# UNIVERSITY OF CALIFORNIA COLLEGE OF AGRICULTURE AGRICULTURAL EXPERIMENT STATION BERKELEY, CALIFORNIA

# ANNUAL INDEX NUMBERS OF FARM PRICES, CALIFORNIA, 1910-1933

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portance of these products in the United States as a whole. In order that the more important of these products might be represented in the index, it was necessary to obtain price series for them from other sources. In so doing the attempt was made to obtain prices which could be considered representative of a season's average price for each of the products.

In using monthly prices in the construction of an annual index, the problem arose concerning the best method of obtaining annual averages of these monthly series. A comparison of the annual index numbers of farm prices in California based on unweighted averages of monthly prices with those based on weighted averages, the weights used being estimated average percentage monthly marketings of each product, indicated that although the weighting process affected greatly the annual averages for some of the individual products the composite index was not seriously altered. In view of the relatively small differences between these series, unweighted averages of monthly prices were used in the construction of the index numbers presented herein.

A second problem encountered in the preparation of monthly price data for use in the construction of annual index numbers was the choice of a dividing line between successive years. Most annual index numbers of prices are for the calendar years. A crop-year basis is somewhat more significant for agricultural products, however, because of the importance of the supply factor in the determination of farm prices. A fair approximation to a crop-year period, which is satisfactory for most crops in California, was obtained by considering July 1 as the dividing line between successive crop years. In the construction of the annual farm-price indexes for California, price series for both the approximate crop years and the calendar years were compiled and index numbers based on each of these series were calculated. The presentation of both indexes makes possible comparisons of farm prices in California with other series of data on either a crop-year or calendar-year basis.

In combining the prices of the thirty-five California farm products in an index number, the method known as the "weighted aggregative" was used. The price of each product was multiplied by a quantity weight corresponding to the estimated annual quantity of that product marketed during the five-year period, 1924–1928, inclusive; the thirty-five values so obtained were totaled, giving the aggregate value of the group; and the index number was obtained by expressing this aggregate value as a percentage of the corresponding aggregate value of the same products in the base period. Since the quantity of each product was held constant, any change in the aggregate value (price times quantity) was due entirely to price changes.

Two five-year periods, each of which is qualified for use as a base for

the California farm-price index, are available. Since each of these periods had its virtues and its shortcomings, an index based on each period is presented so that one may use whichever serves best a particular purpose. The first of these periods, the five pre-war years, 1910–1914, is one of the most, if not the most, generally accepted base period for price index numbers at the present time. It provides the most satisfactory basis which has been found for comparing the general movements in farm prices during the past quarter of a century with movements in other price series. The second period, extending from 1924 through 1928, is useful as a starting point in judging recent short-range changes in the farm prices of individual products.

According to the index numbers based on the prices for the years beginning July 1, farm prices in California were lower in the year beginning July 1, 1932, than in any other year during the period covered by the index. Between 1910 and 1915, prices were comparatively stable. In 1915 they began to rise and rose rapidly until 1919 when they reached a peak at levels more than double the average for July, 1910 to June, 1915. From then until 1923, farm prices in California declined at a rate approximately equal to that of the preceding advance. Between 1923 and 1929, they were again comparatively stable. By 1931, however, they had declined to levels below that of the pre-war base period.

The major movements in the California farm-price index since 1910 have corresponded with the changes in the general level of prices in the United States. According to the all-commodity index of wholesale prices constructed by the Bureau of Labor Statistics of the United States Department of Labor, one of the more generally accepted measures of the general level of prices in the United States, prices, as a whole, were comparatively stable between 1910 and 1915 and again between 1922 and 1929. They more than doubled between 1915 and 1919, fell abruptly in 1920, and reached pre-war levels in 1931. Farm prices in California, it is to be noted, followed this same general course.

A comparison of the California farm-price index with the index of farm prices in the United States reveals the fact that during the early stages of the World War, when prices were rising at a rapid rate, and again in each of the two post-war periods of general price declines, farm prices in California lagged behind farm prices in the United States. These lags in price movements were due, to a large extent, to the fact that whereas the United States index is weighted heavily with the staple products such as wheat, cotton, and hogs, which respond quickly to changing economic conditions, the index for California includes many specialty crops of major importance in the state whose prices respond more slowly.

Series of index numbers of farm prices constructed in recent years for a number of other states exhibit the same general course during the past twenty years as that followed by farm prices in California. Each series depicts, to a varying degree, the stability of prices from 1910 to 1915 and from 1922 to 1929, the rapid price rise from 1915 to 1919, and the subsequent declines in the early 1920's and early 1930's. Differences between state farm-price index numbers were due, primarily, to the type of products included in the indexes. The California index, for example, followed the index of farm prices for New York more closely (because their composition is more nearly the same) than it followed the indexes for Alabama, Iowa, or North Dakota. The index for Alabama is weighted heavily with cotton prices; the index for Iowa is dominated by the movements in hogs and beef-cattle prices; and the index for North Dakota reflects, to a large extent, changes in the prices of grains.

By comparing the price relative for a product with the corresponding index number of prices for a number of products, one has a basis for evaluating the changes in the price of that product in terms of an average change in the prices of several products. For example, when the period extending from July, 1924, through June, 1929, is taken as a base, the farm prices of beef cattle, veal calves, milk, eggs, chickens, lemons, raisins, and walnuts in California were relatively higher in 1931–32 and in 1932–33 than the average of all products included in the California index. Similarly, the farm prices of hogs, lambs, milk fat, wheat, barley, rice, cotton, potatoes, oranges, peaches, pears, and apricots were relatively lower than the average during those years.

### DEFINITION OF PRICE INDEX NUMBERS

An index number of prices is a number which serves to express the average percentage change, from one point of time to another, of the prices of a number of items. It is designed to register the group movement of prices as distinct from the movements of the prices of the individual items composing the group.

Percentage changes in the price of a single commodity from one time to another are obtained by dividing the price at one time by the corresponding price at some other time. This ratio between two prices is called the price relative of the commodity in relation to those two particular times. An index number of prices is an average of the price relatives of a number of commodities—an average designed to represent the general trend of the many diverging ratios from which it is calculated.

#### NEED FOR AN INDEX OF CALIFORNIA FARM PRICES

Before a farm-price index for California was prepared, an index constructed for the United States as a whole was the only measure of the changes in the prices received by producers for agricultural products available for use in analyzing price situations in California. This index was prepared by the Bureau of Agricultural Economics of the United States Department of Agriculture. It includes the prices of thirty commodities, representing more than 90 per cent of the value of products sold by the farmers of the United States. The prices used are monthly prices based on reports from all parts of the country, and the weights assigned to the various products represent the average annual quantities marketed by farmers during the period, 1918–1923.

In several respects, a farm-price index for the United States as a whole is inadequate for any single state. The relative importance of the commodities produced in various states is different, and prices behave somewhat differently, largely according to whether a particular state is a deficit or a surplus-producing area and whether it is far from, or near to, the consuming centers for a particular product. Wheat, corn, cotton, hogs, and beef cattle bulk large in the national farm income, and, hence, their prices are given much weight in the index for the United States. In California, these products account for less than 15 per cent of the cash income of the farmers of the state. On the other hand, the fruits. especially oranges and grapes, provide a large proportion of the agricultural cash income of California, but are relatively unimportant in the United States as a whole and are either not included or are given little weight in the national index of farm prices. In consequence of these contrasting conditions in the United States as a whole and in California, it follows that an index based on prices received by producers in California for agricultural products (due account being taken of their relative importance in the state) is much more representative of the trends of prices in California than is an index of farm prices designed for the entire United States.

# THE CONSTRUCTION OF THE INDEX-NUMBER SERIES GENERAL SOURCES OF PRIOE DATA'

One of the main sources of farm-price data in the United States is the monthly series of prices received by producers of farm products, commonly called "farm prices," collected and published by the Division of Crop and Livestock Estimates of the United States Department of Agriculture. These prices represent an estimate of the average price of all grades and classes of each commodity sold in the local farm market on or about the fifteenth of each month. The prices at which the products first changed hands when sold by the producer are reported to the United States Department of Agriculture by a large staff of voluntary correspondents scattered throughout the country. Each month, after the reports are received from these correspondents, the Division of Crop and Livestock Estimates issues a tabulation of farm prices for the United States as a whole and for each state.

Monthly prices for each of twenty-four of the commodities included in the California farm-price index are reported currently for this state. These prices, whenever available, were used in the construction of the index numbers of California farm prices.

Annual prices of rice, sugar beets, grapes, peaches, pears, apricots, cherries, raisins, prunes, walnuts, and almonds, were compiled by the author from other available sources of information. Monthly prices for these commodities are not collected by the United States Department of Agriculture.

## UNWEIGHTED VERSUS WEIGHTED ANNUAL AVERAGES OF MONTHLY PRICES

In using monthly prices in an annual index number, the problem arises concerning the best method of obtaining annual averages of these monthly series. The simplest practical procedure to follow is to give the price for each month equal weight in the calculated price for the year. This method involves merely the summation of the twelve

<sup>&</sup>lt;sup>4</sup> A detailed account of the specific sources of the price data used in the construction of the annual index numbers of farm prices in California is given in Appendix A.

<sup>&</sup>lt;sup>5</sup> A good discussion of the farm-price data collected by the United States Department of Agriculture is given in: Sarle, C. F. Reliability and adequacy of farm-price data, U. S. Dept. Agr. Dept. Bul. 1480:1-65, 1927.

<sup>&</sup>lt;sup>6</sup> Beef cattle, veal calves, hogs, sheep, lambs, milk, milk fat, butter, eggs, chickens, wool, horses, barley, wheat, cats, corn, hay, alfalfa, cotton, potatoes, beans, oranges, lemons, and apples.

monthly prices and the division of the sum by 12. The ideal method for obtaining annual prices from monthly data would involve the weighting of the price for each month with the quantity of the product sold in that month. This method necessitates current data on the monthly marketings of each product. Unfortunately, these data are not available. The weighting of monthly prices with a fixed weight for each month, based

TABLE 1 PERCENTAGES USED AS WEIGHTS IN CALCULATING ANNUAL WEIGHTED AVERAGES OF MONTHLY FARM PRICES\*

Product	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Beef cattle	7	6	7	8	٦	10	11	10	9	8	7	8
Hoga	6	7	8	9	8	7	7	g	12	10	10	7
Sheep	9	5	5	5	8	7	11	10	11	11	9	9
Lambs	5	4	9	16	27	9	8	7	2	4	8	5
Milk fat	8	8	10	11	10	9	8	8	7	7	7	7
Butter	8	8	10	11	10	9	8	8	7	7	. 7	7
Eggs	8	9	12	10	10	9	8	7	6	7	7	7
Chickens	14	14	7	3	8	5	8	4	4	4	14	22
Wool	4	4	5	В	. 7	15	22	15	7	6	5	4
Barley	δ	5	4	3	7	11	14	18	10	10	8	5
Wheat		8	8	8	7	8	ą.	8	11	10	9	8
Oats		7	6	8	4	7	10	11	12	12	10	8
Corn	1	8	7	8	8	8	Б	10	12	9	9	9
Hay		5	5	6	7	12	14	15	11	8	7	5
Alfalfa	ð	l e	В	7	9	13	12	11	9	8	7	5
Cotton	8	ă	4	3	2	1	1	5	17	24	20	12
Potatoes		ă	3	2	3	12	12	14	14	11	9	8
Beans		9	8	4	4	3	3	8	12	19	14	12
Orangea		7	11	12	11	9	8	7	8	- 5	7	9
Lemons		5	8	9	15	16	14	8	6	5	4	5
Apples	2	8	3	2	1	1	18	14	19	23	10	8

<sup>\*</sup> The prices of yeal calves, milk, and horses were not weighted.

Sources of data:

Estimate made by the author from data on market receipts, shipments from the state, and the like, of the average monthly marketings of each product.

on estimated average monthly marketings of each product, is as near as one can generally approach the ideal method for obtaining annual prices.

Annual weighted average prices for each of the twenty-four products included in the California farm-price indexes for which monthly price data are available were calculated, using the monthly weights given in table 1. These monthly weights are very rough approximations of the average percentage monthly marketings of each product, based on available sources of information. Data on market receipts, shipments from the state, and the like were used in making these estimates.

The difference between weighted and unweighted annual averages of monthly prices varies widely among the products. The annual prices of

products for which there is no pronounced seasonal price variation are not greatly affected by the weighting process, even though the quantities of these products marketed monthly may be highly variable. Likewise, weighted average prices do not differ greatly from unweighted averages when the quantities of the product sold each month are approximately equal.

TABLE 2

Comparison of Annual Relatives of Apple Prices in California, Based on Unweighted and Weighted Averages of the Monthly Farm Prices, Calendar Years, 1910–1933

(1924–1928 = 100)

	Price relativ	res based on			Price relativ	res beased on	
Year beginning January 1	Unweighted average of monthly prices	average	Difference*	Year beginning January 1	Unweighted average of monthly prices	Weighted average of monthly prices	Difference
1910	56 0	85.8	0.7	1922	112.8	110.9	1.9
1011	59.1	85.3	-6.2	1923	108.0	109 4	-1.4
1912	64.6	64.6	0.6	1924	107.8	100.4	-9 1
1918	84.0	72.9	<b>-8.</b> €	1925	114.9	120.1	-8.2
1914	68.1	\$1.5	6.5	1926	92.6	81 3	11.5
1915	57 1	57 0	0.1	1927	89 4	101 8	-12 4
1916	64.6	67.6	3.0	1925	95.6	87.4	8 2
1917	<b>78</b> ₋6	76.0	-2.4	1929	97.0	110.9	-17 9
£91 <b>8</b>	- 65.0	98.8	-12.5	1930	83.5	51.6	<b>3</b> 0 9
191 <del>9</del>	186.2	128.4	7.8	1981	49.5	56 2	-8 7
1920	341.0	0.881	8.0	1932	82.8	49.4	2.9
1921	99.0	111.7	-12.7	1938	38 4	42.6	-4.1

<sup>\*</sup> Excess of unweighted over weighted average.

Sources of data: Calculations by the author based on prices presented in tables 40 and 42.

One of the products included in the California farm-price index for which annual prices calculated from monthly data are affected a great deal by the weighting process is apples. A comparison of the price relatives (1924–1928 == 100) for apples computed from unweighted and weighted monthly prices is presented in tables 2 and 3. In table 2, the price relatives are for the calendar years and in table 3 for the years beginning July 1.

In 1929, the unweighted average of the apple prices for the twelve months, January through December, was 97.0 per cent of the average for the five preceding years. The weighted average was, however, 110.9 per cent of the corresponding five-year average. This large difference is accounted for by the fact that the apple crop produced in 1929 was light, and prices during the months of heavy market movement were higher than the prices received for that portion of the 1928 crop sold after January 1. Apple prices are usually lower in the fall than in the

spring of the year. The importance of this factor as an explanation of the difference in the 1929 price relatives is indicated in table 3.

On the whole, the differences between price relatives for apples based on unweighted and weighted averages of monthly prices are much less when these relatives are computed for years beginning July 1 than when computed for calendar years. The largest differences for years beginning July 1 occurred during the World War when prices underwent changes of an exceptionally violent character.

TABLE 3

Comparison of Annual Relatives of Apple Prices in California, Based on

Unweighted and Weighted Averages of the Monthly Farm
Prices, Years Beginning July 1, 1910–1932
(July, 1924 to June, 1929 == 100)

	Price relativ	res based on			Price relativ	res based on	
Year beginning July 1	Unweighted average of monthly prices	average	Difference*	Year beginning July 1	Unweighted average of monthly prices	Weighted average of monthly prices	Difference*
1910	59.2	64.9	-5.7	1922	110.7	109.9	0.8
1911	67.0	87.2	-0.2	1923	108.6	109.2	<b>-0.6</b>
1912	59.9	62.6	-2.7	1924	115.0	111.5	8.5
1913	78.9	77.1	1.8	1925	111.4	118.3	8.9
1914	57.8	58.0	-0.2	1928	79.0	77.9	1.1
1915	62.8	58.8	4.0	1927	108.0	108.4	0.2
1916	70.5	68.7	1.8	1928	86.0	84.0	2,0
1917	76.9	77.1	0.2	1929	114.2	116.0	-1.8
1918	128.3	109.2	19.1	1930	45.1	51.1	-8.0
1919	140.0	130.5	15.5	1931	59.9	88.3	1.1
1920	108.6	124.4	-15.8	1982	49.2	45.0	-4.8
1931	119.2	115.8	2.4				

<sup>\*</sup> Excess of unweighted over weighted averages.

Sources of data: Calculations by the author based on prices presented in tables 41 and 43.

The effect of using annual averages of monthly prices weighted with the values given in table 1, upon the index numbers of the prices of twenty-four products, is shown in tables 4 and 5. The maximum difference between the annual index numbers based on weighted monthly prices and those based on unweighted averages of the monthly prices is 1.6, in 1919, for the calendar years, and 2.4, in 1918–19, for the years beginning July 1. In seventeen of the twenty-four calendar years the difference is 0.5 or less; in all but three, less than 1.0. In ten of the twenty-two years beginning July 1, the difference is 0.5 or less; in all but two years, 1.5 or less.

In the final index-number series, which include the prices of thirty-five commodities, the differences between the results obtained by weight-

TABLE 4

Comparison of Annual Index Numbers of Farm Prices in California, Based on Unweighted and Weighted Averages of the Monthly Prices of Twentyfour Products, Calendar Years, 1910–1933 (1924–1928 == 100)

	Index numi	pers based oz			Index numi	ers based on	
Year beginning January 1	Unweighted average of monthly prices	average	Difference*	Year beginning January I	Unweighted average of monthly prices	Weighted average of monthly prices	Difference
1910	73.7	78.7	0.0	1922	94 8	95 7	-0 9
1911	71.5	71.8	-0.8	1923	90.7	92. i	-1 4
1912	70.9	71.4	-0.5	1924	89.7	80.4	0 8
1918	81.4	82.1	-0.7	1925	112.6	119.1	-0.8
1914	68.2	67.9	0.8	1926	\$3.0	92 5	0.5
1915	86.4	66.3	0.1	1927	97.5	97.5	0.6
1916	77.7	77.4	0.8	1928	108 8	106.5	-0.3
1917	99.0	99.8	-03	1929	97.8	98.9	0.4
1918	127.4	127.2	0.2	1930	99.1	96 2	0.0
1919	119.8	121.4	-1.6	1931	60.8	60.6	-0.3
1920	130.0	120.9	-0.9	1932	50.2	48 8	1.4
1921	84.0	84.2	-0.2	1983	46 9	47 3	-04

<sup>\*</sup> Excess of unweighted over weighted averages.

Sources of data: Calculations by the author based on data presented in tables 7, 40, and 42.

TABLE 5

Comparison of Annual Index Numbers of Farm Prices in California, Based on Unweighted and Weighted Averages of the Monthly Prices of Twenty-four Products, Years Beginning July 1, 1910–1932 (July, 1924 to June, 1929 = 100)

	Index numi	ers based on			Index nomi	ers based on	
Year beginning July 1	Unweighted average of monthly prices	average	Difference*	Year beginning July 1	Unweighted average of monthly prices	Weighted average of monthly prices	Difference*
1910	71.0	73.2	-0.3	1922	92.5	91.9	0 7
1911	73 3	73.1	0.2	1923	86.8	66.9	-01
1912	71.7	73.2	-1.5	1924	101 6	102.5	-1.2
1913	75.9	75.2	0.7	1925	108.2	102.7	0.5
1914	66.3	65 2	0.1	1926	89.7	90.0	-0.3
1915	67.7	67.7	0.0	1927	105 3	105 5	-03
1918	88.9	87.5	1.4	. 1928	100.2	98 9	13
1917	109.6	111.4	-1.8	1929	102.7	104.0	~1.3
1918	128.4	125.0	2.4	1930	75 2	74.9	1.3
1919	127.8	129.2	-0.4	1931	83.9	82.7	0.3
1920	101.1	102.1	-1.0	1933	46.6	45.0	0.8
1921	91.8	93.3	-1.6				

<sup>\*</sup> Excess of unweighted over weighted averages.

Sources of data: Calculations by the author based on data presented in tables 7, 41, and 48.

ing and not weighting the monthly prices would be even less. The price series for the eleven products for which monthly price data were not used would have the same effect on each index-number series, and, by displacing a part of the influence of the twenty-four products, would tend to reduce the differences between corresponding index numbers.

In view of the relatively small differences between index numbers based on the unweighted averages of monthly prices and those based on monthly prices weighted with the values given in table 1 (and the questionable applicability of these weights to the situation in a given year), unweighted averages of the monthly prices have been used in the construction of the indexes which follow.

#### CALENDAR-YEAR VERSUS CROP-YEAR ANNUAL AVERAGE PRICES

Most annual index numbers of prices are for the calendar years (years beginning January 1). This is due, in part, to the fact that most of the basic statistical data for index numbers have been compiled on this basis. Furthermore, there is no one common dividing line between two successive twelve-month periods which is satisfactory for all indexnumber purposes—hence the division made by the Gregorian calendar is the one most commonly used.

Calendar-year annual prices for many agricultural products are limited in their usefulness because they are based on the prices for a portion of each of two crops. Since the prices of agricultural products are dependent, to a very large extent, on the supply factor, calendar-year annual averages of monthly prices may readily be misinterpreted. The marketing season for barley in California, for example, extends from about July 1 in one year to July 1 in the following year. The calendar-year annual price of barley in California for 1922, therefore, pertains in part to the portion of the crop harvested in 1921 but sold in 1922 and in part to that portion of the 1922 crop which was sold before January 1, 1923.

Because of the character of the seasons and the types of products grown, a fair approximation to a crop-year period, which is satisfactory for most crops in California, can be obtained by considering July 1 as the dividing line between successive crop years. A large portion of each of the more important crops produced in the state is harvested in the last half of the calendar year and marketed before July 1 of the following year.

In the construction of annual farm-price indexes for California, price series for both the calendar years (years beginning January 1) and the approximate crop years (years beginning July 1) were com-

piled. Index numbers based on each of these price series were then calculated. For most purposes, the index numbers for the approximate crop years will be more satisfactory than those for the calendar years. The calendar-year index numbers will be required in comparisons with other indexes for which approximate crop-year data are not available.

#### METHOD OF CONSTRUCTING THE ANNUAL INDEX NUMBER SERIES

In the construction of an index number of prices a number of factors need to be taken into consideration. Among these are: (1) the commodities to include, (2) the weight to assign different commodities, (3) the period which is to serve as a base, and (4) the type of average to employ in combining the prices of the different commodities in an index number.

