coyown, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.36-37.
1881: counties (coyown, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.76-79.
1883: counties (coyown, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.60-61.
1884: counties (coyown, Angora goats reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.66.
1900(June 1): state (on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bulletin)
1923: state (total goats: goats, 1 year old and over, raised for fleeces; all other goats on farms) In Calif. State bd. agr. Statistical rept. 1920, p.72.

CARE AND KIDS

Number and Value (Total calm Fair) 1910: state (all ages - on farms) In Calif. State bd. agr. Repts. 1911-1916.

KIDS

Number.

1920: state and county (under 1 year of age, raised for fleeces - on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p.97-107. State only, p.94.

Value (Total and Per Head) 1920: state (Kids on farms - under 1 year of age, raised for fleeces) In Calif. State bd. agr. Statistical rept. 1920, p.94.
1874,1875: state and county (returned for assessment) in Calif. State bd. equalization. Rept. 1874-75, p.32-33,60-61.
1880: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1880, p.92-98.
1882: counties (reported by assessors) in Calif. State bd. equalization. Rept. 1881 and 1882, p.60-61.
1883: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1883 and 1884, p.63.
1884: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1883 and 1884, p.89.
1885: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1885 and 1886, p.61.
1886: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1886 and 1887, p.60.
1887: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1887 and 1888, p.60.
1888: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1888 and 1889, p.80.
1889: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1889 and 1890, p.82.
1890: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1890 and 1891, p.61.
1891: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1891 and 1892, p.42.
1892: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1891 and 1892, p.70.
1893: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1893 and 1894, p.54.
1894: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1893 and 1894, p.84.
1895: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1895 and 1896, p.25.
1896: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1895 and 1896, p.68.
1897: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1897 and 1898, p.27.
1898: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1897 and 1898, p.69.
1900: state (on farms; not on farms) in Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bulletin Apr. 29, 1902).
Number - Continued

1901: Stanislaus county. In Calif. state agr. soc. Trans. 1901, p. 36 (County assessor).
1902: state and county (reported by assessors). In Calif. State Bd.
1904: counties (reported by assessors). In Calif. State bd. equali-
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents
under names of counties) (County assessors).
1906: state and county (reported by assessors). In Calif. State bd.
Rept. 1906 (See Contents under names of counties).
Rept. 1907 (See Contents under names of counties).
1908: state and county (reported by assessors). In Calif. State bd.
equalization. Rept. 1907-1908, p. 79.
1908 (Tables headed 1907-08): counties. In Calif. state agr. soc.
Rept. 1908 (See Contents under names of counties).
Rept. 1909 (See Contents under names of counties).
agr. Repts. 1911-1918.
1910: state and county (spring lambs on farms). In Calif. State bd.
gr. Repts. 1912-1918.
1910: state and county (reported by assessors). In Calif. State bd.
1910: counties (spring lambs on farms and ranges). In Calif. State
Rept. 1910 (See Contents under names of counties).
1918: Calaveras, Merced counties (reported by assessors). In Calif.
State bd. equalization. Rept. 1917-1918, p. 35, footnote.
1920: state and county (under 1 year of age on farms and ranges) In
Calif. State bd. agr. Statistical rept. 1920, p. 96-106. State
only, p. 94.

Price See also Value Per Head.

Price Per Cwt.
1921: 5 districts - returns from 150 correspondents shown by districts
(price on ranch Nov. 1, live weight). In Calif. crop and livestock
rept. Nov. 10, 1921.
Price Per Cwt. - Continued


1922: 5 districts (price on ranch the 1st of each month - excluding July - live weight) In Calif. crop and livestock repts. Jan. 6, Feb. 6, Mar. 7, Apr. 4, May 10, June 9, Aug. 9, Sept. 11, Oct. 10, Nov. 9, Dec. 7, 1922.

1923: 5 districts (price on ranch the 1st of each month live weight) In Calif. crop and livestock repts. Jan. 8, Feb. 6, Mar. 10, Apr. 9, May 8, June 9, July 9, Aug. 9, Sept. 10, Oct. 10, Nov. 9, Dec. 1, 1923.


1925: 5 districts (price on ranch the 1st of each month from Jan.- April, live weight) In Calif. crop and livestock repts. Jan. 9, Feb. 10, Mar. 10, Apr. 10, 1925.

Value

1873, 1872: state and county (assessed value) In Calif. State bd. equalization. Rept. 1872-73, p. 4-45, 60-61.

1875, 1874: state and county (assessed value) In Calif. State bd. equalization. Rept. 1874-75, p. 32-33, 60-61.


1880: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1880, p. 92-93.

1882: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p. 60-61.

1883: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p. 63.

1884: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p. 69.

1886: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p. 61.

1887: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p. 60.

1888: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p. 63.

1889: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p. 42.

1890: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p. 61.

1891: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p. 42.
Valua - Continued

1892: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1891 and 1892, p.70.
1893: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1893 and 1894, p.54.
1897: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1897 and 1898, p.27.
1898: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1897 and 1898, p.69.
1900(1909): state (on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bulletin Apr. 29, 1902)
1901: Stanislaus county. In Calif. state agr. soc. Trans. 1901, p.436 (County assessor)
1904: counties. In Calif. state agr. soc. Rpt. 1904 (See Contents under names of counties)(County assessors)
1905: counties. In Calif. state agr. soc. Rpt. 1905 (See Contents under names of counties)
1907(1906-07): counties. In Calif. state agr. soc. Rpt. 1907 (See Contents under names of counties)
1908: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1907-1908, p.79.
1908(1907-08): counties. In Calif. state agr. soc. Rpt. 1908 (See Contents under names of counties)
1920: state (on farms - under 1 year of age) In Calif. State bd. agr. Statistical rept. 1920, p.94.
Value Per Head

1884: counties (reported by assessor) In Calif. State bd. equalization. Rpt. 1883 and 1884, p.69.

1900 (June 1): state (on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census Bulletin Apr. 29, 1902)
1909: Fresno county (high, low price per head paid to farmers) In Calif. state agr. soc. Rept. 1909, p.64.
1920: state (on farms - under 1 year of age) In Calif. State bd. agr. Statistical rept. 1920, p.94.

Number

1920: state and county (1 year old and over, on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p.96-106. State only, p.94.

Shipments

### Number

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### Value (Total and Per Head)

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### Rams and Wethers

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Price

See also Value Per Head

Price Per Cwt.

1921: 5 districts - returns from 150 correspondents shown by districts
(price on ranch Nov. 1, live weight) in Calif. crop and livestock
rept. Nov. 10, 1921.

1922: 5 districts (price on ranch the 1st of each month - excluding
July - live weight) in Calif. crop and livestock repts. Jan. 6,
Feb. 6, Mar. 7, Apr. 4, May 10, June 9, Aug. 9, Sept. 11, Oct. 10,
Nov. 9, Dec. 7, 1922.

1923: 5 districts (price on ranch the 1st of each month, live weight)
9, May 8, June 9, July 9, Aug. 8, Sept. 10, Oct. 10, Nov. 9, Dec.
1, 1923.

1924: 5 districts (price on ranch the 1st of each month, live weight)
in Calif. crop and livestock repts. Jan. 8, Feb. 6, Mar. 10, Apr.
17, 1924.

1925: 5 districts (price on ranch the 1st of each month from Jan.
- Apr., live weight) in Calif. crop and livestock repts. Jan. 9,
Feb. 10, Mar. 10, Apr. 10, 1925.

Value

1920: state (1 year old and over - on farms). in Calif. State bd.
agr. Statistical rept. 1920, p.94.

Value Per Head

1920: state (1 year old and over - on farms) in Calif. State bd.
agr. Statistical rept. 1920, p.94.

1921, p.117.

1922-1920 (annual): state (price per head) in Calif. crop and live-
stock rept. Feb. 28, 1922.

1923-1921 (annual): state (price per head Jan. 1) in Calif. crop and

1924-1922 (annual): state (value Jan. 1) in Calif. Dept. agr. Special
pub. 43, p.28; in Calif. Dept. agr. Monthly bul. v.12, July-Dec.
1923, p.465.

1925-1923 (annual): state (value Jan. 1) in Calif. Dept. agr. Special
1924, p.266.

1926, 1925 (Jan. 1): state. in Calif. Dept. agr. Special pub. 68, p.44;

1927-1925 (annual): state (price per head Jan. 1) in Calif. Dept. agr.
Special pub. 74, p.43; in Calif. Dept. agr. Monthly bul. v.15, July-
Dec. 1926, p.256.

1928-1926 (annual, Jan. 1): state (value per head) in Calif. Dept. agr.
1927, p.816.
Cost of Production

1915/16, 1918/19 (or normal, high periods): state (operating costs of the hog industry - detailed data include market prices for land, costs of stocking, labor costs, feed costs, farm returns for products) In Farm management notes for Calif., p.112.

Freight Rates


1911: freight rates on cattle, hogs and sheep between Santa Cruz and given points (adjustment of rates due to complaint of Jan. 5; old rates, new rates and reduction per car (given) In Calif. Railroad commission. Rept. Jan. 1911-June 1912, p.125.

Imports (Quantity and Value)


1912, 1913: imports to Port of Eureka. In Calif. Bd. harbor commissioners for the Port of Eureka. Official repts. ... 1912, 1913. (Each rept. gives data for one year only)

Number


1862: state. In Calif. State bd. agr. Rept. 1911, p.34 (State census)


1862: 6 counties. In Calif. Surveyor gen. Rept. 1852, p.44,50,52,54, 57,61 (County assessors or surveyors)

1854: counties. In Calif. Surveyor gen. Rept. 1854, p.25,54,55,62, 68,71,72,73,75,76. (County assessors or surveyors)

1854: Colusi county. In Calif. Surveyor gen. Rept. 1855, p.270 (County assessor)

1855: counties. In Calif. Surveyor gen. Rept. 1855, following; p.50; p.219-320. Total for all counties p.51 (County assessors)
HOGS - Continued


1858: counties. In Calif. Surveyor gen. Rept. 1858, following p.32. (County assessors)


1859-1855,1852 (annual): state. In Calif. state agr. soc. Trans. 1859, p.345 (Increase or decrease in number of hogs for various periods within 1852-1859 given on p.346)


1860,1865: state. In Calif. State bd. agr. Rept. 1911, p.34. (Federal census)


1869 (table headed 1869-70): state and county. In Calif. state agr. soc. Trans. 1870, p.183-189. (County assessors)


1870 (table headed 1870-71): state and county. In Calif. state agr. soc. Trans. 1871, p.398-399. (County assessors)
1870: state and county. In Calif. Surveyor gen. Statistical rept. 1869, p.22-23; also in Rept. 1869/71, p.23-29 (County assessors)
1871 (table headed 1872): state. In Calif. state agr. soc. Trans. 1872, p.384 (County assessors)
1877: state and county. In Calif. state agr. soc. Trans. 1878, p.354-365. (County assessors)
Number - Continued

1866: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1866 and 1866, p. 60.
1868: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1867 and 1868, p. 79.
1869: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1869 and 1869, p. 41.
1890: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1890 and 1890, p. 60.
1892: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1891 and 1892, p. 69.
1893: state and county. In Calif. state agr. soc. Trans. 1893, p. 154-155 (County assessors)
1893, 1892: Mariposa county (includes shasta) In Calif. state agr. soc. Trans. 1893, p. 385.
Number - Continued  

1905 (June 1): state (on farms; not on farms) In Calif. state agr. soc. Trans. 1901, p. 142 (U. S. Census Bulletin)  


1902: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1899-1902, p. 61.  


1904: counties. In Calif. state agr. soc. Rept. 1904 (See Contents under names of counties)(County assessors)  

1904: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1903-1904, p. 36.  

1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)  


1906 (tables headed 1906-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)  

1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)  

1908: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p. 77.  

1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)  

1909 (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)  


1910 (tables headed 1909-10): counties (thoroughbred hogs for Yolo county) In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)  


1910: counties (hogs and pigs on farms and ranges) In Calif. state bd. agr. Repts. 1911, 1914-1916 (U. S. Census)  


1910: state and county (not on farms; on farms and ranges) In Calif. State bd. agr. Repts. 1912-1918.
1910-1880 (10 year periods); state (on farms) In Calif. State bd. agr. Repts. 1911-1919.
1912: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1911-1912, p. 46.
1912-1869 (annual, Jan. 1); state (on farms) In Calif. State bd. agr. Rept. 1912, p. 40 (1869-1911 also in Rept. 1911, p. 55)
(Federal statistics)
1912-1869 (annual, as of Dec. 31); state (on farms) In Calif. State bd. agr. Statistical rept. 1918, p. 48 (Federal statistics)
1914: counties (reported by assessors) In Calif. State bd. equalization, Rept. 1913-1914, p. 33.
1915-1875 (annual, Dec. 31); state (on farms) In Calif. State bd. agr. Statistical rept. 1915, p. 49 (1874-1914 also in Rept. 1914, p. 41) (Federal statistics)
1916-1875 (annual, Dec. 31); state (on farms) In Calif. State bd. agr. Statistical rept. 1916, p. 43 (Federal statistics)
1917-1877 (annual, Dec. 31); state (on farms) In Calif. State bd. agr. Statistical rept. 1917, p. 51 (Federal statistics)
1918: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1917-1918, p. 34 (under county figure is given in pounds).
1918-1878 (annual, Dec. 31); state (on farms) In Calif. State bd. agr. Statistical rept. 1918, p. 66 (Federal statistics)
1919-1880 (annual, Dec. 31); state (on farms) In Calif. State bd. agr. Statistical rept. 1919, p. 54 (Federal statistics)
1920: state (not on farms; total no.) In Calif. State bd. agr. Statistical rept. 1920, p. 94-95.
1920: state (hogs, 6 mos. old and over, except pigs under 6 mos. old, sows and gilts for breeding, 6 mos. old and over, and boars for breeding, 6 mos. old and over - on farms) In Calif. State bd. agr. Statistical rept. 1920, p. 94.
### Number - Continued

1920: state and county (hogs, 6 mos. old and over, except pigs, under 6 mos. old, sows and giltis for breeding 6 mos. old and over, and boars for breeding 6 mos. old and over, total - on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p.97-107.

1920: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1919-1920, p.29.


1920(Jan. 1)1910(Apr.15): state (not on farms, with increase or decrease in number and per cent over 1910) In Calif. State bd. agr. Statistical rept. 1920, p.95.


1921(Dec. 31): state and county (on farms) In Calif. State bd. agr. Statistical rept. 1921, p.127 (U. S. Census)

1921(Jan. 1): state (number on hand) In Farm management notes for Calif., p.19 (U.S.D.A.)


1922: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1921-1922, p.31.

1922-1920(annual): state and counties by districts (est. no. swine on farms Jan. 1) In Calif. crop and livestock rept. Feb. 28, 1922.


1924: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1923-1924, p.31 (Yurn, Madura, San Joaquin and Stanislaus county figures are given in pounds)


1924-1922(annual): state and counties by districts (est. no. on farms Jan. 1) In Calif. Dept. agr. Special pub. 42, p.29 (state only, p.28); in Calif. Dept. agr. Monthly bul. v.12, July-Dec. 1923, p.466 (state only, p.465)

1925,1920,1910,1900,1890,1880: state (total no. swine; relative no. using 1880 as 100) In Calif. Agr. exp. sta. pub. 418, p.17 (U. S. Census and 1925 Census of agr.)

1925-1923(annual): state and counties by districts (est. no. on farms Jan. 1) In Calif. Dept. agr. Special pub. 50, p.82 (state only, p.33); in Calif. Dept. agr. Monthly bul. v.13, July-Dec. 1924, p.267 (state only, p.266)

Number - Continued

1926: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1925-1926, p.32, (6 county figures are given in pounds)
1926,1925: state compared with U.S. (no. on farms) In Calif. crop and livestock rept. Feb. 9, 1926.
1927-1925 (annual): state and county (on farms Jan. I) In Calif. Dept. agr. Special pub. no. 74, p.44 (state only p.43); in Calif. Dept. agr. Monthly bul. v.15, July-Dec. 1926, p.257 (State only p.256)

Number Grazed on National Forests

Number Slaughtered
1858: counties. In Calif. Surveyor gen. Rept. 1858, following p.32. (County assessors)
Number Slaughtered - Continued

1861: counties. In Calif. Surveyor gen. Rept. 1861, table 2, following p.16 (Assessors' repts.)
1863: state and county. In Calif. state agr. soc. Trans. 1863, p.244-245.
1894-1926: state (number slaughtered during 1924-1925 for foot and mouth disease) In Calif. Dept. agr. Monthly bul. v.14, July-Dec. 1925, p.138; in Calif. Dept. agr. Special pub. 65, p.54. (County statistics given also on p.54)

Price Per Cut.


Price See also Value Per Head

Production

1874: Sonoma county (est. annual production of hogs) In Calif. state agr. soc. Trans. 1874, p.415 (R. A. Thompson)

Purchasing Power

1926-1919 (annual), 1925-1919 (average): Calif. grape producing section (purchasing power in dollars; in per cent of 1919-1925 average; other chief farm products also given) In Calif. Agr. exp. sta. Bul. 429, p.123; chart based on this table p.97. (1926 figure is preliminary)

Shipments

1905: counties (shipped out of state) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
Shipments - Continued
1914-1913, 1911-1908, 1906-1904, 1902-1900 (annual): shipped from the
Port of Eureka (live, number and pounds) In Calif. Bd. harbor
commissioners for the Port of Eureka. Official repts. . .
1914-1913, 1911-1908, 1906-1904, 1902-1900. (Each report gives
data for one year only)
1910 (Jan.-Apr. inc.), 1909 (calendar year): shipped from Imperial
219, p.1196.
1916 (year ended June 30): Port of Los Angeles (outbound domestic
commerce) In Los Angeles. Bd. harbor commissioners. Annual
rept. 1915/16, p.259.

Value
1859, p.64,76 (Assessors' repts.)
1860,1859: Yolo county (recapitulation of stock) In Calif. Surveyor
gen. Rept. 1860, p.36 (Assessor's rept.)
137: Sonoma county (est. value of hogs produced annually) In
.Calif. state agr. soc. Trans. 1874, p.415 (R. A. Thompson)
1873,1872: state and county (assessed value) In Calif. State bd.
1875,1874: state and county (assessed value) In Calif. State bd.
1877,1876: state and county (assessed) In Calif. State bd. equal-
1879,1878: state and county (assessed) In Calif. State bd. equal-
1880: state and county (reported by assessors) In Calif. State bd.
1882: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1881 and 1882, p.76-79.
1883: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1883 and 1884, p.61.
1884: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1883 and 1884, p.87.
1886: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1885 and 1886, p.60.
1887: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1887 and 1888, p.59.
1888: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1887 and 1888, p.79.
1889: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1889 and 1890, p.41.
1890: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1889 and 1890, p.60.
1891: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1891 and 1892, p.41.
Value - Continued

1892: state and county (reported by assessors) in Calif. State bd.
equalization. Rept. 1891 and 1892, p.69.
1893: state and county (reported by assessors) in Calif. State bd.
equalization. Rept. 1893 and 1894, p.58.
1894: state and county (reported by assessors) in Calif. State bd.
equalization. Rept. 1895 and 1896, p.22.
1895: state and county (reported by assessors) in Calif. State bd.
equalization. Rept. 1895 and 1896, p.65.
1896: state and county (reported by assessors) in Calif. State bd.
equalization. Rept. 1897 and 1898, p.22.
1897: state and county (reported by assessors) in Calif. State bd.
equalization. Rept. 1897 and 1898, p.65.
1898, 1899 (years ended Oct. 1): state (value of hogs produced on
dairies and creameries) in Calif. State dairy bur. 2nd [B10n.]
rept. 1896/98, p.10; in Calif. state agr. soc. Trans. 1899, p.31,32.
1899-90: state (value of hogs raised from by-products of dairies)
in Calif. state agr., soc. Trans. 1899, p.31,32 (State dairy
bureau).
1900 (June 1): state (on farms) in Calif. state agr. soc. Trans.
1901, p.142 (U. S. Census Bulletin).
1900, 1899 (years ended Oct. 1): state (value of hogs produced on
dairies and creameries) in Calif. State dairy bur. 3rd [B10n.]
rept. 1899/1900, p.22.
1902: state and county (reported by assessors) in Calif. State bd.
equalization. Rept. 1899-1902, p.61.
1902, 1901 (years ended Oct. 1): state (value of hogs produced on
dairies and creameries) in Calif. State dairy bur. 4th [B10n.]
rept. 1900/01-1901/02, p.25.
1903-1904, p.114.
1904: counties (swine) in Calif. state agr. soc. Rept. 1904 (See
Contents under names of counties).
1904: state and county (reported by assessors) in Calif. State bd.
equalization. Rept. 1903-1904, p.98.
1905: counties (swine) in Calif. state agr. soc. Rept. 1905 (See
Contents under names of counties).
1906: state and county (reported by assessors) in Calif. State bd.
1906 (tables headed 1905-06): counties (swine) in Calif. state agr.
soc. Rept. 1906 (See Contents under names of counties).
1907 (tables headed 1906-07): counties (swine) in Calif. state agr.
soc. Rept. 1907 (See Contents under names of counties).
Value - Continued

1908: state and county (reported by assessors) In Calif. State bd. equalization. Rupt. 1907-1908, p.77.
1908 (tables headed 1907-08): counties (swine) In Calif. state agr. soc. Rupt. 1908 (See Contents under names of counties)
1909 (tables headed 1908-09): counties (swine) In Calif. state agr. soc. Rupt. 1909 (See Contents under names of counties)
1910: state (value of swine on farms - with amount and per cent of increase over 1900 in some cases) In Calif. State bd. agr. Repts. 1911-1918.
1910 (tables headed 1909-10): counties (swine) In Calif. state agr. soc. Rupt. 1910 (See Contents under names of counties)
1910: counties (hogs and pigs on farms and ranges) In Calif. State bd. agr. Repts. 1911, 1914-1918. (U. S. Census)
1913-1899 (annual, as of Dec. 31): state (farm value). In Calif. State bd. agr. Statistical rept. 1913, p.43 (Federal statistics)
1914: state and county (reported by assessors). In Calif. State bd. equalization. Rupt. 1913-1914, p.83.
1914-1874 (annual, as of Dec. 31): state (farm value). In Calif. State bd. agr. Statistical rept. 1914, p.41 (Federal statistics)
1917-1877 (annual, Dec. 31): state (farm value) In Calif. State bd. agr. Statistical rept. 1917, p.51 (Federal statistics)
1918: counties (reported by assessors) In Calif. State bd. equalization. Rupt. 1917-1918, p.34.
1918: Santa Clara county. In Calif. State bd. agr. Statistical rept. 1918, p.429 (Chamber of commerce)
1918-1878 (annual, Dec. 31): state (farm value) In Calif. State bd. agr. Statistical rept. 1918, p.66 (Federal statistics)
HOGS - Continued

Value - Continued

1919-1920 (annual, Dec. 31): state (farm value) In Calif. State bd. agr. Statistical rept. 1919, p.54 (Federal statistics)
1920: state (hogs 6 mos. old and over, except pigs, under 6 mos. old, sows and gilts for breeding, 6 mos. old and over, and boars for breeding, 6 mos. old and over) In Calif. State bd. agr. Statistical rept. 1920, p.94.
1920: state and county (total swine on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p.97-107 (State only, p.94)
1920: counties (on farms and ranges) In Calif. State bd. agr.
Statistical repts. 1920-1921 (U. S. Census)
1920: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1919-1920, p.29.
1921/22: 6 counties; total (value of hogs at hog auction sales held under farm bureau guidance) In Calif. agr. exp. sta. Rept.
1922/23, p.441.
1921/22, 1920/21: 6 counties (value of hogs at hog auction sales held under farm bureau guidance; decrease in amount) In Calif. agr.
exp. sta. Rept. 1922/23, p.442.
1922: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1921-1922, p.31.
1922-1920 (annual): state (total value all ages) In Calif. crop and livestock rept. Feb. 28, 1922.
1924: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1923-1924, p.31.
1926: state and county (reported by assessors) In Calif. state bd. equalization. Rept. 1925-1926, p.32.
Value - Continued


Value of Hogs Slaughtered


1858: counties. In Calif. Surveyor gen. Rept. 1858, following p.32 (County assessors)

1858,1857: state (aggregate value; average value of hogs slaughtered) In Calif. state agr. soc. Trans. 1859, p.347.


1863: state and county. In Calif. state agr. soc. Trans. 1863, p.244-245 (County assessors)


Value of Shipments


Value Per Head

1852: counties (average) In Calif. census of 1852, p.7.
1880: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.90-91.
1882: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.78-79.
1883: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.61.
1883: counties (average price per head of hogs under 1 year old, over 1 year old) In Calif. state agr. soc. Trans. 1883, p.205.
1884: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.87.
1900 (June 1): state (on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census)
1909: Fresno county (high, low price per lb. paid to farmers) In Calif. state agr. soc. Rept. 1909, p.64.
1913-1869 (annual, as of Dec. 31): state (average farm price). In Calif. State bd. agr. Statistical rept. 1913, p.43 (Federal statistics)
Value Per Head - Continued


1918-1878 (annual, Dec. 31): state (average price - swine on farms) in Calif. State bd. agr. Statistical rept. 1918, p.66 (Federal statistics)


1920: state (hogs, 6 mos. old and over except pigs, under 6 mos. old, sows and gilts for breeding; 6 mos. old and over, and boars for breeding, 6 mos. old and over - on farms; total) in Calif. State bd. agr. Statistical rept., 1920, p.94.


1921 (Jan. 1): state (average price per head) in Farm management notes for Calif., p.19 (U.S.D.A.)


1921/22: 6 counties; total (top price; aver. top price of hogs at auction sales held under farm bureau guidance) in Calif. Agr. exp. sta. Rept. 1922/23, p.441.

1921/22, 1920/21: 6 counties (price for each year of hogs at hog auction sale held under farm bureau guidance; increase in price) in Calif. Agr. exp. sta. Rept. 1922/23, p.442.

1922-1920 (annual): state (price per head all ages) in Calif. crop and livestock rept. Feb. 28, 1922.


1925-1923 (annual): state (price per head on farms Jan. 1) in Calif. crop and livestock rept. Feb. 10, 1925.

1926-1919 (annual), 1925-1919 (average): Calif. grape producing section (farm prices of swine; prices of other chief farm products and relative prices of non-agricultural commodities also given) in Calif. Agr. exp. sta. Bul. 429, p.123 (1926 figures are preliminary)
Value Per Head - Continued

1926, 1925: state, compared with U. S. (price per head Jan. 1) In Calif. crop and livestock rept. Feb. 9, 1926.

Boars

Number

1920: state and county (for breeding, 6 mos. old and over - on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p. 97-107. (State only, p. 94)

Value (Total and Average)

1920: state (boars on farms for breeding, 6 mos. old and over)
In Calif. State bd. agr. Statistical rept. 1920, p. 94.

Pigs

Number

Number - Continued

1910: counties (spring pigs on farms and ranges) In Calif. State bd. agr. Repts. 1911, 1914-1918 (U. S. Census)
1920: state and county (under 6 mos. old on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p.97-107 (State only p.94)

Price


See also Value Per Head

Production, Losses in


Value

1899/1900,1898/99: state (value of pigs raised on by-products) In Calif. State agr. soc. Trans. 1900, p.118 (State dairy bureau)
1920: state (on farms - under 6 mos. old) In Calif. State bd. agr. Statistical rept. 1920, p.94.

Value Per Head

1920: state (under 6 mos. old - on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.

SOWS AND GILTS

Number

1920: state and county (for brooding, 6 mos. old and over - on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p.97-107. (State only, p.94)

Value (Total and Average)

1920: state (for breeding, 6 mos. old and over - on farms) In Calif. State bd. agr. Statistical rept. 1920, p.94.

POULTRY

Cold Storage Holdings

Cold Storage Holdings - Continued


Cost of Production

1915/16, 1918/19 (or normal, high periods): state (operating costs of the poultry industry - detailed data include market price for feed, cost of stocking with white leghorns, labor costs, feeding costs, farm returns for products) In Farm management notes for Calif., p. 115.

1924/25 (Nov.-Oct.): 36 poultry farms, Sonoma county. In Calif. Agr. exp. sta. Bul. 413, tables 93-102, p. 147-155. (These tables give various cost data such as relation of size of flock to cost factors; relation of production of eggs per hen to cost factors; factors influencing cost of production on hatching egg and commercial egg flocks; and profits from hatching egg and commercial egg farms)

Egg-Feed Price Ratio:

Seasonal variation in the egg-feed price ratio; in quotations on extra eggs (median link relative method used) Petaluma and San Francisco. In Calif. Agr. exp. Bul. 413, table 17, p. 40; chart showing seasonal variations, fig. 16, p. 41.

1925-1910 (annual): Petaluma (chart showing wholesale price relatives of eggs; of feed; secular trend for eggs; for feed) In Calif. Agr. exp. sta. Bul. 413, fig. 14, p. 37.

1926-1911 (monthly and average annual): Petaluma, Calif. (number of dozens of extra eggs required to purchase 100 lbs. of feed of given mixture) In Calif. Agr. exp. sta. Bul. 413, table 16, p. 38; also chart on p. 39 for 1911-1925 (annual) giving egg-feed ratio and secular trend.

Freight Rates


**POULTRY - Continued**

**Freight Rates - Continued**


1925: from Petaluma to various transcontinental destinations (rates on dressed poultry, live poultry via freight; Amer. railway express ) In Calif. Agr. exp. sta. Bul. 413, p. 170 (South Pacific Co.)

**Imports**

Approximate annual imports: state. In Calif. state agr. soc. Trans. 1893, p. 109 (H. P. Chipman, State Bd. trade)

1893(?): state In Calif. state fruit growers' convention. Rept. 1893, p. 128 (Statement by Gov. Meridian)

1899/1900, 1898/99: state. In Calif. state agr. soc. Trans. 1900, p. 114 (Leroy Anderson)


**Number**


1852: Yuba county (fowls) In Calif. Surveyor gen. Rept. 1852, p. 44. (County assessor)

1855: Sacramento county (total of chickens, turkeys and peacocks) In Calif. Surveyor gen. Rept. 1855, p. 289 (County assessor)


1859-1852 (various periods): state (increase in number and per cent of poultry) In Calif. state agr. soc. Trans. 1859, p. 346.


1871-1874: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1874-75, p. 44-45, 72-73.


1880: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1880, p. 94-95.

1882: counties (reported by assessors) In Calif. State Bd. equalization. Rept. 1881 and 1882, p. 82-83.
POULTRY - Continued

Number - Continued

1883: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1883 and 1884, p.64.
1884: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1883 and 1884, p.69.
1886: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1885 and 1886, p.63.
1887: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1887 and 1888, p.62.
1888: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1887 and 1888, p.62.
1889: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1889 and 1890, p.44.
1890: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1889 and 1890, p.63.
1891: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1891 and 1892, p.44.
1892: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1891 and 1892, p.72.
1893: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1893 and 1894, p.56.
1894: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1893 and 1894, p.86.
1895: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1895 and 1896, p.27.
1896: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1895 and 1896, p.70.
1897: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1897 and 1898, p.28.
1898: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1897 and 1898, p.70.
(Does not include Indian reservations)
1902: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1899-1902, p.65.
1904: counties (reported by assessors) In Calif. State bd. equal-
ization. Rept. 1903-1904, p.41.
1904: counties. In Calif. state agr. soc. Rept. 1904 (See Contents
under names of counties)(County assessors)
1906: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1905-1906, p.64.
1907(Tables headed 1906-07): Contra Costa county (chickens, ducks
and geese); Tehama county (ducks, geese and turkeys) In Calif.
state agr. soc. Rept. 1907, p.69,197.
1908: state and county (reported by assessors) In Calif. State bd.
equalization. Rept. 1907-1908, p.86.
1908(Tables headed 1907-08): El Dorado county. In Calif. state agr.
soc. Rept. 1908, p.68.
Number - Continued

1910, 1900, 1890, 1880: state (total poultry and total of fowls other than chickens, turkeys, ducks, geese, guinea fowl, pigeons, ostriches) In Calif. State bd. agr. Repts. 1911-1918.
1912: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1911-1912, p.50.
1914: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1913-1914, p.85.
1918: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1917-1918, p.35.
1919, 1916: state (estimated head of poultry) In Farm management notes for Calif. p.18.
1920: counties (on farms and ranges) In Calif. State bd. agr. Statistical repts. 1920-1921 (U. S. Census)
1922: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1921-1922, p.33.
1924: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1923-1924, p.33.
1926: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1925-1926, p.34.

Number Per Farm


Number Raised


Per Cent of Distribution by Geographic Divisions

1920: U.S. geographic divisions. (U.S. = 100) (fowls) In Calif. Agr. exp. sta. Bul. 413, p.31 (U.S. Census)
Production

1908 (table headed 1907-08): Colusa county (dressed poultry) In Calif. state agr. soc. Rept. 1908, p. 60.

Receipts

1925 (monthly and total): receipts of dressed poultry at San Francisco; at Los Angeles by states; total receipts) In Calif. Agr. exp. sta. Bul. 413, p. 112-113 (U.S.D.A., B.A.E., San Francisco office)
1926-1924 (semi-annual): total San Francisco; Los Angeles receipts; San Francisco receipts from Calif.; Los Angeles receipts from Calif. (dressed poultry) In Calif. Agr. exp. sta. Bul. 413, fig. 45, p. 110.

Shipments

1868: freight traffic movement of 3 Calif. railroads (includes game and fish; per cent of total also given) In Calif. Bd. R. R. commissioners. Rept. 1869, appendix, p. 38, 80, 103.
Shipments - Continued


1896 (year ended June 30): various Calif. railroads. (includes game and fish; freight traffic movement; per cent of total usually given also) In Calif. Bd. R. R. commissioners. Rept. 1895-96, p. 103-301.

1899/1900; 1898/99: state. In Calif. state agr. soc. Trans. 1900, p. 114 (Loroy Anderson)

1900 (year ended June 30): various Calif. railroads - freight traffic movement (includes game and fish; per cent of total also given) In Calif. Bd. R. R. commissioners. Rept. 1900, p. 80-258.

1900; 1899: Humboldt county. In Calif. state agr. soc. Trans. 1901, p. 220 (Humboldt Standard)


1910/11-1911/12 (for period); shipped over Humboldt R. R. In Calif. Bd. state harbor commissioners for the Port of Eureka. Rept. 1910/12, p. 6.


1925-1905 (5 year periods) from Petaluma (chart) In Calif. Agr. exp. sta. Bul. 413, fig. 27, p. 71.

1873, 1874: state and county (assessed value), state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1874-75, p.44-45, 72-73.


1880: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1880, p.94-95.

1882: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1881 and 1882, p.82-83.

1883: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1883 and 1884, p.84.

1884: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1885 and 1884, p.89.

1886: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1885 and 1886, p.63.

1887: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1887 and 1888, p.62.


1889: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1889 and 1890, p.42.

1890: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1890 and 1890, p.63.

1891: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1891 and 1892, p.44.

1892: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1891 and 1892, p.72.

1893: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1893 and 1894, p.56.

1894: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1893 and 1894, p.86.

1895: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1895 and 1896, p.27.

1896: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1895 and 1896, p.70.

1897: state and county (reported by assessors) In Calif. State Bd. equalization. Rept. 1897 and 1898, p.28.
Value - Continued

1898: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p.70.
1900(June 1): state (fowls on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census)
1901: Southern Calif. (estimated value) In Calif. state agr. soc. Trans. 1901, p.135 (Los Angeles Chamber of Commerce)
1902: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1899-1902, p.55.
1904: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1903-1904, p.41.
1904: counties. In Calif. state agr. soc. Rept. 1904 (See Contents under names of counties)(County assessors)
1907: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1905-1906, p.64.
1907(Tables headed 1906-07): Contra Costa county (chickens, ducks, and geese); Tehama county (ducks, geese, and turkeys) In Calif. state agr. soc. Rept. 1907, p.69,197.
1908: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p.80.
1910: state (total value; value of fowls other than chickens, turkeys, ducks, geese, guinea fowls, pigeons, ostriches) In Calif. State bd. agr. Repts. 1912-1916.
1910: state (with amount and per cent of increase over 1900). In Calif. State bd. agr. Rept. 1911, p.59.
(U. S. Census)
1910(Tables headed 1909-10): Colusa county (dressed poultry); Tehama county (chickens, ducks, geese and turkeys) In Calif. state agr. soc. Rept. 1910, p.74,192.
1912: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1911-1912, p.50.
1914: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1913-1914, p.35.
1916: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1915-1916, p.56.
1918: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1917-1918, p.35.
Value - Continued
1920: state and county (on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p.97-107. (State only, p.110)
1920: counties (on farms and ranges) In Calif. State bd. agr. Statistical repts. 1920-1921 (U. S. Census)
1922: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1921-1922, p.33.
1924: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1923-1924, p.33.
1926: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1925-1926, p.34.

Value of Imports

Value of Shipments

Value Per Head
1860: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1860, p.94-95.
1882: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.82-83.
1883: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.84.
1884: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.89.

POULTRY AND DAIRY PRODUCTS

Shipments
POULTRY AND DAIRY PRODUCTS - Continued

Value

1855: Sonoma county (butter, cheese, eggs, chickens) In Calif. Surveyor gen. Rept. 1855, p.311 (County assessor)

POULTRY AND EGGS

Receipts

1900/01: receipts of shipments imported into Calif. by Santa Fe. In Calif. state agr. soc. Trans. 1901, p.163.

Value

1875: Sonoma county (estimated value of annual production) In Calif. state agr. soc. Trans. 1874, p.415 (R. A. Thompson)
1907(?): state (annual earning capacity) In Calif. state agr. soc. Rept. 1907, p.23 (L. R. Briggs)
1907: (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1908: (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1909: (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)
1909: (table headed 1908-09): Alameda county (poultry, eggs and pigeons) In Calif. state agr. soc. Rept. 1909, p.37
1910: (tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)
1915: Orange county (est. value) In Calif. State bd. agr. Statistical rept. 1915, p.350 (Chamber of commerce)
1916: Orange county (est. value) In Calif. State bd. agr. Statistical rept. 1916, p.376 (Chamber of commerce)

POULTRY, EGGS AND SLAUGHTERED ANIMALS

Value

1855: Napa county. In Calif. Surveyor gen. Rept. 1855, p.279 (County assessor)
CHIP KBITS

Cost of Production
Cost and profit data (average per pullet) in one flock of a three

- group pullet segregation, 1922/23 (3 months) In Calif. Agr. exp.

sta. [unnumbered circ.] "Poultry as a means of conserving the food
supply" by J. E. Dougherty.

Farm flock of 300 hens (summary of approximate expense and income
from 300 hens) In Calif. Agr. exp. circ. 186 [Nov. 1917], p.3.

Increase in Number of Chickens
Compared with Increase in Human Population

1925-1880: state (chart showing increase in chickens; eggs compared
with increase in total population) In Calif. Agr. exp. sta. Bul.
413, p.18. (U. S. Census and 1925 census of agr. 1925 figure
for population estimated)

Number
1852: Butte county. In Calif. Surveyor gen. Rept. 1852, p.54 (County
assessor)
1852: Santa Cruz, Solano, and Yolo counties (hens) In Calif. census
of 1852, p.38,47,54.
266 (County assessor)
(County assessor)
State total p.31 (County assessors)
p.22. State total p.64 (Assessors' repts.)
(County assessors)
1859: counties. In Calif. Surveyor gen. Rept. 1859, table 3, follow-
ing p.30. Number also given for some counties elsewhere in this
report (Assessors' repts.)
1860: counties. In Calif. Surveyor gen. Rept. 1860, table 2, follow-
ing p.30 (Assessors' repts.)
1861: counties. In Calif. Surveyor gen. Rept. 1861, table 2, follow-
ing p.16 (Assessors' repts.)
Rept. 1862, p.66-67. Number for some counties also given else-
where in this report (Assessors' repts.)
1863: state and county. In Calif. Surveyor gen. Rept. 1863, p.88-
89; in Calif. state agr. soc. Trans. 1863, p.242-243 (County
assessors)
(Assessors' repts.)
Number - Continued

1869: state and county. In Calif. state agr. soc. Trans. 1870, p.188-189 (County assessors)
1870: state and county. In Calif. Surveyor gen. Statistical repts. 1869, p.22-23; in Rept. 1869/71, p.28-29 (County assessors)
1870(table headed 1870-71): state and county. In Calif. state agr. soc. Trans. 1871, p.398-399 (County assessors)
1871: state and county. In Calif. Surveyor gen. Rept. 1869/71, p.82-83 (Assessors' repts.)
1900(June 1): state (number on farms - includes guinea fowls) In Calif. state agr. soc. Trans. 1901, p.142. (U. S. Census Bul.)
1900: state and county. In Calif. State Bd. agr. Rept. 1912, p.55 (Does not include Indian reservation)
1900, 1890, 1880: state and county. In Calif. State Bd. agr. Rept. 1911, p.62-63 (Does not include Indian reservations)
1901(?): Merced county. In Calif. state agr. soc. Trans. 1901, p.279 (County assessor)
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906 tables headed 1905-06: counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1907 tables headed 1906-07: counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1908 tables headed 1907-08: counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1909 tables headed 1908-09: counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)
1910 tables headed 1909-10: counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)
1910, 1900, 1890, 1880: state. In Calif. State Bd. agr. Repts. 1910-1918 (1900 figure includes guinea fowls)
1.84


1925, 1920, 1910, 1900, 1890, 1880: states (chickens on farms and relative no. when 1890 = 100) In Calif. Agr. exp. sta. Bul. 413, p.17. (U.S. Census)


1920: Sonoma county (production) In Calif. Surveyor gen. Rept. 1855, p.311 (County assessor)


1924, 1919: state and county (chickens raised for 1924-no. actually reported; no. including estimates) In Calif. Agr. exp. sta. Bul. 413, p.161 (U.S. Census)


For cent of Distribution by Geographic Divisions

1920: U.S. geographic divisions (U.S. = 100) In Calif. Agr. exp. sta. Bul. 413, p.21 (U.S. Census)

Price

1855: Sonoma county. In Calif. Surveyor gen. Rept. 1855, p.311 (County assessor)

Price - Continued

1895-1898 (annual, Doc. 1): counties (average value per doz., Doc. 1) In Calif. state agr. soc. Trans. 1895, p. 108.
1908 (table headed 1907-08): Del Norte county (high and low value per doz.) In Calif. state agr. soc. Rept. 1908, p. 65.
1925-1919 (7-year period); 1925-1915 (11-year period) (monthly): Los Angeles, San Francisco (seasonal variations in wholesale prices (expressed in percent) of broilers, fryers and Leghorn hens (Leghorn hens for 1925-1919)) In Calif. Agr. exp. sta. Bul. 413, figures 42 and 43, p. 101, 102; table 59, p. 104 (Median link relative method used)
1926 (Jan. to Oct.)-1912 (monthly; average for each year): San Francisco (monthly wholesale price quotations on small broilers) In Calif. Agr. exp. sta. Bul. 413, p. 100 (Pacific Rural press)
1926-1918 (monthly; average for each year 1925-1919): San Francisco (monthly wholesale price quotations on large Leghorn hens) In Calif. Agr. exp. sta. Bul. 413, p. 102 (Pacific Rural press)

Price and Purchasing Power

Sales
1909 (table headed 1908-09); San Benito county (number and value of
1919; state and county (number sold - as reported ) In Calif. State

Shipments
1905; counties (shipped out of state) In Calif. state agr. soc.
Rept. 1905 (See Contents under names of counties) Value given
for some counties.
1906 (tables headed 1905-06); 4 counties (shipped out of state) In

Value
(County assessor)
(Country assessor)
1905; counties. In Calif. state agr. soc. Rept. 1905 (See Contents
under names of counties)
1906 (tables headed 1905-06); counties. In Calif. state agr. soc.
Rept. 1906 (See Contents under names of counties)
1907 (tables headed 1906-07); counties. In Calif. state agr. soc.
Rept. 1907 (See Contents under names of counties)
1908 (tables headed 1907-08); counties. In Calif. state agr. soc.
Rept. 1908 (See Contents under names of counties)
1909 (tables headed 1908-09); counties. In Calif. state agr. soc.
Rept. 1909 (See Contents under names of counties).
1910 (tables headed 1909-10); counties. In Calif. state agr. soc.
Rept. 1910 (See Contents under names of counties)
1920; state, (on farm) In Calif. State bd. agr. Statistical rept.
1920, p.110.
1924; state and county (value of chickens raised) In Calif. Agr.
exp. sta. Bul. 413, p.161 (U. S. Census)
1925; state and county (value of chickens on hand Jan. 1) In Calif.
Agr. exp. sta. Bul. 413, p.160 (U. S. Census)

Value (Average) See Price

Miscellaneous
Cost of Operating Brooders
Cost of operating different types of brooders heated respectively
by electricity, coal oil, coal and gas-heated hot water
1921/22, p.143.
### CHICKENS - Continued

#### Number of Hatcheries

- **1926:** State and county (number of hatcheries and egg capacity; no. of hatcheries accredited) In Calif. Agr. exp. sta. Bul. 419, p.53. (Comp. by R. B. Basson)

#### Cost of Brooding

Ducks - Continued

Number - Continued

1869: state and county. In Calif. state agr. soc. Trans. 1870, p.138-139 (County assessors)
1870: state and county. In Calif. Surveyor gen. Statistical rept. 1869, p.22-23; also in Rept. 1869/71, p.28-29 (County assessors)
1870 (table headed 1870-71): state and county. In Calif. state agr. soc. Trans. 1871, p.398-399. (County assessors)
1900 (June 1): state (number on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census)
1900: state and county. In Calif. State bd. agr. Rept. 1912, p.55. (Does not include Indian Reservations)
1900,1890: state. In Calif. State bd. agr. Rept. 1911, p.62-63. (Does not include Indian Reservations)
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906 (tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1909 (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)
1910 (tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)

Number Per Farm


Percent of Distribution by Geographic Divisions


Price

Price - Continued
1908 (table headed 1907-08): Del Norte county (average value) In Calif. state agr. soc. Rept. 1908, p.68.

Shipments (Quantity and Value)

Value
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906 (tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1909 (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)
1910 (tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)

Value (Average) See Price

Number Per Farm
(U. S. Census)

Number
1856: 4 counties. In Calif. Surveyor gen. Rept. 1856, following p.30. State total p.31 (County assessors)
1858: counties. In Calif. Surveyor gen. Rept. 1858, following p.32. (County assessors)
Number—Continued

1869: counties. In Calif. Surveyor gen. Rept. 1859, table 3, following p.30. Number also given for some counties elsewhere in this report. (County assessors.)


1861: counties. In Calif. Surveyor gen. Rept. 1861, table 2, following p.16 (Assessors' repts.)


1869: state and county. In Calif. state agr. soc. Trans. 1870, p.188-189 (County assessors)


1870 (table headed 1870-71): state and county. In Calif. state agr. soc. Trans. 1871, p.396-399 (County assessors)


1900 (June 1): state (number on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Censs)

1900: state and county. In Calif. State bd. agr. Rpt. 1912, p.55. (Does not include Indian Reservations)

1900,1890: state and county. In Calif. State bd. agr. Rpt. 1911, p.52-53. (Does not include Indian Reservations)

1905: counties. In Calif. state agr. soc. Rpt. 1905 (See Contents under names of counties)

1906 (tables headed 1905-06: counties. In Calif. state agr. soc. Rpt. 1906 (See Contents under names of counties)

1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rpt. 1907 (See Contents under names of counties)

1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rpt. 1908 (See Contents under names of counties)
Number - Continued
1909 (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)
1920, 1910, 1900, 1890: state; U.S. (no. on farms and approximate percent of decline) In Calif. Agr. exp. sta. Bul. 413, p. 21 (U. S. Census)

Percent of Distribution by Geographic Divisions
1920: U. S. geographic divisions (U.S. = 100) In Calif. Agr. exp. sta. Bul. 413, p. 21 (U. S. Census)

Price

Value
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906 (tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1909 (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)

Value (Average) See Price


Number - Continued


1889: state. In Calif. State bd. agr. Repts. 1911-1918. (1900 figure included with chickens)

1920: state. In Calif. State bd. agr. Repts. 1911-1918. (1900 figure included with chickens)


Percent of Distribution by Geographic Divisions

1920: U.S. geographic divisions (U.S. = 100) In Calif. Agr. exp. sta. Bul. 413, p.21 (U. S. Census)

Value


1920: state (on farms) In Calif. State bd. agr. Statistical rept. 1920, p.110. (Average value given also)

1894: San Diego county (common ostriches) In Calif. state agr. soc. Trans. 1894, p.307 (22d Dist. agr. assoc. rept.)


Pigeons

PIGEONS - Continued

Number - Continued

Percent of Distribution by Geographic Divisions

Value

Value (Average)

SQUABS

Price

TURKEYS

Cold Storage Holdings

Number
1852: Santa Clara county. In Calif. census of 1852, p.36.
Number - Continued

1856: 7 counties. In Calif. Surveyor gen. Rept. 1856, following p.30. State total p.31 (County assessors)


1858: counties. In Calif. Surveyor gen. Rept. 1858, following p.32. (County assessors)

1859: counties. In Calif. Surveyor gen. Rept. 1859, table 3, following p.30. Number also given for some counties elsewhere in this report (County assessors)


1861: counties. In Calif. Surveyor gen. Rept. 1861, table 2, following p.16 (Assessors' repts.)