Commodities Included.—It is impractical to attempt to include the prices of all farm products produced in California in a farm-price index for the state. Many products are of such relatively minor importance as a source of cash income that the inclusion of their prices would not have sufficient influence on the index to warrant the effort required to obtain adequate price series for them. Furthermore, for many of the products, sufficiently reliable price quotations over a period of years are not available.

Fortunately, a fairly reliable measure of the changes in the prices of the whole group of products can be obtained by selecting the most important commodities from the group and including only those in the index. A sample, including products which are representative of the various sources of the cash income of the farmers of the state and which account for a large percentage of this income can be expected to give results which do not differ significantly from the index that would be obtained by including all products.

The twenty-four products for which monthly farm-price data for

<sup>7</sup> For a more complete discussion of the construction of index numbers of farm prices, readers are referred to the following:

Bean, L. H., and O. C. Stine. Four types of index numbers of farm prices. Jour. Amer. Statis. Assoc. 19:30–35. 1924.

Black, A. G., and D. D. Kittredge. State indexes of prices of farm products. Jour. Farm Econ. 10:312-330. 1928.

More general discussions of index-number construction include:

Fisher, Irving. The making of index numbers. 3d ed. rev. 538 p. Houghton Mifflin Company, New York. 1927.

Persons, Warren M. The construction of index numbers. 90 p. Houghton Missin Company, New York. 1928.

King, W. I. Index numbers clucidated. 226 p. Longmans, Green and Company, New York. 1930.

Mitchell, Wesley C. The making and using of index numbers. U. S. Dept. Labor Bur. of Labor Statis. Bul. 284:7-114. 1921.

TABLE 6 AVERAGE ANNUAL CASH INCOME RECEIVED BY PRODUCERS IN CALIFORNIA FROM THE SALE OF FARM PRODUCTS DURING THE FIVE-YEAR PERIOD, 1924-1928, INCLUSIVE

	Average annual cash income, 1924-1928			Average an income, l			Average annual cash income, 1924-1928	
Product*	Dollara	Per cent of total	Product*	Dollars	Per cent of total	Product*	Dollare	Per cent of total
Meat animals: total	58,719,800 33,594,800	10.2 5.8	Grains: total Barley Wheat	40,425,000 15,187,000 13,037,600	7.0 2.6 2.8 1.4	Fruits (Continued) Grapes Raisins	49,000,000	8.5
Sheep Lambs	12,758,600 12,366,400	2.2 2.2	Rice. Oats. Corn. Miscellaneous.	7,981,800 1,155,400 633,800 2,429,400	0.2 0.1 0.4	Prunes. Peaches Pears Apricots.	16,826,000 12,814,800 8,300,000 9,187,400	2.9 2.3 1.4 1.6
Dairy products: total	64,500,800 64,500,800	11.2 11.2	Field crops other than grain: total	64,994,800 17,815,600	11.3	Cherries Miscellaneous  Nuts: total	2,351,600 11,412,400 15,800,200	0.4 2.0 2.7
Poultry products: total	36,945,800 30,175,800	6.4 5.2 1.2	Alfalfa / Cotton Potatoes	12,031,800 8,411,200	9.1 1.5 2.9	Walnuts Almonds	12,080,000 3,720,200	2.7 2.1 0.6
Other livestock and live- stock products: total	6,770,200 8,372,000	1.5 1.3	Beans Sugar beets Miscellaneous	4,944,800 5,314,400	0.8	Truck crops: total	50,810,200 2,929,500 2,179,400	10.0 0.5 0.4
Wool Horses Miscellaneous All livestock and livestock	7,261,600 389,800 720,600	0.1 0.1	Fruits: total. Oranges Lemons Apples	217,583,800 77,708,600 19,515,600 10,469,400	37.8 13.5 3.4 1.8	All crops: total	2,177,000 405,899,400	70.7
products: total	168,538,400	29.3	· · · · · · · · · · · · · · · · · · ·	WO! #99! #60		All products: total	575,437,800	100.0

<sup>\*</sup> All of the specific products listed are included in the California farm-price index.

Sources of data:
U. S. Dept. Agr. Bur. Agr. Econ. Farm value, gross income, and cash income from farm production. Part III. State summaries of the income estimates, 1924-1928, p. 18-20. August, 1930. (Mimeo.)
U. S. Dept. Agr. Bur. Agr. Econ. Farm value, gross income, and cash income from farm production. Part III. State summaries of the income estimates, 1928-1929, p. 8-9. November, 1930. (Mimeo.)

California are available accounted for between 60 and 65 per cent of the estimated gross cash income of the farmers of the state during the five-year period, 1924–1928, inclusive. A large portion of the income from fruits was not represented. In order to include the prices of as many products as are needed to account for a large percentage of the agricultural income and to give due weight to fruit prices in the index, price series for eleven additional products, seven of them fruits, are included.

The thirty-five commodities represented in the California farm-price index accounted for between 85 and 90 per cent of the estimated gross cash income from agriculture in California during the 1924–1928 period. The proportion of the total income during those five years contributed by the various products is shown in table 6. It can be seen from the data presented that, with the exception of truck crops, the products included in the index represent a fair cross section of California agriculture. Unfortunately, owing to the unavailability of satisfactory data, truck-crop prices are not included in the index. Changes in the character of the various truck crops produced, in the form in which they are sold, and in the method of packing and type of package used, make it extremely difficult to secure comparable price data for any length of time.

Weight Assigned Different Commodities.—Commodities vary greatly in importance. Some products may be considered more important than others because they require a larger percentage of the land resources in a given area or because a larger physical quantity of the commodity is produced during a given period, or for other reasons. A large number of criteria may be used in judging the importance of a particular product.

In an index number the importance of the various products is accounted for by assigning a weight, or series of weights, to each commodity. In an index number of prices these weights are usually related, in some way or other, to the income derived from the sale of the product. If the index numbers are derived from the aggregate values of a fixed quantity of goods, quantity weights are generally used. If, on the other hand, averages of price relatives are calculated, arbitrary values (usually percentages) of any character which bear some relation to each other may be used. Occasionally a series of weights, rather than a single weight, are assigned to each commodity. This is done when an attempt is being made to take into account the changing importance of products from time to time.

In the California farm-price index a single fixed weight is assigned to each product. These weights are based on the estimated annual quantities of the products marketed during the five-year period, 1924-1928, inclusive. Estimates of these quantities (table 7) were obtained from

various sources. Data for twenty-six of the products were estimated as follows:

Beef cattle, hoge, sheep, and lambs: Estimates of net disappearance (less deaths) in California.

Veal calves: Estimates of the shipments out of the state plus the slaughter in California.

TABLE 7

WEIGHTS ASSIGNED TO PRODUCTS IN THE CALIFORNIA FARM-PRICE INDEX, BASED ON ESTIMATED ANNUAL QUANTITIES MARKETED DUBING THE FIVE-YEAR PERIOD, 1924–1928, INCLUSIVE

Product	Estimated ar tity ma		Product	Estimated an tity man	
	Quantity	Unit		Quantity	Unit
Beef cattle	8,348,000	100 pounds	Alfalfa	1,032,000	tons
eal calves	828,000	100 pounds	Cotton	63,900,000	pounds
Hoga	1,340,000	100 pounds	Potatoes	6,197,000	bushela
heep.,,	373,000	abazzoq 001	Beans	4,871,000	bushsis
Amba	802,000	100 pounds	Sugar beets	550,000	tons
Kilk•	10,768,000	100 pounds	Oranges	28,324,000	boxes
Kilk fet	70,700,000	pounds	Lemons	6,753,000	boxes
Butter	775,000	pounds	Apples	8,250,600	bushel
Sgg	100,067,000	dowen	Grapest	1,057,000	tons
Chickens	22,627,000	pounds	Peaches	395,500	tons
Nool	21,208,000	pounds	Pears]	165,000	tons
iories	4,440	head	Apricota	165,000	tons
Barley	19,440,000	bushela	Cherries**	4,500	come
Wheat	9,887,000	bushels	Raisins ! !	237,500	tons
Rios	6,575,000	bushels	Prunestt	176,900	tons
Data	1,933,000	·bushals	Walnuts	30,000	tons
Corp	519,000	bushels	Almonds	11,500	tons
Eay†	270,000	tons		•	

<sup>\*</sup> Milk sold as market milk.

Sources of data: See text, pages 18 to 20, and footnotes 8 to 17.

Milk, milk fat, and butter: Estimates of the milk equivalent sold (subdivided into quantities sold as farm butter and as other milk products) in California. Estimates of the quantities sold as market milk were made by the author, based on the percentage utilization of milk fat produced in California as given in table 17 of Bulletin 514.º Estimates of the quantities of milk fat sold were made by deducting the estimated quantities of milk equivalent sold as market milk from that portion sold as milk products other than farm butter and converting the results to a milk-fat basis. The estimates (as made by the Bureau of Agricultural Economics) of the milk

<sup>†</sup> Hay other than alfalfa.

<sup>‡</sup> All grapes less fresh equivalent of raisins dried.

I Canned and dried peaches only.

Bartlett variety only.

<sup>¶</sup> Canned and dried apricote only.

<sup>\*\*</sup> Canned cherries only.

tt Dried tons.

<sup>&</sup>lt;sup>8</sup> U. S. Dept. Agr. Bur. Agr. Econ. Farm value, gross income, and cash income from farm production. Part I. Estimates by commodities and by states, together with production, disposition, and price data used, 1924–1928. p. 1–354. March, 1930. (Mineo.)

<sup>&</sup>lt;sup>9</sup> Voorhies, E. C. Dairy products. California Agr. Exp. Sta. Bul. 514:43. 1931.

equivalent sold as farm butter in California were converted to a butter basis by considering 3.85 per cent (an estimate also made by the Bureau of Agricultural Economics) as the average milk-fat content of the milk produced in California and 82.5 per cent (the minimum allowable by state law) as the milk-fat content of butter.

Eggs: Estimates of the number sold (except for hatching) in California.

Chickens: Estimates of the number sold in California. An estimate of 2 pounds as the average live weight, based on the opinions of persons familiar with the poultry industry in California, was used in converting these data to a weight basis.

Wool: Estimates of the production in California.

Horses: Estimates of the net number sold in California.

Barley, wheat, rice, oats, and corn: Estimates of the quantity sold or for sale in California.

Hay and aifalfa: Estimates of all hay sold or for sale in California. The production data for alfalfa and for other hay, as reported by the California Crop Reporting Service, served as a basis for estimating the quantities of each type sold or for sale.

Cotton: Estimates of the production in California.

Potatoes and beans: Estimates of the quantities sold or for sale in California.

Sugar beets: Estimates of the quantities sold for sugar in California.

Oranges, lemons, and apples: Estimates of the quantities sold or for sale in California.

Data for the other products were estimated as follows:

Grapes: 10 Estimates of the harvested production of all grapes in California less fresh equivalent of raisins dried.

. Peaches:11 Estimates of the harvested production in California less fresh shipments.

Pears: 12 Estimates of the harvested production in California less estimated production of varieties other than Bartletts (11 per cent of total production harvested).

Apricots: is Estimates of the harvested production in California less fresh shipments.

Cherries: 14 Estimates of the quantities canned in California.

Raisins:15 Estimates of the quantities dried in California.

Prunes:16 Estimates of the harvested production in California.

Walnuts and almonds:17 Estimates of the production in California.

Wellman, H. R., and C. J. Poole. Almonds. Outlook charts and tables. California Agr. Exp. Sta. February, 1932. (Mimeo.)

<sup>10</sup> Shear, S. W. Grapes. Outlook charts and tables. California Agr. Exp. Sta. February, 1932. (Mimeo.)

<sup>&</sup>lt;sup>11</sup> Wellman, H. R. Peaches. Outlook charts and tables. California Agr. Exp. Sta. February, 1932. (Mimeo.)

<sup>&</sup>lt;sup>12</sup> Shear, S. W., and H. R. Wellman. Pears. Outlook charts and tables. California Agr. Exp. Sta. February, 1932. (Mimeo.)

<sup>18</sup> Wellman, H. R., and C. J. Poole. Apricots. Outlook charts and tables. California Agr. Exp. Sta. February, 1932. (Mimeo.)

<sup>&</sup>lt;sup>14</sup> Wellman, H. R., and C. J. Poole. Cherries. Outlook charts and tables. California. Agr. Exp. Sta. February, 1932. (Mimeo.)

<sup>15</sup> Shear, S. W. Grapes. Outlook charts and tables. California Agr. Exp. Sta. February, 1932. (Mimeo.)

<sup>&</sup>lt;sup>16</sup> Shear, S. W. Prunes. Outlook charts and tables. California Agr. Exp. Sta. February, 1932. (Mimeo.)

<sup>17</sup> Wellman, H. R., and. H. E. Erdman. Walnuts. Outlook charts and tables. California Agr. Exp. Sta. February, 1932. (Mimeo.)

Period Which Is to Serve as a Base.—Most price index numbers express, in percentages, the relation between prices at a specific time and prices in a base period which is designated as 100. The choice of this base period depends upon a number of considerations, among which are the following: (1) the purpose of the index number, (2) the availability of a period during which price interrelations were sufficiently stable, and (3) the comparative accuracy of the price data for different years.

A farm-price index serves two purposes which need to be taken into consideration in the selection of a base period. First, it provides a basis for comparing the general movements in farm prices over a long period of time with movements in other price series—wholesale prices, retail prices, wages, taxes, real-estate prices, rents, etc. Secondly, it serves as a base for judging changes in the farm prices of individual products. During the years since 1910, the first of these purposes has been most satisfactorily served by the selection of the 1910-1914 period as a base.18 During that period the ratio of the wholesale prices of farm products to the wholesale prices of nonagricultural commodities was at the approximate level to which, over a long period of years, there has been a tendency to return. Moreover, the serious maladjustments between groups of prices that follow periods of monetary inflation and deflation did not exist at that time. If, on the other hand, a farm-price index is constructed for use in judging changes in the farm prices of individual products, its purpose is most satisfactorily achieved when the base period is comparatively near the time of such price changes, when it is a period of stable prices in general, and is represented by price series which are as accurate as can be obtained. The 1924-1928 period exhibits the qualifications most desired in obtaining a basis for judging recent changes in farm prices in California.

In selecting a base period for a price index, extending from 1910 to date, in which price interrelations can be considered sufficiently stable for that purpose, one is practically limited to two periods, 1910 to 1915 and 1922 to 1929. The first of these periods is characterized by what were undoubtedly the most stable economic conditions in existence in this country since 1910. The second period, during which a degree of economic stability was attained, came between the two major financial crises experienced since the War.

Generally speaking, the accuracy of price data increases with the passage of time. Better methods of collecting price quotations are developed, the size of the samples upon which prices are based are enlarged.

<sup>&</sup>lt;sup>18</sup> A good discussion of the use of the 1910-1914 period as a base for price indexes was published recently: Stine, O. C. [Discussion.] Jour. Farm. Econ. 15:254-259. 1938.

and more attention is given to bias in sampling, errors in reporting, and other related problems. The accuracy of much of the price data in California has improved in recent years owing to the increased attention given to the problem by research workers in response to the needs of the farmers and marketing organizations of the state.

In the construction of the California farm-price index, a decision was made to calculate two indexes, one of which would be based on the prewar period, 1910–1914, and the other on the five post-war years, 1924 to 1928, inclusive. With an index available based on each of the two periods, the one may be chosen which best serves a particular purpose.

Type of Averaging Process Employed in Combining Prices.—Two general methods have been used in combining the prices of several products in an index number. In one method the price relative (ratio of the price at a given time to the corresponding price in the base period) of each product is calculated. Then these relatives, one for each product, are combined by some averaging process into a single ratio, or index number. In another method price relatives are not calculated. Each index number is obtained by relating the aggregate value of the products included in the index at a given time to the corresponding aggregate value in the base period.

Most state indexes of the prices of farm products are of the aggregative type. The monthly index of Missouri farm prices, 19 for example, was constructed by calculating the aggregate value of a fixed quantity of thirteen products (691,500 hundredweight of hogs, 8,333 head of horses, etc.) for a given month, and expressing this value as a percentage of the corresponding total value of the same quantities in the base period. Since the quantity of each product was held constant, any change in the aggregate value (price times quantity) was due entirely to price changes. In the Minnesota farm-price index, 20 a somewhat different procedure was followed, although the aggregative method was used. A formula was employed which combined the weightings of the quantities sold in the base period with the quantities sold in the current period.

The California farm-price index is of the aggregative type using fixed weights. The index number for a given year is obtained by multiplying the price of each commodity in that year by its weight (table 7), adding the products, and dividing the sum by the corresponding value for the base period. The average annual base-period values used in the construction of the several indexes for California are given in table 8.

<sup>&</sup>lt;sup>19</sup> Cowan, D. R. G. Missouri farm prices and purchasing power. Missouri Agr. Exp. Sta. Research Bul. 84:1-34, 1926.

<sup>&</sup>lt;sup>20</sup> Black, A. G., and D. D. Kittredge. Minnesota agricultural indexes of prices, quantities, and cash incomes, 1910–1927. Minnesota Agr. Exp. Sta. Tech. Bul. 72: 1–90, 1930.

TABLE 8

Average Annual Aggregate Value of Farm Products in California During
Each of the Periods Used as a Base for the Index

Numbers of Farm Prices

Product	Average annual aggregate value, calendar years, 1924-1928	Average annual aggregate value, July, 1924 to June, 1929	Average annual aggregate value, calendar years, 1910-1914	Average annu- aggregate valu- July, 1910 to June, 1915
	dollare	dollars	dollars	dollars
Beef cattle	25,083,400	26,114,400	20,195,200	. 20,422,600
Veal calves	7,977,000	8,301,600	5,585,600	5,736,400
Hogs.	14,651,400	15.010,600	9,870,400	9,559,500
Sheep	2,983,800	3,019,600	1,792,000	1,813,400
Lamba	9.551.000	9,848,000	4,642,200	4,700,200
Milk.	28,228,400	28, 228, 600	26,764,200	26,376,600
Milk fet		86,491,200	23,967,400	23,656,200
Butter	373,500	373,200	242,000	240,400
Egg.	88,682,600	33,802,600	29,219,300	28,879,400
Chickens	5,798,200	5,868,600	3,387,490	3,401,400
Wool	7,096,200	7,053,800	2,089,400	3,007,200
Ногоса	391,800	385,600	621.600	612,000
Barley	15,692,000	15.742.600	12,783,500	12,717,500
Wheat	13,434,400	13,507,800	9,434,200	9,570,660
Rice		8,784,200	5,867,809	5,557,500
Osta				
	1,226,400	1,225,800	1,037,200	1,015,600
Cera Hay	640,600 3,828,400	642,200	.447,200	452,400
Alfalfa		3,872,800	8,045,800	2,890,000
		15,859,800	10,002,000	9,975,200
Cetton		12,307,000	6,811,800	6,811,800
Potatoes	9,004,000	8,658,400	4,986,200	5,047,800
Beans,	16,996,893	17,615,400	11,827,800	12,045,400
Sugar besta	4,830,200	4,830,200	<b>-</b> →	_
Oranges	88,027,400	88,674,600	-	_
Lemons	19,684,600	20,475,000		
Apples	11,995,800	11,698,600	7,722,000	7,557,000
Grapes	27,482,000	27,482,000	13,741,000	13,741,000
Peaches		12,497,800	8,226,200	8,228,200
Реага	8,778,000	8,778,000	6,435,000	0,435,000
Apricota	9,570,000	9,570,000	6,270,000	6,270,000
Cherries	727,200	797,400	513,000	523,800
Raining	14,107,200	14,107,200	15,197,600	16,197,600
Prunes	18,304,000	18,304,000	19,536,000	19,538,000
Walnuts	12,528,000	12,528,000	7,956,000	7,956,000
Almonda	8,841,000	8,841,000	2,930,200	2,930,200
Meat animala	60,248,600	62,094,400	42,085,400	42,842,200
Dairy products	63,980,400	84,093,000	50,978,600	50,273,200
Poultry products	39,480,800	89,669,200	32,607,200	32,280,800
Grains	89,777,600	39,902,600	29,369,800	29,423,800
Field crops other than grains	58,389,200	68,143,600	86,678,600†	30,871,200†
Fruita	211,154,000	212,384,600	78,640,800;	78,488,8001
Livestock and livestock	·			
products	171,195,600	173,297,000	129,257,200	128,515,400
Crope	330,689,800	881,799,800	155,670,400	155,667,800%
All products	501,885,400	505,098,800	284,827,600\$	284, 183, 2005

<sup>\*</sup> Dashes indicate data not available.

Sources of data: Calculations by the author based on data presented in tables 7, 40, 41, and 44.

<sup>†</sup> Not including augar beets.

<sup>‡</sup> Not including oranges and lemons.

Not including sugar beets, oranges, and lemons.

The prices of oranges and lemons prior to 1912, and of sugar beets prior to 1916, are not available, and, hence, did not enter into the construction of the indexes for those years. When the post-war base period was used, the index numbers for 1910 and 1911 were obtained by dividing the aggregate values of all products except oranges, lemons, and sugar beets for those years by the aggregate value of the same products during the base period. In like manner, the index numbers for 1913, 1914, and 1915 are based on all products except sugar beets.

When the 1910-1914 period was used as a base, the prices of oranges, lemons, and sugar beets were "chained" into an index including all other prices. The data presented in table 9 illustrate the procedure followed in "chaining" the prices of these three products into the index-number series when 1910-1914 = 100. Index numbers (col. 2), including the prices of all products except oranges, lemons, and sugar beets and using 1910-1914 as the base period, are calculated from the aggregate values of those products (col. 1). The aggregate value of all products (col. 3), including oranges, lemons, and sugar beets, for each year is expressed as a percentage of the aggregate value of these products in the preceding year (col. 4). Each of these percentages, or link relatives, is then multiplied by the index number for the preceding year (cols. 2 and 5) to obtain a chain index (col. 5). The substitution of the values in this chain index for the index numbers for corresponding years in column 2, and the adjustment of these values to an average of 100 for the five years, 1910-1914 (col. 7), completes the process.

#### AN INTERPRETATION OF THE INDEX-NUMBER SERIES

#### CALIFORNIA FARM PRICES OF ALL PRODUCTS COMBINED AND OF MAJOR GROUPS OF PRODUCTS

The index of California farm prices for the years beginning July 1, and based on the five pre-war years, are presented in table 10.24 The products included in each of the groups designated in the tables are as follows:

Meat animals: beef cattle, veal calves, hogs, sheep, and lambs.