1869: state and county. In Calif. state agr. soc. Trans. 1870, p.188-189 (County assessors)

1870: state and county. In Calif. Surveyor gen. Statistical rept. 1869, p.22-23; also in Rept. 1869/71, p.28-29 (County assessors)

1870 (table headed 1870-71): state and county. In Calif. state agr. soc. Trans. 1871, p.398-399 (County assessors)

1871: state and county. In Calif. Surveyor gen. Rept. 1869/71, p.82-83 (Assessors' repts.)

1900 (June 1): state (number on farms) In Calif. state agr. soc. Trans. 1901, p.142 (U. S. Census)

1900: state and county. In Calif. State bd. agr. Rept. 1912, p.55. (Does not include Indian Reservations)

1900, 1890: state and county. In Calif. State bd. agr. Rept. 1911, p.62-63. (Does not include Indian Reservation)
- 195 -

TURKEYS - Continued

Number - Continued

1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)

1906 (tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)

1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)

1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)

1909 (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)

1910 (tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)


1920, 1910, 1900, 1890: state; U.S. (no. of turkeys on farms; approximate per cent decline) In Calif. Agr. exp. sta. Bul. 413, p.21. (U. S. Census)

Number Per Farm


Percent of Distribution by Geographic Divisions


Price


1908 (table headed 1907-08): Del Norte county (value per turkey) In Calif. state agr. soc. Rept. 1908, p.65.


Shipments


1900, 1899: Humboldt county. In Calif. state agr. soc. Trans. 1901, p.220 (Humboldt Standard)

1905: counties (shipped out of state) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)


1908 (table headed 1907-08): Del Norte county (value per turkey) In Calif. state agr. soc. Rept. 1908, p.65.


1900, 1899: Humboldt county. In Calif. state agr. soc. Trans. 1901, p.220 (Humboldt Standard)

1905: counties (shipped out of state) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties).
Shipments — Continued
(Each rept. gives data for one year only)

Value
1908(tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties).
1920: state (on farms). In Calif. State Bd. agr. Statistical rept. 1920, p.110 (Average value given also)

Value (Average) See Price.

Value of Shipments
(Each rept. gives data for one year only)

ROCS

Cold Storage Holdings
1926(Nov.)-1922(Jan.)(1st day of each month): San Francisco (chart and table showing holdings). In Calif. Agr. exp. sta. Bul. 413, fig. 35; table 47, p.36 (Daily market repts. B.A.E. San Francisco)

Cold Storage Movement and Trade Requirements
Consumption Per Family

1917(?): minimum, maximum pounds of eggs per year for an average family of 5 persons. In Calif. Agr. exp. sta. Circ. 163, p.13. (Figures by Prof. Jaffa)

1917,1916(May): minimum pounds of eggs per month for a family of 5
In Calif. Agr. exp. sta. [unnumbered circ.], "Living expenses" by M. E. Jaffa.

Cost of Production

1918(monthly, Jan.-Oct.), 1917-1915(monthly, annual; annual average): Southern Calif. (detailed table and graph showing cost of commercial egg production; itemized costs of food and analysis of overhead given) In Calif. State commision market. Annual rept. 1918, plates I and II following p.22. (Poultry Producers of Southern Calif. inc.)

Expenditure Per Family

1917(?): total minimum, maximum expended per year for an average family of 5 persons. In Calif. Agr. exp. sta. Circ. 163, p.7,13; also in Circ. 197, p.2. (Figures by Prof. Jaffa)


Freight Rates

1925: from Petaluma to various transcontinental destinations (via freight, American railway express) In Calif. Agr. exp. sta. Bul. 413, p.170 (Southern Pacific Co.)
EGGS - Continued

Imports
1893(?): state. In Calif. State fruit growers' convention. Rept. 18th, p.128 (Statement by Gov. Harris)
1899/1900,1898/99: state. In Calif. state agr. soc. Trans. 1900, p.114 (Leroy Anderson)

Increase in Egg Production Compared with Increase in Human Population
1925-1880: state. (chart showing increase in chickens; eggs compared with increase in total population) In Calif. Agr. exp. sta. Bul. 413, p.18 (U. S. Census. 1925 figure for population estimated)

Percentage of Relative Layings in Different Months
1925(monthly): individual states; geographic divisions; U. S. (reported reported daily layings at first of each month in per cent of the total 12 layings reported) In Calif. Agr. exp. sta. Bul. 413, p.166-168. (Returns from 22,000 farms)

Price
1855: Sonoma county. In Calif. Surveyor gen. Rept. 1855, p.311. (County assessor)
1853(?): San Francisco; New York; Chicago prices compared with several countries; with principal cities of Europe (retail price) In Calif. Bur. labor statistics. 1st Bin. rept. 1883-84, p.265-267.
1866(monthly, Nov. 1865-Oct. 1866 inc.): San Francisco county and city (ruling retail price of Calif. eggs; Eastern eggs, Farallonos eggs; duck eggs) In Calif. Bur. labor statistics. 2nd Bin. rept. 1885-86, table following p.152.
Price - Continued


1925 (daily for week): San Francisco (chart showing daily variation in wholesale prices (in percent of total for week) compared with variation in receipts) In Calif. Agr. exp. sta. Bul. 413, figure 25, p.61.


1925-1900; 1925-1912; 1925-1917: San Francisco, Los Angeles (seasonal variation in prices (median link relative) of extra eggs; pullet eggs - 100 taken as an average for each month) In Calif. Agr. exp. sta. Bul. 413, table 15, p.35. (Computations by E. C. Voorhies)

1925-1910 (annual): New York, Chicago and San Francisco (chart showing average price of eggs) In Calif. Agr. exp. sta. Bul. 413, figure 18, p.31 (For N.Y. and Chicago U.S.D.A. yearbook; for San Francisco table 11, p.27 this Exp. Bul. 413)


1925-1912 (14 year average monthly): San Francisco (chart and table showing seasonal variation in the percentage relationships of pullet quotations to extra quotation) In Calif. Agr. exp. sta. Bul. 413, fig. 18 and table 20, p.45.

1925-1912 (annual): San Francisco (chart showing percentage relationship between pullet and extra egg quotations; secular trend) In Calif. Agr. exp. sta. Bul. 413, fig. 19, p.46.

1925-1917 (annual): Los Angeles (chart showing percentage relationship between pullet and extra egg quotations) In Calif. Agr. exp. sta. Bul. 413, fig. 19, p.46.

1925-1917 (9 year average and monthly): Los Angeles (chart and table showing seasonal variation in the percentage relationships of pullet quotations, to extra quotations) In Calif. Agr. exp. sta. Bul. 413, fig. 18 and table 20, p.45.


Price - Continued

1926-1910 (monthly and annual average): Los Angeles, San Francisco (actual net wholesale quotations, fresh extras per doz.). In Calif. Agr. exp. sta. Bul. 413, p.163-164. (Based on quotations in Calif. Cultivator)


1926-1912 (semi-annually): San Francisco (chart showing percentage relationship between the net quotations of pullet and extra eggs on San Francisco market, 12-month moving average) In Calif. Agr. exp. sta. Bul. 413, figure 20, p.46.

1926-1917 (semi-annually): Los Angeles market (percentage relationship between the net quotations of pullet and extra eggs) In Calif. Agr. exp. sta. Bul. 413, figure 17, p.44.

1926 (Oct.)-1917 (monthly and annual average): Los Angeles (actual net wholesale quotations of pullet eggs) In Calif. Agr. exp. sta. Bul. 413, p.165 (Based on quotations in Calif. Cultivator)

1926-1919 (annual), 1925-1919 (average): Calif. Grape producing section (farm price; prices of other chief farm products and relative prices of non-agricultural commodities also given) In Calif. Agr. exp. sta. Bul. 413, p.123 (1926 figure is preliminary)


Price (Relativa) and Purchasing Power


1925-1901 (annual): Los Angeles (chart showing egg index; purchasing power of eggs; secular trend). In Calif. Agr. exp. sta. Bul. 413, figure 12, p.29.

1925-1901 (annual): Los Angeles (actual price (original prices from Calif. Cultivator); relative price (1910-1914=100); purchasing power - based on relative price and commodity index - Bur. labor statistics) In Calif. Agr. exp. sta. Bul. 413, p.30.

1925, 1924-1890 (2 year periods): San Francisco (chart showing egg index; purchasing power of eggs; secular trend). In Calif. Agr. exp. sta. Bul. 413, figure 9, p.25.
Production

1855: Alameda, Santa Cruz, Sonoma, Yolo counties (Alameda county reports, hen, turkey, and duck eggs). In Calif. Surveyor gen. Rept. 1855, p.263,308,311,319 (County assessors)
1858: counties. In Calif. Surveyor gen. Rept. 1858, following p.32. (County assessors)
1859: counties. In Calif. Surveyor gen. Rept. 1859, table 1, following p.30. Production also given for some counties elsewhere in this report (Assessors' repts.)
1861: counties. In Calif. Surveyor gen. Rept. 1861, table 1, following p.16 (Assessors' repts.)
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906 (tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1907/08: Southern Calif. In Calif. state agr. soc. Rept. 1908, p.17 (Los Angeles Chamber of Commerce)
1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1909 (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)
1909, 1909: state (with increase and per cent of increase over 1899) in Calif. State bd. agr. Repts. 1912-1918.
1910 (tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)
1918: Los Angeles county. In Calif. State bd. agr. Statistical rept. 1918, p.359 (Los Angeles Chamber of Commerce)
Production - Continued

1919,1918: state (estimated) In Farm management notes for Calif., p.18.
1924,1919: state and county (no. actually reported for 1924; no. reported plus estimates) In Calif. Agr. exp. sta. Bul. 413, p.162.

Production Per Farm and Per Chicken

1925,1919: individual states; geographical divisions; U.S. (approximate no. of eggs laid during 12 months per farm; per hen on hand Jan. 1) In Calif. Agr. exp. sta. Bul. 413, p.166-168 (U.S.D.A.)

Purchasing Power

1925-1860 (5 year averages): San Francisco (chart) In Calif. Agr. exp. sta. Bul. 413, 415, figure 11, p.28 (Data from table 11, p.27)
1925-1910 (monthly; annual average): San Francisco; Los Angeles. In Calif. Agr. exp. sta. Bul. 413, p.34,35. (Computations by E. C. Voorhies)
1925-1919 (annual), 1925-1919 (average): Calif. grape producing section (purchasing power in dollars; in per cent of 1919-25 average; other farm products also given). In Calif. Agr. exp. sta. Bul. 429, p.123; chart based on this table p.97 (1925 figures are preliminary)

Receipts

1900/01: receipts of shipments by Southern Pacific from points beyond Portland, Ogden, Mojave, Deming and El Paso into California. In Calif. state agr. soc. Trans. 1901, p.163.
1901: at San Francisco (by sources) In Calif. state agr. soc. Trans. 1901, p.161 (Comp. by State Dairy Bureau)
Receipts - Continued

1925 (monthly, total): shipments of eggs from Calif.; other leading states; total shipments to San Francisco; to Los Angeles market; shipments from each state expressed in per cent. In Calif. Agr. exp. sta. Bul. 413, p.55-56. (U.S.D.A. San Francisco office)

1925 (daily for week): San Francisco (daily variation in receipts (in per cent of total for week) compared with daily wholesale prices) In Calif. Agr. exp. sta. Bul. 413, p.61 (Based on daily market repts. B.A.E.).


1925-1905 (5 year periods); 1901: chart showing receipts of eggs at San Francisco; 6 other markets in U.S.; total) In Calif. Agr. exp. sta. Bul. 413, fig. 26, p.62.

1925-1910 (annual): Southern Calif. concern (percentage extras; pullets; pewees or no. 3's received) In Calif. Agr. exp. sta. Bul. 413, p.64 (1918 one week's receipts missing; 1919, 2 weeks missing).


1925-1928 (annual): San Diego (partial receipts in percentages by grades - extras, pullets, pewees or no. 3's) In Calif. Agr. exp. sta. Bul. 413, p.64.

1925-1928 (monthly and annual): Central Calif. (partial monthly receipts (in percentages) of eggs from producers classified according to grades) In Calif. Agr. exp. sta. Bul. 413, p.66.

1925 (monthly and total), 1924 (monthly -Aug.-Dec.): total receipts at Los Angeles from 13 states including Calif. In Calif. Agr. exp. sta. Bul. 413, p.56 (U.S.D.A. San Francisco office)

1926 (year ended Mar. 1): a Petaluma receiver (percentage extras; pullets; pewees or no. 3's) In Calif. Agr. exp. sta. Bul. 413, p.65.

1926 (monthly, Jan.-Apr.): total): San Francisco concern (partial receipts (in percentages) by grades - extras, pullets, pewees or no. 3's) In Calif. Agr. exp. sta. Bul. 413, p.68.


1926 (May)-1922 (Jan.) (alternate months): chart showing egg receipts at San Francisco from Calif. compared with total receipts. In Calif. Agr. exp. sta. Bul. 413, fig. 22, p.57.

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EGGS - Continued

Sales

Shipments
1900,1899: Humboldt county. In Calif. state agr. soc. Trans. 1901, p.220 (Humboldt Standard)
1905: counties (shipped out of county) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1910-1908 (annual): Petaluma (shipments from Petaluma) In Calif. State bd. agr. Rept. 1911, p.64.
1923: shipments - coastwise, internal to Port of San Francisco; from Port of San Francisco. In Calif. Bd. state harbor commissioners. Bien. rept. 1922/24, p.61,63,64,66.
1925 (monthly and total): interstate shipments from Calif. (states of destination given and per cent shipped to each state). In Calif. Agr. exp. sta. Bul. 413, table 34, p.68 (Basis of daily market reports)
1925-1905 (5 year periods), 1901: chart showing receipt of eggs at New York from Pacific Coast states (including Utah and Idaho). In Calif. Agr. exp. sta. Bul. 413, fig. 30, p.78.
Shipment - Continued

1925-1921 (monthly, total): total receipt of eggs at New York City by all states of origin (including Calif.) In Calif. Agr. exp. sta. Bul. 413, p. 74.
1925-1921, 1914-1910 (monthly average for periods): seasonal variation in shipments from Petaluma (variation expressed by indices shown in chart and table) In Calif. Agr. exp. sta. Bul. 413, fig. 28, p. 72 and table 38, p. 73 (Indices computed by link relative method)
1925/26-1922/23 (years ended Feb. 28, annual): Calif.; 4 western states; total, (no. of cases and percent of eggs received at New York City from western states) In Calif. Agr. exp. sta. Bul. 413, p. 77.
(see Calif. Dairy review and Amer. creamery)
1926 (Oct.)-1920 (Mar.) (monthly and annual): receipt of eggs at N. Y. from the Pacific Coast (receipts and percent of receipts from Pacific Coast; from Calif. for 1922) In Calif. Agr. exp. sta. Bul. 413, p. 79-80.
1926-1923 (monthly, annual): from Calif. (chart showing seasonal variation in the interstate shipments) In Calif. Agr. exp. sta. Bul. 413, fig. 29, p. 76.
1926 (July)-1924 (Oct.) (quarterly, annual): chart showing Calif. interstate shipments compared with shipments from Wash. and Oreg. In Calif. Agr. exp. sta. Bul. 413, fig. 32, p. 82.

Value
1905: Napa and Sonoma counties. In Calif. Surveyor gen. Rept. 1855, p. 279, 311 (County assessors)
1901: Southern Calif. (estimated value) In Calif. state agr. soc. Trans. 1901, p. 135 (Los Angeles Chamber of Commerce)
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906 (Tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
Value - Continued

Rept. 1907 (See Contents under names of counties)
1908 (tables headed 1907-08): counties. In Calif. state agr. soc.
Rept. 1908 (See Contents under names of counties)
Rept. 1909 (See Contents under names of counties)
1909, 1899: state (with increase and per cent of increase over 1899)
Rept. 1910 (See Contents under names of counties)
1918: Los Angeles county. In Calif. State bd. agr. Statistical
table. 1918, p. 359 (Los Angeles Chamber of commerce)
(Census bureau)

Value of Imports

1915 (year ended June 30): Port of Los Angeles (est. value of inbound
domestic commerce) In Los Angeles. Bd. harbor commissioners.
Annual rept. 1914-15, p. 54.
1918 (year ended June 30): Port of Los Angeles (est. value of inbound
domestic commerce) In Los Angeles. Bd. harbor commissioners.
Annual repts. 1916-18, p. 102.
1919 (year ended June 30): Port of Los Angeles (inbound domestic
1916-20, p. 45.
1920 (June-June): Port of Los Angeles from China, Hongkong (eggs-salt)
In Los Angeles. Bd. harbor commissioners. Annual repts. 1916-20,
p. 89, 93.
1924 (year ended June 30): Port of Los Angeles (from named foreign
countries) In Los Angeles. Bd. harbor commissioners. Annual
rept. 1923-24; folded chart, back cover.

Value of Shipments

1905: Fresno, Inyo, Merced counties (shipped out of county) In
1908/09-1909/10 (for period): shipped over Humboldt Bar. In Calif.
Bd. state harbor commissioners for the Port of Eureka. Rept.
1910/11-1911/12 (for period): shipped over Humboldt Bar. In Calif.
Bd. state harbor commissioners for the Port of Eureka. Rept.
1910-1912, p. 6.
1916 (year ended June 30): Port of Los Angeles (est. value of outbound
domestic commerce) In Los Angeles. Bd. harbor commissioners. Annual
rept. 1915/16, p. 259.
Bd. harbor commissioners for the Port of Eureka. Official repts.
1917-1904, 1902-1900. (Each rept. gives data for one year only)
Value of Shipments - Continued


1923: Shipments - coastwise, internal - to Port of San Francisco; from Port of San Francisco. In Calif. Bd. state harbor commissioners. Bien. rept. 1922/24, p.61, 63, 64, 66.

1924 (year ended June 30): Port of Los Angeles (exported to named foreign countries) In Los Angeles. Bd. harbor commissioners. Annual rept. 1923/24, folded chart back cover.

TURKEY EGGS

Production and Value


EGGS AND ALBUMEN

Imports


1922, 1921 (years ended June 30): Imports to Port of San Francisco from various foreign countries. In Calif. Bd. state harbor commissioners. Bien. rept. 1920/22, tables 2 and 4, following p.78.

1925, 1926 (Jan. 1 to June 30 for 1926): Imports to Port of San Francisco from various foreign countries (albumen and egg yolk) In Calif. Bd. state harbor commissioners. Bien. rept. 1924/26, p.94, 96.

EGG FOOD

Imports (Quantity and Estimated Value)


EGG VOLKS

Imports (Quantity and Estimated Value)

FEATHERS

Shipments

Value of Shipments

MISCELLANEOUS

BIRDS - SMALL

Price

DOVES

Price

HARES

Price

RABBITS

Price

SQUIRRELS

Price
livestock products

imports

1925, 1926 (Jan. 1 to June 30 for 1926): imports to Port of San Francisco from various foreign countries (does not include all animal products) In Calif. Bd. state harbor commissioners. Bien. rept. 1924/26, p. 94, 96.

shipments


1900 (year ended June 30): Southern Pacific R.R. Co. freight traffic movement (listed as "sundries": per cent of total also given) In Calif. Bd. R.R. commissioners. Rept. 1900, p. 80.


1917-1904, 1902-1900 (annual): shipped from Port of Eureka. (total exports of animal products) In Calif. Bd. harbor commissioners for the Port of Eureka. Official repts. ... 1917-1904, 1902-1900 (Each report gives data for one year only)


LIVESTOCK PRODUCTS - Continued

Shipments - Continued


Value


Value of Imports

1924 (year ended June 30): Port of Los Angeles (animal products from named foreign countries) In Los Angeles. Bd. harbor commissioners. Annual rept. 1923/24, folded chart, back cover.

Value of Shipments

1863-1861 (annual): state (value of products of the herd exported) In Calif. state agr. soc. Trans. 1863, p.267 (Mercantile Gazette)

1917-1904, 1902-1900 (annual): shipped from Port of Eureka (value of total animal products exported) In Calif. Bd. harbor commissioners for the Port of Eureka. Official repts. ... 1917-1904, 1902-1900. (Each rept. gives data for one year only)

DAIRY PRODUCTS AND OILOIL, CARAME.

DAIRY PRODUCTS

Cost of Production

1915/16, 1918/19 (or normal, high periods): state (operating costs of the dairy industry - detailed data include market prices for land, costs of stocking, labor costs, feed costs, farm returns for product) In Farm management notes for Calif., p.102.

Production

Production - Continued

1905 (tables headed 1905-06): counties (creamery products) In Calif. state agr. soc. Rept. 1906. (See Contents under names of counties)

1907 (tables headed 1906-07): counties (creamery products) In Calif. state agr. soc. Rept. 1907. (See Contents under names of counties)

1908 (tables headed 1907-08): counties (creamery products) In Calif. state agr. soc. Rept. 1908. (See Contents under names of counties)

1909 (tables headed 1908-09): counties (creamery products) In Calif. state agr. soc. Rept. 1909. (See Contents under names of counties)

Shipments


1922, 1921 (years ended June 30): exports, Port of San Francisco to various foreign countries. In Calif. Bd. state harbor commissioners. Bien. rept. 1920/22, tables 1 and 3, following p. 78.


Value


1898/99-1899/97 (annual): state (total value of all dairy products in dairies, creameries and cheese factories) In Calif. state agr. soc. Trans. 1899, p. 31, 32 (State dairy bureau)

1899/1900, 1899/99: state (total value of all dairy products) In Calif. state agr. soc. Trans. 1900, p. 113 (State dairy bureau)


1906 (?): state (annual earning capacity) In Calif. state agr. soc. Rept. 1906, p. 29 (A. R. Briggs)
Value - Continued

1906 (tables headed 1905-06): counties (value of creamery products) In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)


1907 (year ended Mar. 1): state. In Calif. state agr. soc. Rept. 1907, p. 47 (State bd. trade)

1907 (?): state (annual earning capacity) In Calif. state agr. soc. Rept. 1907, p. 23 (A. R. Briggs)

1907 (tables headed 1906-07): counties (value of creamery products) In Calif. state agr. soc. Rept. 1907. (See Contents under names of counties)

1907 (tables headed 1906-07): Alameda, Monterey, San Joaquin counties (dairy produce) In Calif. state agr. soc. Rept. 1907, p. 54, 120, 158.

1908 (year ending Sept. 30): state. In Calif. state agr. soc. Rept. 1908, p. 22 (State dairy bureau)

1908 (tables headed 1907-08): counties (value of creamery products) In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)


1909: state (value of milk, cream and butter fat sold, and of butter and cheese made on farms) In Calif. State bd. agr. Repts. 1912-1916 (U. S. Census)


1909 (tables headed 1908-09): counties (value of creamery products) In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)


1912, 1911 (years ended Sept. 30): state (total value of dairy products) In Calif. State dairy bur. 9th Bion. rept. 1911-1912, p. 36.

1912, 1911: state. In Calif. State bd. agr. Rept. 1912, p. 61 (Includes calves produced)

1913, 1912: state. In Calif. State bd. agr. Statistical rept. 1913, p. 60 (Includes calves produced)

1914, 1913: state. In Calif. State bd. agr. Statistical rept. 1914, p. 57 (Includes calves produced)


DAIRY PRODUCTS - Continued

Value - Continued

1918: state (miscellaneous products) In Farm management notes for Calif. p. 19.
1918, 1917: state. In Calif. State bd. agr. Statistical rept. 1918, p. 69 (Includes calves produced)
1919: counties (on farms and ranges) In Calif. State bd. agr. Statistical repts. 1920-1921 (U. S. Census) (Figure not given for every county in state)
1919, 1918, 1917: state (annual value) In Calif. State bd. agr. Statistical rept. 1919, p. 68 (Includes calves produced)
1920: Fresno county (estimate) In Calif. State bd. agr. Statistical rept. 1920, p. 250 (Fresno County Chamber of commerce)
1921: Fresno county (estimate) In Calif. State bd. agr. Statistical rept. 1921, p. 303 (Fresno County Chamber of commerce)
1924 (during the 6 months ended Dec. 31): state (approx. value) In Calif. Dept. agr. Special pub. 62, p. 15.
Value - Continued

1926, 1925 (Jan.-Dec.), 1922 (July-June): state (approx. value of all dairy products) In Calif. Dept. agr. Special pub. 71, p.10.

Value of Shipments

1924 (year ended June 30): Port of Los Angeles (exported to named foreign countries) In Los Angeles. Bd. harbor commissioners. Annual repts. 1923/24, folded chart, back cover.

Miscellaneous

Number of Creameries Manufacturing Butter by Separator Process.