Dairy products: milk, milk fat, and butter.

Poultry products: eggs and chickens.

Grains: barley, wheat, rice, oats, and corn.

Field crops other than grains: hay, alfalfa, cotton, potatoes, beans, and sugar beets (since 1916).

<sup>&</sup>lt;sup>21</sup> Indexes for the years beginning July 1, based on the period from July, 1924 to June, 1929, and for the calendar years, based on the 1910–1914 and the 1924–1928 periods, are presented in tables 45, 46, and 47 in Appendix B.

TABLE 9

	Aggregate values of all products except	Index numbers of the prices of all products except oranges.	Aggregate values of all products, including oranges,	Link relatives of the aggregate values	Chain index of the prices of	of all 1	rs of the prices products
Year beginning January 1	oranges, lemons, and sugar beets	lemons, and sugar beets (1910-1914=100)	lemons, and sugar beets	of all products	all products	Unadjusted	(1910-1914=100)
		*	ð	4	8	8	7
1910	\$277,762,000	97.5	\$277,762,000	*********	*****	97.8	95.7
1011	285,289,000	100.5	288,289,000	********		100.5	98.8
1912	278,801,000	97.9	343,709,000			97.9	96.1
1913	302,847,000	********	405,291,000	117.9	115.4	115.4	118.2
1914	278,639,000	++;+n444	344,276,000	84.9	98.0	. 98.0	96.2
1915	272,042,000	·····	331,277,000	96.2	94.8	94.8	92.6
1916	827,876,000	******	410,781,000	123.0†	116.0	116.0	113.8
1917	\$439,422,000	11111111	\$616,953,000	125.8	145.9	145.0	143.2

<sup>\*</sup> Oranges and lemons were added in 1912; sugar beets in 1916.

<sup>†</sup> Aggregate value of all products, except sugar beets, in 1915 was \$407,316,000. This figure was used in the calculation of the link relative for 1916. Sources of data: Calculations by the author based on data presented in tables 7, 40, 41, and 44.

Fruits: oranges (since 1912), lemons (since 1912), apples, grapes, peaches, pears, apricots, cherries, raisins, and prunes.

Livestock and livestock products: meat animals, dairy products, poultry products, wool, and horses.

TABLE 10

Annual Index Numbers of Farm Prices, California, Yrars Beginning July 1, 1910–1932

(July, 1910 to June, 1915 = 100)

		Lives	tock and li	vestock p	roducts		Cn	e <b>pa</b>	
Year beginning July 1	Ali products	All	Mest animals	Dairy products	Poultry producte	All	Grains	Field grope other than grains	Fruita
1910	97	101	100	102	100	94	87	107	94
1911	108	98	90	107	98	108	100	99	318
1913	97	101	96	107	94	96	103	107	88
1918	108	101	106	95	107	111	101	102	112
1914	95	99	196	90	102	92	168	84	95
1918	94	100	103	92	108	91	97	100	54
1916	126	217	125	105	119	130	- 140	177	116
1917	155	151	155	132	144	156	208	210	123
1918	186	173	182	155	175	199	203	197	186
1919	212	177	176	170	179	229	247	255	218
1930		148	141	146	154	207	156	192	221
1921	152	122	115	127	124	187	311	137	182
1923	148	131	124	185	124	184	118	184	160
1928	127	128	120	132	123	126	115	188	111
1924	145	130	128	121	135	152	170	188	138
1925	145	139	145	131	132	148	138	170	141
1926	130	13 I	143	126	118	129	120	141	122
1927		132	150	127	110	147	135	140	147
1928	184	141	165	131	119	129	116	164	118
1929	152	132	153	122	123	163	113	178	165
1930	104	100	115	95	87	105	80	118	104
1981	81	78	81	76	77	<b>82</b>	67	84	82
1932	64	55	56	58	69	63	47	74	44

Sources of data: Calculations by the author based on data presented in tables 7, 5, 41, and 44.

Crops: grains, field crops other than grains, fruits, walnuts, and almonds.

All products: livestock and livestock products and crops.

According to these index numbers, the level of farm prices in California was lower in the year beginning July 1, 1932, than in any other year during the period covered by the index (fig. 1). Between 1910 and 1915, prices were comparatively stable. In 1915 they began to rise and rose rapidly until 1919–20 when they reached a peak at levels more than double the average for July, 1910 to June, 1915. From then until 1923, farm prices in California declined at a rate approximately equal to that

of the preceding advance. Between 1923 and 1929, they were again comparatively stable. By 1931, however, they had declined to levels below that of the pre-war base period.

The farm prices of meat animals and of poultry products followed fairly closely the course of the all-products index until 1918, when meatanimal prices reached their peak (fig. 2). Between 1918 and 1924, both

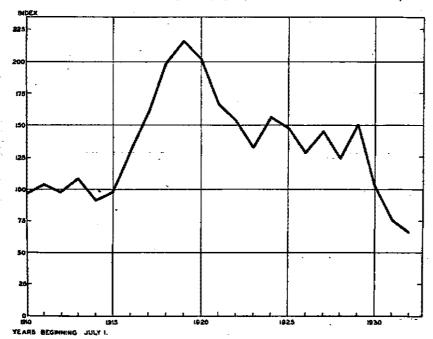


Fig. 1.—Annual index numbers of farm prices, California, years beginning July 1, 1910–1932. (July, 1910 to June, 1915 = 100.)

During the War, farm prices in California were over twice as high as they were between 1910 and 1914. Since 1930, farm prices have averaged lower than pre-war levels. (Data from table 10.)

groups of prices remained together and below the average of the farm prices of all products in California. Supplies of practically all classes of important meats were relatively lower between 1926 and 1929 than in earlier years. These resulted in relatively higher farm prices for meat animals, as a group, than for all products combined. Poultry products continued low in price as compared with other products, until 1931. In the year beginning July 1, 1932, the farm prices of poultry products (eggs and chickens) in California were higher, in relation to the farm prices of other products, than in any other year since 1915.

The farm prices of grains rose very rapidly in the early stages of the World War because of the war demands for the staple food products.

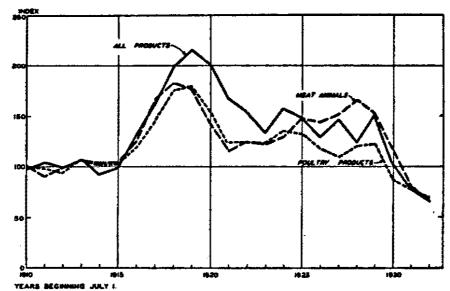


Fig. 2.—Annual index numbers of the farm prices of meat animals, poultry products, and all products, California, years beginning July 1, 1910–1932. (July, 1910 to June, 1915 == 100.)

The prices of poultry products were low as compared with the prices of other farm products in California from 1916 until 1931. Meat animals were relatively high in price from 1926 to 1931. (Data from table 10.)

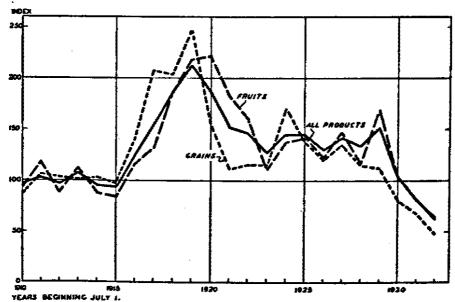


Fig. 3.—Annual index numbers of the farm prices of fruits, grains, and all products, California, years beginning July 1, 1910–1932. (July, 1916 to June, 1915—100.)

After the War, grain prices fell rapidly to within 15 per cent of pre-war levels. The prices of fruits, especially grapes, remained very high as compared with the prices of other products. (Data from table 10.)

(fig. 3). Between 1919 and 1921, they fell even more rapidly to within 15 per cent of the pre-war levels. After this sharp decline, grain prices recovered considerably, reaching, in 1924-25, 170 per cent of the average for July, 1910 to June, 1915. Since 1924, they have declined at an average rate of approximately 14 per cent a year.

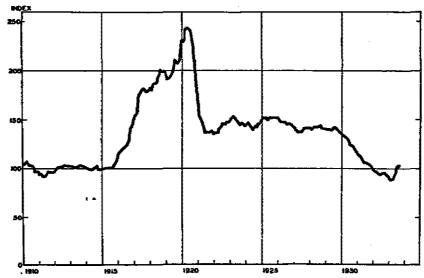


Fig. 4.—Monthly index numbers of the wholesale prices of all commodities, United States, 1910-1933. (1910-1914 = 100.)
The general level of commodity prices in the United States was comparatively

stable between 1910 and 1915 and from 1921 until 1929. (Data from table 11.)

The farm prices of fruits in California lagged behind grain prices during the War period and reached their highest level after grain prices had fallen (fig. 3). Fruit growers, as a group, did not experience the first post-war depression of 1921. Grape prices, in particular, were very favorable to the producer. Since 1923, however, fruit prices have followed rather closely the prices of other agricultural products, and, because of the importance of fruits in California, have accounted for a large proportion of the year-to-year fluctuations in the index for all products.

#### GENERAL LEVEL OF PRICES IN THE UNITED STATES

The major movements in the annual indexes of farm prices in California since 1910 have been governed largely by the changes in the general level of prices in the United States. Changes in the general level of prices represent variations in the exchange value, or purchasing power, of money.

One of the more generally accepted measures of the general level of prices in the United States is the all-commodity index of wholesal prices constructed by the Bureau of Labor Statistics of the United State Department of Labor. The monthly index numbers for the years 1916 to 1933, inclusive, are presented in table 11 and figure 4.

TABLE 11

MONTHLY INDEX NUMBERS OF THE WHOLESALE PRICES OF ALL COMMODITIES,

United States, 1910–1933\*

(1910–1914 == 100)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yes
1910	104	104	106	107	106	204	104	108	103	99	97	97	101
19I1		94	95	92	83	92	98	96	97	97	96	95	왜
1912	. 96	97	90	102	102	101	101	102	103	103	108	102	101
1918	108	102	102	102	101	101	102	102	103	108	109	101	109
1914. <u></u>	100	100	99	88	98	98	99	101	108	99	- 99	98	90
1915	99	100	100	100	101	100	101	108	160	108	108	100	101
1916	112	115	117	119	121	121	123	124	127	135	142	146	125
1917	149	158	157	167	176	178	186	182	180	178	179	180	173
1918	183	179	185	187	187	188	193	196	201	199	190	199	191
1919,		190	192	194	198	198	206	211	206	307	211	220	903
1990	230	229	232	243	244	243	342	236	227	211	198	176	226
1921		158	150	344	141	135	136	137	186	137	138	136	145
1922	134	136	136	180	140	141	145	144	145	148	147	147	141
1923		151	153	152	149	147	144	143	146	145	144	148	147
1924	145	146	144	142	140	139	140	142	142	148	145	146	- 14
1925	250	152	152	149	148	150	152	152	151	181	153	151	181
1926	151	149	147	147	147	147	145	145	148	148	144	14	146
1927	141	140	138	137	138	137	188	139	143	141	141	141	129
1928	141	140	139	141	142	141	142	143	144	141	140	140	141
1929	140	139	140	189	138	139	241	141	140	129	187	136	139
[930	135	134	132	131	130	127	123	123	123	121	119	116	126
1931	114	112	111	109	107	106	105	106	104	103	108	100	1077
l932	98	97	96	95	94	93	94	. 95	65	95	198	91	. 34
1983	89	87	88	88	92	95	101	102	108	104	104	103	1.00

<sup>\*</sup> The all-commodity index of wholesale prices, as constructed by the Bureau of Labor Statistics of the United States Department of Labor, converted to the 1916-1914 base.

Sources of data:

1910-1932: Warren, G. F., F. A. Pearson, and H. M. Stoker. Wholesale prices for 213 years, 173 to 1932. Cornell Memoir 142: 71, 1932.

1933: U. S. Dept. Agr. Bur. Agr. Econ. The agricultural situation, monthly issues.

According to this series of index numbers, the general level of price in the United States did not change much between 1910 and 1915. Late in 1915, prices began to rise at a rapid rate, owing to the monetary in flation which accompanied the government's method of financing the War. This rise continued until early in 1920 when, with the resumption of a peace-time fiscal policy, prices started on their return to prewar levels. Between 1921 and 1929, a period of post-war reconstruction and industrial expansion, prices remained fairly stable at approximately 45 per cent above pre-war levels. Late in 1929, as a climax to the

orgy of stock-market speculation, the deflationary process reappeared, and prices soon reached pre-war levels. In December, 1932, according to the all-commodity index, wholesale prices in the United States were 91 per cent of their 1910-1914 five-year average.

TABLE 12 ANNUAL INDEX NUMBERS OF FARM PRICES, UNITED STATES, YEARS BEGINNING JULY 1, 1910-1932\* (July, 1910 to June, 1915 = 100)

Year	·	Livestock	and livestoo	k products	Crope						
peginning July 1	All products	Meat animals	Dairy products	Poultry products	Grain	Fruit and vegetables	Cotton and cotton seed				
1910	99	93	98	95	92	98	194				
1911	98	87	101	98	105	122	91				
1912	98	103	101	97	91	88	102				
1913	104	110	101	106	<b>\$</b> 5	106	108				
1914	101	107	99	104	117	88	75				
1915	164	100	98	104	107	99	102				
1916	147	142	112	138	168	189	161				
1917	103	190	139	169	224	164	250				
<b>1918</b>	205	209	162	194	221	178	254				
1919	221	180	185	217	240	256	311				
1920	153	138	170	191	161	155	152				
1921	120	100	137	150	100	177	140				
1922	130	110	141	142	108	131	310				
1923	133	103	144	141	100	132	244				
1924	143	134	131	158	151	135	205				
1925	144	148	139	157	186	203	164				
1926	180	141	137	148	121	155	115				
1927	139	140	138	146	132	163	167				
1928	138	157	141	154	116	121	183				
1929	184	140	133	152	114 ·	171	141				
1930	98	111	109	105	80	126	88				
1931	68	72 .	83	85	50	80	52				
1032	50	60	65	79	41	67	55				

Index numbers converted to the July, 1910 to June, 1915 base by considering the unweighted average
of the sixty monthly index numbers for this period, on the August, 1909 to July, 1914 base, as equal to 100. Sources of data:
1910-1930; U. S. Dept. Agr. Yearbook of Agriculture 1931; 1018-1020, 1931,
1931-1932; U. S. Dept. Agr. Bur. Agr. Econ. The agricultural situation, monthly issues.

#### FARM PRICES IN CALIFORNIA AND IN THE UNITED STATES

Index numbers of farm prices in the United States, by groups and for all products, are presented in table 12. The various groups include the following products:

Meat animals: beef cattle, calves, hogs, sheep, and lambs.

Dairy products: milk and butter (representing butter, milk fat, and cream sold by farmers).

Poultry products: chickens and eggs.

Grains: wheat, corn, oats, barley, rye, and kafir (since June, 1923).

Fruits and vegetables: apples, oranges, grapefruit, potatoes, sweet potatoes, beans, onions, and cabbage.

Cotton: cotton and cottonseed.

All products: meat animals, dairy products, poultry products, grains, fruits and vegetables, cotton and cottonseed, horses (representing horses and mules), hay, flax, tobacco (since June, 1923), and wool,

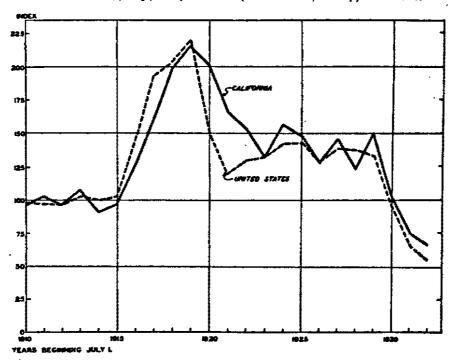


Fig. 5.—Annual index numbers of farm prices in California and in the United States, years beginning July 1, 1910-1932. (July, 1910 to June, 1915 = 100.)

During each of the three periods of major price disturbances in the past two decades, changes in farm prices in the United States, as a whole, have preceded the changes in California farm prices. (Data from tables 10 and 12.)

During the early stages of the War, when prices were rising at a rapid rate, farm-price advances in the United States as a whole preceded the rise in California farm prices (fig. 5). Similarly, in each of the two post-war periods of price deflation, farm prices in California lagged behind farm prices in the United States. These lags in price movements were due, to a large extent, to the character of the commodities included in the two indexes. The United States farm-price index is weighted heavily with the staple products such as cotton, wheat, corn, hogs, beef cattle, and potatoes. The index of farm prices for California, on the other hand, includes many specialty crops of major importance

in the state. When prices rise in periods of inflation or fall in periods of deflation, the staple food products are usually among the first affected.

Although the California farm-price index for grains includes rice, which is not included in the United States index, and the United States index includes the prices of rye, the indexes of grain prices for the United States and for California are very similar (fig. 6). Grains were relatively lower in price in California between 1914 and 1918, and relatively somewhat higher between 1921 and 1924, than in the United States as a whole.

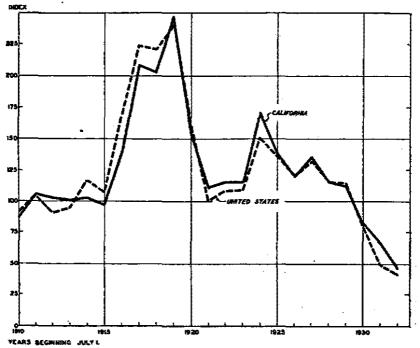


Fig. 6.—Annual index numbers of farm prices of grains in California and in the United States, years beginning July 1, 1910–1932. (July, 1910 to June, 1915 == 100.)

The course of grain prices in California and in the United States during the past two decades has been very similar. (Data from tables 10 and 12.)

The farm prices of poultry products in California have been relatively lower than the farm prices of poultry products in the United States since 1918 (fig. 7). Changes in the egg industry in California, accompanied by a shift from price relations based on a production inadequate for the needs of the people of the state to price relations associated with surplus production and shipments from the state, explain the relatively low prices (low in comparison with pre-war years) of poultry products in California in recent years.

#### FARM PRICES IN CALIFORNIA AND IN OTHER STATES

Index numbers of farm prices for several states have been constructed in recent years. A selected group of these are presented in table 13. Each series depicts, to a varying degree, the war-time high level of prices, the price declines in 1920 and 1921, the subsequent period of approximate stability, and the recent collapse of the price structure.

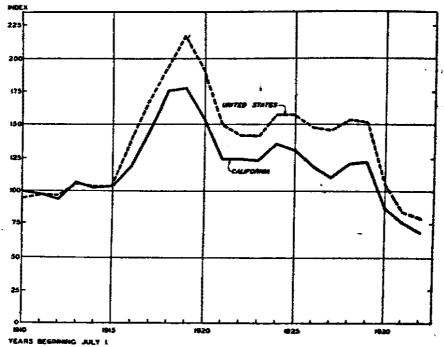


Fig. 7.—Annual index numbers of farm prices of poultry products in California and in the United States, years beginning July 1, 1910–1932. (July, 1910 to June, 1915 = 100.)

Since 1915, the farm prices of poultry products have been relatively lower in California than in the United States as a whole. This has been due to the shift of California from a deficit to a surplus-producing area for eggs. (Data from tables 16 and 12.)

A large portion of the differences between various state farm-price index numbers is accounted for by the type of products included in each index. The Alabama index, for example, is weighted heavily with cotton prices. Changes in the index, therefore, are largely reflections of changes in the price of cotton. The prices of hogs and beef cattle dominate the movements of the Iowa index, and wheat is given much weight in the North Dakota index. The importance of fruits in California explains the major differences between the index numbers for this state and those for other parts of the country.

Annual Index Numbers of Farm Prices, Twelve Selected States, Years Beginning July 1, 1910–1931 (July, 1910 to June, 1915 = 100)

Year beginning July 1	New York	Pennsyl- vania	Ohio	Indiana	lowa	Missouri	North Dakota	Alabama	Техая	Utah	Oregon	California
1910	98	95	98	92	91	91	103	114	110	99	101	97
1911	101	100	96	96	94	98	102	93	93	96	96	] 108
1912	96	98	· 101	100	101	102	68	100	100	98	96	97
1913	104	104	104	105	107 t	106	89	107 86	105	101	100	108 95 94
1914	99	104	106	108	106	108	117	86	92	106	108	95
1915	105	105	106	105 144	108	107	110	99 .	107	113	104	94
TATO	146	142	151	144	147	147	162	145	149	154	139	126
1917,-,-,-,-,-,-,-,-,-,-,-,-,-	179 .	183	193	189	198	188	213	220	216	187	180	155
1918	199	201	209	- 204	218	208	220	220	224	108	198	188.
1010	222 173	220	223	203	207	197	250	271	247	220	198	212
1920		178	164	146	143	147	165	160	151	154	155	186
1921	143	132	126	108	104	107	113	127	120	114	113	152
1922	135	180 137	131	5c 5 111	114	111	107	178	160	132	122	146
1923	137	137	129	108	113	107	108	204	177	137	113	127
1924	137	145	148	134	140	131	141	179	164	150	141	145
1925	160	160	156	142	144	142	148	156	150	148	143	145
1926	151	· 155	148	133	139	135	139	121	118	140	130	130
1927	154	155	150	138	141	139	131	184	154	145	187	142
1928	154	154	152	139	149	146	118	156	154	150	146	134
1929	156	154	141	184	140	140	123	136	137	140	134	152
1930	123 86	128	111 72	104	108	104	76 57	19	80 87	104	87 71	104
1931	RÓ	86	72	66	67	d9	67	89	ÄŸ	88	l ÿi	81

Sources of data:

California: Table 10.

Unweighted annual averages of the monthly index numbers of farm prices for each of the other states calculated by the author from the monthly data obtained from

Unweighted annual averages of the monthly index numbers of farm process for each of the colours scales calculated by she annual averages of the monthly index numbers of farm products in Pennsylvania, Pennsylvania State Col. Ext. Cir. 101: 76. 1923.

Pennsylvania (1910-1922): Weaver, F. P. The prices of farm products in Pennsylvania, Pennsylvania State Col. Ext. Cir. 101: 76. 1923.

Indiana (1910-1927): Young, E. C., and C. A. Day. Prices of farm products in Indiana. Purdue University Agr. Exp. Sta. Bul. 320: 24. 1928.

Iowa (1910-1923): Bjorka, K. Index number of lows farm products prices. Iowa Agr. Exp. Sta. Current Series Report. No. 3: 16. 1926.