Number of Creameries, Dairies, Skimming Stations.
1905: counties (all items not given for each county) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906 (tables headed 1905-06): counties (all items not given for each county) In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1907 (tables headed 1906-07): counties (all items not given for each county) In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1908 (tables headed 1907-08): counties (all items not given for each county) In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1910 (tables headed 1909-10): counties (all items not given for each county) In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)
ALBUMIN, CURDS, LACTEIN, SEMI-SOLID BUTTERMILK

Production

1920 (year ended June 30): state (curds, lactein, semi-solid buttermilk). In Calif. Dept. agr. Special pub. 10, p.6,27.
1921 (year ended June 30): state (albumen, curds, lactein, etc., dry skim milk and buttermilk) In Calif. State bd. agr. Statistical rept. 1921, p.143.
1925 (Jan.-Dec. ), 1922 (July-June): state (albumen, curds, lactein, etc. dry skim milk and buttermilk) In Calif. Dept. agr. Special pub. 71, p.10; 1925 also in Special pub. 83, p.9.
1926: state (albumen, curds, lactein, etc.) In Calif. Dept. agr. Special pub. 71, p.10.
1927, 1926 (Jan.-Dec.): state (albumen, curds, lactein, etc.) In Calif. Dept. agr. Special pub. 83, p.9.

Value

1920 (year ended June 30): state (curds, lactein, semi-solid buttermilk) In Calif. Dept. agr. Special pub. 10, p.6,27.
ALBUMIN, CURDS, LACTEIN, SEMI-SOLID BUTTERMILK - Continued

Value - Continued

1921 (year ended June 30): state (approx. value) In Calif. Dept. agr. Special pub. 21, p.6.

1921 (year ended June 30): state (approx. value) In Calif. State bd. agr. Statistical rept. 1921, p.148 (albumen, curds, lactein, etc. dry skim milk and buttermilk)


1924 (during the 6 months ended Dec. 31): state (approx. value) In Calif. Dept. agr. Special pub. 62, p.15.


1925 (Jan.-Dec.), 1926 (July-June): state (approx. value of albumen, curds, lactein, etc., dry skim milk and buttermilk) In Calif. Dept. agr. Special pub. 62, p.10; 1925 also in Special pub. 83, p.9.

1926: state (approx. value of albumen, curds, lactein, etc.) In Calif. Dept. agr. Special pub. 71, p.10.

1927, 1926 (Jan.-June): state (approx. value of albumen, curds, lactein, etc.) In Calif. Dept. agr. Special pub. 83, p.9.

Butter

Cold Storage Holdings


Consumption

1869: San Francisco city and county (used in axle grease manufactories) In Calif. Surveyor gen. Statistical rept. 1869, p.41; in Rept. 1869/71, p.47. (County assessor)

1870: San Francisco city and county (used in axle grease manufactories) In Calif. Surveyor gen. Rept. 1869/71, p.105 (County assessor)
Consumption - Continued

1926: state (consumed in state) In Calif. Dept. agr. Special pub. 71, p.14

Consumption Per Capita

1927: state. In Calif. Dept. agr. Special pub. 83, p.13. (Est. population July 1, 1927 also given)

Consumption Per Family

1917(?): minimum, maximum pounds of butter per year for an average family of 5 persons. In Calif. Agr. exp. sta. Circ. 163, p.13. (Figures by Prof. Jaffa)

Expenditure Per Family

1917(?): Total minimum, maximum expenditure per year for an average family of 5 persons. In Calif. Agr. exp. sta. Circ. 163, p.13, also in Circ. 187, p.2. (Figures by Prof. Jaffa)
1917, 1916(May): minimum expenditure per month for a family of 5.
In Calif. Agr. exp. sta. [unnumbered circ.] "Living expenses" by M. E. Jaffa.

Freight Rates


Imports

1865-1860(annual): no. of firkins of butter; no. of lbs. of butter imported from the East; total no. of lbs. imported from the East during the 6 yrs. In Calif. state agr. soc. Trans. 1864 and 1865, p.365.
Imports - Continued

1893/1900, 1899/99 : state. In Calif. state agr. soc. Trans. 1900, p.114 (State dairy bureau)
1914-1911 (annual): imports to Port of Eureka. In Calif. Ed. harbor commissioners for the Port of Eureka. Official repts. ... 1914-1911. (Each rept. gives data for one year only)

Price

1855: Sonoma county. In Calif. Surveyor gen. Rept. 1855, p.311. (County assessor)
1865 (monthly, average for year): San Francisco (wholesale price per lb.) In Calif. state agr. soc. Trans. 1864 and 1865, p.380, 381. (Mercantile Gazette)
1862: 7 counties (average value reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.86-87.
1863: counties (average value reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.66.
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Biennial - Continued

Prices - Continued

1883(?) : San Francisco compared with Bordeaux; La Rochelle; N. Y.

1883(?) : San Francisco; New York; Chicago prices compared with several countries; with principal cities of Europe (retail prices) In Calif. Bur. labor statistics. 1st Bien. rept. 1883-84, p.266-267.


1884 : counties (average value reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.92.


1890(monthly, Jan. 1-Jan. 1, 1891) : cash prices in San Francisco of 3 grades of butter. In Calif. state agr. soc. Trans. 1890, p.233-234 (San Francisco produce exchange)


1907/08 : San Francisco (approximate average price received for butter in San Francisco) In Calif. state agr. soc. Rept. 1907/08, p.65)
1908/09 : Nevada, San Diego counties (average price per lb.) In Calif. state agr. soc. Rept. 1909, p.119, 144.
Price - Continued


(1914-1916 also in rept. 1916, p.62)


[unnumbered circ.] "Living expenses" by W. E. Jaffa.


1919-1909 (annual, as of Sept. 30); 1920 (June 30): average price at San Francisco. In Calif. State bd. agr. Statistical rept. 1920, p.121.

(1909-1918 also in rept. 1918, p.39; 1909-1919 also in rept. 1919, p.69 - State dairy bureau)

1920 (monthly - year ended June 30): quotations on San Francisco market.

In Calif. Dept. agr. Special pub. 10, p.37, table XI.


1921 (monthly - year ended June 30): quotations on San Francisco market.

In Calif. Dept. agr. Special pub. 21, p.10.


1922 (monthly - year ended June 30): San Francisco market (quotations)


BULLET - Continued

Price - Continued

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Production

1858: counties. In Calif. Surveyor gen. Rept. 1858, following p.32. (County assessors)
Production - Continued

1860,1850(years ended June 1);1852: state. In Calif. State bd. agr. Rept. 1911, p.34 (1852 figure is from State census; 1850,1860 figures are from Federal census)
1861: counties. In Calif. Surveyor gen. Rept. 1861, table 1, following p.16 (Assessors' repts.)
1864: counties. In Calif. Surveyor gen. Rept. 1864, p.36-39 (Assessors' repts.) (Monterey County figure is for 1863)
187-: Sonoma county (estimated annual production) In Calif. state agr. soc. Trans. 1874, p.415 (R. A. Thompson)
1870: state and county. In Calif. state agr. soc. Trans. 1871, p.374-375 (Mercantile Gazette)
1870(table headed 1870-71): state and county. In Calif. state agr. soc. Trans. 1871, p.390-1. (County assessors)
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Production - Continued


1875,1874: state and county (quantity assessed) In Calif. State bd. equalization. Rept. 1874-75, p.36-37,64-65.


1877: state and county. In Calif. state agr. soc. Trans. 1878, p.350-351. (County assessors)

1877,1876: state and county (assessed) In Calif. State bd. equalization. Bien. rept. 1876-77, p.28-29,46-49.


1879: state and county. In Calif. State bd. equalization. Rept. 1880, p.120.


1881(table headed 1880-81): counties. In Calif. Surveyor gen. Bien. rept. 1880/82, p.64. (County assessors)


1883: state and county (quantity assessed) In Calif. State bd. equalization. Rept. 1883 and 1884, p.96.

1884: state and county (quantity assessed) In Calif. State bd. equalization. Rept. 1883 and 1884, p.92.
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1886: state and 5 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1885 and 1886, p.70.
1887: state and 6 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1887 and 1888, p.69.
1888: state and Sacramento and San Luis Obispo counties (quantity assessed) In Calif. State bd. equalization. Rept. 1887 and 1888, p.69.
1889: state and 5 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1889 and 1890, p.51.
1890: state and 7 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1889 and 1890, p.70.
1891: state and 4 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1891 and 1892, p.51.
1892: state and 4 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1891 and 1892, p.79.
1893: Humboldt county. In Calif. state agr. soc. Trans. 1894, p.264. (Chamber of Commerce)
1898: Fresno, Sacramento, Stanislaus, Yolo counties. In Calif. state agr. soc. Rept. 1908, p.19 (State dairy bureau)
1898,1897(years ended Oct. 1): counties producing over 100,000 lbs.; other counties; total (butter produced by creamery method; old method; total) In Calif. State dairy bur. 2nd [Bion.] rept. 1896/98, p.9.
1899/1900;1898/99: state. In Calif. state agr. soc. Trans. 1900, p.113 (LeRoy Anderson)
1900-1850(10 year periods): state and county. In Calif. State bd. agr. Rept. 1911, p.65-66 (1850 figures are for Santa Barbara and Sonoma counties only - Census statistics)
1900-1897(annual, years ended Oct. 1): state (creamery; dairy; total) In Calif. State dairy bur. 3d [Bion.] rept. 1898/1900,p.18.
1900,1899(years ended Oct. 1): counties producing over 100,000 lbs.; other counties; total (by creamery method; dairy method; total) In Calif. State dairy bur. 3rd [Bion.] rept. 1898/1900, p.17. (State, p.22)
1901-1896(annual): state (total; by creamery method; by old method) In Calif. state agr. soc. Trans. 1901, p.161 (State dairy bureau)
Production - Continued


1904, 1903 (years ended Oct. 1): state and county (creamery method; dairy method; total) In Calif. State dairy bur. 5th [Bier.] rept. 1902/04, p.14. (State only, p.22.)


1905: Counties. In Calif. state agr. soc. Rept. 1905. (See Contents under names of counties)

1906 (tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906. (See Contents under names of counties)

1906 (table headed 1905-06): Los Angeles county (manufactured from products shipped from other counties) In Calif. state agr. soc. Rept. 1906, p.104.


1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)

1907/08: Southern Calif. In Calif. state agr. soc. Rept. 1908, p.17. (Los Angeles Chamber of Commerce)

1908 (year ended Sept. 30): state. In Calif. state agr. soc. Rept. 1908, p.22. (State dairy bureau)

1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908. (See Contents under names of counties)


1909 (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909. (See Contents under names of counties)

1909, 1899, 1889: state and county (produced on farms) In Calif. State bd. agr. Repts. 1912-1918 (U. S. Census)


1910-1850 (10 year periods): state (made on farm; made in factories (1880-1910) total) In Calif. State bd. Repts. 1912-1918. (1850-1900 also in Rept. 1911, p.67-Census)
Butter - Continued

Production - Continued

1913-1907 (annual): state. In Calif. State Bd. Agr. Statistical Rept. 1913, p.60. (1897-1911 also in Rept. 1911, p.70; 1897-1912 also in Rept. 1912, p.61 - State dairy bureau)
1918, 1917 (years ended Sept. 30): state and county (state only, p.18)
BUTTER - Continued

Production - Continued


1919, 1918: state (estimate) In Farm management notes for Calif., p.18.
1920 (as of June 30): state and county (made from cream produced in the various counties) In Calif. State bd. agr. Statistical rept. 1920, p.118. (Production given also by rank of counties)

1920-1909 (annual): state. In Calif. State bd. agr. Statistical rept. 1920, p.120 (State division of animal industry)
1920-1911 (annual; figures for 1911-1919 refer to year ended Sept. 30; 1920 for year ended June 30): state. In Calif. Dept. agr. Special pub. 10, p.35, table VI.

1920, 1919: state (amount reported by factories; estimated) In Calif. Dept. agr. Special pub. 10, p.7.


1921 (year ended June 30): state and county (rank of counties given) In Calif. State bd. agr. Statistical rept. 1921, p.140. 5 leading counties, p.143.


Production—Continued


1925: state (manufactured by cooperative concerns; independent; total) In Calif. Dept. agr. Special pub. 62, p.10.


1926: state (cooperative concerns manufactured; independent concerns; total) In Calif. Dept. agr. Special pub. 71, p.13, 14.


1926, 1925 (Jan.-Dec.), 1922 (July-June): state and county. In Calif. Dept. agr. Special pub. 71, p.13. (State only, p.10.)

1927: state (total manufactured; manufactured by cooperative concerns; manufactured by independent concerns) In Calif. Dept. agr. Special pub. 83, p.12.


1927-1925 (annual, Jan.-June): state and county (amount manufactured) In Calif. Dept. agr. Special pub. 83, p.12. (State only, p.9.)

Purchasing Power

1926-1919 (annual), 1925-1919 (average): Calif. grape producing section (purchasing power in dollars; in per cent of 1919-1925 average; other chief farm products also given) In Calif. Agr. exp. sta. Bul. 429, p.123; chart based on this table p.97. (1926 figures are preliminary)

Receipts

1879, 1878 (monthly, annual): (Bay; Coast) at San Francisco. In Calif. state agr. soc. Trans. 1879, p.221 (Commercial Herald, Jan. 15, 1880)

1881, 1880 (monthly, annual): (Bay; Coast) at San Francisco. In Calif. state agr. soc. Trans. 1881, p.165 (Commercial Herald, Jan. 26, 1882)


1901: receipts at San Francisco (by sources) In Calif. state agr. soc. Trans. 1901, p.161 (State dairy bureau).

Receipts - Continued

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<th>Year Range</th>
<th>Description</th>
<th>Source</th>
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<tr>
<td>1906/07</td>
<td>Yuba county (amount and value of butter shipped in)</td>
<td>In Calif. state agr. soc. Rept. 1907, p.214.</td>
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Receipts - Continued


1920-1912 (annual): on San Francisco market. In Calif. Dept. agr. Special pub. 10, p.37, table VII.


Receipts - Continued

Sales

Shipments
1893 (Jan. 1-Dec. 23): from Crescent City (boxes, tubs, etc.) In Calif. state agr. soc. Trans. 1893, p.357.
1895: from San Francisco (total, countries of destination) In Calif. state agr. soc. Trans. 1895, p.19.
### Shipments - Continued

<table>
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<th>Year</th>
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<td>1900 (year ended June 30)</td>
<td>3 Calif. railroads - freight traffic movement.  (2 of the companies give per cent of total also). In Calif. Bd. R. R. commissioners. Rept. 1900, p.180, 205, 272.</td>
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<td>1905</td>
<td>Counties (shipped out of county) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)</td>
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<td>1917-1904, 1902-1900 (annual)</td>
<td>Shipped from the Port of Eureka. (Number of containers and lbs.) In Calif. Bd. harbor commissioners for the Port of Eureka. Official repts. ... 1917-1904, 1902-1900. (Each rept. gives data for one year only)</td>
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<tr>
<td>1923</td>
<td>Shipments - coastwise; internal - to Port of San Francisco; from Port of San Francisco. In Calif. Bd. state harbor commissioners. Bien. rept. 1922/24, p.61, 63, 64, 66.</td>
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### Standard Weight or Measure


### Value

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<th>Year</th>
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<td>1855</td>
<td>Sonoma county. In Calif. Surveyor gen. Rept. 1855, p.311. (County assessor)</td>
</tr>
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Value - Continued

1871: Sonoma county (est. value of butter produced annually) In Calif. state agr. soc. Trans. 1874, p.415; (R. A. Thompson)
1875,1874: state and county (assessed value) In Calif. State bd. equalization. Rept. 1874-75, p.36-37, 64-65.
1877,1876: state and county (assessed) In Calif. State bd. equalization. Bien. rept. 1876-77, p.28-29, 48-49.
1882: state and 8 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.86-87.
1883: state and counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.66.
1884: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.92.
1886: state and 5 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p.70.
1887: state and 6 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.69.
1888: state and Sacramento and Sun Luis Obispo counties (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.94.
1889: state and 6 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.51.
1890: state and 7 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.70.
1891: state and 4 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.51.
1892: state and 4 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.70.
1893: Humboldt county. In Calif. state agr. soc. Trans. 1894, p.264 (Chamber of Commerce)
1899/99: state (value of creamery butter, dairy butter) In Calif. state agr. soc. Trans. 1899, p.32 (State dairy bur.)
Valuo - Continued

1901: Southern Calif. (estimated value) In Calif. state agr. soc. Trans. 1901, p.185. (Los Angeles Chamber of Commerce)
1904: Sacramento county. In Calif. state agr. soc. Rept. 1904, p.171 (V. J. Davis)
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906(Tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1907(Tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1908(year ended Sept. 30): state. In Calif. state agr. soc. Rept. 1908, p.22 (State dairy bureau)
1908(Tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1909: state (butter, butter sold) In Calif. State bd. agr. Repts. 1912-1918 (U. S. Census)
1909(Tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)
1910(Tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)
1913,1912: state (annual value) In Calif. State bd. agr. Statistical rept. 1913, p.50.
1915: Orange county (est. value) In Calif. State bd. agr. Statistical rept. 1915, p.350 (Chamber of commerce)
Value - Continued

1916: Orange county (est. value) In Calif. State bd. agr. Statistical rept. 1916, p.376 (Chamber of commerce)
1918: state. In Farm management notes for Calif., p.18.
1918,1917: state (annual value) In Calif. State bd. agr. Statistical rept. 1918, p.89.
1919(year ended June 30): University farm (receipts from butter) In Calif. Agr. exp. sta. Rept. 1918/19, p.120.
1921(year ended June 30): state (approximate value) In Calif. Dept. agr. Special pub. 21, p.6.
1924(during the 6 months ended Dec. 31): state (approximate value) In Calif. Dept. agr. Special pub. 62, p.15.
Value of Imports


Value of Shipments

1895: from San Francisco (total, countries of destination) In Calif. state agr. soc. Trans. 1895, p.19.

1899-1894 (annual): value of butter that left the Port of San Francisco consigned to foreign countries - the Orient, Central America, other countries, total. In Calif. State dairy bur. 3d [Bien.] rept. 1898/1900, p.23.


1905: Fresno, Merced counties. (shipped out of the counties) In Calif. state agr. soc. Rept. 1905, p.105,143.


1917-1904, 1902-1900 (annual): shipped from Port of Eureka. In Calif. Bd. harbor commissioners for the Port of Eureka. Official repts. ... 1917-1904, 1902-1900 (Each rept. gives data for one year only)


Value of Shipments - Continued

1920, 1919 (years ended June 30): Port of Los Angeles (outbound domestic commerce) In Los Angeles Bd. harbor commissioners. Annual repts. 1918-20, p.49, 82.

1923: shipments - coastwise; internal - to Port of San Francisco; from Port of San Francisco. In Calif. Bd. state harbor commissioners. Bien. rept. 1922/24, p.61, 63, 64, 66.

BUTTER - CALIFED

Shipments (Quantity and Value)


BUTTER FAT

Price


1909 (monthly): Fresno county (average price paid to farmers for sweet, sour butter fat) In Calif. state agr. soc. Rept. 1909, p.54.


Production

1920 (year ended June 30): state and county. In Calif. Dept. agr. Special pub. 10, p.34.


1921 (year ended June 30): state and county (rank of counties given) In Calif. State bd. agr. Statistical rept. 1921, p.140.

1921 (year ended June 30): 5 leading counties. In Calif. agr. Special pub. 21, p.9.


1923 (year ended June 30): state and county. In Calif. Dept. agr. Special pub. 39, p.7. (Counties producing 5 million lbs. or over, p.10)


1924 (year ended June 30): state and county. In Calif. Dept. agr. Special pub. 50, p.6. (Counties producing five million pounds or over, p.9)
Production — Continued

1924 (6 months ended Dec. 31): state and county (milk fat production)
   In Calif. Dept. agr. Special pub. 62, p.15.
   Special pub. 62, p.3 (State only, p.7)
1925 (year ended Dec. 31): Los Angeles, Merced, Stanislaus, Tulare,
   Humboldt, San Joaquin, Imperial counties (counties produced 5
   million lbs. or over) In Calif. Dept. agr. Special pub. 62, p.6.

Production Per Cow

Average, probable, and possible production that may be expected in
121, [Oct.1914], p.3; in Circ. 210, [Mar.1919], p.3; reprinted

Sales

   Census)
   1920, p.97-107.

Value

   1912-1918 (U. S. Census)
1925 (year ended Dec. 31): state (farm value of butter fat sold by
1926: Santa Barbara county. In Calif. Dept. agr. Monthly bul. v.16,
1927: state (value of butter fat sold from farms) In Calif. Dept.
   16, Dec. 1927, p.811. (Bureau of dairy control)

BUTTER AND CHEESE

Receipts

1900/01: receipts of shipments imported into Calif. by Santa Fe.
In Calif. state agr. soc. Trans. 1901, p.163.

Value of Imports

1924 (year ended June 30): Port of Los Angeles (from named foreign
countries) In Los Angeles. Bd. harbor commissioners. Annual
rept. 1923/24, folded chart, back cover.

BUTTER, CHEESE AND CONDENSED MILK

Value

   Census)
Value - Continued

1914: state (includes value and value added by manufacture) In Calif. State bd. agr. Statistical rept. 1917, p.285. (U. S. Census)

BARREN, EGGS, CHEESE

Shipments


CASHEW

Production

1918: state. In Farm management notes for Calif. p.18.

Shipments


Value

Value - Continued


1913, 1912: state (annual value) In Calif. State bd. agr. Statistical rept. 1913, p. 60.


Value of Shipments


Production and Value


Production and Value - Continued


CHEESE

Cold Storage Holdings


1927, 1926 (Jan. 1): state (cold storage holdings; increase in holdings exclusive of cottage cheese) In Calif. Dept. agr. Special pub. 71, p. 16.


Consumption (Total and Per Capita)


1926: state (exclusive of cottage cheese) In Calif. Dept. agr. Special pub. 71, p. 16 (Est. population Jan. 1, 1926 also given)

1927: state (exclusive of cottage cheese) In Calif. Dept. agr. Special pub. 83, p. 15 (Est. population July 1, 1927 also given)

Cost of Production

Estimated cost of producing one lb. Roquefort type cheese at University farm creamery (price of milk based on price paid by University farm creamery for milk "for manufacturing purposes."


Freight Rates

Freight Rates - Continued


Imports

Approximate annual imports. In Calif. state agr. soc. Trans. 1893, p.109 (W. P. Chipman, State bd. trade)
1925: Los Angeles; San Francisco; San Diego (exclusive of cottage cheese) In Calif. Dept. agr. Special pub. 62, p.11.

Number of Cheese Factories


Price

1855: Sonoma county. In Calif. Surveyor gen. Rept. 1855, p.311. (County assessor)
Price - Continued

1863 (monthly, average for the year): San Francisco (wholesale prices - Eastern cheese) In Calif. state agr. soc. Trans. 1863, p.269.


1890: state and county (average value reported by assessors) In Calif. State bd. equalization. Rept. 1880, p.98-99.

1892: 7 counties (average value reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.36-37.

1893: 7 counties (average value reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.66.


1894: 8 counties (average value reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p.93.


Price - Continued


1920 (monthly - year ended June 30): San Francisco market (quotations) in Calif. Dept. agr. Special pub. 10, p.37, table XI.

1920-1911 (annual): San Francisco market (average price) in Calif. Dept. agr. Special pub. 10, p.35.


Price - Continued
1924-1915 (annual): San Francisco market (average price) In Calif. Dept. agr. Special pub. 50, p.11.
1927 (monthly, Jan.-Dec.): San Francisco market (quotations) In Calif. Dept. agr. Special pub. 83, p.18.

Production
1857: counties (state total p.23) In Calif. Surveyor gen. Rept. 1857, table 1, following p.22 (Assessors' repts.)
1858: counties. In Calif. Surveyor gen. Rept. 1858, following p.32 (County assessors)
Production - Continued

1860; counties. In Calif. Surveyor gen. Rept. 1860, table 1, following p.30 (Assessors' repts.)

1860,1850 (years ended June 1), 1852; state. In Calif. State bd. agr. Rept. 1911, p.34 (1852 figure is from State census; 1850,1860 figures are from Federal census)

1861; counties. In Calif. Surveyor gen. Rept. 1861, table 1, following p.16 (Assessors' repts.)

1862 (table headed 1861); state and county. In Calif. Surveyor gen. Rept. 1862, p.62-63. Production for Fresno and Humboldt county, p.109,114 (County assessors)

1863; state and county. In Calif. Surveyor gen. Rept. 1863, p.84-85; in Calif. state agr. soc. Trans. 1863, p.236-239. (County assessors)


1869 (table headed 1869-70); state and county. In Calif. state agr. soc. Trans. 1870, p.180-181 (County assessors)

1869; state and county. In Calif. Surveyor gen. Statistical rept. 1869, p.14-15; also in Rept. 1869/71, p.20-21 (County assessors)

1871: Sonoma county (estimated yearly production of Limburgh cheese) In Calif. state agr. soc. Trans. 1874, p.415 (R. A. Thompson)


1870; state and county. In Calif. state agr. soc. Trans. 1871, p.374-375 (Comp. from Mercantile Gazette)

1870 (table headed 1870-71); state and county. In Calif. state agr. soc. Trans. 1871, p.390-391 (County assessors)

1871 (table headed 1872); state. In Calif. state agr. soc. Trans. 1872, p.385 (County assessors)

1871 (tables headed 1872); state and county. In Calif. state agr. soc. Trans. 1873, p.208-209; in Calif. Surveyor gen. Bien. rept. 1871/73, p.34-35 (County assessors)

1872 (tables headed 1873); state and county. In Calif. state agr. soc. Trans. 1873, p.234-235; in Calif. Surveyor gen. Bien. rept. 1871/73, p.62-63 (County assessors)

1872; certain counties. In Calif. state agr. soc. Trans. 1873, p.254,257,260,264; in Calif. Surveyor gen. Bien. rept. 1871/73, p.84,87,90,94. (County assessors)
Production – Continued


1875,1874: state and county (quantity assessed) In Calif. State bd. equalization. Rept. 1874-75, p.36-37,54-65.


1877: state and county. In Calif. state agr. soc. Trans. 1878, p.350-351 (County assessors)


1879: state and county. In Calif. State bd. equalization. Rept. 1880, p.120.


1883: state and 7 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1883 and 1884, p.66.

1884: state and 8 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1883 and 1884, p.93.

1886: state and 5 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1885 and 1886, p.70.

1887: state and 5 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1887 and 1888, p.69.
Production - Continued

1887: state and 4 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1887 and 1888, p.89.

1889: state and 4 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1889 and 1890, p.51.

1890: state and 4 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1889 and 1890, p.70.

1891: state and San Luis Obispo and Santa Cruz counties (quantity assessed) In Calif. State bd. equalization. Rept. 1891 and 1892, p.51.

1892: state and 5 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1891 and 1892, p.79.


1900-1901, 1902/04: state and county. In Calif. State bd. agr. Rept. 1911, p.65-66 (1900 figures is for Santa Clara county only (U. S. Census)

1900-1950(10 year periods): state and county. In Calif. State bd. agr. Rept. 1911, p.65-66 (1950 figure is for Santa Barbara county only (U. S. Census)

1900-1950(10 year periods): state (made on farm; made in factories; total) In Calif. State bd. agr. Rept. 1911, p.67 (U. S. Census)


1904: Sacramento county. In Calif. state agr. soc. Rept. 1904, p.171. (W. J. Davis)


1905: counties. In Calif. state agr. soc. Rept. 1905. (See Contents under names of counties)

1906(tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
CHEESE - Continued

Production - Continued

1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1907/08: Southern Calif. In Calif. state agr. soc. Rept. 1908, p.17. (Los Angeles Chamber of Commerce)
1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1908 (year ended Sept. 30): state. In Calif. state agr. soc. Rept. 1908, p.22 (State dairy bur.)
1909 (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)
1910 (tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)
1910-1850 (10 year periods): state (made on farm; made in factories (1880-1910); total) In Calif. State bd. agr. Repts. 1912-1918. (U. S. Census)
1911-1900 (annual): state and county. In Calif. State bd. agr. Rept. 1911, p.71-72 (State dairy bur.)
1912,1911 (years ended Sept. 30): state and county (amount reported) In Calif. State dairy bur. 9th Bien. rept. 1911-1912, p.34. State only, p.36.
1912,1911,1910: state and county. In Calif. State bd. agr. Rept. 1912, p.60 (State dairy bureau)
1913-1897 (annual): state. In Calif. State bd. agr. Statistical rept. 1913, p.66; 1897-1911 also in Rept. 1911, p.70; 1897-1912 in Rept. 1912, p.61 (State dairy bur.)
1913-1911 (Sept. 30 of each year): state and county. In Calif. State bd. agr. Statistical rept. 1913, p.59. (State dairy bur.)
1914,1913,1912 (years ended Sept. 30): state and county. In Calif. State bd. agr. Statistical rept. 1914, p.66 (State dairy bur.)
1915,1914 (Sept. 30 of each year): state and county. In Calif. State bd. agr. Statistical rept. 1915, p.65 (State dairy bur.)
Production - Continued

1915-1906 (annual); state. In Calif. State bd. agr. Statistical rept. 1916, p.51 (State dairy bur.)


1917-1906 (annual); state. In Calif. State bd. agr. Statistical rept. 1917, p.71 (State dairy bur.)

1917,1916 (Sept. 30 of each year); state and county. In Calif. State bd. agr. Statistical rept. 1917, p.70 (State dairy bur.)

1918-1908 (annual); state. In Calif. State bd. agr. Statistical rept. 1918, p.89 (State dairy bur.)


1919-1909 (annual); state. In Calif. State bd. agr. Statistical rept. 1919, p.68 (State dairy bur.)

1919,1918: state (estimate). In Farm management notes for Calif., p.16.

1919,1918,1917 (Sept. 30 of each year); state and county. In Calif. State bd. agr. Statistical rept. 1919, p.68 (State dairy bur.)

1920 (year ended June 30); state and county (all types exclusive of cottage) In Calif. Dept. agr. Special pub. 10, p.13 (State only p.6,11; State only, classified by types, p.12)

1920-1909 (annual); state. In Calif. State bd. agr. Statistical rept. 1920, p.120 (State division of animal industry)

1920-1911 (annual - figures for 1911-1919 are for year ended Sept. 30; for 1920, year ended June 30); state (includes cottage cheese except for 1920) In Calif. Dept. agr. Special pub. 10, p.35, table VI.

1920-1917 (annual); state and county. In Calif. State bd. agr. Statistical rept. 1920, p.120 (State division of animal industry)


1921 (year ended June 30); state and county. In Calif. Dept. agr. Special pub. 21, p.9 (State only, p.6; State only, classified by types, p.8)


Production - Continued


1921-1912 (annual; figures for 1912-1919 refer to year ended Sept. 30; for 1920, 1921, year ended June 30): state (figures for 1920 and 1921 exclude cottage cheese, other years believed to include cottage cheese) In Calif. Dept. agr. Special pub. 21, p.9.

1921-1917 (annual; state and county). In Calif. State bd. agr. Statistical repts. 1921, p.42.

1921/22; state (with increase over previous year; does not include cottage cheese) In Calif. Dept. agr. Monthly bul. v.11, Nov.-Dec. 1922, p.943.


1922 (year ended June 30): state and county (all types exclusive of cottage and full skim classified by varieties for state) In Calif. Dept. agr. Special pub. 30, p.9.


1923-1914 (annual; figures for 1914-1919 refer to year ended Sept. 30; for 1920-1923 to year ended June 30): state. In Calif. Dept. agr. Special pub. 39, p.10 (figures for 1914-1919 comp. by State dairy bureau and are believed to include cottage cheese; figures for 1920-1923 inclusive, exclude cottage and full skim cheese)

1924 (year ended June 30): state (all types exclusive of cottage and full skim, classified by varieties) In Calif. Dept. agr. Special pub. 50, p.8.

1924 (during the 6 months ended Dec. 31): state and county (exclusive of cottage and full skim; classified by variety for state) In Calif. Dept. agr. Special pub. 62, p.17. State only, p.15.


1924-1915 (annual; figures for 1915-1919 refer to year ended Sept. 30; 1920-1924 to year ended June 30): state (figures for years 1915-1919 comp. by State dairy bureau and are believed to include cottage cheese; figures for 1920-1924 exclude cottage and full skim cheese) In Calif. Dept. agr. Special pub. 50, p.9.
Production - Continued


1926: state (classified by varieties) In Calif. Dept. agr. Special pub. 71, p. 16.


1926, 1925 (Jan.-Dec.), 1922 (July-June): state (all types exclusive of cottage and full skim) In Calif. Dept. agr. Special pub. 71, p. 10.


1927: state (total manufactured) In Calif. Dept. agr. Special pub. 83, p. 15.

1927: state (whole milk cheese; classified by varieties; soft cheese exclusive of cottage cheese; part skim cheese classified by varieties; total) In Calif. Dept. agr. Special pub. 83, p. 15.

1927-1918 (annual): state (figures for 1920-1927 do not include cottage and other full skim cheese; it is thought that the 1918-1919 figures include cottage cheese) In Calif. Dept. agr. Special pub. 83, p. 17.

1927-1925 (annual, Jan.-Dec.): state (all types, exclusive of cottage and full skim) In Calif. Dept. agr. Special pub. 83, p. 9.


Receipts

1879, 1878 (monthly, annual): (Bay, Coast) at San Francisco. In Calif. state agr. soc. Trans. 1879, p. 222 (Commercial Herald.)

1881, 1880 (monthly, annual): (Bay, Coast) at San Francisco. In Calif. state agr. soc. Trans. 1881, p. 165 (Commercial Herald.)


1901: San Francisco (by sources) In Calif. state agr. soc. Trans. 1901, p. 161 (State dairy bur.)

Receipts - Continued

1926: state (total receipts - amount manufactured; amount imported - cottage cheese not included) In Calif. Dept. agr. Special pub. 71, p.16.
1927: state (total receipts - amount manufactured, and imports) In Calif. Dept. agr. Special pub. 83, p.15.
Sales

Shipments
1896: Pacific Coast R.R. Co. freight traffic movement (per cent of total also given) In Calif. Bd. R.R. commissioners. 10th Annual rept. 1899, appendix, p.162.
1895: From San Francisco (total, by countries of destination) In Calif. state agr. soc. Trans. 1895, p.19.
1899/1900,1900/01: state. In Calif. state agr. soc. Trans. 1900, p.114 (Leroy Anderson)
1900,1899: Humboldt county. In Calif. state agr. soc. Trans. 1901, p.220 (Humboldt Standard)
1905: counties (shipped out of county) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
Shipments - Continued

1923: shipments - coastwise, internal - to Port of San Francisco; from Port of San Francisco, In Calif. Bd. state harbor commissioners. Bien. rept. 1922/24, p.61,68,64,66.
1925: Los Angeles; San Francisco; San Diego; individual factories; total (exclusive of cottage cheese) In Calif. Dept. agr. Special pub. 62, p.11.
1926: Los Angeles; San Francisco; San Diego; individual factories; total (exclusive of cottage cheese) In Calif. Dept. agr. Special pub. 71, p.16.

Value

1855: Sonoma and Yolo counties. In Calif. Surveyor gen. Rept. 1855, p.311,319 (County assessors)
1877,1878: state and county (assessed value) In Calif. State bd. equalization. Rept. 1874-75, p.36-37,64-65.
1882: state and 7 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p.86-87.
1883: state and 7 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.66.
1884: state and 8 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p.98.
1886: state and 8 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p.70.
1887: state and 5 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.59.
1888: state and 4 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p.89.
1889: state and 5 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.51.
1890: state and 6 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p.70.
1891: state and Sacramento, San Luis Obispo and Santa Cruz counties (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p.51.
Value - Continued

1892: state and 5 counties (reported by assessors) In Calif. State Rept. 1891 and 1892, p.79.


1898/99-1896/97 (annual): state (cheese factory product) In Calif. state agr. soc. Trans. 1899, p.31-32 (State dairy bureau)
1899/1900, 1898/99: state (cheese factory product) In Calif. state agr. soc. Trans. 1900, p.113 (State dairy bureau)
1901: Southern Calif. (estimated value) In Calif. state agr. soc. Trans. 1901, p.135 (Los Angeles Chamber of commerce)
1904: Sacramento county. In Calif. state agr. soc. Rept. 1904, p.171 (V. J. Davis)
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906 (tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1908 (year ended Sept. 30): state. In Calif. state agr. soc. Rept. 1908, p.22 (State dairy bureau)
1909 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1909: state (cheese sold) In Calif. State bd. agr. Repts. 1912-1918 (U.S. Census)
1909 (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)
1910 (tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)
1913, 1912: state (annual value) In Calif. State bd. agr. Statistical rep. 1913, p.60.
CHEESE - Continued

Value - Continued


1918; state.  In Farm management notes for Calif. p.19.


1920(year ended June 30); state (approx. value cheese all types except cottage) In Calif.  Dept. agr. Special pub. 10, p.6, 11.  (Classified by types on p.12)

1920, 1919, 1918; state (annual value) In Calif.  State bd. agr. Statistical rept. 1920, p.121.

1921(year ended June 30); state (approx. value cheese all types except cottage) In Calif.  Dept. agr. Special pub. 21, p.6; in Calif.  Dept. agr. Statistical rept. 1921, p.143.

1922(year ended June 30); state (approx. value all types exclusive of cottage and full skim) In Calif.  Dept. agr. Special pub. 30, p.6; in Calif.  Dept. agr. Monthly bul. v.11, Nov.-Dec. 1922, p.954.

1923(year ended June 30); state (approx. value all types exclusive of cottage and full skim) In Calif.  Dept. agr. Special pub. 39, p.6; in Calif.  Dept. agr. Monthly bul. v.12, July-Dec. 1923, p.414.

1924(year ended June 30); state (approx. value all types exclusive of cottage and full skim) In Calif.  Dept. agr. Special pub. 50, p.6; in Calif.  Dept. agr. Monthly bul. v.13, July-Dec. 1924, p.206.

1924(during the 6 months ended Dec. 31); state (approx. value exclusive of cottage and skim) In Calif.  Dept. agr. Special pub. 62, p.15.


1926, 1925(Jan.-Dec.); 1922(July-June); state (approx. value of all types exclusive of cottage and full skim) In Calif.  Dept. agr. Special pub. 71, p.10.

1927-1925(annual, Jan.-Dec.); state (approximate value of all types exclusive of cottage and full skim) In Calif.  Dept. agr. Special pub. 83, p.9.
Value of Imports
1865-1868 (annual): total cost of cheese imported; also cost for the 5 years. In Calif. state agr. soc. Trans. 1864-1865, p. 367 ('Average annual cost on p. 379 - Mercantile Gazette')
1915 (year ended June 30): Port of Los Angeles (approx. value of domestic imports) In Los Angeles, Bd. harbor commissioners. Annual rept. 1914/15, p. 54.

Value of Shipments
1895: from San Francisco (total by countries of destination) In Calif. state agr. soc. Trans. 1895, p. 19.
1899-1904 (annual): value of cheese that left the Port of San Francisco, consigned to foreign countries - the Orient, Central America, other countries; total. In Calif. State dairy bur. 3rd [Biol.] rept. 1900/1900, p. 23.
1905: Fresno, Merced counties (shipped out of counties) In Calif. state agr. soc. Rept. 1905, p. 166, 143.
Value of Shipments - Continued


1923: shipments - constwise; internal - to Port of San Francisco; from Port of San Francisco. In Calif. Bd. state harbor commissioners. Rpt. 1922/24, p. 61, 63, 64, 66.

Consumption Per Capita


1926: state. In Calif. Dept. agr. Special pub. 71, p. 16. (Est. population given also)

1927: state. In Calif. Dept. agr. Special pub. 83, p. 15. (Est. population July 1, 1927 given also)

Production


Production - Continued

1926, 1925 (Jan.-Dec.), 1922 (July-June): state. In Calif. Dept. agr. Special pub. 71, p. 10; 1926 also given on p. 15.
1927-1925 (annual, Jan.-Dec.): state. In Calif. Dept. agr. Special pub. 88, p. 9; 1927 also given on p. 15.

Value

1920 (year ended June 30): state (approximate value) in Calif. Dept. agr. Special pub. 10, p. 6, 12, 21.
1924 (during the 6 months ended Dec. 31): state (approximate value) in Calif. Dept. agr. Special pub. 62, p. 15.
1926, 1925 (Jan.-Dec.), 1922 (July-June): state (approximate value) in Calif. Dept. agr. Special pub. 71, p. 10.

Production and Value


CHEESE - SKIN

Production - Continued
Production and Value - Continued

1926, 1925 (Jan.-Dec.), 1922 (July-Dec.): state. In Calif. Dept. agr. Special pub. 71, p. 10; 1926 also given on p. 16.

Milk and Cream

Price


Production


Shipments


Value

1898/99-1897/96 (annual): state (milk and cream consumed or produced for consumption) In Calif. state agr. soc. Trans. 1899, p. 31, 32 (State dairy bureau)
1899/1900, 1899/99: state. In Calif. state agr. soc. Rept. 1900, p. 113. (State dairy bureau)
1908 (year ended Sept. 30): state. In Calif. state agr. soc. Rept. 1908, p. 22 (State dairy bur.)
Value — Continued

Value of Shipments

MILK AND CREAM — CONDENSED

Production and Value

MILK, CREAM AND ICE CREAM

Value
1914,1913: state (annual value of market milk, cream and ice cream) In Calif. State bd. agr. Statistical rept. 1914, p.57. 1913 also in Rept. 1913, p.60.
1919,1918,1917: state (annual value of market milk, cream and ice cream). In Calif. State bd. agr. Statistical rept. 1919, p.68. (1917 and 1918 also in Rept. 1918, p.89.
Production and Value

1920 (year ended June 30): state (for human consumption) In Calif. Dept. agr. Special pub. 10, p.6, 33.
1924 (year ended June 30): state (for human consumption) In Calif. Dept. agr. Special pub. 50, p.6.
1924 (during the 6 months ended Dec. 31): state (for human consumption) In Calif. Dept. agr. Special pub. 62, p.15.

Shipments (Quantity and Value)


BUTTERMILK - ARTIFICIAL

Production and Value


BUTTERMILK - POWDERED

Production

Shipments (Quantity and Value)
1914, 1913: shipped from Port of Eureka (dry buttermilk). In Calif. Bd. harbor commissioners for the Port of Eureka. Official repts. ... 1914, 1913. (Each rept. gives data for one year only).

Value

Production
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906 (tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1920 (year ended June 30) p. state (market cream pasteurized; raw) In Calif. Dept. agr. Special pub. 10, p.6, 29.
1924 (during the 6 months ended Dec. 31): state (market cream raw; pasteurized; total; raw partially estimated) In Calif. Dept. agr. Special pub. 62, p.15.
1926, 1925 (Jan.-Dec.), 1922 (July-June): state (market cream, raw and pasteurized; partially estimated) In Calif. Dept. agr. Special pub. 71, p.10.

Sales (Quantity and Value)
Salos (Quantity and Value) - Continued

1919 (year ended June 30): University farm (receipts from cream) In Calif. Agr. exp. sta. Rept. 1918/19, p.120 (Quantity not given)

Shipments

1914-1906 (annual): shipped from Port of Eureka (fresh) In Calif. Bd. harbor commissioners for the Port of Eureka. Official repts. ... 1914-1906 (Each rept. gives data for one year only)

Value

1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906 (tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1915: Orange county (est. value) In Calif. State bd. agr. Statistical rept. 1915, p.350 (Chamber of commerce)
1916: Orange county (est. value) In Calif. State bd. agr. Statistical rept. 1916, p.376 (Chamber of commerce)
Value - Continued

1924 (during the 6 months ended Dec. 31): state (approximate value market cream raw and pasteurized) in Calif. Dept. agr. Special pub. 62, p.15.

1926,1925 (Jan.-Dec.), 1922 (July-June): state (market cream, raw and pasteurized; partially estimated) in Calif. Dept. agr. Special pub. 71, p.10.

Value of Shipments

1914-1908 (annual): shipped from Port of Eureka (fresh) In Calif. Bd. harbor commissioners for the Port of Eureka. Official repts. ... 1914-1903 (Each rept. gives data for one year only)

Production and Value


Shipments (Quantity and Value)

Value

soc. Rept. 1907, p.146.

ICE CREAM

Consumption Per Capita

1926: state. In Calif. Dept. agr. Special pub. 71, p.17 (Est. popula-
tion given also)
1927: state. In Calif. Dept. agr. Special pub. 83, p.17 (Est. popula-
tion given also)

Production

1918/19(?): University farm. In Calif. Agr. exp. sta. Rept. 1918/19,
p.112.
10, p.6,31.
1920/21(?): University farm. In Calif. Agr. exp. sta. Rept. 1920/21,
p.124.
1921 (year ended June 30): state. In Calif. State bd. agr. Statistical
rept. 1921, p.143; in Calif. Dept. agr. Special pub. 21, p.6.
1921/22: state (with decrease) In Calif. Dept. agr. Monthly bul. v.11,
1922 (year ended June 30): state. In Calif. Dept. agr. Special pub. 30,
Special pub. 30, p.10.
1923 (year ended June 30): state (ice cream; nut ice cream; fruit ice
Special pub. 39, p.9.
1924 (year ended June 30): state (ice cream including nut and fruit)
In Calif. Dept. agr. Special pub. 50, p.6; in Calif. Dept. agr.
1924 (during the 6 months ended Dec. 31): state and county (including
nut and fruit) In Calif. Dept. agr. Special pub. 62, p.18. State
only, p.15.
Special pub. 50, p.9.
1925 (year ended Dec. 31): state (including nut and fruit) In Calif.
Production - Continued


Value

1924 (during the 6 months ended Dec. 31): state (approximate value including fruit and nut) In Calif. Dept. agr. Special pub. 62, p.15.
MILK

Consumption

Consumption Per Family

Cost of Distribution
1917 (June 30): Oakland and Berkeley (cost per gallon by 10 distributors. No. of gallons, no. of customers; cost of distribution; distribution including bad debts) In Calif. Agr. exp. sta. Circ. 175, p.10.

Cost of Production
11 districts (percentage of total cost due to labor; to feed; to labor and feed). In Calif. Agr. exp. sta. Rept. 1922/23, p.133.
Wages and other expenses — rent, price of hay, etc. — hours of work day as reported by 36 producers. In Calif. Agr. exp. sta. Circ. 175, [Oct. 1917], p.8.
1916 (July): 6 leading dairies (itemized cost data of a gallon of milk including feed, labor, overhead, etc. total; total cost of a gallon of milk delivered in San Francisco) In Calif. State commission market. Annual rept. 1916, p.20.
1917, 1916: data from 36 dairyman supplying milk to the Bay cities (cost per gallon delivered). In Calif. Agr. exp. sta. Circ. 175, p.5.
1928 (Apr. 1) - 1921 (Nov. 1) (data taken during period): 246 dairies (total cost and production for 11 typical dairying districts; average cost and production per cow for individual dairies for each district; percentages [by districts] of different cost items entering into the production of milk; items making up gross costs; relation of production cost to price for several districts; percentages labor, feed are of gross cost — for all districts; variation in feed costs; in labor cost for 3 districts; production per cow necessary to meet all average costs. In Calif. Agr. exp. sta. Bul. 372. (34 tables)
MILK - Continued

Expenditure Per Family:

1917(?): total minimum, maximum expenditure per year for an average family of 5 persons. In Calif. Agr. exp. sta. Circ. 163, p. 7, 13; also in Circ. 167, p. 2 (Figures by Prof. Jaffa).

1917, 1916 (May of each year): state (?) (per family of 5). In Calif. Agr. exp. sta. [unnumbered Cir.] "Living Expenses" by Jaffa.

Freight Rates


Imports (Quantity and Estimated Value)


1917 (year ended June 30): Port of Los Angeles (inbound domestic commerce) In Los Angeles, Bd. harbor commissioners. Annual rept. 1916-17, p. 43.

Price


1883(?): San Francisco; New York; Chicago retail prices compared with several countries; with principal cities of Europe. In Calif. Bur. labor statistics. 1st Bien. rept. 1883-84, p. 266-267.


1917, 1916: data from 36 dairymen supplying milk to Bay Cities of Calif. (price per gallon received; price wanted). In Calif. Agr. exp. sta. Circ. 175, p. 3.

1917, 1916 (May of each year): state (?) (market price per lb.) In Calif. Agr. exp. sta. [unnumbered Circ.] "Living expenses" by Jaffa.


Production

Production - Continued

1870: state and county. In Calif. state agr. soc. Trans. 1871, p.374-375 (Mercedille Gazette)
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1916(?): data from 36 dairymen supplying milk to Bay cities of Calif.
1920(year ended June 30): state (market milk pasteurized; raw) In Calif. Dept. agr. Special pub. 10, p.6,29 (Certified milk, p.6)
1921(year ended June 30): state (market milk raw; pasteurized; certified milk) In Calif. State bd. agr. Statistical rept. 1921, p.143; also in Calif. Dept. agr. Special pub. 21, p.6.
1922(year ended June 30): state and county (market milk) In Calif.
   Dept. agr. Special pub. 30, p.8.
1923(year ended June 30): state (milk classified by grades) In Calif.
1923(year ended June 30): state and county (market milk) In Calif.
   Dept. agr. Special pub. 39, p.7.
1924(year ended June 30): state (milk classified by grades) In Calif.
1924(year ended June 30): state and county (market milk) In Calif.
   Dept. agr. Special pub. 50, p.7.
1924(during the 6 months ended Dec. 31): state and county (market milk; raw milk partially estimated) In Calif. Dept. agr. Special pub. 62, p.16 (State only, p.15).
Milk - Continued

Production - Continued

1926,1927 (Jan.-Dec.), 1928 (July-June): state and county (market milk) In Calif. Dept. agr. Special pub. 71, p.12 (state only, p.10)
1927-1929 (annual, Jan.-Dec.): state and county (market milk) In Calif. Dept. agr. Special pub. 68, p.11 (State only, p.9)

Production Per Cow


Sales (Quantity and Value)

1908 (table headed 1907-08): San Joaquin county (value only of milk sold for consumption) In Calif. state agr. soc. Rept. 1908, p.159.
1909 (table headed 1909-09): San Joaquin county (value only of milk sold or consumed locally) In Calif. state agr. soc. Rept. 1909, p.147.