Missouri (1910-1923): Cowan, D. R. G. Missouri farm prices and purchasing power. Missouri Agr. Exp. Sta. Research Bul. 84: 34. 1926.

North Dakota (1910-1923): Fuller, O. M., and R. E. Willard. Prices of North Dakota farm products. North Dakota Agr. Exp. Sta. Bul. 232: 51. 1929.

Abbam. (1910-1923): Eng. I. D. Prices of farm products in Alabama Ext. Ser. Cir. 91: 76. 1926.

Alabama (1910-1925): Pope, J. D. Prices of farm products in Alabama. Alabama Ext. Ser. Cir. 91: 75, 1926. Utah (1910-1929): Thomas, W. P. Prices of farm products in Utah, Utah State Agr. Exp. Sta. Bul. 217: 59, 1930.

New York (1924-1932); Pennsylvania (1923-1931); Ohio, Texas, and Oregon (1924-1931); Indiana (1928-1931); Iowa, Missouri, and Alabama (1926-1931); North Dakota (1929-1931); Utah (1930-1931); Cornell University, Farm Economics, Nos. 31-79.

Pennsylvania, Ohio, Indiana, Iowa, Missouri, North Dakota, Alabama, Texas, Utah, and Oregon (1932): Warren, G. F., and F. A. Pearson, Prices, p. 190, John Wiley and Sons, New York, 1933.

Distance from market is also a factor in an explanation of differences between state farm-price index numbers. Because distributive charges are much less flexible than the prices of commodities, they absorb an increasingly large share of the prices paid by consumers during periods of falling prices. Likewise, when prices are rising, they absorb a smaller and smaller share. As a consequence, the prices received by producers in

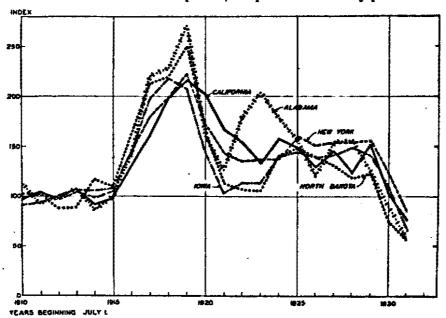


Fig. 8.—Annual index numbers of farm prices in California, New York, Alabama, Iowa, and North Dakota, years beginning July 1, 1910–1931. (July, 1910 to June, 1915 = 100.)

Farm prices in California and in New York have followed a similar course. The Alabama farm-price index was affected, to a considerable extent, by the prices of cotton; the Iowa index, by the prices of livestock; and the North Dakota index, by the prices of grains. (Data from table 13.)

areas far from the market advance relatively more during periods of rising prices, and fall relatively more during periods of falling prices, than the prices received by producers located near consuming centers.

The index of farm prices for California followed the course of the index of farm prices for New York more closely than it followed the indexes for Alabama, Iowa, or North Dakota (fig. 8). The character of the commodities produced in the first two states is more nearly the same. Relatively high cotton prices in 1922, 1923, and 1924, resulting from extensive boll-weevil damage in some of the cotton-producing areas, account for the high index of farm prices in Alabama during those years. Low grain prices in 1921, 1922, and 1923 carried the Iowa and North Dakota indexes for those years very nearly to pre-war levels.

TABLE 14 Annual Relatives of Unweighted Averages of Monthly Farm Prices, California, Years Beginning July 1, 1910-1932 (July, 1924 to June, 1929 = 100)

Year begin ning July 1	Beef cattle	Veel caives	Hogs	Sheep	Lambs	KIR	Milk fat	Butter	Eggs	Chickens	Wool	Horses	Barley	Wheat	Oata	Cera	Hay	Alfalfa	Cotton	Potatoes	Въвля	Orsuges	Lemons	Apples
1910	74.6	65.5	70.4	64.1	52.2	96.9	66.1	64.0	85.3	58.0	40.9	187.4	68.8	87.2	77.6	65.9	65.8	64.1		69.1	70.2			59.2
1911	70.0	62.1	58.4	68.6	42.9	106.8	65.7	64.2	83.5	56 B		176 B	98.5	67.2	87.2	72.1	78.0	66.3		78.0	65.5			67.0
1912	78.7	68.0	60.4	57.9	47.1	98.5	74.3	67.7	79.9	54.9		162.8	85.5	69.8	86.1	71.1	98.4	78.1	l _	42.6	66.5	57.5	111.8	59.6
1913	85.0	72.8	68.9	57.1	47.0	85.4	65.3	64.8	91.8	61.1		147.9	79.0	69.0	85.8	69.0	86.4	59.5		8.08	70.8	79 4	122.4	78.9
1914	61.8	77.5	65.9	67.6	54.8	81.6	61.8	61.8	86.7	59 1	40.8	136.5	72.1	81.1	78.1	78.5	\$7.0	46.5	<b> </b>	58.5	69.2	82.2	83.8	57.8
1015	78.8	74.5	59.3	78.9	59.8	85.4	62.2	61.9	87.9	60.7	58.6	128.4	74.1	70.9	75.5	72.8	76.8	61.8		68.7	77.2	54.8	56.6	62.8
1918	90.9	80.5	81.1	94.9	78.0	88.5	77.8	71.0	101.5	68.1	92.3	128.4	119.9	111.7	112.8	102.9	100.7	88.0		126.4	188.7	72.4	90.0	70.5
1917	111.8			134.9	E. 801		100.4	95 3	122.6	86.8	152.7	130.7			140.0	151.8	133.4	121.2		90.0	154.1	81.9	107.5	78.9
1918	1			134.1	107.4			116.3		113.2		127.8						110.0	l —			120.7	126.3	128.3
1919	123.2		129 5			126.6								1		156.8		141.4				101.7		148.0
1920	101 - 5	97 3	101.9	84.2		110.4						118.1		180.4	128.1			104.9		127.7	86.8	85.1		108 6
1921	77.9	81.9	85.5	66.6		111. <b>4</b>	90.6			103.5		110.1	77.7	84.8	84.8	71.1	89.1	74.6	86.2	92.5	85.6	86.0		119.2
1922	81.2	81.4	84.4	92.3	93.0		104.2		102 1		109.1		85.1	84.4	99.2	78.0	95.3	,	120.5	68.6	86.8	80.1	104.6	
1023	82.8	82.6	70.9	98.0	93.9	1	103 .4		100.9			105.5	89.0	79.8	98.5	87.8		I .	155.8	97.8	89.3	8.08		108.6
1924	83.2	82.5	90.9	94.9	96.2	96.9	98.4		112.2		116.4			115.6	128.8		133 . 9	I .			107.9	91.0	100.8	
1925 1928	88.7			104. I	102.7					101.9			84.0	107.7	86.7	95.5	93.1		103.6			108.8	1	111.4
1926	90.8	1 '	112.3	94.7 101.9	97.0	100.7	98.0	97.6	-	101.6		100.9	76.3	96.5	78.7	89.6	88.4	82.8		102.9	85.9	87.5	1	79.0
1928		105.5		104.4	101.0	101.4	98.6 103.8	96 8 102 2	88 5 06 2	95.8	93.8	92.9	113.4	98.1	107.5	99.5	86.9	95.6	98.1	84.1		117.7	154.4	-
1929		112.9	91.2	89.8		100.7	91.2	92.4		102.7	99.8 67.6	90.6 87.2	91.8 80.8	87.0 85.7	98.2	101.1 91.2		109.8			115.9	97.8	93.0	86.0
1930	84.6	91.6	79.0	55.3	58.8	88.2	64.9	70.2	68.7	B5.2	47.8	74.5	57.2	58.0	85.8	78.1	74.5	108.5 78.4	58.5	78.7	124.1 75.9	97.9 91.3	167.5	45.1
1931	63.8	68.4	45.8	38.4	48.9	69.8	51.4	55.6	81.0	68.9	81.9	61.9	55.3	46.0	57.4	53.0	68.9	64.4	32.7	49.2	49.7	44.5	78.2	49.9
1032		50.7	85.0	27.1	87.7	59.1	41.4	45.1	56.0	87.6	28.6	59.6	31.9		47.5	42.2	47.5	45.7	35.8	40.9	46.7		131.7	1

<sup>\*</sup> For relatives of cotton prices for earlier years, see table 15.
† Dashes indicate data not available.

Sources of data:

Calculations by author based on data presented in table 41.

## ANNUAL RELATIVES OF THE FARM PRICES OF INDIVIDUAL PRODUCTS IN CALIFORNIA

The price relative of a product measures the percentage change in the price of that product from one time to another—from the base period to the particular time under consideration. An index number of prices, on the other hand, measures the average percentage change in the prices of

TABLE 15

ANNUAL RELATIVES OF ESTIMATED SEASONAL FARM PRICES, CALIFORNIA, 1910–1922
(1924–1928 = 100)

Year	Rice	Cotton	Sugar beets	Grapes	Peachos	Ponra	Apricota	Cherries	Rainina	Pruna	Walnuts	Almondo
1910	48.8	69.1	_t	42.3	87.0	77.1	51.7	61.0	92 5	105.8	68.2	67.7
1911	55.1	88.9		42.3	110.8	63.9	84.8	71.8	136.4	120.2	58 4	80 2
1919	68.1	64.9	_	42.3	53.8	62 0	50.0	60.6	104 4	86.4	58 4	54 1
1918	74.8	67.5		73.1	60.1	88.3	77.6	74.8	117.8	110.6	67.8	88.6
1914	74.8	36.5	_	50.0	47.5	75.2	63.8	84.2	123 9	110.8	59.9	83.6
1915	67 4	58.1	<sup>}</sup>	61.5	28.5	47.0	43.1	69.3	129.5	95.2	57.0	52 9
1916	68.4	103.8	71.8	80.8	66.5	101.5	79.3	84 2	180 9	125.0	55 1	82 6
- 1917	181.0	145.4	86.6	88.5	101 8	105.3	98.6	92.8	185 2	134.6	83 8	84 4
1918	143.2	155.7	113.8	169.2	129.7	138.1	94.8	106.4	197.0	197.3	119.7	115.6
1919	199.8	223.3	161.4	211.5	205.7	150.4	150.0	123 8	373.7	288 4	136.5	115 8
1920	90.8	155.7	149.5	330.8	218 4	189.8	139.7	-		211 5	94.8	84 4
1921	88 1	_	85.5	315.4	107.6	124 1	94.8	65.6	266 0	125.0	105.8	82.5
1922	82.3	_	115.5	238 5	161.9	108.4	131.0	128.7	107.7	144 2	95 8	89 2
1923	8.88		159.3	158.8	82.8	86.5	53.4		82 5		94.8	88.9
1924	124.2	-	104.1	130 8	118.9	139.1	87.9	78.0	101 0		107.8	36 2
1925	127 2		93.5	92.3			1					116 8
1926	99.0	_	105.4	103 8	126.5							28.8
1927	84.6	· —	105.7	107.7	75.0	1					- 1	98.4
1928	65.9	-	91.5	65.4	59.6	84.5	89.7		1			104 8
1929	78.6	-	82.9	123 I	198.2							133 5
1930	62.1	-	85.0	57.7								62.9
1931	41.9	_	84.2	100.0	47.5							48.5
1932	31.4	_	74.0	46.2		20.7	34 5		60.5	52 91		
1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930	90.8 80.1 82.3 83.8 124.2 127.2 98.0 84.6 65.9 78.6 62.1 41.9	155.7	149.5 85.5 115.6 159.7 104.1 93.5 105.4 105.7 91.5 82.9 85.0 84.2	330.8 316.4 238.5 153.8 130.8 92.3 103.9 107.7 65.4 123.1 57.7	218 4 107 6 161 9 82 8 118 9 112 9 126 6 75 9 69 6 196 2 63 3 47.5	189.8 124.1 109.4 86.5 129.1 99.5 69.5 107.1 84.5 48.9 56.4	139.7 94.8 131.0 83.4 87.9 105.3 119.0 98.3 89.7 119.0 65.5 42.1	138 6 65 6 128.7 121.8 73.9 108.9 117.6 102.7 97.8 121.3 91.6 49.5	441.1 266.0 107.7 82.8 101.0 127.9 106.1 92.6 72.4 112.8 97.6 114.5	211 5 125.0 144 2 116.4 106.8 115.4 98.2 78.9 106.8 182 7 62.53 48.13	94.8 105.8 95.8 94.8 507.8 96.2 115.9 76.2 109.0 77.0 87.2 65.0	8 8 8 8 8 11 9 10 13 6

<sup>\*</sup> For relatives of cotton prices for later years, see table 14.
† Dashes indicate data not available.

I Subject to revision.

Sources of data: Calculations by the author based on data presented in table 44.

a number of products from one time (the base period) to another. A comparison of the two measures, therefore, furnishes a basis for evaluating the changes in the price of one product in terms of an average change in the prices of many products.

In a period during which the prices of practically all products are rising or falling (i.e., the levels of prices are changing), it is very difficult to appraise the status of individual prices. The price of eggs, for example, may be much lower at a certain time than it was the preceding year or during some earlier period. Perhaps, however, other prices have fallen as well, so that the decline in egg prices represents no change in

the ratio of exchange between eggs and other products. The declines in other prices may even have exceeded the declines in egg prices, in which case eggs have actually risen in price relative to other products.

The price relatives of each of the products included in the California farm-price index reflect changes in the price of that product which are due either to factors underlying general price movements or to forces acting directly on the price of the product concerned (tables 14 and 15). In the year beginning July 1, 1910, for example, the farm price of beef cattle in California was approximately 75 per cent of the average for July, 1924 to June, 1929. In 1918–19, it was 27 per cent above the level for July, 1924 to June, 1929, largely because of the influence of war-time inflation on prices generally. High prices again in 1928 and 1929 resulted from a shortage in meat supplies and were not accompanied by high prices for other products. The recent decline in beef-cattle prices was due in part to increased meat supplies. The major influence has, however, been the decline in the general price level which has carried the farm prices of practically all products to lower than pre-war levels.

A series of charts designed to facilitate a comparison of recent changes in the prices of the more important farm products in California and comparable changes in the price index for all products has been prepared (figs. 9 to 20 inclusive). In each of these charts, the five-year period, July 1, 1924 to July 1, 1929, has been used as a base.

The products whose prices in 1931-32 and 1932-33 were relatively lower than the average of all products include hogs, lambs, milk fat, wheat, barley, rice, cotton, potatoes, oranges, peaches, pears, and apricots. In both years, the prices of beef cattle, veal calves, milk, eggs, chickens, lemons, raisins, and walnuts were relatively higher than the average, when the comparison is made with the corresponding prices between July, 1924 and July, 1929.

## ACKNOWLEDGMENTS

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Data furnished by the California Crop Reporting Service, the Bureau of Agricultural Economics of the United States Department of Agriculture, and the various publications of Professor E. C. Voorhies, Dr. S. W. Shear, Dr. H. R. Wellman, and E. W. Braun of the Giannini Foundation were most helpful.

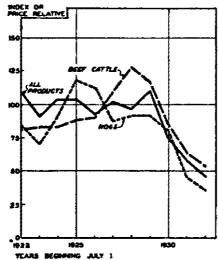


Fig. 9.—Price relatives of beef cattle and hogs and index numbers of farm prices of all products, California, years beginning July 1, 1922-1932. (July, 1924 to June, 1929 = 100.)

In 1931-32 and 1932-33 farm price of hogs was low as compared with all products. Beef cattle prices were relatively high. (Data: tables 14, 43.)

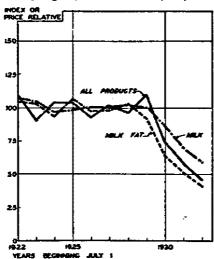


Fig. 11.—Price relatives of milk and milk fat and index numbers of farm prices of all products, California, years beginning July 1, 1922–1932. (July, 1924 to June, 1929 = 100.)

The farm price of milk fat has declined much more in the current depression than the price of milk. (Data: tables 14, 43.)

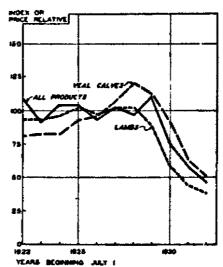


Fig. 10.—Price relatives of lambs and veal calves and index numbers of farm prices of all products, California, years beginning July 1, 1922-1932. (July, 1924 to June, 1929 = 100.)

Lamb prices have been lower and the prices of veal calves have been higher than the average of all products since 1928. (Data: tables 14, 43.)

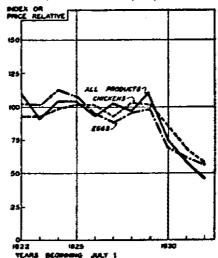


Fig. 12.—Price relatives of eggs and chickens and index numbers of farm prices of all products, California, years beginning July 1, 1922-1932. (July, 1924 to June, 1929 = 190.)

In both 1931-32 and 1932-33, chickens and eggs were higher in price than most other agricultural products in California. (Data: tables 14, 43.)

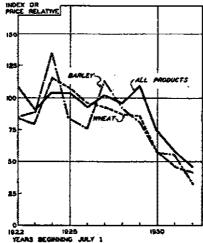


Fig. 13.—Price relatives of barley and wheat and index numbers of farm prices of all products, California, years beginning July 1, 1922—1932. (July, 1924 to June, 1929—100.)

The farm prices of barley and wheat in California have been low as compared with other farm prices during recent years. (Data: tables 14, 43.)

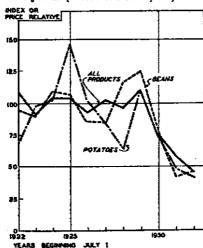


Fig. 15.—Price relatives of potatoes and beans and index numbers of farm prices of all products, California, years beginning July 1, 1922-1932. (July, 1924 to June, 1929 == 100.)

Potato prices were very high in California in 1925 and very low in 1928. Bean prices were relatively high in 1928 and 1929. (Data: tables 14, 43.)

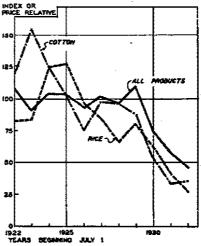


Fig. 14.—Price relatives of rice and cotton and index numbers of farm prices of all products, California, years beginning July 1, 1922–1932. (July, 1924 to June, 1929 = 100.)

In 1931-32, the farm price of cotton was one-third of the 1924-1928 average. Rice prices have also been low in recent years. (Data: tables 14, 15, 43.)

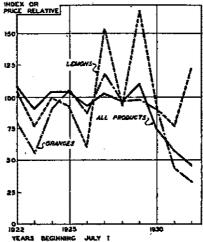


Fig. 16.—Price relatives of oranges and lemons and index numbers of farm prices of all products, California, years beginning July 1, 1922-1932. (July, 1924 to June, 1929 = 100.)

In recent years, the prices of lemons have been relatively higher than the prices of most other farm products, including oranges. (Data: tables 14, 43.)

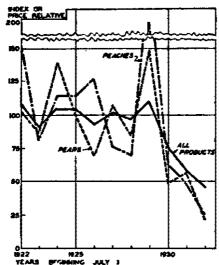


Fig. 17.—Price relatives of peaches and pears and index numbers of farm prices of all products, California, years beginning July 1, 1922–1932. (July, 1924 to June, 1929 = 100.)

The prices of peaches and pears were very high in 1929. Since then they have been below the average for all farm products. (Data: tables 15, 43.)

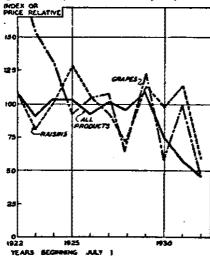


Fig. 19.—Price relatives of grapes and raisins and index numbers of farm prices of all products, California, years beginning July 1, 1922-1932. (July, 1924 to June, 1929 = 100.)

In recent years raisins have been relatively higher in price than grapes, partly because raisins were very low in the base period. (Data: tables 15, 43.)

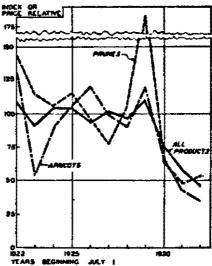


Fig. 18.—Price relatives of prunes and apricots and index numbers of farm prices of all products, California, years beginning July 1, 1922-1932. (July, 1924 to June, 1929 = 100.)

Since 1930, apricots have been relatively lower in price than most farm products. Prune prices were low in 1930 and 1931. (Data: tables 15, 43.)

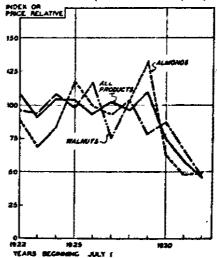


Fig. 20.—Price relatives of walnuts and almonds and index numbers of farm prices of all products, California, years beginning July 1, 1922–1932. (July, 1924 to June, 1929 = 100.)

The prices of almonds and wainuts have declined in recent years with declines in the general level of prices. (Data: tables 15, 43.)

## APPENDIX A

## SOURCES OF PRICE DATA

The prices of beef cattle, veal calves, hogs, sheep, lambs, milk (whole-sale), milk fat (since 1929), butter, eggs, chickens, wool (unwashed), horses, wheat, barley, oats, corn, hay (loose), alfalfa hay (since 1915), cotton (since 1921), potatoes, beans (dry), oranges (since 1912), lemons (since 1912), and apples are based on the monthly prices received by producers at local farm markets in California as reported by the Division of Crop and Livestock Estimates of the United States Department of Agriculture.

Prior to September, 1923, milk prices were quoted in "cents per gallon." Since that date they have been quoted in "dollars per 100 pounds." The earlier quotations were converted to the later basis by multiplying by 9.0. This conversion factor was obtained by comparing the prices quoted on each basis with the series of prices paid to producers at country points for standard milk in the Pacific Coast states, as given in table 55 of Bulletin 514.22 The use of the conversion factor 11.6, the approximate number of gallons in 100 pounds of milk, resulted in a series of prices which were higher than other available sources of information indicated. Moreover, the results indicated a sharp drop in milk prices at the time the shift was made in the units in which prices were quoted. No evidence could be found which supported an assumption that milk prices actually underwent a rapid change at that time. Furthermore, it is probable that milk prices quoted in small units are relatively higher than quotations in units nearly twelve times as large, owing to the influence of reports received from producers of small quantities who sell their product at approximate retail prices.

A series of monthly milk-fat prices in cents per pound for churning cream, as published in table 43 of Bulletin 514, was used to supplement the milk-fat price series for the period prior to December, 1929.

A series of the monthly prices received by producers at Modesto, California, for alfalfa was used for the years 1910 to 1914, inclusive. These prices were obtained from table 13 of Bulletin 521.<sup>23</sup>

A series of December 1 farm prices of cotton in California was used for the years prior to 1921. These prices were collected by the Division of Crop and Livestock Estimates of the United States Department of Agriculture.<sup>24</sup>

<sup>22</sup> Voorhies, E. C. Dairy products. California Agr. Exp. Sta. Bul. 514:104, 1931.