Shipments

MILK - Continued

Shipments - Continued

Standard Weight or Measure

Value
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1919 (year ended June 30): University farm (receipts from milk) In Calif. Agr. exp. sta. Rept. 1918/19, p. 120.
1920 (year ended June 30): state (approx. value of market milk pasteurized; raw; certified) In Calif. Dept. agr. Special pub. 10, p. 6.
**Value - Continued**


1924 (during the 6 months ended Dec. 31): state (approx. value of market milk raw and pasteurized) In Calif. Dept. agr. Special pub. 62, p.15.


1926, 1925 (Jan.-Dec.), 1922 (July-June): state (approx. value of market milk, raw and pasteurized) In Calif. Dept. agr. Special pub. 71, p.10.


**Value of Shipments**


**MILK - CITED**

**Imports (Quantity and Value)**

1914 (year ended June 30): Port of Los Angeles (domestic imports) In Los Angeles. Bd. harbor commissioners. Annual rept. 1914/15

... abridged rept. 1913/14, p.130 (Value not given)


MILK - CANDID - Continued

Imports (Quantity and Value) - Continued

Shipments (Quantity and Estimated Value)

CHOCOLATE MILK

Production and Value

MILK - CONDENSED

Imports

Production
Production - Continued

1913-1909 (annual): state. In Calif. State bd. agr. Statistical rept. 1913, p. 60 (State dairy bur.)
1918-1908 (annual): state. In Calif. State bd. agr. Statistical rept. 1918, p. 89 (State dairy bur.)
1918/19 (?): University farm (condensed whole milk; skin milk) In Calif. Agr. exp. sta. Rept. 1918/19, p. 112.
1919: state (estimated) In Farm management notes for Calif., p. 18.
1920-1909 (annual): state. In Calif. State bd. agr. Statistical rept. 1920, p. 120.
MILK — CONDENSED — Continued

Production — Continued


1924(during the 6 months ended Dec. 31): state (sweetened cond. whole milk; skim milk) In Calif. Dept. agr. Special pub. 62, p.15.


1926,1925(Jan.—Dec.),1922(July—June): state (sweetened cond. whole milk; sweetened cond. skim milk) In Calif. Dept. agr. Special pub. 71, p.10.

1927—1925(annual, Jan.—Dec.): state (sweetened cond. whole milk; sweetened cond. skim milk) In Calif. Dept. agr. Special pub. 68, p.9.

Receipts


Value


1908(year ended Sept. 30): state. In Calif. state agr. soc. Rept. 1908, p.22 (State dairy bur.)

MILK - CONDENSED - Continued

Value - Continued

1920 (year ended June 30): state (approx. value of sweetened condensed whole milk; sweetened condensed skin milk) In Calif. Dept. agr. Special pub. 10, p.6.
1924 (during the 6 months ended Dec. 31): state (approx. value sweetened cond. whole milk; skin milk) in Calif. Dept. agr. Special pub. 62, p.15.
1926,1925 (Jan.-Dec.), 1922 (July-June): state (approx. value of sweetened cond. skin milk; sweetened whole milk) In Calif. Dept. agr. Special pub. 71, p.10.

Shipments

1900,1899: Humboldt county. In Calif. state agr. soc. Trans. 1901, p.220 (Humboldt Standard)
1917-1904,1902-1900 (annual): shipped from the Port of Eureka (number of cases and pounds) In Calif. Bd. harbor commissioners for the Port of Eureka. Official repts. 1917-1904,1902-1900. (Each rept. gives data for 1 year only)
### MILK - CONDENSED - Continued

#### Shipments - Continued


#### Value of Shipments


### MILK - CONDENSED AND EVAPORATED

#### Production

1916: state. In Farm management notes for Calif. , p.18.
1920-1911(annual; figures for 1911-1919 refer to year ended Sept. 30; for 1920, year ended June 30): state. In Calif. Dept. agr. Special pub. 10, p.35, table VI.
1922-1913(annual; figures for 1913-1919 refer to year ended Sept. 30; for 1920-1922 to year ended June 30): state. In Calif. Dept. agr. Special pub. 30, p.10.

#### Shipments (Quantity and Value)

Value

1918: state. In Farm management notes for Calif., p.18.

MILK - CONDENSED, DRY EVAPORATED AND POWDERED

Production


Value

1913,1912: state (annual value) In Calif. State bd. agr. Statistical rept. 1913, p.50 (1912 in Rept. 1912, p.61)
1919,1918,1917: state (annual value) In Calif. State bd. agr. Statistical rept. 1919, p.68 (1917 and 1918 also in Rept. 1918, p.89)

MILK - DRY EVAPORATED AND POWDERED

Production and Value

1911: state (annual value) In Calif. State bd. agr. Rept. 1912, p.61 (Value only).

MILK - EVAPORATED

Price

1925-1923(annual): Los Angeles, San Francisco (average retail prices)
MILK - EVAPORATED

Production
1924 (during the 6 months ended Dec. 31): state (evap. whole milk; skin) In Calif. Dept. agr. Special pub. 62, p. 15.
1926, 1925 (Jan.-Dec.), 1922 (July-June): state (evap. whole milk; evap. skin milk) In Calif. Dept. agr. Special pub. 71, p. 10.

Shipments (Quantity and Value)

Value
1921 (year ended June 30): state (approx. value evap. whole milk; evap. skin milk) In Calif. Dept. agr. Special pub. 21, p. 6; in Calif. State bd. agr. Statistical rept. 1921, p. 143.
Value - Continued

1924 (during the 6 months ended Dec. 31): state (approx. value evap. whole milk) In Calif. Dept. agr. Special pub. 62, p.15.
1926, 1925 (Jan.-Dec.), 1922 (July-June): state (approx. value of evap. whole milk; evap. skim milk for 1922 only) In Calif. Dept. agr. Special pub. 71, p.10.

MILK - EVAPORATED

Production and Value


MILK - POWDERED

Imports (Quantity and Estimated Value)


Production

Milk - Powdered - Continued

Production - Continued

1924 (during the 6 months ended Dec. 31): state (whole; skim) In Calif. Dept. agr. Special pub. 62, p.15.
1926, 1925 (Jan.-Dec.), 1922 (July-June): state (whole milk; skim milk) In Calif. Dept. agr. Special pub. 71, p.10.

Shipments

1920/21 (Oct. 1 to June 30), 1921/22 (July 1 to June 30): from San Francisco to eastern cities (milk powdered, dried, etc.) In Calif. Bd. state harbor commissioners. Bien. rept. 1920/22, table 6, following p.78.
Shipment - Continued


Value


1924(during the 6 months ended Dec. 31): state (approx. value of whole milk; skim milk) In Calif. Dept. agr. Special pub. 62, p. 15


1926, 1925(Jan.-Dec.), 1922(July-June): state (approx. value of whole milk; skim milk) In Calif. Dept. agr. Special pub. 71, p. 10.


Value of Shipments


Value of Shipments - Continued


**Skim Milk**

Production


1925 (during the 6 months ended Dec. 31): state (for human consumption) In Calif. Dept. agr. Special pub. 62, p.15.


1927-1925 (annual, Jan.-Dec.); state (for human consumption; cultured skin milk) In Calif. Dept. agr. Special pub. 71, p.10.

Shipments (Quantity and Value)


Value

Value - Continued

1908 (year ended Sept. 30): state (skim milk from butter production) in Calif. State agr. soc. Rept. 1908, p.22 (State dairy bur.)

1919 (year ended June 30): University farm (receipts from skim milk) in Calif. Agr. exp. sta. Rept. 1918/19, p.120.


1924 (during the 6 months ended Dec. 31): state (approx. value for human consumption) in Calif. Dept. agr. Special pub. 62, p.15.


1925 (Jan.-Dec.), 1922 (July-June): state (approx. value of skim milk for human consumption; cultured skin milk) in Calif. Dept. agr. Special pub. 71, p.10.


SKIM MILK AND BUTTER MILK

Value


1913, 1912: state (annual value) in Calif. State bd. agr. Statistical rept. 1913, p.60.


Value - Continued


Milk Fat

Percent Utilized for Butter, Cheese, Cream, Ice Cream, Milk, Evaporated Milk

Price


Production


Value

1926, 1925: state (farm value of milk fat sold by farmers at given average prices; total value) In Calif. Dept. agr. Special pub. 71, p.10.
Value - Continued

1927-1925 (annual, Jan.-Dec.): state (farm value of milk fat sold by farmers at given average prices; total value). In Calif. Dept. agr. Special pub. 83, p.9.

MILK SUGAR

Production and Value

1920, 1919, 1918: state (value only of crude and refined) In Calif. State bd. agr. Statistical rept. 1920, p.121 (1918 and 1919 also in Rept. 1919, p.69)
1926, 1925 (Jan.-Dec.), 1922 (July-June): state (crude and refined) In Calif. Dept. agr. Special pub. 71, p.10.

HIDES, SKINS AND FURS

Value of Imports and Exports

1924 (year ended June 30): Port of Los Angeles (hides, skins and furs - from and to named foreign countries) In Los Angeles bd. harbor commissioners. Annual rept. 1923/24, folded chart, back cover.
Freight Discharged and Loaded

1910, 1909 (year ended June 30): over state wharves of San Francisco (hides of cattle, green and dry shipped by other than R.R. ferry boats - discharged; loaded; total; discharged and loaded by R.R. ferry boats and cars; grand total; same data given for skins) In Calif. Bd. state harbor commissioners. Bien. rept. 1908/10, p. 96, 98.

Freight Rates


Imports


1919 (July- Dec.): Port of Los Angeles (inbound foreign commerce) In Los Angeles. Bd. harbor commissioners. Annual repts. 1918-20, p. 86.


1922, 1921 (years ended June 30): imports to Port of San Francisco from various foreign countries. In Calif. Bd. state harbor commissioners. Bien. rept. 1920/22, tables 2 and 4, following p. 78.

HIDES - Continued

Imports - Continued


Price

1909: Fresno county (high and low prices paid for dry hides and wet salt steer hides) In Calif. state agr. soc. Rept. 1909, p.64.

Production

1866: San Francisco county (number tanned) In Calif. Surveyor gen. Rept. 1865/67, p.113 (County assessors)
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906 (tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1909 (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)
1910 (tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)

Shipments

1905: counties (shipped out of county) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
### Shipment - Continued

1906 (tables headed 1905-06): 6 counties (shipped out of state)


1914 (year ended June 30): Port of Los Angeles (commerce - inbound, domestic; foreign; total) In Los Angeles. Bd. harbor commissioners. Annual rept. 1914/15 ... abridged rept. 1913/14, p. 129.


1920/21 (Oct. 1 to June 30), 1921/22 (July 1 to June 30): from San Francisco to eastern cities. In Calif. Bd. state harbor commissioners. Bion. rept. 1920/22, table 6, following p. 78.

1925, 1926 (Jan. 1 to June 30 for 1926): intercoastal from Port of San Francisco by cities of destination. In Calif. Bd. state harbor commissioners. Bion. rept. 1924/26, p. 90, 92. (Exports to various foreign countries, p. 98, 100)

### Value

1901: Southern Calif. (estimated value) In Calif. state agr. soc. Trans. 1901, p. 135 (Los Angeles Chamber of commerce)

1905: counties. In Calif. state agr. soc. Rpt. 1905 (See Contents under names of counties)


1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rpt. 1907 (See Contents under names of counties)

1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rpt. 1908 (See Contents under names of counties)


Value of Imports


1919 (July-Dec.): Port of Los Angeles (inbound foreign commerce) In Los Angeles. Bd. harbor commissioners. Annual repts. 1918-20, p.86.


Value of Shipments

1863-1861 (annual): state (hides;leather) In Calif. state agr. soc. Trans. 1863, p.265 (Mercantile Gazette)


1923: shipments - coastwise; internal - to Port of San Francisco; from Port of San Francisco (1 table includes leather) In Calif. Bd. state harbor commissioners. Bien. rept. 1922/24, p.61,63,64,66.
HIDES AND LEATHER - Continued

Shipments - Continued

1888: Carried upon various Calif. railroads, total (includes leather; also gives per cent of whole amount shipped) In Calif. Bd. R.R. commissioners. Rept. 1889, p.46.


1889: Shipped over various Calif. railroads, total; (per cent of total) In Calif. Bd. R.R. commissioners. Annual rept. 1890, p.41, table 12.


HIDES AND LEATHER - Continued

Shipments - Continued


HIDES AND FELTS

Shipments


Value


Value of Shipments

HIDES AND PELTS - Continued

Value of Shipments - Continued


HIDES AND SKINS

Consumed - Used in Tanneries

1889/90: San Francisco city and county (hides of all kinds used in tanneries.) In Calif. State bd. equalization. Rept. 1889 and 1890, p. 91.


1893/94: San Francisco city and county (sheep, goat, calf skins used in tanneries, skins and wool pulling factories) In Calif. State bd. equalization. Rept. 1893 and 1894, p. 115.

Value of Imports


FURS

Imports


1922, 1921 (years ended June 30): imports to Port of San Francisco from various foreign countries (furs and skins) In Calif. Bd. state harbor commissioners. Bien. rept. 1920/22, tables 2 and 4, following p. 78.

Value of Imports


FELTS

Imports (Quantity and Value)

PELTS - Continued

Price
1909: Fresno county (high, low price per skin paid to farmers for sheep pelts) In Calif. state agr. soc. Rept. 1909, p.64.

Production and Value

Shipments
1900: shipped from Port of Hureka. In Calif. Bd. harbor commissioners for the Port of Hureka. Official rept. 1900. (Value given also)

SKINS

Consumed - Used by Boot and Shoe Manufacturers
1869: San Francisco City and county (calf, kid, goat, kip and other skins) In Calif. Surveyor gen. Statistical rept. 1869, p.42; Rept. 1869/71, p.48. (County assessor)
1870: San Francisco City and county. In Calif. Surveyor gen. Rept. 1869/71, p.106. (County assessor)

Imports (Quantity and Value)
1920 (Jan.-June): Port of Los Angeles from Mexico (goat skins; seal skins - not fur; all other) In Los Angeles. Bd. harbor commissioners. Annual repts. 1918-20, p.98.

Number Tanned
1866: San Francisco county (calf skins; kips skins) In Calif. Surveyor gen. Rept. 1865/67, p. 113. (County assessor)

Shipments (Quantity and Value)
1863-1861 (annual): state (value of exports) In Calif. state agr. soc. Trans. 1863, p.265 (Mercantile Gazette)

MEAT AND DAIRY PRODUCTS

Value
MEAT AND MEAT PRODUCTS

Consumption Per Family
1917(?): minimum; maximum pounds of meat per year for an average family of 5 persons. In Calif. Agr. exp. sta. Circ. 163, p. 13. (Figures by Prof. Jaffa.)

Expenditure Per Family
1917(?): total minimum; maximum expended per year for meat for an average family of 5 persons. In Calif. Agr. exp. sta. Circ. 163, p. 7, 13; Circ. 187, p. 2. (Figures by Prof. Jaffa)

Freight Discharged and Loaded
1910, 1909 (years ended June 30): beef and pork over state wharves of San Francisco (includes fish; shipped by other than R.R. ferryboats – discharged, loaded; total; discharged and loaded by R.R. ferryboats and cars; grand total) In Calif. Bd. state harbor commissioners. Bien. rept. 1908/10, p. 96, 98.

Freight Rates

Imports
Approximate annual imports: state (meat and packing house products)
1893(?): state (meat and packing house products) In Calif. State fruit growers' convention. Rept. 18th, p. 128 (Statement by Gov. Hurinham)
1900/01: receipts of shipments into Calif. by Southern Pacific from points beyond Portland, Mojave, Ogden, Poming, and El Paso by Santa Fe System (packing house products) In Calif. state agr. soc. Trans. 1901, p. 163.
1922, 1921 (years ended June 30): imports to Port of San Francisco from various foreign countries (meat and products) In Calif. Bd. state harbor commissioners. Bien. rept. 1920/22, tables 2 and 4, following p. 78.
1923: imports, Port of San Francisco (meat and meat products)
Production

1895: San Francisco county (packed annually) In Calif. Bur. labor statistics. 2d Bien. rept. 1885-86, p. 265 (County assessor's rept.)

1905: counties (meat packed) In Calif. state agr. soc. Rept. 1905. (See Contents under names of counties) (Dressed meat for Butte county, fresh meat for Del Norte, meat products for Lake and San Bernardino)

1906 (Tables headed 1905-06): counties (meat packed) In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties) (Fresh meat for San Bernardino and Yolo counties)

1907 (Tables headed 1905-07): counties (meat packed) In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties) (Fresh meat for Yolo county)

1908 (Tables headed 1907-08): counties (meat packed) In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties) (Meat products for Yolo county)

1909 (Tables headed 1908-09): counties (meat packed) In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)

1910 (Tables headed 1909-10): counties (meat packed) In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)

1922: state (no. of lbs. of misc. meat; total no. of lbs. of meat processed) In Calif. Dept. agr. Monthly bul. v.12, July-Dec., 1923, p.417.

1924: state (no. of lbs. of misc. meat; total no. of lbs. of meat processed) In Calif. Dept. agr. Monthly bul. v. 13, July-Dec., 1924, p.199.

Shipment


1898: 3 Calif. railroads (dressed meat - freight traffic movement; per cent of total also) In Calif. Bd. R.R. commissioners. 10th annual rept. 1899, appendix, p. 36, 80, 158.

1899: Freight traffic movement of miscellaneous packing house products over the Southern Pacific Co. (Pacific system) and Southern Calif. Ry. Co. In Calif. Bd. R.R. commissioners. Annual rept. 1891, p. 110,156. (Dressed meats over 6 Calif. railroads, p. 110,156,166,190,210,257)


Shipments - Continued


1900-1899 (years ended June 30): state (total exports of packing house products) In Calif. state agr. soc. Trans. 1900, p. 114.


Shipment.- Continued

IDLE AT AND MEAT PRODUCTS - Continued

Value

1885: San Francisco county (aggregate value of meat and meat products made in provision packing factories) In Calif. Bur. labor statistics. 2d Bien. rept. 1885-86, p.265. (County assessor)

1889/90: San Francisco city and county (packed in provision packing factories) In Calif. State bd. equalization. Rept. 1889 and 1890, p.91.


1897/98: San Francisco city and county (products of provision packing factories) In Calif. State bd. equalization. Rept. 1897 and 1898, p.94.

1905: counties (value of meat packed) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)(Dressed meat for Butte county, fresh meat for Del Norte and meat products for Lake and San Bernardino)

1906(table headed 1905-06): counties (value of meat packed) In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)(Fresh meat for Yolo county)

1907(table headed 1906-07): counties (value of meat packed) In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)(Fresh meat for Yolo county)

1907(table headed 1906-07): San Joaquin county (meat products)

In Calif. state agr. soc. Rept. 1907, p.159.

1908(table headed 1907-08): Santa Clara county (meat slaughtered)

In Calif. state agr. soc. Rept. 1908, p.168.

1908(table headed 1907-08): counties (value of meat packed) In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)

1909(?): state (slaughtering and meat packing products) In Calif. State bd. agr. Repts. 1912-1916 (U.S. Census)

1909(table headed 1908-09): counties (value of meat packed) In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)


1910(table headed 1909-10): counties (value of meat packed) In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)

1914: state (slaughtering and meat packing products - includes value and value added by manufacture) In Calif. State bd. agr. Statistical rept. 1917, p.265 (U.S. Census)
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MEAT AND MEAT PRODUCTS - Continued

Value of Imports

1924 (year ended June 30): Port of Los Angeles (meat and meat products from named foreign countries) In Los Angeles. Bd. harbor commissioners. Annual repts. 1923/24, folded charts, back cover.

Value of Shipments

1924 (year ended June 30): Port of Los Angeles (fresh meat exported to named foreign countries) In Los Angeles Bd. harbor commissioners. Annual rept. 1923/24, folded chart, back cover.

MEAT - CURED

Shipments

1917 (year ended June 30): Port of Los Angeles (outbound domestic commerce) In Los Angeles. Bd. harbor commissioners. Annual repts. 1916-18, p. 46, 108 (Est. value given also)
1924 (year ended June 30): Port of Los Angeles (exported to named foreign countries) In Los Angeles. Bd. harbor commissioners. Annual rept. 1923/24, folded chart, back cover.
MEAT - CUBED

Freight Rates
Annual rept. 1891/92, p. 105,134 (Letters dated May 30 and July 14)

Imports (Quantity and Estimated Value)
1917 (year ended June 30): Port of Los Angeles (inbound domestic commerce) In Los Angeles. Bd. harbor commissioners.
Annual rept. 1916-18, p. 43.

Price, Production, and Value
1922: dried meat reported to the Home demonstration department by farmers. In Calif. Countryman, v. 12, no. 6, Mar., 1926, p.7

Shipments

Value of Shipments
1924 (year ended June 30): Port of Los Angeles (dried cured meat exported to named foreign countries) In Los Angeles. Bd. harbor commissioners. Annual rept. 1923/24, folded chart, back cover.

MEAT CASINGS

Imports (Quantity and Value)

Shipments (Quantity and Value)

MEAT SCRAPS

Imports (Quantity and Estimated Value)
BACON

Import (Quantity and Value)

Price
1863 (monthly, average for the year): wholesale prices at San Francisco of Eastern bacon per lb. In Calif. state agr. soc. Trans. 1864-1865, p. 269 (Mercantile Gazette)
1865, 1864 (monthly, average for the year): wholesale prices at San Francisco of Eastern bacon per lb. In Calif. state agr. soc. Trans. 1864 and 1865, p. 380, 381 (Mercantile Gazette)

Shipment
1899/1900, 1898/99: state (porking house product) In Calif. state agr. soc. Trans. 1900, p. 114 (Leroy Anderson)
1920 (Jan.-June): Port of Los Angeles to Germany and Mexico. In Los Angeles, Bd. harbor commissioners. Annual repts. 1918-20, p. 115, 131 (Value given also)

BEET

Price
1863 (monthly, average for the year): wholesale prices at San Francisco of mess beef, per barrel. In Calif. state agr. soc. Trans. 1863, p. 259 (Mercantile Gazette)
Price - Continued

1865, 1864 (monthly, average for year): wholesale prices at San Francisco of mass beef, per barrel. In Calif. state agr. soc. Trans. 1864 and 1865, p. 380, 381 (Mercantile Gazette)


1883(?): San Francisco compared with Bordeaux; La Rochelle; N.Y.; Chicago (retail prices) In Calif. Bur. labor statistics. 1st Bien. rept. 1883-84, p. 262.

1889(?): San Francisco; Chicago; New York; Chicago prices compared with several countries; with principal cities of Europe (retail prices of beef-roasting; soup; rump; corned) In Calif. Bur. labor statistics. 1st Bien. rept. 1883-84, p. 266-267.

1889(?): San Francisco; Chicago; New York compared with Brussels (prices of the necessaries) In Calif. Bur. labor statistics. 1st Bien. rept. 1883-84, p. 278.


1896 (monthly, Nov. 1885-Oct. 1886, inc.): San Francisco county and city (ruling retail price beef-roast; sec. quality; porterhouse; rib roast; round steak; sirloin; corned beef; smoked beef) In Calif. Bur. labor statistics. 2d Bien. rept. 1885-86, table following p. 152.

1909: Fresno county (high, low price paid to farmers for dressed beef cattle) In Calif. state agr. soc. Rept. 1909, p. 64.


Production

1889/90: San Francisco city and county (made in provision packing factories) In Calif. State bd. equalization. Rept. 1889 and 1890, p. 91.