<sup>23</sup> Braun, E. W. Alfalfa, California Agr. Exp. Sta. Bul, 521:33, 1931,

<sup>24</sup> U. S. Dept. Agr. Bur. Agr. Econ. Prices of farm products received by producers. 4. Mountain and Pacific states. U. S. Dept. Agr. Statis. Bul. 17:148, 1927.

The prices of rice and of sugar beets are also the December 1 farm prices, as published by the Division of Crop and Livestock Estimates. Although these prices are issued as of December 1, they are sufficiently representative, for index-number purposes, of a season's average price to producers.

The prices of grapes, peaches, pears, apricots, cherries, raisins, prunes, walnuts, and almonds were compiled by the author from other available sources of information. Each price is intended to represent an average of the prices received by producers for the product throughout the marketing season. A summary of the sources of the data for each of these products follows:

Grapes: Grape prices represent, so far as can be determined from available sources of information, the average prices received by growers in California for all grapes marketed fresh.

Prices for the years 1910 to 1922, inclusive, were obtained by weighting a series of table-grape prices and a series of wine-grape prices with the estimated commercial production of these two types of grapes, as given in table 4 of Bulletin 429.25 The series of table-grape prices was obtained by estimating the net price per ton received by growers for equal proportions of the Malaga and Tokay varieties sold on the eastern delivered auction markets. The gross auction prices were obtained from table 18 of Bulletin 429, Deductions for freight, refrigeration, packing, and loading charges were made in estimating the net prices received by growers. Wine-grape prices, for the years 1910 to 1917, inclusive, are estimates based on unpublished data compiled by S. W. Shear, An estimate of wine-grape prices in 1918 is based on estimates made by the State Board of Viticultural Commissioners and by the California Crop Reporting Service. The estimate for 1919 is based on data compiled by R. L. Nougaret28 and on the estimate made by the California Crop Reporting Service. The estimates of wine-grape prices for the years 1920-1923, inclusive, are the estimates of the farm value per ton of wine grapes made by the California Crop Reporting Service.

From 1923 to 1931, the prices for all grapes marketed fresh represent estimates of the net price per ton received by growers for seven important varieties (Malaga, Tokay, Alicante Bouschet, Carignane, Zinfandel, Thompson Seedless, and Muscat) sold on the eastern delivered auction markets. The price for each variety was weighted with the quantity of that variety sold on these markets. The gross auction prices were ob-

<sup>25</sup> Shear, S. W., and H. F. Gould. Economic status of the grape industry. California Agr. Exp. Sta. Bul. 429:30, 1927.

<sup>&</sup>lt;sup>28</sup> Nougaret, B. L. Status of California grape industry. California State Dept. Agr. Spec. Pub. 28:11-12. 1922.

tained from mimeographed annual summaries of the marketing seasons published by the Federal-State Market News Service. Deductions for freight, refrigeration, packing, and loading charges were made in estimating the net prices received by growers.

The prices for 1932 and 1933 were estimated by the author.

Peaches: Peach prices represent a weighted average of the prices paid by canners for peaches and of estimated prices received by growers for peaches marketed in dried form. The prices of canning peaches for the years 1910 to 1925, inclusive, are the prices of clingstones, and of freestone canning peaches given in table 26 of Ext. Cir. 1,27 weighted with the relative production of each as given in table 17 of the same publication. The prices of canning peaches since 1925 are canning clingstone-peach prices obtained from unpublished data compiled by H. R. Wellman. The prices of peaches marketed in dried form are estimates made by the author based on the dried-peach prices presented in table 26 of Ext. Cir. 1, on the dried-peach-price quotations of packers as published in the California Fruit News, and on unpublished data compiled by H. R. Wellman. The weights used in combining the canning-peach prices with the prices of peaches sold in dried form were obtained from table 19 of Ext. Cir. 1. They represent the relative proportions of canned and dried peaches produced annually, expressed in equivalent fresh tons. Comparable data were obtained for later years from unpublished data compiled by H. R. Wellman.

Pears: Pear prices represent a weighted average of the approximate average price per ton paid by canners for Bartlett pears in California as given in table 24 of Bulletin 45238 and of the estimated price per tonreceived for Bartlett pears marketed in fresh form based on eastern delivered auction prices as given in table 6 of the same publication. Approximate deductions for freight, refrigeration, packing, and loading charges were made in estimating the prices received by growers for fresh Bartletts. The weights used in combining the two price series represent the relative proportions of Bartlett pears sold to canners and of those shipped fresh out of the state. These proportions are based on data given in table 31 of Bulletin 452. The weight assigned to fresh Bartlett-pear prices was obtained by subtracting the fresh equivalent of dried and canned output from 89 per cent of the total commercial production the approximate commercial production of the Bartlett variety. Data for later years were obtained from unpublished data compiled by S. W. Shear.

<sup>27</sup> Wellman, H. R. Peaches. California Agr. Ext. Ser. Cir. 1:62, 1926.

<sup>&</sup>lt;sup>22</sup> Shear, S. W. Economic aspects of the pear industry. California Agr. Exp. Sta. Bul. 452:90, 1928.

Apricots: Apricot prices represent a weighted average of the prices paid by canners for apricots and of the estimated prices received by growers for apricots marketed in dried form. The prices of canning apricots were obtained from table 13 of Bulletin 423. The prices of apricots marketed in dried form are estimates made by the author based on the series of dried-apricot prices given in table 13 of Bulletin 423, on the dried-apricot price quotations of packers as published in the California Fruit News, and on unpublished data compiled by H. R. Wellman. The weights used in combining the two price series were obtained from table 11 of the same publication. They represent the relative proportions of canned and dried apricots produced annually, expressed in equivalent fresh tons. Comparable data for later years were obtained from unpublished data compiled by H. R. Wellman.

Cherries: Cherry prices represent the average prices paid to growers for canning cherries (Royal Ann) as published in table 17 of Bulletin 488. \*\* Prices for the years since 1929 were obtained from unpublished data compiled by H. R. Wellman.

Raisins: For the years 1910 to 1924, inclusive, raisin prices represent the weighted average prices paid to growers for the Muscat, Thompson Seedless, and Sultana varieties of raisins in the sweat box, as given in table 21 of Bulletin 429.<sup>31</sup> Since 1924, the prices are weighted averages of the prices of Thompson Seedless and Muscat raisins and were obtained from unpublished data compiled by S. W. Shear.

Prunes: Prune prices represent, so far as can be determined from available sources of information, the approximate average prices received by growers in California for prunes. Estimates of these prices were made by the author, with the generous assistance of S. W. Shear. These estimates are based on the quotations of packers as published in the California Fruit News, on the estimates of the farm value of prunes made by the California Crop Reporting Service, and on unpublished data compiled by S. W. Shear from a number of confidential sources. Although admittedly only rough approximations, owing to the wide variation in the prices obtained from different sources of information, the series of prices used in the index are considered sufficiently reliable for index-number purposes.

Walnuts: Walnut prices represent estimates of the prices received by growers for walnuts during each marketing season. Since 1922, these

<sup>29</sup> Wellman, H. R. Apricots. California Agr. Exp Sts. Bul. 423:41, 1927.

<sup>30</sup> Wellman, H. R., and E. W. Braun. Cherries. California Agr. Exp. Sta. Bul. 488: 38. 1930.

<sup>&</sup>lt;sup>81</sup> Shear, S. W., and H. F. Gould. Economic status of the grape industry. California Agr. Exp. Sta. Bul. 429:105. 1927.

estimates are based on average prices paid local associations by the California Walnut Growers Association. These returns made to local associations were obtained from unpublished data compiled by H. R. Wellman. In estimating prices received by growers, deductions were made from these prices to cover the operating expenses of the local associations. Prior to 1922, the most satisfactory basis which could be found for estimating the prices received by growers for walnuts was the series of opening prices of California No. 1 Soft-Shell walnuts published in table 14 of Bulletin 475. In recent years the returns made to local associations have amounted to around 5.5 per cent less than the opening price (see table 15 of above publication). By deducting this percentage from the opening prices for the years prior to 1922 and making additional deductions for the operating expenses of local associations, estimates were obtained of the prices received by growers for walnuts which are approximately comparable with the prices for later years.

Almonds: Almond prices represent the average prices paid California growers for important varieties of almonds. Since 1921, the prices are weighted averages of the prices paid growers for six varieties (Nonpareil, I X L, Ne Plus Ultra, Peerless, Drake, and Texas) and were obtained from unpublished data compiled by H. R. Wellman. Prior to 1921, the price series is based on the average prices paid to growers for four varieties of almonds (Nonpareil, I X L, Ne Plus Ultra, and Drake), as given in table 8 of Bulletin 453.\*\* In order to make this series of prices approximately comparable with the data for later years, an adjustment was made, based on the relation between the two price series in the years for which both were available.

<sup>&</sup>lt;sup>32</sup> Erdman, H. E., and W. U. Fuhriman. Walnut supply and price situation. California Agr. Exp. Sta. Bul. 475:46. 1929.

<sup>33</sup> Wellman, H. R., and E. W. Braun. Almonds. California Agr. Exp. Sta. Bul. 453:31, 1928.

## APPENDIX B

SUPPLEMENTARY TABLES

TABLE 16 MONTHLY FARM PRICES OF BEEF CAPTLE, CALIFORNIA, 1910-1938 (Dollars per 100 pounds)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oet.	Nov.	Dec
1910	5.30	5 30	8.80	\$ 70	5.30	6 00	6 90	\$.00	# 00	6 00	\$ 00	0.0
1911	6 20	5.90	5.90	6.10	<b>5.50</b>	5 40	5. <b>3</b> 0	4 90	4.50	8 30	3 30	8 1
1912	5 26	8.40	8.00	8.40	8.70	5.50	¥ 50	5.90	5 50	5 66	8 70	<b>\$</b> 1
1913	6 80	6.50	6 70	5 50	6.60	8.60	6.80	6 70	\$ 40	5 50	6 50	
1914	6.70	6.90	6 80	8.80	6.60	8.80	6 50	6 40	4 50	6 50	6 40	5 (
1915	6.40	6.40	5 80	8 40	6 00	5 00	6.10	6 10	8 90	5 80	8 90	
1916	6 00	6.10	6.80	6.50	6.40	6.40	\$ 40	8 30	6 10	6 90	8 IO	5
1917	7.20	7.50	8.10	8.50	8 40	7.90	8.30	7.70	6 80	# 90	8 30	7 1
1918	8.30	Ø. 80	9.30	9.80	19.10	9.50	9 40	9.30	6-00	9 10	9 10	9
1919	10 00	10.90	10.90	10.80	11.05	9.70	9.70	9 30	9 00	₽ 00	8 90	*
1920	10 10	10.70	10.45	10.20	9 90	8.70	8.80	8 80	8 80	<b>6 30</b>	<b>8 30</b>	
1921	8.30	8.10	7.50	7.20	6.70	6.59	6 00	5.90	8 80	å 50	<b>8</b> 50	₫.
1922	5.80	5.20	6.70	6.90	7.00	6 50	6.30	5 20	<b>6 20</b>	6 20	6 30	
1928	7.10	8.60	5.40	6.30	5.10	6 00	5.70	8.00	5 90	8.10	8 10	8
1924	6 50	7.00	7 50	7 18	5.90	8 50	6 20	6 00	6 00	5 90	5 80	8
1925	6.80	8.80	6.70	7 20	7.10	7.50	6.90	6.50	8.70	8 50	# 60	
1926	7.40	7.80	7.80	7.30	7.20	6 50	6 50	6 60	8 70	8 90	8.70	7
1927	7.20	7.50	7.40	7.50	7.30	7.20	6.90	7.80	7.30	7.70	7 60	
1928	9.80	9.50	9.80	9.50	9.20	9.10	£ 00	9.30	10 80	10 90	10 80	9 1
1929	10 10	9.50	9.70	9.80	9.60	9.40	9 30	9 60	9 40	9 80	9 00	8
1930	9.00	9.10	9 00	9 10	8.50	8 50	8 60	7 00	6.70	5 50	5 80	6
1931	7.10	6.90	6.40	6.30	8.70	5.30	£ 80	8 SO	5 20	\$ 90	8 OC	
1932	4.90	4.90	4.70	5.00	4.80	4.48	4 50	4.60	4.50	4.10	4.18	4
1933	3.50	8.70	3.90	4.20	4.40	4 25	4.35	4.35	4.00	1.50	3.85	

TABLE 17 MONTHLY FARM PRICES OF VEAL CALVES, CALIFORNIA, 1910-1933 (Dollars per 100 pounds)

De	Nov.	Oct.	Sept.	Aug.	July	June	May	April	Mar.	Feb.	Jan.	Year
0.1	5 20	6.70	5.50	5.90	6.10	7.00	5.30	6.80	6.00	5.60	5.10	1910
6 (	6 30	5.20	5.90	5.90	5 50	6.40	7.30	7 30	8.50	6.30	7.00	1911
6.1	6 40	6.40	6 30	7.20	8.10	6.20	6.20	6.60	6.60	6.80	5.00	1912
7 (	7.10	7.00	7.00	7.20	6.60	7.30	7.20	7.20	7.00	7.00	5.90	1913
8 .	7.70	7.90	8 40	7.70	7.30	7.80	7.40	7.40	7.60	7.60	7.30	1914
7 1	7.30	7.30	7.20	7.60	7.50	7.60	7.50	7.80	7.70	7.70	7.90	1915
8 2	7.70	7 40	7.50	7.50	7.50	7.50	7.50	7.70	7.50	7:40	7.60	1916
9 (	8 70	8.50	9.00	8.60	8.40	8.50	8.40	9.86	5.50	8.70	8.00	1917
10 1	10.40	9 80	11.10	10.70	9.50	10.00	10.00	10.10	10.00	8.50	8.50	1918
1) 1	10.60	11.50	11.80	12 00	11.90	11.40	11.43	11.70	11 00	10.80	10.50	1919
10 €	10.20	10.20	to 20	10.20	10.90	10.70	11.70	12.00	12.00	12.60	11.00	1920
7.7	7.70	8.00	8.30	8.40	8.50	9.00	8.50	9.20	9.20	9.50	10.00	1921
8 4	\$.00	8 10	\$ 00	8 00	7.90	8.00	8.50	8.80	8.60	8.20	7.80	1922
7 9	<b>8</b> .10	6.50	8 00	8.80	8.50	8 10	8.30	8 50	6.40	8.50	8 10	1923
7.8	7.50	7 60	7.50	7.50	7.40	7.50	8.20	8.50	8.80	8.40	8.50	1924
8.9	8 80	9 20	9.00	9.50	9.40	9.50	9.20	9.10	9.20	8.50	8.30	1925
9 4	# 30	9 10	9 50	9.80	9.10	9.70	9.70	10.00	9.50	9.70	9.70	1926
10.5	10.30	10.30	10 00	9,90	9.50	9.50	10.20	10.30	10.10	9.80	9.70	1927
11 9	12.10	12.20	12 00	11.80	11.50	11.30	11 30	11.40	10.80	11.10	11.10	1928
11.8	11.50	11.70	11.90	11.50	11.40	11.50	11.70	12 00	12.60	12.10	12.10	1929
9.7	9.30	9 80	9 70	10.10	10.40	10.40	10.40	11.50	11.30	11.40	11.30	1930
8 2	4 30	6.70	6.50	7.00	6.90	6.90	7.70	8.40	9.10	9.50	9.90	1931
4 5	1 00	å 10	\$.20	5.50	5.40	5.50	5.80	6.40	6 30	6.20	6.20	1932
6.2	5.40	1.10	5.20	\$.10	ð 10	5.10	4.80	5.00	5.IO	4.90	1 0.00	****

Sources of data for tables 18 and 17:
1910-1925; U. S. Dept. Agr. Bur. Agr. Econ. Prices of farm products received by products. 4.
Mountain and Pacific states. U. S. Dept. Agr. Statis. Bul. 17: 144, 1927.
1928-1933; U. S. Dept. Agr. Crops and Markets, monthly issues.

TABLE 18 MONTHLY FARM PRICES OF HOGS, CALIFORNIA, 1910-1933 (Dollars per 100 pounds)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oot.	Nov.	Dec
1010	7.20	8.20	8.50	9.36	8.70	8.70	8.66	8.40	8.80	8.70	8.40	7.6
1911	7.70	7.70	7.80	7.70	7.00	6.50	8.40	6.50	6.80	6.50	6.00	5.9
1912	5.80	6.20	8.20	8.50	6.50	6,50	6.60	6.70	6.60	6.60	6.60	6.0
1913	6.40	6.70	6.90	7.20	7.30	7.00	6.90	7.20	7:50	7.70	8.00	7.8
1914	7.80	7.80	8.60	8.00	7.90	8.00	8.00	8.20	8.80	7.90	7.10	7.0
1915	7.00	6.90	6.80	6.90	6.90	7.00	7.00	7.00	6.60	6.10	6.10	5.9
1916	5.70	8.10	6.90	7.60	7.40	7.30	7.00	7.30	7.40	7.40	7.60	7.9
1917	8.10	8.80	10.40	12.10	12.50	12.70	12.30	12.70	14.00	14.40	14.20	14.4
1918	14.20	14.20	14.30	14.60	14.90	14.80	15.00	16.10	15.50	16.20	15.60	14.8
1919	15.40	14.80	15.00	16.00	16.60	16.40	17.00	17.70	15.60	13.50	I3.20	14.0
1920	13.80	18.75	13.50	14.10	14.10	13.60	14.00	14.10	14.00	14.00	13.10	10.5
1931	10.20	10.00	10.00	10.00	8.50	8.50	9.20	10.50	10.20	9, 40	P.40	8.0
1922	8.20	9.00	10.40	10.20	10.80	10.20	10.50	11.00	10.30	10.00	10.00	9.4
1923	9.80	9.00	8.70	8.60	8.40	8.30	8.30	8.30	8.70	8.60	8.60	7.5
1934	8.00	7.70	7.50	7.50	7.40	7.20	7.00	8.70	9.00	9.50	9.50	9.4
1925	10.00	10.60	12.30	12.70	12.10	11.40	12.90	13.80	13.70	13.70	18.10	12.7
1926	12.20	12.70	13 20	18.60	13.00	13.80	14.50	14.40	13.80	13.90	18.50	12.0
1927	11.80	11.70	12.00	11.90	11.10	10.30	10.00	10.80	11.10	11.10	10.60	9.9
1928	9.40	8.90	8.70	8.50	9.10	9.10	9.70	10.70	11.70	10.70	10.20	9.0
1920	9.40	9.30	10.60	10.80	10.60	10.50	10.50	11.20	10.80	10.60	10.10	9.6
1930	9.80	10.10	10 20	10.10	9.80	10.10	10.00	9.80	10.30	10.20	9.80	9.1
1931	8.00	8.30	7.90	8.10	7.80	6.40	7.10	7.80	6.60	5.50	5.20	5.0
1932	4.60	4.40	- 4.40	4.40	8.70	3.40	4.40	4.50	4.20	3.95	8.75	3.5
1988	3.30	8.35	3.70	8.75	4.05	4.55	4.55	4.75	4.60	4.70	4.50	3.7

TABLE 19 MONTHLY FARM PRICES OF SHEEP, CALIFORNIA, 1910-1933 (Dollars per 100 pounds)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	4.80	4.60	6.40	4.80	5.00	5.60	5.50	5.30	5.70	5.60	4.60	4.70
1911	5.20	5.20	8.30	5.90	5.50	4.80	4.40	4.10	5.20	4.10	3.70	4.38
1912	3.80	4.20	4.50	4.60	4.70	4.50	4.20	4.60	4.60	4.20	4.60	4.80
1913	4.40	4.90	5.10	5.80	4.80	4.80	4.40	4.00	4.30	4.50	4.40	4.70
1014	4.70	4.90	4.90	5.00	4.90	4.80	4.90	5.10	5.00	5.10	5.20	5.60
1915	\$.50	\$.70	5.90	6.00	5.70	5.90	6.00	5.70	5.60	5.60	5.50	5.70
1916	5.80	B 10	6.10	6.60	6.40	6.60	6.50	8.30	6.80	6.50	6.50	6.70
1917	7.20	8.10	8.70	10.00	9.70	9.50	10 10	9.70	10.10	10.40	10.70	10.30
1918	10.90	10.80	11.90	12.00	12.30	11.80	10.90	11.00	11.20	11.00	11.50	11.00
1919	10.90	10.20	10.80	11.00	10.80	10.00	9.40	9.40	9.50	9.00	9.80	8.90
1920	10.30	10.80	10.40	10.80	9 80	8.80	8.00	7.70	7.50	7.20	7.00	7.00
1921	7.00	7.00	6.70	8.50	ō.20	5.00	4.80	4.50	4.50	4.50	4.20	4.20
1922	4.50	5.50	7.20	7.60	6.90	6.30	6.40	7.00	7.00	7.00	7.10	7.20
1928	7.80	8.40	9.00	8 00	7.70	7.00	7.20	7.70	7.50	0.90	6.80	7.50
1924	7.90	8.00	8.80	5.00	7.50	7.00	6.50	6.60	6.90	6.50	7.20	6.90
1925	7.80	8.60	10.20	9.20	7.60	7.90	7.70	7.40	7.70	8.10	9.00	9.10
1926	9.40	9.10	8.90	8.10	8.70	8.00	7.50	7.40	7.50	7.50	7.20	7.30
1927	7.60	7.50	7.80	8.60	8.60	7.50	7.20	7.40	8.10	8.00	8.40	8.20
1928	8.50	8.00	9.00	P.00	8.40	8.66	8.10	7.80	8.00	8.60	8.30	7.80
1929	8.10	8.70	9.70	9.60	8.80	7.60	7.40	8.00	8.30	7.90	7.60	7.30
1990	7.60	7.20	7.50	7.30	5.40	5.40	8.30	4.70	5.00	4.30	5.00	4.80
1931	4.60	4.50	4.50	3.80	3.70	3.60	8.40	3.10	3.10	8.00	8.10	3.10
1932	8.20	3.40	3.40	3.90	3.00	2.50	2.00	2.40	2.20	1.80	2 35	2.20
1933	2.35	2.35	2.20	2.10	2.25	2.10	2.50	2.50	8.05	2.60	2.50	2.80

Sources of data for tables 18 and 19:
1910-1925; U. S. Dept. Agr. Bur. Agr. Econ. Prices of farm products received by producers. 4:
Mountain and Pacific states. U. S. Dept. Agr. Statis. Bul. 17: 145-146, 1927.
1926-1933; U. S. Dept. Agr. Crops and Markets, monthly issues.