Production - Continued

Shipments
1900, 1899 (years ended June 30): state (exports of fresh beef) In Calif. state agr. soc. Trans. 1900, p. 114 (Leroy Anderson)
1900, 1899: Humboldt county (mass beef) In Calif. state agr. soc. Trans. 1901, p. 220 (Humboldt Standard)
1917-13, 1906-05, 1901 (annual): shipped from the Port of Eureka.
(Number and pounds of dressed beef) In Calif. Board harbor commissioners for the Port of Eureka. Official repts. 1917-13, 1906-05, 1901 (Each rept. gives data for 1 year only)

Value
1917-13, 1906-05, 1901 (annual): shipped from the Port of Eureka.
(Each rept. gives data for 1 year only)
1920: Fresno county (estimate) In Calif. State bd. agr. Statistical rept. 1920, p. 250 (Fresno County Chamber of Commerce)
1921: Fresno county (estimate) In Calif. State bd. agr. Statistical rept. 1921, p. 303 (Fresno County Chamber of Commerce)

BEEF - CURED

Shipments
1900, 1899 (years ended June 30): state (exports) In Calif. state agr. soc. Trans. 1900, p. 114 (Leroy Anderson)
1920 (Jan.-June): Port of Los Angeles to Costa Rica (port products) Germany, Honduras (value only); Mexico, Nicaragua, Philippines and Straits Settlements. In Los Angeles. Bd. harbor commissioners. Annual repts. 1918-20, p. 110, 115, 120, 131, 135, 140, 145 (Value given also)

BEEF - CURED

Freight Rates
1892: comparative statement of rates on salted or cured beef or pork from Sacramento to points on the Southern Pacific Co.'s lines in Calif., and points in Minn. on the Northern Pacific R.R. Co.'s lines, distances from St. Paul. In Calif. Bd. R.R. commissioners. Annual rept. 1891/92, p. 83-90 (Letter of submittal dated June 6, 1892)
Shipments (Quantity and Value)

1912, 1899 (years ended June 30): state (exports of salted or pickled beef) In Calif. state agr. soc. Trans. 1900, p. 114 (Value not given)


CRACKLINGS

Shipments (Quantity and Value)


HAMS AND BACON

Production

1885: San Francisco county (packed annually) In Calif. Bur. labor statistics. 2d Bien. rept. 1885-86, p. 265 (County assessor)

1889/90: San Francisco city and county (made in provision packing factories) In Calif. State bd. equalization. Rept. 1889 and 1890, p. 91.


HAMS AND SHOULDERS

Imports (Quantity and Value)

1865-1863 (annual): state (?) (hams only) In Calif. state agr. soc. Trans. 1864-65, p. 368.

Price

1863 (monthly, average for year): wholesale prices at San Francisco of Billings ham, per lb. In Calif. state agr. soc. Trans. 1863, p. 269 (Mercantile Gazette)

1865, 1864 (monthly, average for year): wholesale prices at San Francisco of Billings ham, per lb. In Calif. state agr. soc. Trans. 1864 and 1865, p. 380, 381 (Mercantile Gazette)

HAMS AND SHOULDERs - Continued

Price - Continued


Shipments


1900, 1899(years ended June 30): state (exports of hams) In Calif. state agr. soc. Trans. 1900, p. 114.

1920(Jan.-June): Port of Los Angeles to Germany, Guatemala, Mexico, Nicaragua and Salvador. In Los Angeles, Ed. harbor commissioners. Annual repts. 1918-20, p. 115, 117, 131, 135, 143 (Value also given)

LAMB

Price


MUTTON

Price

1883(?): San Francisco; Mass.; Great Britain (average retail prices of mutton (forequarter; hog; chops) compared) In Calif. Bur. labor statistics. 1st Bien. rept. 1883-84, p. 135.

1883(?): San Francisco compared with Germany; N. Y.; Chicago (retail price) In Calif. Bur. labor statistics. 1st Bien. rept. 1883-84, p. 259.

1883(?): San Francisco compared with Bordeaux; LaRochelle; N.Y.; Chicago (retail prices) In Calif. Bur. labor statistics. 1st Bien. rept. 1883-84, p. 262.
Price - Continued

1883(?): San Francisco; Chicago prices compared with principal cities of Europe (retail prices of forequarter; hindquarter; chops)
1883(?): San Francisco; N.Y.; Chicago prices compared with Brussels.

Production

1923: state (no. of lbs. of sheep processed) In Calif. Dept. agr.
1924: state (no. of lbs. of sheep processed) In Calif. Dept. agr.

Shipments (Quantity and Value)


Pork

Imports (Quantity and Value)

1865-1863 (annual): total no. of lbs. and total cost of bacon, hams, pork, and lard imported for 3 years; average annual cost of all) In Calif. state agr. soc. Trans. 1864-65, p. 368-369, 378.

Price

1863 (monthly, average for year): wholesale prices at San Francisco of mess pork, clear pork per barrel. In Calif. state agr. soc. Trans. 1863, p. 269 (Mercantile Gazette)
1865, 1864 (monthly, average for year): wholesale prices at San Francisco of mess pork, clear pork per barrel. In Calif. state agr. soc. Trans. 1864 and 1865, p. 380, 381 (Mercantile Gazette)
1863(?): San Francisco; Mass.; Great Britain (aver. retail prices of pork-fresh; salted; bacon; hams, smoked; shoulders, corned; sausage-compared) In Calif. Bur. labor statistics. 1st. Bien. rept. 1863-64, p. 135.
1863(?): San Francisco compared with Germany; N.Y.; Chicago (retail price of pork-fresh; salted; bacon; ham; shoulder; sausage) In Calif. Bur. labor statistics; 1st Bien. rept. 1863-64, p. 259.
Price - Continued


1883(?): San Francisco, N.Y., Chicago prices compared with several countries; with principal cities of Europe. (retail prices of pork-fresh; salted; bacon; ham; shoulder; sausage) In Calif. Bur. labor statistics. 1st. Bien. rept. 1883-84, p. 266-267.


Production


(County assessor's rept.)

1899/1900: San Francisco city and county (made in provision packing factories) In Calif. State bd. equalization. Rept. 1899 and 1900, p. 91.


Shipments


1899/1900, 1898/99: state (salted or pickled pork in packing houses) In Calif. state agr. soc. Trans. 1900, p. 114 (Leroy Anderson)

1900, 1899: Humboldt county (dressed hogs, mess pork also for 1900) In Calif. state agr. soc. Trans. 1901, p. 220 (Humboldt Standard)

Shipments - Continued

Value

Value of Shipments
1920 (Jan.-June): Port of Los Angeles to Nicaragua (port products) In Los Angeles. Bd. harbor commissioners. Annual repts. 1918-20, p. 135. (Fresh pork shipped to Mexico, p. 131)

PORK - CALIFORNIA

Shipments (Quantity and Value)

SAUSAGE

Price
SAUSAGE - Continued

Price - Continued

Production

Shipments (Quantity and Value)
1920 (Jan.-June): Port of Los Angeles to Germany and Mexico. In Los Angeles. Bd. harbor commissioners. Annual repts. 1916-20, p. 115, 131. (Canned sausage to Honduras (value only) and Philippine Islands, p. 120, 140)

SAUSAGE CASINGS

Shipments (Quantity and Estimated Value)
1924 (year ended June 30): Port of Los Angeles (exported to named foreign countries) In Los Angeles. Bd. harbor commissioners. Annual rept. 1923/24, folded chart, back cover (value only)

TONGUE

Price

VEAL

Price
VIII. Continued

**Price - Continued**


1909: Fresno county (high, low price per lb. paid to farmers for dressed veal) In Calif. state agr. soc. Rept. 1909, p. 64.

**Production**


**Shipments**


1900,1899: Humboldt county (veal carcasses) In Calif. state agr. soc. Trans. 1901, p. 220 (Humboldt Standard)


**Value**


**Value of Shipments**

1917-1904, 1902-1900 (annual): shipped from Port of Eureka (dressed veal) in Calif. Bd. harbor commissioners for the Port of Eureka. Official repts. 1917-1904, 1902-1900 (Each rept. gives data for 1 year only)

**Price**


**Imports (Quantity and Value)**

1914 (year ended June 30): Port of Los Angeles (inbound domestic commerce) in Los Angeles. Bd. harbor commissioners. Annual rept. 1914/15 ... abridged rept. 1913/14, p. 129 (Value not given)

**Price**

1863 (monthly, average for the year); wholesale prices at San Francisco. In Calif. state agr. soc. Trans. 1863, p. 269 (Mercantile Gazette)
1865, 1864 (monthly, average for year); wholesale prices at San Francisco. In Calif. state agr. soc. Trans. 1864 and 1865, p. 380-381 (Mercantile Gazette)
Price - Continued


Production

1885: San Francisco county (made in provision packing factories) In Calif. Bur. labor statistics. 2d Bien. rept. 1885-86, p. 265. (County assessor's report)
1886/87: San Francisco city and county (made in provision packing factories) In Calif. State bd. equalization. Rept. 1889 and 1890, p. 91.
1905: Counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906{tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1907{tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
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1910{tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)

Shipments

1914(year ended June 30): Port of Los Angeles (outbound domestic commerce) In Los Angeles Bd. harbor commissioners. Annual rept. 1914/15 ... abridged rept. 1913/14, p. 129.
Shipment - Continued


1920-1919 (year ended June 30): Port of Los Angeles (outbound domestic commerce) In Los Angeles. Bd. harbor commissioners. Annual repts. 1918-20, p. 50, 84. (Outbound foreign commerce for 1919, p. 53; shipments to Germany and Mexico for Jan.-June, 1920, p. 115, 131.)

1923: shipments - coastwise to Port of San Francisco; internal from Port of San Francisco. In Calif. Bd. state harbor commissioners. Bion. rept. 1922/24, p. 61, 64.

Value

1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)

1906 (tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)

1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)

1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)

1909 (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)

1910 (tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)

Value of Shipments


1920-1919 (year ended June 30): Port of Los Angeles (outbound domestic commerce) In Los Angeles. Bd. harbor commissioners. Annual repts. 1918-20, p. 50, 84. (Outbound foreign commerce for 1919, p. 53; shipments to Germany and Mexico for Jan.-June, 1920, p. 115, 131)
LARD - Continued

Value of Shipments - Continued
1923: Shipments: coastwise to Port of San Francisco; internal from Port of San Francisco. In Calif. Bd. state harbor commissioners. Bien. rept. 1922/24, p. 61, 64.

1924 (year ended June 30): Port of Los Angeles (exported to named foreign countries) In Los Angeles. Bd. harbor commissioners. Annual rept. 1923/24, folded chart, back cover.

LARD OIL

Imports

LARD SUBSTITUTES

Imports (Quantity and Estimated Value)

Price

Shipments (Quantity and Estimated Value)

1920/21 (Oct. to June 30), 1921/22 (July 1 to June 30): To San Francisco from cities of origin (lard and lard substitutes) In Calif. Bd. state harbor commissioners. Bien. rept. 1920/22, table 5, following p. 78 (Value not given)

LARD AND TALLOW

Value

COEOLMARGARINE

Price
Sales

Shipments (Quantity and Value)

Imports (Quantity and Estimated Value)

Production
1889: San Francisco county (made in provision packing factories) In Calif. Bur. labor statistics. 2d Bien. rept. 1885-86, p. 265. (County assessor's rept.)
1890/91: San Francisco city and county (made in provision packing factories) In Calif. State bd. equalization. Rept. 1889 and 1890, p. 91.
Production - Continued

1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
1906 (tables headed 1906-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)
1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)
1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
1909 (tables headed 1909-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)
1910 (tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)

Shipments
1900, 1899: Humboldt county. In Calif. state agr. soc. Trans. 1901, p. 220 (Humboldt Standard)
1905: counties (shipped out of county) In Calif. state agr. soc. Rept. 1905, p. 181, 256, 260, 266.
1920 (year ended June 30): Port of Los Angeles (outbound domestic commerce) In Los Angeles. Bd. harbor commissioners. Annual repts. 1918-20, p. 65 (Shipments to Mexico, Jan.-June, 1920, p. 131.)
Shipments - Continued

Value
1905: counties. In Calif. state agr. soc. Rpt. 1905 (See Contents under names of counties)
1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rpt. 1907 (See Contents under names of counties)
1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rpt. 1908 (See Contents under names of counties)

Value of Shipments
1863-1861 (annual): state (value of tallow exported) In Calif. state agr. soc. Trans. 1863, p. 265 (Mercantile Gazette)
1873-1862 (annual): state (exports) In Calif. state agr. soc. Trans. 1873, p. 491-493 (Rept. of E. Grisar & Co.)
1920 (year ended June 30): Port of Los Angeles (outbound domestic commerce) In Los Angeles. Bd. harbor commissioners. Annual repts. 1918-20, p. 86. (Shipments to Mexico, Jan.-June, 1920, p. 131.)

1924 (year ended June 30): Port of Los Angeles (exported to named foreign countries) In Los Angeles. Bd. harbor commissioners. Annual rept. 1923/24, folded chart, back cover.
MISCELLANEOUS ANIMAL PRODUCTS

BONE MEAL

Imports (Quantity and Value)

Shipments (Quantity and Estimated Value)

BONES

Imports (Quantity and Estimated Value)
1924 (year ended June 30): Port of Los Angeles (bones and bone manufactures from named foreign countries) In Los Angeles. Bd. harbor commissioners. Annual rept. 1923/24, folded chart, back cover.

Shipments (Quantity and Value)
1924 (year ended June 30): Port of Los Angeles (value only, of bones exported to named foreign countries) In Los Angeles. Bd. harbor commissioners. Annual rept. 1923/24, folded chart back cover.
BOVINS, HOVES AND HORIS

Shipments

Value of Shipments

BRISTLES

Imports (Quantity and Estimated Value)

CALVES' HEADS

Shipments
1900, 1899: Humboldt county. In Calif. state agr. soc. Trans. 1901, p. 220 (Humboldt Standard)

GLUE STOCK

Shipments (Quantity and Value)
1900, 1899: Humboldt county (value not given) In Calif. state agr. soc. Trans. 1901, p. 220 (Humboldt Standard)

HAIR - ANIMAL

Imports (Quantity and Value)

HOVES-- CATTLE

Shipments (Quantity and Estimated Value)
Shipments (Quantity and Value)
1863-1861 (annual): state (value of exports) In Calif. state agr. soc. Trans. 1863, p.205 (Mercantile Gazette)
(Each rept. gives data for one year only)

Value Per Animal
11 districts (dairymen's estimate of the average annual value per animal for manure produced) In Calif. Agr. exp. sta. Bul. 372, p.159.

SAILS - CATTLE
Shipments (Quantity and Value)
1924 (year ended June 30): Port of Los Angeles to named foreign countries (includes fish oils) In Los Angeles. Bd. harbor commissioners. Annual repts. 1923/24, folded chart, back cover.
(Value only given)

Imports (Quantity and Value)

Shipments (Quantity and Value)

SAILS AND TRIMMINGS
Shipments (Quantity and Value)
WOOL

Consumed - Used in Woolen Mills

1866: state and county. In Calif. state agr. soc. Trans. 1866 and 1867, p. 568-569. (County assessors)


1877: state and county. In Calif. state agr. soc. Trans. 1878, p. 355-359. (County assessors)


WOOL - Continued

Consumed - Used in Woolen Mills - Continued

1879: San Francisco city and county. In Calif. Surveyor gen. Rept. 1879/80, p. 34 (County assessor)
1880 (table headed 1879): counties. In Calif. Surveyor gen. Rept. 1879/80, p. 74-75 (County assessors)
1881 (table headed 1880): counties. In Calif. Surveyor gen. Rept. 1880/82, p. 70 (County assessors)
1881: San Francisco city and county. In Calif. Surveyor gen. Rept. 1880/82, p. 96 (County assessor)
1885: San Francisco county (wool used in woolen mills) In Calif. Bur. labor statistics 2d Bien. rept. 1885-66, p. 266 (County assessor)
1889/90: San Francisco city and county (clean wool used in woolen mills) In Calif. State bd. equalization. Rept. 1889 and 1890, p. 92.
1891/92: San Francisco city and county (clean wool used in woolen mills) In Calif. State bd. equalization. Rept. 1891 and 1892, p. 100.

Freight Rates

1881, 1879: between given points (rate of 1879; R.R. commission rate effective June 1, 1881, per cent decrease) In Calif. Bd. R.R. commissioners. Rept. 1880-1882, tables following p. 510.

Imports

Approximate annual imports: state. In Calif. state agr. soc. Trans. 1893, p. 109 (state bd. trade)
1892-1898 (annual); 1892 (monthly): by sea. In Calif. state agr. soc. Trans. 1892, p. 132 (San Francisco produce exchange)
1894 (monthly, total): from Oregon and Washington by sea. In Calif. state agr. soc. Trans. 1894, p. 191 (San Francisco produce exchange)
Wool - Continued

Imports - Continued

1895 (monthly, total): by sea. In Calif. state agr. soc. Trans. 1895, p. 156 (San Francisco produce exchange).


Number of Fleeces Shorn


Per Cent of Shrinkage


Wool - Continued

Per Cent of Shrinkage


Price

1863 (monthly; average for year): San Francisco (wholesale prices per lb. of native Calif. wool; American wool) In Calif. state agr. soc. Trans. 1863, p. 269 (Comp. from Mercantile Gazette)
1865, 1864 (monthly; average for year): San Francisco, (wholesale prices of native Calif., American wool per lb.) In Calif. state agr. soc. Trans. 1864 and 1865, p. 380, 381 (Mercantile Gazette)
1869-1876 (monthly): Comparative prices in gold of "Al" Calif. wool in San Francisco and New York (spring; fall and lambs) In Calif. state agr. soc. Trans. 1876, p. 86-89 (E. Grisar & Co.)
1873-1866 (monthly): Prices in gold of "Al" Calif. wool at San Francisco, New York (spring; fall and lambs) In Calif. state agr. soc. Trans. 1873, p. 487-490 (Rept. of E. Grisar & Co.)
1875-1868 (monthly): Comparative prices in gold of "Al" Calif. wool in San Francisco and N.Y. (spring; fall and lambs) In Calif. state agr. soc. Trans. 1875, p. 115-116 (E. Grisar & Co.)
1880: State and county (average value reported by assessors) In Calif. State bd. equalization. Rept. 1880, p. 102-103.
1883: Counties (average value reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p. 90-91.
1883: Counties (average value reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p. 69.
1884: Counties (average value reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p. 97.
Price - Continued


1909: Fresno county (high, low price to farmers for lambs’ wool) In Calif. state agr. soc. Rept. 1909, p. 64.


1918-1938 (annual): state (spring price, fall price at Boston on scoured basis per pound). In Calif. State bd. agr. Statistical rept. 1913, p. 67.


1914-1904 (annual): state (spring price, fall price at Boston on scoured basis per pound) In Calif. State bd. agr. Statistical rept. 1914, p. 61.


1920-1905 (annual): (Calif. wool in Boston on scoured basis - 12 months fine; spring fine; fall fine) In Calif. State bd. agr. Statistical rept. 1920, p. 90. (Same statistics for shorter periods within 1905-1920 in Repts. 1919, p. 49; 1918, p. 60; 1917, p. 44; 1916, p. 38; 1915, p. 71).


1926 (monthly, year ended June): chart showing monthly market quotations on scoured wool. In Calif. agr. ext. serv. Cir. 12, 1927, fig. 3, p. 11.
Production


1857: counties (state total p. 23). In Calif. Surveyor gen. Rept. 1857, table 1, following p. 22 (Assessors' repts.)

1858: counties. In Calif. Surveyor gen. Rept. 1858, following p. 22. (County assessors)


1859: counties. In Calif. Surveyor gen. Rept. 1859, table 1, following p. 30 (Production for Butte and Mendocino counties also p. 59, 66; Assessors' repts.)


1861: counties. In Calif. Surveyor gen. Rept. 1861, table 1, following p. 16 (Assessors' repts.)


1863-1864 (annual): state (estimated production). In Calif. state agr. soc. Trans. 1863, p. 136; Trans. 1864 and 1865, p. 281 (J. D. Perkins)

1864-1855 (annual): state. In Calif. state agr. soc. Trans. 1863, p. 265 (Mercantile Gazette)

1864: counties. In Calif. Surveyor gen. Rept. 1864, p. 40-41. (Monterey figure is for 1863; Assessors' repts.)


1866: state and county (state total, p. 43). In Calif. Surveyor gen. Rept. 1865/67, p. 78-79; in Calif. state agr. soc. Trans. 1866 and 1867, p. 556-557 (County assessors)


### Production - Continued


1870: Sonoma county (estimated annual production) In Calif. state agr. soc. Trans. 1874, p. 416 (R. A. Thompson)


1870 (table headed 1870-71): state and county. In Calif. state agr. soc. Trans. 1871, p. 390-391 (County assessors)

1871 (table headed 1872): state (no. of lbs. clipped) In Calif. state agr. soc. Trans. 1872, p. 385 (County assessors)


1877: state and county. In Calif. state agr. soc. Trans. 1876, p. 350-351 (County assessors)


Production - Continued

1891, 1879-1878 (annual): state (rept. of E. Grisor & Co.) which includes receipts at San Francisco, monthly, also analyzed according to spring and fall production; pulled wool shipped from San Francisco (In Calif. State agr. soc. Trans. 1879, p. 408; 1874, p. 499-500; 1878, p. 112; 1876, p. 86; 1877, p. 114; 1875, p. 161; 1879, p. 222; 1891, p. 166. (Each rept. gives data for 1 year only)
1893: state and county (quantity assessed) In Calif. State bd. equalization. Rept. 1893 and 1894, p. 69.
1895: state and county (quantity assessed) In Calif. State bd. equalization. Rept. 1896 and 1897, p. 69.
1896: state and county (quantity assessed) In Calif. State bd. equalization. Rept. 1897 and 1898, p. 68.
1897: state and county (quantity assessed) In Calif. State bd. equalization. Rept. 1897 and 1898, p. 69.
1898: state and county (quantity assessed) In Calif. State bd. equalization. Rept. 1898 and 1899, p. 88.
1899: state and county (quantity assessed) In Calif. State bd. equalization. Rept. 1899 and 1890, p. 50.
1899/90: San Francisco city and county (scoured in wool scouring and grading mills) In Calif. State bd. equalization. Rept. 1898 and 1899, p. 92.
1890: state and county (quantity assessed) In Calif. State bd. equalization. Rept. 1889 and 1890, p. 69.
1891: state and 7 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1891 and 1892, p. 50.
1891-92: San Francisco city and county (made in tanneries and wool pulling factories; scoured in scouring and grading mills) In Calif. State bd. equalization. Rept. 1891 and 1892, p. 100.
**Production - Continued**

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Production - Continued

1905: counties. In Calif. state agr. soc. Rept. 1905. (See Contents under names of counties) (Wool from herds; wool from hides for Alameda county)

1906 (tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)

1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)

1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)

1909 (tables headed 1908-09): counties. In Calif. state agr. soc. Rept. 1909 (See Contents under names of counties)

1910: state (scoured; washed and unwashed) In Calif. State bd. agr. Rept. 1911, p. 61 (Commercial statistics)

1910 (tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties) (Goat wool for Modoc county)

1913-1854 (annual): state. In Calif. State bd. agr. Statistical rept. 1913, p. 67 (Same statistics for shorter periods within 1854-1913 in Repts. 1912, p. 65; 1911, p. 81; commercial statistics)

1913-1910 (annual): state (washed and unwashed; scoured) In Calif. State bd. agr. Statistical rept. 1913, p. 67 (1910-1912 also in Rept. 1912, p. 65; commercial statistics)


1914-1911 (annual): state (washed and unwashed; scoured) In Calif. State bd. agr. Statistical rept. 1914, p. 60 (Commercial statistics)

1915-1912 (annual): state (scoured; washed and unwashed) In Calif. State bd. agr. Statistical rept. 1915, p. 70 (Commercial statistics)


1917-1914 (annual): state (raw; scoured) In Calif. State bd. agr. Statistical rept. 1917, p. 44 (Commercial statistics)

1918-1915 (annual): state (raw; scoured) In Calif. State bd. agr. Statistical rept. 1918, p. 60 (Commercial statistics)

1919: state (total production as reported; production on farms reporting sheep; production on farms not reporting sheep) In Calif. State bd. agr. Statistical rept. 1920, p. 94.


Wool - Continued

Production - Continued

1919, 1909: state (includes estimates and increase in pounds and
per cent over 1909) In Calif. State bd. agr. Statistical
rept. 1920, p. 94.
1919-1915 (annual): state (raw wool; scoured wool) In Calif. State
bd. agr. Statistical rept. 1919, p. 48 (Commercial statistics)
1919, 1915: state (estimated for 1919) In Farm management notes
for Calif., p. 18.
1920, 1919: Calif. compared with other states and U.S. (raw wool
products; scoured wool - includes pulled wool) In Calif. State
bd. agr. Statistical rept. 1920, p. 92-93 (U.S.D.A.)
1920, 1919, 1918: Calif. compared with other states and U.S. (grease;
In Calif. State bd. agr. Statistical rept. 1921, p. 129.
1927-1922 (annual): state (chart showing wool production) In Calif.
Agr. ext. serv. Circ. 12, 1927, fig. 2, p. 5 (U.S.D.A.)