TABLE 20 MONTHLY FARM PRICES OF LAMBS, CALIFORNIA, 1910-1933 (Dollars per 100 pounds)

Year	Jan.	Feb.	Mar.	Aprli	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	8 10	5.80	6 50	6 00	\$ 70	6 80	6 80	6 10	6 50	6 79	å 30	\$ 10
1911	5.00	6.00	6.10	6 50	7 00	6 IO	\$ 30	5 10	5 80	4 80	4 80	4 90
1912	4.60	5 20	8 20	5 70	5 50	8 00	\$ 20	5 90	8 60	4 90	\$ 10	\$ 50
1918	5.40	5.90	6 50	6 90	5 90	8 50	\$ 00	4 90	9 10	8 00	5 30	\$ 80
1914	5 90	6.10	6 80	8.40	6.00	8.50	6 20	\$ 90	6 00	# 00	8 to	8 50
1915	6.70	6.50	7.00	7.00	7 00	6 90	7 00	5 80	6 90	6 40	8 80	6 80
1916	6 80	6.90	7.20	8.10	7.79	7 60	7 90	7 60	7 80	7 80	7.50	7 60
1917	8.60	9.10	11.00	11.90	11.20	11 10	11.70	11 80	11 50	11 90	13 30	13 40
1918	12.70	12.80	<b>[4] 10</b>	14.30	14 50	14 50	<b>#2 90</b>	13 20	12 60	13 00	18 00	12 50
1919	12.50	12 40	13 00	12 95	12 80	12 10	11.60	12 00	11 40	11 30	10 50	11 30
1920	12.10	18.00	12 76	14 00	12 50	10 70	10 20	9 80	9 00	9 00	9 00	9 00
1921	10.00	16 00	9.00	8.50	7.00	7.00	6 90	8 90	6 50	8 70	8 70	8.70
1922	7.00	8.50	10 30	11 50	11 00	9 30	9 40	19 70	18 00	10 50	11 00	11 50
1928	11.80	12.60	13.70	11.50	11 00	11 10	10.80	10 80	11 00	10 80	10 80	ÉI JO
1924	11.00	11.90	12 20	11.50	11.00	10 50	10 00	9 80	9 50	10 00	18 80	11 40
1925	12.80	13 50	14.10	13 00	11.90	11 60	11.80	11 70	11 80	12 40	19 70	12 90
1926	18.60	12.80	12 40	12.00	11.60	11.50	12 00	11.80	11 80	11 80	33 40	11 50
1927	19.90	11.10	11.70	12 50	12 00	11.80	11 60	11 80	11.40	11 80	11 40	11 90
1928	12 20	12.30	18.00	18 50	18.10	12 50	12.30	11.70	11 90	11 70	11 90	11 50
1929	11 90	12.50	13.50	14.00	12.70	12 00	11.60	10 20	11 20	11.30	18 90	10 70
1930	11.30	11.40	11.90	10 30	8.30	7 90	7.80	7 40	7.30	6 90	8 90	6 70
1931	6.60	6.80	7.80	7.20	6.50	6.20	5.90	8.80	8 50	8 10	5 20	4 90
1932	5.20	5.20	6.00	5.50	4.70	4.20	4.10	4 20	4 10	4 45	4 15	4 40
1933	4.40	4.85	8.80	4.85	4.45	8.00	5.80	5.50	5.50	5.50	8.60	8 40

TABLE 21 MONTHLY FARM PRICES OF MILE (WHOLESALE), CALIFORNIA, 1910-1938\* (Dollars per 100 pounds)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oet.	Nov.	Dec
1910	2.79	2.84	1.98	1.98	9.851	2.70	2.97	9 70	2.52	2.70	2 61	3.4
1911	2.79	1.80	2 25	2 52	2.52	2.70	3.15	2.52	3.97	3 43	2 70	7 1
1912	2.61	2.70	3.15	2.86	2.52	3.06	2.88	2.70	2 53	2.70	9 661	2 (
1913	2.70	2.07	9.34	2.52	2.34	2 34	1.98	3.43	2.52	9.61	2.15	3 1
1914	2.11	2.07	2.07	2.07	2.07	2 21	2 16	2.30	2.34	2.21	# 80	2.2
1915	2.16	2.07	2.07	1.89	1.89	1 28	2.07	3.43	2 84	2.34	2 35	2 2
1916	2.07	2.07	2.07	2.25	2.25	3.43	2.25	2.16	2 34	2.07	2 34	2.1
1917	2.16	7.52	1.34	2.34	2.70	2.34	2.43	3 61	3.70	2 79	2 79	21
1918	2.79	8.38	3.08	2.97	2.79	2.88	2.79	2.70	2 68	2.97	3.15	
1919	3.06	2.97	3.33	2.97	2.97	3.06	3.16	3.06	1 97	3.25	3.33	3.4
1920	8.60	8.33	3.42	8.24	3.51	3.60	3.59	8.67	3 60	3 42	2 42	3 2
1921	2.79	2.70	2.70	2.70	2.70	2 70	2 61	2.70	2.97	3 15	3 15	3
1922	2.97	2.97	3.06	3.79	2.70	2.88	2 88	3.70	2 70	2 55	2.79	2 1
1923	2.701	2.70	2.79	2.79	2.88	3.06	2 97	2.88	2.821	3 821	3.68	2.4
1924	2.80	2.86	2.02	2.60	2.50	2.40	2.501	2.50	3 40	3.50	2.48	3 4
1925	2.40	2 50	2 97	2.38	2,74	2.45	2.22	2 40	2 84	2 96	3 95	3 (
1926	2.57	2.44	2.74	2.32	2.63	2 06	2 72	2.71	2 58	2 58	2 20	3 1
1927	2.70	2.50	2.70	2.70	2.50	2.60	2.50	2.60	2.50	2 80	2 80	2 7
1928	2 80	2.70	2.60	2.50	2.60	2 60	2.35	2 60	2.75	2.75	2 50	3.7
1929	3.65	2.65	3.70	2.65	2 50	2 88	2 60	2 80	2 50	1.75	3 80	3.6
1980	2 65	2 65	2.65	2.45	2.55	2.55	2.35	2.40	2 45	2 30	2 40	3.4
1931	2.30	2.30	2.15	2.08	2 06	1 95	1.50	2.05	2 06	2 00	2.00	2 6
1932	1.85	1.80	1.60	1.85	1.50	1.40	I 66	1.66	1 66	1 56	1.45	1 7
1933	1.70	1.55	1.50	1.25	1.35	1.35	1.50	1.60	1.60	1.66	1 50	1 8

<sup>\*</sup> Prices prior to September, 1923, were converted from gallon basis to 100 pound basis by multiplying by 9.0 (see discussion in text). Prices for 1914 were estimated by the author. finterpolated.

Sources of data for tables 20 and 21;
1910-1925; U. S. Dept. Agr. Bur. Agr. Econ. Prices of farm products received by producers. 4.
Mountain and Pacific states. U. S. Dept. Agr. Statis. Bul. 17: 145-146. 1927.
Table 20: 1928-1933; U. S. Dept. Agr. Crops and Markets, monthly issues.
Table 21: 1928-1933; Unpublished data obtained from the U. S. Dept. Agr.

TABLE 22 MONTHLY FARM PRICES OF MILE FAT, CALIFORNIA, 1910-1933 (Cents per pound)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
1910	38.1	36.5	32.3	29.5	30.8	32.2	34.4	36.3	36.5	38.8	39.5	38.
1911	38.8	34.3	28.3	24.5	25.5	25.2	25.3	28.0	29.5	33.8	85.š	38.
1912	41.0	39.0	35.0	29.9	29.0	31.8	32.5	36.5	38.7	40.0	40.5	89.
1913	41.5	41.0	41.0	33.0	31.3	81.0	33.9	36.5	39.5	37.2	37.8	85.
1914	38.5	80.0	26.4	26.3	28.0	28.5	28.5	31.3	83.5	34.9	37.5	88.
1916	\$1.8	31.3	27.0	28.0	27.1	29.0	30.0	31.0	31.0	31.0	32.0	81.
1916	32.8	34.5	31.8	80.8	28.9	29.0	29.9	30.9	35.3	38.0	40.0	39.
1917	42.7	43.0	40.0	42.5	41.8	42.1	45.8	49.8	51.1	53.1	49.8	53.
1918	57.0	55.0	52.0	43.5	45.0	49.0	56.0	57.3	64.8	69.8	67.1	71.
1919	65.8	60.0	86.0	62.9	65.8	65.7	64.0	65.0	72.0	74.0	75.1	75.
1926	78.4	72.0	59.3	65.3	62.0	63.8	69.0	71.0	75.9	67.5	63.8	58.
1921	50.0	54.0	48.2	39.1	35.9	38.6	45.5	49.3	50.2	53.5	54.0	48.
1923	42.0	45.0	88.4	36.5	40.0	43 5	47.0	46.0	54.0	57.2	54.0	56.
1923	\$8.9	58.6	50.0	48.9	50.5	58.0	50.0	54.G	56.8	57.0	58.0	57.
1924	58.8	54.7	52.0	41.7	40.5	44.5	44.2	45.7	44.0	44.8	44.0	48.
1925	49.5	49.8	49.0	45.8	48.7	51.5	54.4	57.0	59.5	63.5	64.0	56.
1926	49.0	51.0	47.4	46.8	46.0	46.0	45.7	48.2	49.0	49.8	49.8	51.
1927	52.5	52.8	50.0	47.7	48.5	48.0	48.0	47.8	51.6	53.7	68.7	53.
1928	\$1.5	49.2	47.4	44.2	46.3	47.7	50.5	53.0	55.7	56.5	54.6	55.
1929	50.9	52.2	49.4	47.7	50.0	49.8	50.1	51.3	54.4	54.0	53.5	45.
1930	40.0	41.0	41.0	42.0	40.0	37.0	37.0	38.0	89.0	41.6	38.0	36.
1931	27 U	28.0	30.0	25.0	26.0	25.0	25.0	28.0	80.0	32.0	32.0	81.
1982	26.0	24.0	25.0	20.0	19.0	19.0	18.0	20.0	20.0	22.0	22.0	27.
1933	29.0	18.0	19.0	19.0	22.0	23.0	26.0	23.0	23.0	23.0	22.0	91.

TABLE 23 MONTHLY FARM PRICES OF BUTTER, CALIFORNIA, 1910-1933 (Cents per pound)

					CESC I	or poc	,					
Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	84	82	81	29	28	28	28	30	82	34	35	85
1911	34	32	30	27	26	26	26	27	20	80	32	34
1912	85	35	33	81	30	20	30	31	32	34	35	35
1913	34	35	34	82	30	29	80	31	- 34	35	38	36
1914	84	31	28	27	26	26	28	28	30	32	84	34
1915	32	30	38	26	26	26	26	29	80	30	80	82
1916	32	32	36	28	28	28	28	28	30	82	34	36
1917	36	39	38	36	36	37	40	42	44	46	47	48
1918	50	80	50	48	44	44	48	51	53	58	61	63
1019	60	56	55	53	56	57	57	56	58	63	56	66
1920	65	64	64	62	80	60	58	60	63	64	64	63
1921	54	48	48	42	38	37	38	43	46	47	48	50
1922	48	43	41	38	38	40	42	42	44	48	56	50
1923	₫B	47	48	44	45	46	48	46	46	49	52	50
1924	51	51	52	45	43	44	43	46	45	48	48	50
1925	49	46	46	49	48	47	52	. 53	55	58	62	57
1926	47	51	49	44	43	44	43	48	47	48	48	49
1927	51	48	51	46	45	44	45	44	47	50	49	52
1928	49	46	47	44	42	44	46	49	51	53	53	5%
1998	49	50	40	46	44	48	. 43	49	49	50	49	40
1930	40	49	40	39	40	39	89	30	40	41	39	38
1931	31	29	30	28	28	26	97	29	18	83	25	83
1932	27	25	24	91	20	20	18	21	32	32	23	28
1933	31	19	20	20	23	23	25	23	22	21	92	21
	1	1		į	1	ŀ	1	l .	1	1	I	l

Sources of data for tables 23 and 23:
Table 23: 1910-1929: Voorbies, E. C. Dairy products. California Agr. Exp. Sta. Bul. 514: 88. 1931.
Table 23: 1910-1925: U. S. Dept. Agr. Bur. Agr. Econ. Prices of farm products received by producers. 4. Mountain and Pacific states. U. S. Dept. Agr. Statis. Bul. 7: 145. 1927.
Table 22, 1930-1933 and table 23, 1926-1933: U. S. Dept. Agr. Crops and Markets, monthly issues.

TABLE 24

MONTHLY FARM PRICES OF EGGS, CALIFORNIA, 1910-1938
(Cents per dozen)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	23.0	30.0	22.0	\$1.0	22 0	34 0	<b>36</b> 0	28.0	<b>32</b> 0	#7 O	49 0	41 0
1911	34.0	28.0	21.0	18 0	19.0	31.0	22 0	26.0	36 0	# 0	40 0	41 0
1912	37.0	28.0	20.0	20 0	19.0	90 0	32.0	25 6	20 0	#4 0	40 0	39 O
1913	\$3.0	25.0	19 0	18.0	20 0	21.0	22.0	30 4	31 0	38 0	#0 U	48 0
2014	43.0	29.0	18 0	200	30.0	25.0	36 O	<b>30</b> 0	34 6	40 0	44 0	41 0
1915	35.0	34.0	19.6	19.0	20.0	21.0	34.0	36 0	31.0	35 G	47.0	42 0
1916	85.0	39.0	18.0	19.0	22.0	94.0	26 0	30 0	35.0	48.0	490	44 0
1917	40.0	31.0	34.0	27 0	31.0	33.0	32 0	38.0	43 0	49 4	88.0	<b>42.</b> 0
1918	88.0	42.0	33.0	32 0	34 0	35.0	41.0	420	68 0	68 0	79 8	73 4
1919	62.0	18 0	85 0	40.0	43 0	44.0	48 0	50.0	56.0	64 0	72 0	76 0
1920	61.0	41.0	35.0	36.0	87.0	38 0	45.0	49 0	56 0	68 0	78 0	<b>80 0</b>
1921	48.0	20.0	26.0	20.0	20.0	22 0	29.0	<b>3</b> 5.0	41 0	50 Q	\$5.0	<b>50</b> 0
1922	29.0	28.0	22.0	22 0	28.0	24.0	27 0	<b>37.0</b>	38 0	50 0	54 0	82.0
1923	41.0	29.0	91 0	23 0	25 0	27.0	29.0	23.0	36 0	47 0	84 O	44 (
1924	38.0	32.0	22 0	28.0	23 0	25 0	80.0	34 0	89.0	47 0	56 0	\$1.0
1925	48.0	86.0	28 0	27.0	29 0	81.0	87.0	89 0	40 0	48 0	58 0	80 (
1926	88.0	28.0	24 0	24 0	26 0	29 0	81.0	28 0	87 Q	44 0	47 0	44 (
1997	87.0	26.6	31.0	22 0	31.0	23.0	23 0	27.0	88 0	#9 0	44 0	42 (
1928	35.0	34.0	22.0	23 9	92.0	25.0	29.0	21.0	\$4.0	89 0	42 0	44 (
1929	38.0	29.8	25 0	25.0	24 0	30 0	81.0	86 Đ	39.0	42 0	47 0	48 (
1930	89.0	27.0	24 0	23.0	23 0	23 0	23 0	25 0	32 0	34 0	35 0	27
1931	23.0	17.0	16.3	15.5	16.1	16.0	18 1	23.1	26 5	30 0	29 5	29
1932	23.4	15.8	14.2	13.8	13.7	18.7	15.4	17.0	30 9	25.4	\$7.4	26
1983	25.0	13.4	12.7	13.0	14.6	15.1	16.8	[8.8]	22 0	34 5	24.5	#

TABLE 25

MONTHLY FARM PRICES OF CHICKBNS, CALIFORNIA, 1910-1933
(Cents per pound)

				<u>``</u>								
Year	Jan.	Feb.	Mar.	Apri)	May	June	July	Aug.	Sept.	Ost.	Nov.	Dec.
1910	14 8	14.7	14.4	15.1	15.9	14.2	14.2	14.6	14.4	14 8	15.4	18 8
1911	15.0	14.9	15.2	15.4	14.9	15.0	18.0	14 8	18.1	14.8	14.6	14 9
1912	14.6	14.5	14.4	14.2	14.0	14.1	14.J	14.0	14.0	14.3	14.8	14 \$
1913	13.8	13.7	12.6	18.7	14.4	14.8	14.3	14.6	15.5	17.4	15.2	15.4
1914	15.3	15.4	16.0	17.0	14.8	17.3	14.5	15.7	15 0	15 0	15.0	15.4
1915	15.4	15.0	15 4	15.8	15.4	15.3	15.1	15.6	15.7	15.2	15.3	15.2
1916	15 0	14.7	15.2	18.5	16.5	16.5	16.3	16.3	16.2	16.7	16.8	17.3
1917	17.6	17.7	18.7	19.3	18.7	18.3	15.7	17.8	30.0	20 7	22 5	23.3
1918	22.9	24.0	24.0	24.5	26.6	24.6	26.5	25.0	27 1	27.6	29 4	37.5
1919	80.7	28.0	81.0	83.6	22.0	31.5	81.0	29 0	28.0	20 0	80.0	30.0
1920	29.0	20 2	29 7	30.4	30.2	20 8	26 6	28.0	10 0	80.0	20 0	30 O
1921	80.0	29.0	29 0	20 0	27.0	27 0	26.0	25.0	28.0	26 0	28 0	37.0
1922	27.0	27.0	26.0	27.0	26 6	26.0	25.0	23 0	25.0	25 0	25.0	23 0
1923	23.8	23.4	34.0	24 0	24.8	24.0	24.0	23.0	26 0	35 0	25. I	23.5
1924	24.3	23.0	24.0	22.8	24.0	23.5	26.0	24 0	24.2	26.0	25 2	24 5
1925	34.9	94.5	26.1	26.9	25.3	26.6	25.8	26.9	27.1	25.3	27.4	26 2
1926	26.4	25.8	25.2	27.0	23.0	28 1	27.1	25 8	26.8	26 0	37.7	26 2
1927	26.0	26.2	26.1	26.3	25 4	24 0	23.4	21.8	24 7	24.5	25.4	25 6
1928	25.3	24.8	26.4	26.5	20 0	25.4	25.5	25.5	26.8	26.9	26.5	26 8
	27.0	27.5	27.6	27.5	23 0	26.5	26.8	27.2	28.5	26.5	27.2	26 4
1929	26.0	25.6	25.7	24.9	25.1	23.9	21.5	22.6	22.5	28.7	23 1	22 1
1930	23.3	21.1	21.0	21.8	26.5	10.5	19.0	19.0	21.0	20.0	19.3	10 0
1931	17.9	15.9	16.4	16 0	15.0	14.1	14.7	15.0	16.0	16 9	15.9	14 0
1932	15.6	14.0	13.4	14.1			13.5	14.0	13.0	13 0	13 3	13 0
1933	15.9	15.0	10.1	19.3	14.3	13.8	13.0	14.0	13.0	12 3	47.7	
	• •		•	·								

Sources of data for tables 24 and 25:
1910-1925: U. S. Dept. Agr. Bur. Agr. Econ. Prices of farm products received by producers. 4.
Mountain and Pacific states. U. S. Dept. Agr. Statis. Bul. 17: 147. 1921.
1926-1933: U. S. Dept. Agr. Crops and Markets, monthly issues.

TABLE 26 MONTHLY FARM PRICES OF WOOL (UNWASHED), CALIFORNIA, 1910-1933 (Cents per pound)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oat.	Nov.	Dec.
1910	17.0	17.0*	17.04	16.0*	18.0	17.0	17.0	15.0	16.0	15.0	14.0	13.0
1911	12.0	12.0	12.0	11.0	12.0	14.0	12.0	14.0	11.0	12.0	11.6	10.0
1912	18.0	12.0	13.0	14.0	14.0	15.0	16.0	15.0	16.0	14.0	16.0	15.0
1913	14.0	12.0	18.0	15.0	13.0	14.0	16.0	18.0	11.0	11 0	19.0	12.0
1914	12.04	11.0	12.0	14.0	15.0	17.0	15.0	16.0	15.G	14.0	13.0	17.0
1915	15.0	16.0	18.0	10.0	18.0	22.0	21.0	21.0	17.0	17.0	16.0	17.0
1918	17.0	15.0	22.0	22.0	24.0	25.0	23.6	25.0	24.0	20.0	28.0	23.0
1917	24.0	81.0	38.0	38.0	46.0	50.0	53.Q	65.0	47.0	53 0	48.0	50.0*
1918	53.0	53 O	51.0*	49.0*	48.0	50.0	51.0	49.0	50.0	50.0	49.0	50.0
1019	44.0	40.0	42.0	87.0	44.0	47.0	49.0	47.0	45.0	41.0	40.0	46.0
1920	45.0*	44.0	45.0	49.9	43.0	41.0	36.0	28.0*	20.0	24.0	24.6	22.0
1921	15.0	12.0	12.0	11.0*	10.0	10.0	11.0	11.0	13.0	13.0	11.0	14.0
1922	16.0	23.0	\$0.0	27.0	32.0	<b>35.0</b>	35.0	35.0	85.0	29.0	30.0	85.0
1923	36.0*	38.0	38.0*	28.0	48.0	41.0*	36.0	30.0	32.0	85.0	30.0	30.00
1924	80.0	30.0	35.0*	40.0	31.0	33.0	33.0	36.0	85.G	35.0	40.9	36.0
1925	41.0	43.0	44.0	44.0	40.0	37.0	40.0	40.0	37.0	85 0	34.0	39.0
1926	39.0	36.0	34.0	32.0	29.0	30.0	29.6	31.0	30.0	26.0	20.0	24.0
1937	28.0	80.0	81.0	28.0	27.0	27.0	26.0	29.0	81.6	25.0	28.0	29.0
1928	31.0	85.0	35.0	84.0	35.0	37.0	87.0	85.0	33.0	85.0	84.0	31.0
1929	35.0	32.0	33.0	30.0	29.0	28.0	27.0	28.0	24.0	25.0	26.0	23.0
1930	24.0	22.0	19.0	18.0	18.0	16.0	10.0	17.0	19.0	18.0	16.0	18.0
1931	16.0	15.0	14.6	15.0	14.0	13 0	12.0	13.0	12.0	11.0	11.0	12.0
1932	10.0	11.0	11.0	9.0	8.0	7.0	7.0	7.0	8.0	9.0	9.0	8.0
1933	7.0	8.0	8.5	10.0	15.0	17.0	20.0	20.0	20.0	21.0	21.0	20.0

TABLE 27 Monthly Farm Prices of Horses, California, 1910–1933 (Dollars per head)

Yеат	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
1910	115	128	126	150	162	160	125	135	135	150	145	147
1911	150	145	185	153	160	172	150	163	250	155	160	165
1912	150	155	158	135	150	155	140	150	150	135	150	189
1918	150	135	134	145	187	136	140	133	140	120	117	186
1914	125	184	128	125	129	125	124	127	110	120	122	120
1915	118	111	117	119	125	110	110	112	120	110	119	115
1916	110	113	114	117	110	106	115	106	110	110	107	117
1917	112	106	114	115	109	115	109	116	108	115	115	107
1918	111	120	116	118	118	119	111	116	110	110	108	105
1910	118	314	108	118	102	117	110	117	120	97	93	103
1920	108	109	112	111	121	113	112	106	106	105	105	106
1921	100	100	100	100	100	100	98	98	98	95	95	95
1922	90	95	98	100	98	95	98	98	98	98	98	94
1923	85	95	100	105	95	94	93	96	97	96	95	95
1994	94	89	96	85	86	88	90	100	98	96	<b>93</b>	91
1925	88	101	102	105	105	97	92	102	95	85	83	95
1926	79	90	89	90	22	90	80	90	80	84	91	95
1927	85	95	90	90	85.	86	75	80	79	80	84	85
1928	87	85	82	78	78	80	80	77	79	70 -	80	78
1929	78	83	86	81	68	81	76	81	79	79	84	81
1930	77	78	74	70	71	71	57	52	63	59	68	64
1931	89	70	70	63	84	61	65	60	57	55	52	53
1932	83	āi	57	52	48	52	48	50	48	50	59	47
1933	47	51	53	58	60	58	59	58	61	56	68	62

<sup>\*</sup> Interpolated.

Interpolated.
 Sources of data for tables 26 and 27:
 Sources of data for tables 26 and 27:
 1910-1923; U. S. Dept. Agr. Bur. Agr. Econ. Prices of farm products received by producers. 4.
 Mountain and Pacific states. U. S. Dept. Agr. Statis. Bul. 17: 146, 1927.
 1928-1933; U. S. Dept. Agr. Crops and Markets, monthly issues.

TABLE 28 MONTHLY FARM PRICES OF BARLEY, CALIFORNIA, 1910-1933 (Cents per bushel)

Year	Jan.	Fab.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
1910	70	70	72	71	86	61	56	34	84	82	54	82
1011	51	52	62	88	67	66	62	64	29	78	30	84
1912	85	35	90	90	88	82	74	67	66	68	68	71
1913	73	70	65	54	68	76	72	96	56	66	68	68
1914	56	63	68	01	55	55	50	44	50	84	24	58
1915	52	71	72	67	68	54	49	54	56	87	61	61
1916	69	67	66	83	62	68	64	59	76	53	90	100
1917	104	106	110	118	128	116	102	110	t 18	116	118	138
1918	126	144	166	171	171	158	136	130	121	118	118	115
1919	109	102	104	110	128	148	148	142	150	166	145	144
1920	160	168	168	162	150	168	100	142	134	110	102	94
1921	80	72	68	62	57	60	60	86	57	68	68	60
1922	60	59	65	72	78	79	58	87	38	52	64	7.8
1923	78	78	76	76	78	72	66	54	86	76	76	71
1924	72	71	78	80	68	78	98	120	120	119	122	218
1925	128	135	90	87	91	84	75	75	78	75	78	74
1926	76	65	59	62	58	48	50	58	54	54	57	34
1927	. 56	61	54	66	72	85	#1	88	90	98	96	98
1928	97	98	97	94	89	85	77	71	58	72	76	74
1929	61	78	77	78	75	58	69	72	70	70	71	71
1980	67	64	51	61	57	52	45	46	49	48	47	44
1931	48	44	41	45	52	81	43	43	44	44	52	81
1932	51	59	47	45	40	28	23	28	25	23	27	21
1933	25	28	24	26	81	30	47	- 44	42	42	42	41

TABLE 29 MONTHLY FARM PRICES OF WHEAT, California, 1910-1938 (Conts per bushel)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Bept.	Ost.	Nov.	Dec
1910	118	114	113	109	105	100	95	98	98	94	94	<b>95</b>
1911	90	88	86	86	90	90	90	88	84	84	85	89
1912	90	92	94	98 -	102	104	194	98	91	90	92	95
1918	98	94	92	'94	97	100	96	93	92	91	. 98	H
1914	95	95	96	95	95	96	92	90	98	103	102	107
1915	118	129	130	128	124	109	98	98	94	92	94	98
1916	102	102	98	94	96	98	96	104	115	126	143	148
1917	146	148	152	182	238	234	204	208	208	204	202	200
1918	206	214	212	316	214	212	218	216	214	205	210	215
1919	212	210	214	214	213	219	222	218	218	214	207	204
1920	212	224	228	228	235	242	242	220	218	208	190	170
1921	168	157	157	140	131	138	135	120	114	113	105	108
1922	104	106	113	117	121	124	118	106	101	105	112	219
1923	122	121	123	119	119	120	108	192	105	106	196	105
1924	108	105	115	111	110	120	180	130	135	150	163	162
1925	170	190	185	158	157	167	152	181	156	141	149	151
1926	149	155	146	145	142	121	133	120	126	126	125	133
1927	130	136	135	120 .	133	139	127	122	125	120	120	122
1928	125	128	128	186	144	130	122	118	114	121	121	131
1929	118	125	128	120	118	108	110	120	122	122	121	123
1936	122	119	113	114	113	106	28	23	58	86	54	52
1981	80	74	68	68	72	58	58	56	56	57	70	70
1932	69	69	67	63	63	55	49	57	59	56	54	14
1933	52	86	53	58	66	56	84	79	74	79	73	70

Sources of data for tables 28 and 29; 1910-1925; U. S. Dept. Agr. Bur. Agr. Econ. Prices of farm products received by producers. 4. Mountain and Pacific states. U. S. Dept. Agr. Statis. Bul. 17; 137-129, 1927. 1928-1932; U. S. Dept. Agr. Crops and Markets, monthly issues.

TABLE 30 MONTHLY FARM PRICES OF OATS, CALIFORNIA, 1910-1933 (Cents per bushel)

Year	Jan.	Feb.	Mar.	April	Мау	June	July	Aug.	Sept.	Oet.	Nov.	Dec
1910	64	63	83	62	60	88	54	53	52	50	50	48
1911	48	44	44	47	51	52	50	48	50	52	58	58
1912	59	58	56	5?	60	60	56	<b>51</b>	50	52	54	58
1913	50	58	54	52	54	56	57	58	55	55	58	- 58
1914	56	52	48	52	48	52	53	45	44	48	52	50
1915	48	51	50	δį	52	50	47	46	46	45	48	50
1916	50	52	49	48	48	48	48	52	56	62	69-	76
1917	82	81	77	84	86	82	78	79	89	93	88	90
1918	88	88	92	92	96	92 .	92	92	86	86	92	94
1919	90	89	98	87	93	89	96	95	95	100	98	93
1920	98	103.	108	107	109	107	102	106	102	88	81	83
1921	79	71	64	58	53	52	60	58	50	51	51	56
1922	58	48	50	58	88	62	80	56	58	57	60	72
1923	78	60	62	58	72	60	54	58	58	58	59	68
1924	85	62	86	50	65	64	66	73	80	83	81	90
1925	100	105	92	81	70*	89	70	57	55	57	58 ·	56
1926	54	55	57	53	48	41	42	48	42	43	49	55
1927	51	49	53	55	55	62	61	58	61	64	67	66
1928	72	78	79	75	78	68	58	58	60	65	63	63
1929	67	65	87	54	8.2	88	58	54	62	61	65	65
1930	83	59	54	58	55	53	43	42	43	46	42	45
1931	41 '	* 41	29	39	40	26	33	34	34	35	89	49
1933	40	40	38	36	38	30	. 25	27	30	32	30	90
1933	32	30	30	30	32	33	43	41	40	40	40	40

TABLE 31 MONTHLY FARM PRICES OF CORN, CALIFORNIA, 1910-1933 (Cents per bushel)

Year	Jan.	Fab.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
1910	91	86	86	86	86	88	82	84	85	82	92	81
1911	80	78	78	78	84	84	82	84	84	82	88	90
1912	90	90	88	93	99	102	99	98	96	92	88	84
1913	86	86	80	78	84	87	84	94	86	86	87	80
1914	84	85	84	85	89	92	88	80	76	86	91	87
1915	90	100	104	100	99	90	90	96	91	90	90	85
1916	90	89	88	90	90	88	90	96	- 102	110	119	123
1917	120	134	137	144	172	182	178	174	192	205	192	19
1918	198	198	194	188	173	172	194	192	195	265	196	19
1019	180	173	185	191	201	194	186	189	188	188	180	18
1920	188	196	204	204	268	208	184	174	184	170	138	14
1921	124	94	88	89	100	107	104	22	80	74	77	7
1932	74	80	90	102	107	102	98	92	85	91	98	10
1923	106	99	94	95	100	97	89	₽ŧ	100	98	102	11
1934	190	110	115	120	120	125	135	135	140	136	134*	13
1925	141*	160	152	150*	147*	145	168	135	119	118	117	12
1926	115	132	100	100	104	100	104	110	110	111	109	11
1927	110	105	100	105	119	135	126	130	135	123	112	.11
1928	111	118	119	122	130	135	135	141	128	134	119	12
1929	120	115	124	126	123	120	116	130	116	121	115	11
1930	110	110	106	107	107	110	109	110	115	Ш	91	9
1951	87	82	77	75	71	67	76	72	6.5	63	86	6
1932	65	56	85	81	58	61	57	87	67	49	48	4
1933	45	49	50	53	57	86	. 78	67	67	60	66	6

Interpolated.
 Sources of data for tables 30 and 31:
 1910-1925: U. S. Dept. Agr. Bur. Agr. Econ. Prices of farm products received by producers. 4.
 Mountain and Paolific states. U. S. Dept. Agr. Statis. Bul. 17: 138-139. 1937.
 1926-1933: U. S. Dept. Agr. Crops and Markets, monthly issues.

TABLE 32 MONTHLY FARM PRICES OF HAY (LOOSE), CALIFORNIA, 1910-1933 (Dollars per ton)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oet,	Nov.	Dec
1910	11.30	10 88	10 70	10 76	10 40	9 40	9 30	8 95	8 50	£ 76	9 30	9 1
1911	10 00	10 40	9.90	9.50	9 25	9 15	8 90	8 55	9 00	9 35	9 90	13 4
1912	13 45	18.70	14 10	18 50	12.90	13.45	12 15	12 35	12 88	13 75	14 90	14 2
1913	15 50	15.00	14.40	14.95	15.10	14 50	14 50	13 90	13 30	13 30	13 50	18 4
1914	13 70	12 80	11.25	10 75	9.65	B 55	8 30	7 66	7 35	7 50	7 95	<b>8</b> 1
1915	8.50	8.35	8.40	8 55	8.60	8.80	8.25	\$ 50	9 86	£ 90	10 95	11 (
1918	11.95	12.45	12.80	11 90	11.98	11 80	11.70	12 00	12 30	12 50	13 80	12 5
1917	13 60	15.25	17 15	18 65	18 50	16 85	15.35	18 50	16 70	17 60	18 35	19 (
1918	22.75	23 80	21.90	20 40	19 00	18.30	L8 60	19 45	19 90	10 65	19 78	20 0
1919	19 08	18.30	18.20	17 45	15 55	14.85	15 25	15.28	16 00	17 00	17.10	19 1
1920	23 10	27.15	30.00	29 15	25 55	24 10	24.25	23 15	22 20	21 80	20:85	<b>30</b> 6
1921	19 80	18.40	16 90	14.85	18 20	12.50	11.90	11 20	10 20	10 95	11 60	12 1
1922	18.75	14.75	18.20	18.10	14 05	12.45	12 25	12 05	12 35	13 95	14 35	14 (
1923	14.78	14.15	14.10	14 80	14 25	12.90	12 30	13.65	18 10	13 50	14 00	12 (
1924	14.00	13.90	14 00	15 50	15 00	15.50	15 00	18.30	17 80	18 50	21 00	20
1925	20 00	19.00	19.30	23.90	20 00	17 40	15 80	13.00	12 90	11.20	14 00	14 1
1926	15.00	14.10	14.20	18 00	11.70	11 60	10 60	10 70	12 00	11 50	12 80	18 (
1927	12 50	13.50	13.00	12.50	11.50	10 00	10 50	9 90	11 00	12 00	19 40	19 8
1928	14.50	13.00	13.20	18.50	13 80	13 50	12.70	13 30	12 90	12 90	18 30	14 8
1929	15.10	16.20	17.20	17.20	16 30	15 20	14 80	LB 50	14 80	14 80	14 90	iš i
1930	15.80	16 50	15.60	14.50	18.50	12 00	11.50	10 50	10 50	11.50	11.50	11 1
1981	11.80	10 20	10 30	10 00	10 00	9.50	9 20	9.20	9 50	9 10	10.50	11 (
1932	11.00	11.20	12 40	10 00	8 60	6 70	6 40	5 50	8 50	5 30	7 00	7 1
1938	7.80	6.90	7.50	7.30	6.70	6.60	6.90	7.70	7.50	7.70	8.40	<b>\$.</b> 6

TABLE 33 MONTHLY FARM PRICES OF ALFALFA HAY, CALIFORNIA, 1910-1933 (Dollars per ton)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nav.	D
1910	9.00	9.00	9.60	8 00	8.00	8.00	8.00	9 00	10 00	10 00	10 00	10
1911	9.75	10.00	10.50	11.00	11 00	9.00	9 90	8 25	8 00	8 90	9 00	10
1913	12 00	11.00	18.00	12 25	11.90	10.00	10 25	10.75	11.00	11 90	11.00	11
1913	12.75	12.50	12.75	14.00	14.60	12 50	12.00	11 25	10 25	10 50	11 00	l ti
1914	9.25	B.00	7.25	5.50	6.50	6.25	5.00	6 00	6 00	8 60	6.00	8
1915	8.30	8.50	9.00	8.30	8.40	7.00	7.00	5.00	\$ 20	8.20	10 00	11
1916	10.20	10.50	11.29	10.00	8,20	10.60	10.90	11 40	11.40	10 50	11.90	12
1917	12.00	15.00	17.20	20.20	13.90	14 00	15.50	14.80	15 40	18.50	17.40	19
1918	22.00	24.70	23.20	20 30	16.20	17.20	17.60	18.50	19 30	18 00	17.70	17
191 <b>9</b>	15.00	18.75	17.30	15 00	14.70	15.30	15.40	16.70	18 60	18 90	19.60	20
1920	25.60	27.10	20.20	26.00	21.10	22.00	23 40	21.10	20.00	20 00	20 00	19
1921	17.00	13.00	13.00	9.00	9.00	9.00	9 00	9.00	9.00	9 90	10 00	13
1922	13.00	14.00	14.00	18 90	12.00	10.00	10.90	10 00	11.00	18 90	15 00	15
1923	15 20	16.70	16.00	15.00	15.00	14 00	13.20	12 00	14 70	14 00	14.30	25
1924	16 40	18.00	18.00	18.50	18.50	15.00	17 80	19 00	18.00	19 00	19 50	20
1925	20 30	20.50	21.50	19.50	19.10	13 50	14 50	13 IO	11 30	12 40	14 00	13
1926	14.20	16.80	14.40	13 80	13.90	12 50	11.50	11 00	12 10	12 60	13 50	[3
1927	13.50	13.70	14.50	13.50	12.00	11.50	11.50	12 50	18 20	13.00	14 50	16
1928	15.70	15.60	18.00	16.70	15.90	13.70	13.70	14 80	14 00	14 50	15.50	15
1929	17.50	19 00	20.00	21 10	19.00	16.70	16 10	15 80	15 10	17 10	17 20	19
1930	20.00	19.00	18.00	16.50	14.50	12.00	11.20	10.70	11.30	17 80	12.30	13
1931	11.90	11.90	11.40	10.50	10 20	9.90	9.40	9.20	6 60	9.10	10 50	<b>11</b> .
1932	10.80	11.50	12.50	11 00	7.80	6.90	6 00	6.00	6 60	6 80	740	7
1983	8.40	7.50	7.30	7.00	6.90	8.50	6.80	7.20	7.50	7.80	\$ 20	9

Sources of data for tables 22 and 32:

1928-1932: U. S. Dept. Agr. Crops and Markets, monthly issues.

Table 32: 1910-1923: U. S. Dept. Agr. Bur. Agr. Ecos. Prices of farm products received by producers. 4. Mountain and Pacific states. U. S. Dept. Agr. Statis. Bul. 17: 143, 1927.

Table 33: January-March, 1910: Estimates made by the author. April, 1910 to December, 1914:
Braun, E. W. Alfalfa. California Agr. Exp. Sta. Bul. 521: 33. Table 13. 1931, 1915-1925: U. S. Dept. Agr.
Bur. Agr. Econ. Prices of farm products received by producers. 4. Mountain and Pacific states. U. S.
Dept. Agr. Statis. Bul. 17: 144, 1927.

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TABLE 34 MONTHLY FARM PRICES OF COTTON, CALIFORNIA, 1921-1933 (Cents per pound)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec
1921	+	_						10.1	14.1	18.5	18.0	17
1922	20.0	18.2	19.5	18.8	17.2	18.0	18,0	19.31	20.61	22.0	22.0	23
1923	24.0	24.5	25.5	26.3	26.8	27.5	28.0	27.01	28.0	29.0	80.0	86
1924	36.0	31.0	80.0	80.0	29.0	27.51	28.01	24.5+	28.0	23.0	24.0	24
1925	24.8	24.6	24.2	24.01	23.8†	23.61	23.4	23.1	22.61	22.7	22.0	21.
1926	19.2	18.7	17.4	17.8	16.6	16.4	16.0	18.0	18.5	14.0	13.9	13
1927	11.5	12.9	12.8	13.5	15.5	16.0	16.0	16.0	28.0	22.8	91.0	19
1928	19.4	16.3	17.0	18.4	18.4†	18.4	18.4	18.41	18.3	19.0	19.4	18
1929	18.5	18.4	18.9	19.0	19.0	18.5	18.5	18.2	18.6	18.8	17.6	17
1930	17.1	16.4	15.2	15.2	15.2	14.2	13.9	12.7	10.P	10.4	10.4	9
1981	8.8	9.6	10.4	9.5	9.6	8.5	9.1	6.9	8.7	5.9	6.7	5
1932	6.2	8.0	5.8	5.9	5.4	5.0	5.5	6.5	7.5	6.7	8.5	đ
1933	6.4	5.0	6.1	8.5	8.5	8.8	11.0	9.0	0.2	9.3	10.2	10

<sup>\*</sup> Dashes indicate data not available.

Sources of data:
1921-1925: Unpublished data obtained from the United States Department of Agriculture.
1926-1933: U. S. Dept. Agr. Crops and Markets, monthly issues.

TABLE 35 MONTHLY FARM PRICES OF POTATOES, CALIFORNIA, 1910-1933 (Cents per bushel)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oet.	Nov.	Dec
1910	77	77	74	71	75	75	72	74	75	76	80	86
1911	85	104	114	122	133	138	128	108	96	88	88	96
1912	88	98	110	129	130	104	82	68	66	67	84	61
1913	56	54	50	44	44	58	64	63	72	74	69	7
1914	71	80	82	69	62	88	68	68	84	å6	65	61
1915	72	75	75	90	104	93	76	64	57	66	74	7.
1916	83	108	122	114	116	114	124	131	118	113	126	14
1917	150	202	245	266	278	228	154	139	148	148	150	13
1918	110	112	105	86	94	184	178	180	145	132	126	10
1919	114	132	126	128	126	156	182	156	148	152	155	18
1920	318	254	302	426	438	393	376	307	222	192	181	13
1921	110	106	114	134	138	136	123	119	129	146	142	14
1923	140	132	130	120	109	120	118	115	108	99	91	7
1923	76	78	80	101	104	115	105	106	128	130	134	13
1924	140	130	140	160	150	170	145	127	120	130	125	10
1925	160 -	130	133	154	200	198	233	164	187	153	221	19
1926	208	230	210	270	250	150	130	100	110	115	130	14
1927	140	145	150	150	165	250	190	140	110	105	90	8
1928	95	100	110	145	140	100	90	85	90	85	85	9
1920	85	80	75	85	100	135	136	120	145	150	150	15
1930	155	155	155	165	195	150	140	120	115	115	120	10
1931	100	85	75	85	100	75	85	65	65	75	65	7
1932	72	70	69	65	80	65	55	50	55	50	46	- 5
1933	85	50	55	65	90	65	.105	105	95	80	75	6

Sources of data:
1910-1925; U. S. Dept. Agr. Bur. Agr. Econ. Prices of farm products received by producers. 4.
Mountain and Pacific states. U. S. Dept. Agr. Statis. Bul. 17: 142, 1927,
1926-1935; U. S. Dept. Agr. Crops and Markets, monthly issues.

<sup>†</sup> Interpolated.