Production, Losses in

1917: 132 farm centers (loss in shearing sheep due to labor shortage)
In Calif. Agr. exp. sta. Circ. 193, p. 46 (Details of losses by
counties and center, p. 48-51)

Receipts

1873-1870 (annual): received at San Francisco (spring; fall; Oregon;
total) In Calif. state agr. soc. Trans. 1873, p. 484 (Rept. of
E. Grisar & Co.)
1874-1871 (annual): received at San Francisco (spring; fall; Oregon;
total) In Calif. state agr. soc. Trans. 1874, p. 500 (Rept. of
E. Grisar & Co.)
1881, 1879-1873: monthly receipts at San Francisco; received from
Oregon; foreign wool received. In Calif. state agr. soc. Trans.
1881, p. 166; 1879, p. 223; 1878, p. 151; 1877, p. 112; 1876,
p. 86; 1875, p. 112; 1874, p. 500; 1873, p. 463 (Each rept. gives
data for 1 year only - Rept. of E. Grisar & Co.)
1861, 1880 (monthly and annual): monthly receipts of Calif. wool (bay,
coast) In Calif. state agr. soc. Trans. 1881, p. 166. (Rept. of
E. Grisar & Co.)
1881, p. 166 (Commercial Herald, Jan. 26, 1882)
1893: Ventura county (received at warehouses of Hueneme Wharf Co.)
In Calif. state agr. soc. Trans. 1893, p. 323-324.
1894-1885 (annual): receipts at San Francisco. In Calif. state agr.
soc. Trans. 1894, p. 190 (Same statistics for shorter periods
within 1885-1894 in Trans. 1893, p. 141; 1892, p. 125; 1891,
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Receipts - Continued
1875-1886 (annual); receipts at San Francisco. In Calif. state agr. soc. Trans. 1895, p. 155 (San Francisco produce exchange)
1895-1897 (monthly); receipts at San Francisco. In Calif. state agr. soc. Trans. 1895, p. 155; 1894, p. 190; 1893, p. 141; 1892, p. 125; 1891, p. 186; 1890, p. 228; 1889, p. 290; 1888, p. 236; 1887, p. 242 (Each rept. gives data for 1 year only; San Francisco Produce Exchange)

Shipments
1863-1865 (annual); state (exports of bales of wool) In Calif. state agr. soc. Trans. 1863, p. 187; Trans. 1864 and 1865, p. 281 (J. E. Perkins)
1855-1860 (annual); state (bales to Boston and N.Y.) In Calif. state agr. soc. Trans. 1864 and 1865, p. 382 (Bales shipped to foreign countries are given for some years on p. 388, 384, 386)
1875: state (exports - domestic, foreign, pulled, and secured (per train, per steamer, per sail, "bought here by local factories," on hand Dec. 31, 1873, total) In Calif. state agr. soc. Trans. 1873, p. 494 (Rept. of E. Grisar & Co.)
1875-1882 (annual); state. In Calif. state agr. soc. Trans. 1878, p. 491-493 (E. Grisar & Co.)
1861, 1879-1874 (annual); state (exports - domestic, foreign, pulled, and secured (per train, per steamer, total)) In Calif. state agr. soc. Trans. 1861, p. 167; 1879, p. 222; 1876, p. 151; 1877, p. 114; 1878, p. 86; 1875, p. 112; 1874, p. 500. (Each rept. gives data for 1 year only; rept. of E. Grisar & Co.)
1866: carried upon various Calif. railroads, total (also per cent of total amount shipped) In Calif. Bd. R.R. commissioners. Rept. 1869, p. 46.
Shipments - Continued

1892: various Calif. railroads; freight traffic movement (sometimes expressed as amount and per cent; as amount only; as per cent only). In Calif. Bd. R.R. commissioners. Rept. 1895-96, appendix, p. 38, 80, 103, 134, 162, 176, 210.

1893: shipped over various Calif. railroads, total (per cent of total also given) In Calif. Bd. R.R. commissioners. Annual rept. 1890, p. 41, table 12.


1895: shipped over various Calif. railroads, total (per cent of total also given) In Calif. Bd. R.R. commissioners. Annual rept. 1891, p. 91, table 3. (Given elsewhere in book in repts. of individual roads)


1899: Santa Clara county (shipped from San Jose' by Southern Pacific R.R. Co.) In Calif. state agr. soc. Trans. 1899, p. 222.


Shipments - Continued


1905: counties (shipped out of county) In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)


1910-1912, p. 5.


1915/16, v. 2, p. 57.

Shipments - Continued


1920 (year ended June 30): Port of Los Angeles (outbound domestic commerce) In Los Angeles Bd. harbor commissioners. Annual repts. 1918-20, p. 86.


Stocks on Hand

1872 (Dec. 31): state (data for foreign wool on hand also given) In Calif. state agr. soc. Trans. 1873, p. 483 (Rept. of E. Grisar & Co.)

1873 (Dec. 31): state In Calif. state agr. soc. Trans. 1873, p. 483; 1874, p. 500 (Rept. of E. Grisar & Co.)

1874 (Dec. 31): state. In Calif. state agr. soc. Trans. 1874, p. 500; 1875, p. 112 (Rept. of E. Grisar & Co.)

1875 (Dec. 31): state. In Calif. state agr. soc. Trans. 1875, p. 112; 1876, p. 86 (Rept. of E. Grisar & Co.)

1876 (Dec. 31): state. In Calif. state agr. soc. Trans. 1876, p. 86; 1877, p. 114 (Rept. of E. Grisar & Co.)

1877 (Dec. 31): state. In Calif. state agr. soc. Trans. 1877, p. 114; 1878, p. 151 (Rept. of E. Grisar & Co.)

1878 (Dec. 31): state. In Calif. state agr. soc. Trans. 1878, p. 151; 1879, p. 222 (Rept. of E. Grisar & Co.)

1879 (Dec. 31): state. In Calif. state agr. soc. Trans. 1879, p. 222 (Rept. of E. Grisar & Co.)

1881, 1880 (Dec. 31): state. In Calif. state agr. soc. Trans. 1881, p. 156, 167 (Rept. of E. Grisar & Co.)

Value

1863-1861 (annual): state (value of wool exported) In Calif. state agr. soc. Trans. 1863, p. 265 (Mercantile Gazette)
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1877: Sonoma county (est. annual value) In Calif. state agr. soc. Trans. 1874, p. 415 (R. A. Thompson)
1883: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1880, p. 102-103.
1883: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p. 90-91.
1885: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p. 69.
1886: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1886 and 1884, p. 97.
1887: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1885 and 1886, p. 69.
1887: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p. 58.
1888: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p. 58.
1889: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1889 and 1890, p. 50.
1889/90: San Francisco city and county (secured in wool scouring and grading mills) In Calif. State bd. equalization. Rept. 1889 and 1890, p. 92.
1890: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1890 and 1890, p. 69.
1891: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p. 50.
1891/92: San Francisco city and county (secured in wool scouring and grading mills) In Calif. State bd. equalization. Rept. 1891 and 1892, p. 100.
1892: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p. 78.
1893: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p. 62.
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1894: State and county (reported by assessors) In Calif. State bd. equalization. Rept. 1893 and 1894, p. 92.

1895: State and county (reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p. 32.


1896: State and county (reported by assessors) In Calif. State bd. equalization. Rept. 1895 and 1896, p. 75.

1897: State and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p. 34.

1897/98: San Francisco city and county (secured in wool securing and grading houses) In Calif. State bd. equalization. Rept. 1897 and 1898, p. 96.

1898: State and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p. 72.

1901: Southern Calif. (estimated value) In Calif. state agr. soc. Trans. 1901, p. 135 (Los Angeles Chamber of Commerce)


1902: State and county (reported by assessors) In Calif. State bd. equalization. Rept. 1899-1902, p. 67.

1904: State and county (reported by assessors) In Calif. State bd. equalization. Rept. 1903-1904, p. 42.

1905: Counties. In Calif. State agr. soc. Rept. 1904 (See Contents under names of counties) (County assessors)

1906: Counties. In Calif. State agr. soc. Rept. 1905 (See Contents under names of counties)


1906: State and county (reported by assessors) In Calif. State bd. equalization. Rept. 1905-1906, p. 64.


1907: Tables headed 1906-07: Counties. In Calif. State agr. soc. Rept. 1907 (See Contents under names of counties)

1908: State and county (reported by assessors) In Calif. State bd. equalization. Rept. 1907-1908, p. 80.

1908: Tables headed 1907-08: Counties. In Calif. State agr. soc. Rept. 1908 (See Contents under names of counties)


1910: State and county (reported by assessors) In Calif. State bd. equalization. Rept. 1909-1910, p. 82.
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1910: state (market value in Boston, Oct. 1 of scoured wool) In Calif. State bd. agr. Rept. 1911, p. 81 (Commercial statistics)
1910:(tables headed 1909-10): counties (goat wool for Modoc county) In Calif. State agr. sec. Rept. 1910 (See Contents under names of counties)
1912: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1911-1912, p. 51.
1914-1915 (annual): state (total value, Oct. 1 of scoured wool) In Calif. State bd. agr. Statistical rept. 1914, p. 60 (Commercial statistics)
1918: state. In Farm management notes for Calif. p. 18.
1919: state (total value as reported; value on farms reporting sheep; value on farms not reporting sheep) In Calif. State bd. agr. Statistical rept. 1920, p. 94.
1919, 1909: state (includes estimates, and increase in pounds and per cent over 1909) In Calif. State bd. agr. Statistical rept. 1920, p. 94.
1919-1915 (annual, as of Oct. 1): state (scoured wool) In Calif. State bd. agr. Statistical rept. 1919, p. 48 (1915-1918 also in Rept. 1919, p. 60; Commercial statistics)

Value of Imports
Value of Imports - Continued

1920,1919 (years ended June 30): Port of Los Angeles (inbound domestic commerce). In Los Angeles, Bd. harbor commissioners. Annual repts. 1918-20, p. 49, 82.

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1873-1882 (annual): state (exported) In Calif. state agr. soc. Trans. 1873, p. 491-493 (Rept. of E. Grisar & Co.)
1881,1879-1873 (annual): state. In Calif. state agr. soc. Trans. 1881, p. 167; 1879, p. 222; 1878, p. 151; 1877, p. 114; 1876, p. 86; 1875, p. 112; 1874, p. 500; 1873, p. 484 (Each rept. gives data for 1 year only, rept. of E. Grisar & Co.)
1918, 1917 (years ended June 30): Port of Los Angeles (outbound domestic commerce) In Los Angeles, Bd. harbor commissioners. Annual repts. 1916-16, p. 49; 112.
1920 (year ended June 30): Port of Los Angeles (outbound domestic commerce) In Los Angeles, Bd. harbor commissioners. Annual repts. 1918-20, p. 86.

Warehouses


Weight (average) of fleeces

WOOL - Continued

Weight (average) of Fleeces - Continued

WOOL AND COTTON

Freight Discharged and Loaded
1910, 1909 (years ended June 30): over state wharves of San Francisco (shipped by other than R. R. ferry boats - discharged; loaded; total; discharged and loaded by R.R. ferry boats and cars; grand total) In Calif. Bd. state harbor commissioners. Bien. rept. 1908/10, p. 96, 97.

WOOL AND MOHAIR

Number of Fleeces Shorn
1909 (tables headed 1910): state and county (mohair and goat hair fleeces) In Calif. State bd. agr. Repts. 1912-1918 (U.S. Census)
1919: counties (mohair and goat hair fleeces; goat fleeces) In Calif. State bd. agr. Statistical repts. 1920-1921 (U.S. Census)

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1893: Santa Clara county (shipped from San Jose' by Southern Pacific R. R. Co.) In Calif. state agr. soc. Trans. 1893, p. 228.
1894: Santa Clara county (overland business east-bound from San Jose') In Calif. state agr. soc. Trans. 1894, p. 251.

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1921: Fresno county (estimate). In Calif. State bd. agr. Statistical rept. 1921, p. 308 (Fresno County Chamber of commerce).

MOHAIR

Production

1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties).

Shipments


Value

Value - Continued

1908 (tables headed 1907-08): counties. In Calif. state agr. soc. Rept. 1908 (See Contents under names of counties)
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1910 (tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)

Value of Shipments


BIBL

Number of Hives

1859: 5 counties. In Calif. Surveyor gen. Rept. 1859, table 1, following p. 30 (Assessors' repts.)
1861: counties. In Calif. Surveyor gen. Rept. 1861, table 1, following p. 16 (Assessors' repts.)
1862 (table headed 1861): state and county. In Calif. Surveyor gen. Rept. 1862, p. 62-63 (Number for some counties also given elsewhere in this report; assessors' repts.)
Number of Hives - Continued

1859 (table headed 1869-70): state and county. In Calif. state agr. soc. Trans. 1870, p. 188-189 (County assessors).


1871: state and county. In Calif. Surveyor gen. Rept. 1869/71, p. 82-83 (Assessors' rept.).


1872: certain counties. In Calif. state agr. soc. Trans. 1873, p. 255, 256, 261, 265; in Calif. Surveyor gen. Bien. rept. 1871/73, p. 85, 86, 91, 95 (County assessors; Tehama county figure is stated to be for 1873).


1875/1874: state and county (reported by assessors). In Calif. State bd. equalization. Rept. 1874-75, p. 38-37, 64-65.


1880: state and county (reported by assessors). In Calif. State bd. equalization. Rept. 1880, p. 96-97.

1881: counties (reported by assessors). In Calif. State bd. equalization. Rept. 1881 and 1882, p. 84-85.

1882: state and county (reported by assessors). In Calif. State bd. equalization. Rept. 1883 and 1884, p. 65.


1886: state and county (reported by assessors). In Calif. State bd. equalization. Rept. 1886 and 1887, p. 66.

1887: state and county (reported by assessors). In Calif. State bd. equalization. Rept. 1887 and 1888, p. 85.
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1894: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1891 and 1892, p. 47.
1895: state and county (reported by assessors) in Calif. State bd. equalization. Rept. 1895 and 1896, p. 29.
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1900 (June 1): State (swarms of bees on farms) in Calif. state agr. soc. Trans. 1901, p. 142 (U. S. Census)
1905: counties. In Calif. state agr. soc. Rept. 1905 (See Contents under names of counties)
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1910 (some tables headed 1909): state and county (no. of colonies) in Calif. State bd. agr. Repts. 1912-1918 (U. S. Census)
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1920: counties (on farms and ranges) In Calif. State bd. agr. Statistical repts. 1920-1921 (U. S. Census)
1920 (Jan. 1); 1910 (Apr. 15): state (on farms) In Calif. State bd. agr. Statistical repts. 1920, p. 110,125.

Value of Hives

1874, 1875: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1874-75, p. 36-37, 64-65.
1877, 1876: state and county (assessed) In Calif. State bd. equalization. Bien. repts. 1876-77, p. 28-29, 48-49.
1892: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1881 and 1882, p. 84-85.
1895: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1885 and 1886, p. 66.
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1899: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1889 and 1890, p. 47.
1890: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1889 and 1890, p. 66.
1891: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1891 and 1892, p. 47.
1892: state and county (reported by assessors) In Calif. State bd. equalization. Rpt. 1891 and 1892, p. 75.
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1937: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p. 33.
1938: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p. 73.
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1920: state and county (on farms and ranges) In Calif. State bd. agr. Statistical rept. 1920, p. 97-107 (State only, p. 110)
1920: counties (on farms and ranges) In Calif. State bd. agr. Statistical repts. 1920-1921 (U. S. Census)

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1880: state and county (reported by assessors) In Calif. State bd. equalization. Rept. 1880, p. 96-97.
1882: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1881 and 1882, p. 84-85.
1883: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p. 65.
1884: counties (reported by assessors) In Calif. State bd. equalization. Rept. 1883 and 1884, p. 61.
1900 (June 1): state (swarms of bees on farms) In Calif. state agr. soc. Trans. 1901, p. 142 (U. S. Census Bulletin)

BEES AND HONEY

Value

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1908 (table, headed 1907-08): Alameda county. In Calif. state agr. soc. Rept. 1908, p. 44.
1915: Orange county (estimated value) In Calif. State bd. agr. Statistical repts. 1915, p. 350 (Chamber of commerce)
1916: Orange county (estimated value) In Calif. State bd. agr. Statistical repts. 1916, p. 375 (Chamber of commerce)

HONEY

Cost of Production and Total Profit

Estimated cost of production in Calif., with an extra hand in the busy season and without the extra helper; estimated production, average price and total profit given. In Calif. Countryman v. 12, no. 2, Nov. 1925, p. 21.

Imports

Approximate annual imports. In Calif. state agr. soc. Trans. 1893, p. 109 (J. P. Chipman — State bd. trade)
1920, 1921 (years ended June 30): Port of Los Angeles (inbound domestic commerce) In Los Angeles Bd. harbor commissioners. Annual repts. 1918-20, p. 4579.
1922, 1921 (years ended June 30): imports to Port of San Francisco from several foreign countries. In Calif. Bd. state harbor commissioners. Bien. repts. 1920/22, tables 2 and 4, following p. 78.

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Production

Production - Continued


1868 (table headed 1868): state and county. In Calif. Surveyor Gen. Annual Rept. 1868, p. 52-53 (Fresno county figure also p. 109; county assessors)


1864: counties. In Calif. Surveyor Gen. Annual Rept. 1864, p. 40-41. (Monterey figure is for 1863; assessors' repts.)


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Production - Continued


1877: state and county. In Calif. state agr. soc. Trans. 1878, p. 360-361. (County assessors)


1880: state and 5 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1880, p. 96-97.


1882: state and 5 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1881 and 1882, p. 84-85.


1883: state and county (quantity assessed) In Calif. State bd. equalization. Rept. 1883 and 1884, p. 66.

1884: state and 5 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1883 and 1884, p. 91.

1885: state (extracted; comb) In Calif. state agr. soc. Trans. 1885, p. 203 (Geo. V. Heade & Co.)


1886: state and 4 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1885 and 1886, p. 70.

1887: state and 5 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1887 and 1888, p. 69.
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1888-1885 (annual): state (extracted; comb) In Calif. State agr. soc. Trans. 1888, p. 264 (State agricultural reports)

1889: state and Butte and Inyo counties (quantity assessed) In Calif. State bd. equalization. Rept. 1889, p. 51.

1889: state and San Diego and San Joaquin counties (quantity assessed) In Calif. State bd. equalization. Rept. 1889, p. 70.


1897: state and 5 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1897 and 1898, p. 33.

1898: state and 5 counties (quantity assessed) In Calif. State bd. equalization. Rept. 1897 and 1898, p. 78.


1900, 1890, 1880, 1870, 1860: state. In Calif. State bd. agr. Rept. 1911, p. 74 (U. S. Census)

1901-1892 (annual); 1901 (estimated): state (extracted; comb) In Calif. State agr. soc. Trans. 1901, p. 159 (San Francisco Chamber of Commerce)

1905: counties. In Calif. State agr. soc. Rept. 1905 (See Contents under names of counties)


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1913-1937 (annual): state. In Calif. State bd. agr. Statistical rept. 1913, p. 64 (Same statistics for shorter periods within 1887-1913 in Repts. 1912, p. 64; 1911, p. 75).


1919: state (estimate) In Farm management notes for Calif. p. 18.


Production Per Colony

1919: Calif.; other leading states (pounds per colony; pounds per square mile; total area in square miles) In Calif. Agr. exp. sta. C irc. 297, p. 2.

Receipts


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1895: points of Northern Calif., total, Los Angeles and other points, state (out of state by R. R. ) In Calif. State fruit growers' convention. Rept. 18th, p. 134.
1905: counties (shipped out of county) In Calif. State agr. soc. Rept. 1905 (See Contents under names of counties)
Shipments - Continued


Value

1890: state and 6 counties (reported by assessors; average value given also) In Calif. State bd. equalization. Rept. 1890, p. 96-97.

1882: state and 5 counties (reported by assessors; average value given also) In Calif. State bd. equalization. Rept. 1881 and 1882, p. 84-85.

1883: state and 8 counties (reported by assessors; average value given also) In Calif. State bd. equalization. Rept. 1883 and 1884, p. 66.

1884: state and 5 counties (reported by assessors; average value given also) In Calif. State bd. equalization. Rept. 1883 and 1884, p. 91.

1886: state and 5 counties (reported by assessors; average value given also) In Calif. State bd. equalization. Rept. 1885 and 1886, p. 70.

1887: state and 6 counties (reported by assessors; average value given also) In Calif. State bd. equalization. Rept. 1887 and 1888, p. 69.

1888: state and Butte, Inyo, and San Francisco counties (reported by assessors) In Calif. State bd. equalization. Rept. 1887 and 1888, p. 89.


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1891: state and Los Angeles and Ventura counties (reported by assessors) In Calif. State bd. equalization. Rept. 1891 and 1892, p. 51.

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1898: state and 6 counties (reported by assessors) In Calif. State bd. equalization. Rept. 1897 and 1898, p. 73.

1901: Southern Calif. (estimated value) In Calif. state agr. soc. Trans. 1901, p. 135 (Los Angeles Chamber of Commerce)

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1910 (tables headed 1909-10): counties. In Calif. state agr. soc. Rept. 1910 (See Contents under names of counties)


1920: Fresno county (estimate) In Calif. State bd. agr. Statistical rept. 1920, p. 250 (Fresno County Chamber of Commerce)

1921: Fresno county (estimate) In Calif. State bd. agr. Statistical rept. 1921, p. 303 (Fresno County Chamber of Commerce)

Value of Imports


Value of Shipments


Value of Shipments - Continued


1924 (year ended June 30): Port of Los Angeles (exported to named foreign countries). In Los Angeles. Bd. harbor commissioners. Annual rept. 1923/24, folded chart, back cover.

Honey and Wax

Production

1918: state (estimated - honey, wax, etc.) In Farm management notes for Calif., p. 18.

Value


1918: state (estimated - honey, wax, etc.) In Farm management notes for Calif., p. 18.


Beehives

Imports (Quantity and Estimated Value)


Production

1860 (year ended June 1): state. In Calif. State bd. agr. Rept. 1911, p. 34 (Federal census)
Production - Continued


(Goo. V. Meade & Co.)

(Goo. V. Meade & Co.)


(Goo. V. Meade & Co.)

1889: state. In Calif. state agr. soc. Trans. 1889, p. 264 (State agricultural reports)

1900-1860 (10 year periods): state and county (state only, p. 74)
In Calif. State bd. agr. Rept. 1911, p. 79-80 (1860 figures are for state and four counties)


1906 (tables headed 1905-06): counties. In Calif. state agr. soc. Rept. 1906 (See Contents under names of counties)

1907 (tables headed 1906-07): counties. In Calif. state agr. soc. Rept. 1907 (See Contents under names of counties)

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1919: state (estimate) In Farm management notes for Calif. p. 18.


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1906 (tables headed 1905-06): 6 counties (shipped out of state) In Calif. state agr. soc. Rept. 1906, p. 93,105,137,160,166,169 (Value not given)

Value
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<tr>
<td>Cheese</td>
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<td>217</td>
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<tr>
<td>Hides and skins</td>
<td>29</td>
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<tr>
<td>Milk</td>
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<td>269</td>
</tr>
<tr>
<td>Wool</td>
<td>£325</td>
<td>269</td>
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</table>

Consumption per capita:
- Butter: £217
- Cheese: £241
- Cottage cheese: £259
- Ice cream: £267

Costs:
- Brooding chicks: £137
- Distribution milk: £269
- Fattening steers: £66
- Horse and mule power: £269
- Keeping cows: £45
- Operating brooders: £186
- Production cattle: £245
- Production cheese: £241
- Production eggs: £197
- Production milk: £269
- Production wool: £324

Additional notes:
- See also: Bulls and cows, Heifers, Calves, etc.
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<td>See Sows and gilts</td>
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stallions; Mares, stallions
and goldings

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Steers

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Tongue

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See Tails and trimmings

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Eggs

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Value per head

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Asses and mules
Boars
Bulls
Calves
Cattle
Bovine
Dairy
Stock
Cattle and calves
Cattle other than milk cows
Calves
Cows
Sows
Geldings
Goats and kids
Heifers
Hogs
Horses
Jacks and jennies
Lambs
Mares, stallions and goldings
Mule colts
Mules and mule colts
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Pigeons
Pigs
Poultry
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ABBREVIATIONS

Agr. 

Agricultural

Agriculture

Approx.

Approximate

Assoc.

Association

Aver.

Average

Bd.

Board

Biol.

Biennial

Bul.

Bulletin

Bur.

Bureau

Circ.

Circular

Co.

Company

County

Comm.

Commission

Commissioners

Comp.

Compiled

Coop.

Cooperative

Dept.

Department

Dist.

District

Div.

Division

Ed.

Edition

Est.

Estimated

Ext.

Experiment

Ext.

Extension

Gen.

General

Hort.

Horticultural

Horticulture

Misc.

Miscellaneous

Mos.

Months

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Number

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Pl.

Plate

Proc.

Proceedings

Pub.

Publication

R.R.

Railroad

Rept.

Report

Rev.

Revised

Soc.

Society

Stat.

Station

Trans.

Transactions

U.S.D.A.

U.S. Department

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V.

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