TABLE 36 MONTHLY FARM PRICES OF BEARS (DRY), CALIFORNIA, 1910-1938 (Dollars per bushel)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oot.	Nov.	Dec.
1910	2 52	2.50	1 87	2 43	2 32	2.89	2 70	2 87	2 54*	2 80	2 63	3 41
1911	2 60	8.06	8 12	2 90	2 88	2.63	\$.40	3 48*	2.50	14	34	2 45
1912	2 80	2.70	2 57	2.54	2 40	\$.00	S.69	2.50	2.45	1 50	2 30	8 11
1918	2.90	2.50	2 70	2.77	9.80	2 97	2 00	# 30	2.96	1 10	2 93	3 60
1914	8 00	1.55	2 40	3.50	3.30	2.90	2 90	# 00 F	3 30	2 40	2 50	2 40
1915	2 60	8.00	8.00	8.00	3 10	2.78	2 91	2 77	2 50	1 80	9.75	\$ 14
1916	8.87	3.21	8.13	3 08	8.50	8.25	6.28	8.76	3.64	2.80	4 50	8 18
1917	4.80	5.50	8.00	5.50	8.50	8.50	7.80	6 60	8,20	\$. <b>5</b> 5	5 20	<b>6 00</b>
1918	5 80	5.20	3.40	8.30	6.10	8.66	5.80	8 60	\$ 60	5 30	8.40	4 10
1919	4.60	4.70	4.25	8.90	4.10	4.40	4.10	4.00	4 20	4.30	4.50	4.40
1920	5.30	6.60	4.50	4 50	4.10	4.30	4.80	8.90	3 75	8.50	8.50	<b>2</b> 10
1921	8 30	3 30	8 30	8 80	3.30	8.30	8.80	2 15	8.30	8 90	3 00	8 00
1922	3 10	3.10	4.10	4 00	4 90	4.20	8.90	3.30	3 15	3 20	8.30	3,44
1923	3.80	3.90	8.60	3.80	8.35	3.20	8.30	2 98	3 96	4.18	4 00	3 30
1924	8.50	8.70	3.50	2.55	3.60	8.70	3 50	4 00	4 10	4 30	4.35	4 86
1925	4.80	4.80	4.00	4.00	4.20	ā.80	4.60	4.80	8.10	4 30	4 00	4 30
1926	3.75	4.38	4.08	4.20	4 06	8.78	8.60	4.14	3.48	8.60	\$ 34	2 50
1927	3.60	8.42	3.12	3.24	8.12	8 42	8.48	8.72	8.24	8 00	19.6	#.01
1928	2.91	8.06	8.54	3.81	8.90	4.20	4.20	4.20	8.87	4.05	4 30	4.50
1929	4.98	5.40	5.22	6.19	5.40	5.10	8.61	ā. 58	5 D4	8.13	4 95	4 65
1930	4.88	4.44	4.89	4.89	5.25	4.98	8.01	4 50	3 96	8.48	2 91	3.62
1981	2.37	2.84	3 52	2.19	2.25	2.25	1.95	2 07	1 59	1.86	1.92	19
1932	1.86	1.53	1.44	1 44	1.38	1.82	1.41	1.83	2 01	1 55	1 71	1.66
1933	1.62	1.594	1.56	1.92	2.40	2.48	2.49	2.52	2.87	3 04	2 10	1 00

TABLE 37 MONTHLY FARM PRICES OF ORANGES, CALIFORNIA, 1912-1933 (Dollars per hox)

					Donar							
Year	Jan.	Feb.	Mar.	April	Мау	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1913	1.56*	1.50*	1.82	2.04	2.00	1.84	1.76	1.78	1.76	1.84	1 56*	1.60
1918	1.33*	1.57*	2.21	2.67	2.64	2.56	3.66	4.23	3 50	2 10	3.10	3 30
1914	1.41*	1.48*	1.74	1.58	1.61	1.48	1.67	2.04	2.23	3.10	2.04	1.83
1915	1.44	1.34	1.48	1.48	1.70	1.74	1.52	1.65	1.68	3.25	2 55	1.01
1916	1.55	1.74	1.55	1.49	1.78	2.04	2.75	3.18	3.24	8 35	8.00	3.15
1917	1.71	1.84	3.06	2 02	1.93	2.00	2.11	2.32	2.50	2.28	3.86	3 49
1918	2 62	8.50	8.50	3.42	3.24	2.74	8.93	4 72	4 10	5.14	7.02	4.58
1919	3.58	8.12	2.98	2 98	2.88	2.80	2.80	3.00	3 00	8.00	2.76	2.78
1920	2.30	3.78	4.15	4.08	4.14	4.40	4 00	8 94	4.34	4.24	3.52	2 54
1921	2 40	1.74	1.91	2.18	1.65	1.04	2.87	2.32	2 25	2.98	2 94	2 23
1922	2.15	2.38	8.00	3.49	4.18	4.48	4.77	4.77	3.71	2.84	3.28	2.00
1923	1 91	1.98	1.90	2 14	2 06	3.10	9.21	1 81	2 14	2.58	3.86	2.02
1924	1.04	1.48	1.22	1.89	1.07	2.47	1.71	2.88	3.15	8.24	2 56	1.99
1925	2.76	2.52	3.08	3.33	3.95	4.78	4.07	3.97	4.83	5.42	6 59	2 87
1926	2.19	2.57	2.58	8.61	2.28	2.19	3.72	2 27	2.01	4.45	4.35	3 Ot
1927	2.54	2.98	2.56	2.57	2.20	2.83	3.09	8.79	4.23	8.06	4 55	3 55
1928	2 61	3.53	8.57	3 79	5.06	4.49	5.30	4.98	5.54	5 35	4.32	2 52
1920	2.71	2.02	1.43	1.51	1.38	2.06	1.57	2 45	2.17	2.58	2 00	1 59
1930	3 48	3.34	3.76	4.17	5.33	5.10	5.17	5.22	8.14	6 85	8.92	1 55
1931	1.45	1.28	1.51	1.25	1.92	1 37	2.12	1.64	1.55	2 37	1.71	1.39
1932	0.88	1.58	1.14	1.18	1.40	1.09	1.61	0 92	1 32	1.32	1 29	1 47
1933	1.14	0.90	0.68	0 68	0.80	1.04	1.21	1.20	1.43	1.45	1 300	0 10

<sup>\*</sup> Interpolated.

<sup>\*</sup> Interpolated.

Sources of data for tables 35 and 37:
1910-1925: U. S. Dept. Agr. Bur. Agr. Econ. Prices of farm products received by producers. 4.

Mountain and Pacific states. U. S. Dept. Agr. Statis. Bul. 17: 141-143. 1927.
1928-1933: Unpublished data obtained from the United States Department of Agriculture.

TABLE 38 MONTHLY FARM PRICES OF LEMONS, CALIFORNIA, 1912-1933 (Dollars per box)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1912	2.92*	2.68*	2.47	2.88	2.80	2.84	2.74	2.62	2.84	2,99	3.03*	3.67*
1913	2.99*	4.09*	3,54	4.46	4.08	3.60	5.07	8.16	5.68	5.28	4.88	2.85*
1914	2 24*	2.36*	2.36	2.60	2 62	2.46	2.82	3.98	4.04	3.27	2.78	2.80
1915	1.88	1.83	1.97	1.70	1.82	2.05	1.70	1.72	1.98	2.10	2.40	3.30
1916	3.06	2.00	1.89	1.94	1.97	2.13	3.15	4.52	4.18	3.40	3.10	3.25
1917	1.78	1.62	2.20	2 16	1.86	2.30	2.71	2.75	3.25	3.24	3.12	3.04
1918	3.08	4.05	3.75	8.02	3.37	8.70	4.86	6.00	5.47	4.63	4.31	3.58
1919	3.32	3.15	2.36	2.36	2.75	3.12	2.88	2.50	2.50	8.00	3.45	2.93
1920	3.80	4.14	3.93	8.18	2.88	3.18	2.89	2.57	2.32	2.42	2.28	2.80
1921	1.89	1.32	1.38	2.38	1.80	1.50	3.58	4.75	3.88	2.97	2.07	1.48
1922	1.55	2.54	2.98	2.42	3.13	3.12	2.14	2.58	3.24	3.27	8.29	3.24
1923	2.92	3.14	3.32	2.82	3.02	5.01	5.50	4.62	4.38	3.25	1.93	1.15
1924	0.87	0.95	1.20	1.60	1.74	0.80	0.59	2.69	4.02	2.36	3.75	2.85
1925	2.60	2.45	2.86	3.51	3.53	6.50	8.92	1.58	6 08	4.73	1.94	2.09
1926	1.69	1.76	2.84	1.98	3.04	2.07	2.20	1.81	1.22	2.15	1.56	1.58
1927	2.04	1.13	1.77	1.60	1.77	2.86	4.44	3.91	8.44	6.78	4.82	3.77
1928	\$ 18	3.24	2.84	3.00	5.04	8.89	4.33	3.74	3 23	2.53	2.50	3.23
1929	3.60	1.74	1.97	2.09	1.67	8.37	2.72	5.27	9.41	8.53	5.92	6.84
1930	8.44	3.35	2.47	3.38	5.46	4.11	3.72	8.17	3.36	2.11	2.12	2.04
1931	2.85	1.92	2.24	1.82	2.01	2.87	8.61	4.38	3.69	3.60	1.65	1.72
1932	1.78	1.54	1 87	1.16	1.70	2.04	2.24	4.28	6.36	6.35	6.81	3.89
1933	3.08	1.40	1.78	1.79	2.11	4.18	2.14	2.33	2.36	2.52	2.28*	2.04

TABLE 39 Monthly Farm Prices of Apples, California, 1910-1933
(Dolfars per bushel)

					O SECURE D	P	<del></del>					
Year	Jan.	Feb.	Mar.	April	May	June	July	Áug.	Sept.	Oct.	Nov.	Dec.
1910	0.86	0.72	0.89	0.77	2.00	1.27	1.00	0.59	0.85	0.82	0.90	0.75
1911	0.98	0.95	0.75	0.97	9.85	0.65	6.90	0.90	0,81	0.80	0.90	0.98
1012	₽.85	0.95	1 23	1.18	1.24	0.72	1.02	0.85	0.70	0.75	0.80	1.01
1918	0.90	0.65	0.74	0.B4	0.92	0.97	0.90	0.90	1.00	1.00	1.05	1.30
1914	1.08	1.10	1.50	1.15	1.40	1.15	0.89	0.80	0.65	0.70	0.72	0.80
1915	0.90	G.88	0.75	0.80	0.90	·I 05	0.75	0.74	0.60	0.78	0.95	0.92
1916	1.00	1.00	0.95	0.96	1.20	0.90	0.95	0.77	0.85	0.90	0.85	0.90
1917	0.95	0.96	1.10	1.35	1.25*	1.15*	1.05*	0.95	0.90	1.90	1.00	1.20
1918	1.00	1.25	1.20	1.40	1.00	1.10	1.40	1.30	1.15	1.35	1.40	1.50
1918	1 75	2.00	2.50	2.20	8.00	2.25*	1.50	1.90	1.50	1.60	1.60	2.00
1920	2.00	2.20	3. LO	2.40	8.30	3.70	2.00	1.90	1.50	1.50	1.50	1.50
1921	1.30	1.35	1.50	1.50	1.46*	1.43*	1.40	1.50	1.50	1.50	1.50	1.40
1923	1.40	1.70	2.05	2.35	2.12*	1,884	1.640	1.40	1.25	1.40	1.35	1.10
1923	1.58	1.75	1.44	1.91	1.99	2.00*	2.00	1.31	1.12	1.42	1.00	1.29
1924	1.20	1.50	1.70	1.65	2.00*	2.80	1.10	1.40	1.50	1.57	1.50	1.35
1925	1.60	1.70	1.70	1.70*	2.10*	3.30	2.20	1.65	1.48	1.27	1.20	1.20
1926	1.80	1.40	2.40	1.40	1.95*	2.50	1.30	1.15	0.90	0.80	0.95	1.10
1927	1.05	0.95	1.10	1.15*	1.20	1.85	1.30	1.70	1 30	1.80	1.80	1.45
1938	1.60	1.80	1.80*	1.80*	1.65*	1.50	1.20	1.05	1.00	1.00	1.10	1.20
1929	1.15	1.25	1.52*	1 40*	1.48*	1.55	1.55	1.40	1.40	1.65	1.30	1.50
1930	1.50	1.75	1.80	1.80	1.90	1.90	0.85	0.25	0.90	6.70	0.50	0.55
1931	0.70	0.70	0.50	0.60	0.70	0.75	0.90	0.70	0.70	0.65	0.85	0.85
1932	0.95	0.90	0.90	0.98	1.00	0.90	0.75	0.60	0.65	0.50	0.55	8.50
1932	9.50	0.48	0.50	0.50	0.50	0.80	0.85	0.55	0.55	0.60	0.60	0.55
								<u> </u>				<u> </u>

<sup>·</sup> Interpolated.

Interpolated.

Sources of data for tables 38 and 39:

1910-1925: U. S. Dept. Agr. Bur. Agr. Econ. Prices of farm products received by producers. 4.

Mountain and Pacific etates. U. S. Dept. Agr. Statis. Bul. 17: 140-141. 1927.

Table 38: 1928-1933: Unpublished data obtained from the U. S. Dept. Agr.

Table 39: 1928-1933: U. S. Dept. Agr. Crops and Markets, monthly issues.

TABLE 40

Annual Unweighted Averages of Monthly Farm Prices, California,

Calendae Years, 1910–1933

	Beef cattle	Veal calves	Hoge	Sheep	Lambs	Milk	Milk fat	Butter	Eggs	Chick-	Weel	Horses
	dollars per 100	dollars per 100	dollars per 100	dolları per 100	dollars per 100 pounds		cente per pound	cente per pound	eenia par dozen	centa per pound	per pound	dollars per head
1910	pounde 8 61	pounds 8.08	pounds 8 42	pounds 5.22	0.14	3.61	85.2	31.4	30 1	14.8	18 8	130
1911	5.68	0.48	6.86	4.72	ă.66	2.61	30.4	29.4	27.9	15.0	11 0	186
1912	5.72	8.45	6.48	4.44	5 20	2 76	36 1	12.5	37 B	14 2	14 3	147
1918	6.53	7.04	7.22	4.55	8.52	2 38	86.7	B3 0	29.3	34.7	12 0	188
1914	6.62	7.68	7.88	5.01	0.08	1 18	81.0	29.1	20.8	15.5	14.2	124
1915	6 11	7.58	6.68	8.73	6.80	2 15	29 9	28 9	28.9	15 4	18 1	118
	6.29	7.89	7.12	6.38	7.51	2 22	88.4	30 5	81.1	16 2	29 2	711
1916	8.00	8.61	19.22	9.54	11.28	2.56	46.3	40 8	87.8	19.3	44.4	112
1917	9.28		5		13.41	2.00 2.05	57.3	81.4	47.1	25.7	50 2	113
1918	9.80 0.89	9.93 11.33	14.96 15.46	11.36	12.01	3.13	87.7	58.7	52 2	10.1	43.1	100
1919										1		109
1920	9.24	10.98	13.55	8.78	10.94	8.50	67.6	62 2	49.0	29.4	26 I	26
1921	6 52	8.67	9.49	5.84	7.67	2 53	46.8	41.8	35 5	27 6	11 9	
1922	6.88	8.16	9.95	0.84	10.00	3 85	48.6	48.5	88.0	25 4	20 2	97
1923	6.20	8.28	8.52	7.61	11 33	2 81	53.8	47.1	34.3	24.0	85.8	95
1924	6.49	7.93	9.20	7.32	10 77	2 58	45.8	47 1	84 9	24 3	84 5	99
1925	6.50 6.95	9.06	12.41	8.86	13.48 11.99	2 86	58 8 48 2	51.7	30 0 33 8	26 1 26 2	\$9 5 \$6 8	97 88
1925 1927	7 47	9.57 10 01	13.88	8.05 7.91	11.60	2.67	50.4	45.4 47.7	20 S	26 9	25 2	84
1928	9.75	11.60	9.55	8.36	12.19	2.65	51.0	48.0	30.5	26 5	84.3	80
1929	9. 62	11.92	10.83	8.27	11.77	2.58	50.8	48.3	84.4	26 8	25 3	80
1936	7.90	10.42	0.92	5.79	8.82	2.48	89 2	39.5	37 0	24 0	18 4	64
1931	5.72	7.60	6 98	8.62	6.10	2.06	28.3	29.8	21.6	20.8	13.7	62
1932	4 54	5.63	4.10	2.62	4.68	1.66	21.7	22 6	18 8	15.7	8 7	36
1933	3 99	5 08	4 12	2.44	5 11	1 52	21 5	21 8	18 7	18 7	18 6	56
Year beginning January I	Barley	Wheat	Osta	Cora	Hay	Alfalfa	Cotton	Pota-	Beans	Or-	Lem-	Apples
	cente	cente									UTIME	
1		CCSSE	centa	cente	dollars	dollars	cents	cents	dollars	dollare	dollars	dellars
1	par	per	per	per	dollars per ion	dollars p <b>er t</b> on	per	cants per	par		dollars	per
1916	bushal	per bushel	per busisi	per buskei	per ion	p <b>er t</b> on		canta per bushal	per buskel	dollare	dollars	per buskel
191 <b>0</b>	bushai 61.0	per bushel 102.2	per bushel 58.4	per buskei 84.9	per ion 9.80	per ton 9.00	per pound t	cants per bushel 75.0	par bushal 2.58	dollare	dollars	per buskel 0 98
1911	bushel 61.0 64.9	per bushel 102.2 87.6	per bushel 56.4 49.8	per buskei 84.9 82.5	per ion 9.80 9.58	per ton 9.00 9.52	per	cents per bushel 75.0 108 8	per buskel 2.58 2.76	dollars per box	deliars per bos	per buskel 0 98 0 86
1911 1912	51.0 51.9 54.9 78.2	per bushel 102.2 87.6 95.8	per bushel 56.4 49.8 55.9	per buskei 84.9 82.5 98.1	9 80 9 58 13 26	per ton 9.00 9.52 11.23	per pound *	cents per bushel 75.0 108 8 89.8	par bushat 2.58 2.76 2.64	dollars per boz — — 1.78	deliars per bos — — 2 79	per buskel 0 98 0 86 0 94
1911 1912 1918	bushel 61.0 64.9 78.2 68.5	per bushel 102.2 87.6 95.8 94.4	per bushel 56.4 49.8 55.9 56.2	per buskei 84.9 82.5 98.1 84.5	9 80 9 58 13 25 14 28	9.00 9.52 11.23 12.04	per pound t	cents per bushel 75.0 108 8 89.8 59.8	per bushe; 2.88 2.76 2.64 2.84	dollars per box — — 1.78 2.75	dollars per box — — 2 79 4 48	per buskel 0 95 0 86 0 94 0 93
1911 1912	61.0 61.9 64.9 78.2 68.5 56.2	per bushel 102.2 87.6 95.8 94.4 97.1	per bushel 56.4 49.8 55.9 56.3 50.0	per buskel 84.9 82.5 98.1 84.5 85.7	9.80 9.58 13.26 14.28 9.49	9.00 9.52 11.23 12.04 8.57	per pound *	cants per bushel 76.0 108 3 89.8 59.8 68.4	7 per bushel 2 88 2 76 2 64 2 84 2 71	dollars per box — 1.78 2.75 1.77	dollars per box — 2 79 6 48 2 83	per buskel 0 98 0 86 0 94
1911 1912 1918 1914 1915	51.0 51.9 78.2 58.5 56.2 50.8	per bushel 102.2 87.6 95.8 94.4 97.1	per bushel 56.4 49.8 55.9 56.2 50.0 48.7	per buskel 84.9 82.5 93.1 84.5 85.7 94.3	9.80 9.58 13.25 14.38 9.49 9.13	9.00 9.52 11.23 12.04 6.67 8.48	per pound *	canis per bushel 75.0 108 8 89.8 69.8 68.4 78.8	per bushal 2.88 2.76 2.64 2.84 2.71 2.95	dollars pur bos — 1.78 2.75 1.77	dollars per box — 2 79 4 48 2 83 1 95	per bushel 0 98 0 86 0 94 0 93 0 99
1911 1912 1918 1914	61.0 61.9 64.9 78.2 68.5 56.2	per bushel 102.2 87.6 95.8 94.4 97.1 109.2 110.1	per bushel 56.4 49.8 55.9 56.3 50.0	per buskel 84.9 82.5 98.1 84.5 85.7	9.80 9.58 13.26 14.28 9.49	9 00 9 52 11 23 12 04 6 57 8 48 10 82	per pound *	cants per bushel 76.0 108 3 89.8 59.8 68.4	7 per bushel 2 88 2 76 2 64 2 84 2 71	dollars per box — 1.78 2.75 1.77	dollars per box — 2 79 6 48 2 83	per bushel 0 98 0 86 0 94 0 93 0 99 0 48
1911 1912 1918 1914 1915 1916	51.0 51.9 78.2 58.5 56.2 50.6 71.9	per bushel 102.2 87.6 95.8 94.4 97.1	per bushel 56.4 49.8 55.9 56.3 50.0 48.7 54.7	per buskel 84.9 82.5 98.1 84.5 85.7 94.1 97.8 168.8	9.80 9.58 13.25 14.28 9.49 9.13 12.28	9 00 9 82 11 23 12 04 6 67 8 48 10 82 16 09	per pound —	cants per bushel 75.0 108 8 69.8 59.8 68.4 76.8 117.7	per bushal 2.88 2.76 2.64 2.84 2.71 2.95 3.78	dollars per box - 1.78 2.75 1.77 1.75 2.82	dollars per box ————————————————————————————————————	per buskel 0 98 0 86 0 94 0 93 0 99 0 43 0 94
1911 1912 1918 1914 1915 1916 1917	54.9 78.2 58.5 56.2 50.5 71.9	Per bushel 102.2 87.6 95.8 94.4 97.1 109.2 110.1 193.8	per bushel 56.4 49.8 55.9 56.2 50.0 48.7 64.7 84.1	per buskel 84.9 82.5 93.1 84.5 85.7 94.3 97.8 168.8 191.0	9.80 9.58 13.25 14.28 9.49 9.13 12.28 16.92 20.29	9 00 9 52 11 23 12 04 6 57 8 48 10 82 16 09 19 84	per pound ——	cents per bushel 75.0 108 8 69.8 69.8 68.4 78.8 117.7 186.0 125.9	per bushal 2.88 2.76 2.64 2.84 2.71 2.95 3.78 6.49	dollars per box 1.78 2.75 1.77 1.75 2.82 2.14	dollars per box 2 79 4 48 2 83 1 95 2 73 2 82	per bushel 0 98 0 86 0 94 0 93 0 99 0 43 0 94 1 07
1911 1912 1913 1914 1915 1916 1917	54.9 78.2 58.5 56.2 50.6 71.9 114.2 139.2	Per bushel 102.2 87.6 95.8 94.4 97.1 109.2 110.1 193.8 212.9	per bushel 56.4 49.8 55.9 56.2 50.0 48.7 54.7 94.1	per buskel 84.9 82.5 98.1 84.5 85.7 94.1 97.8 168.8	9.80 9.58 13.25 14.28 9.49 9.13 12.28 16.92	9 00 9 82 11 23 12 04 6 67 8 48 10 82 16 09	per pound —*	cants per bushel 76.0 108 3 69.8 69.8 68.4 76.8 117.7 186.0	per bushel 2.58 2.76 2.64 2.84 2.71 2.95 3.78 6.49 6.88	dollars pur box - 1.78 2.78 1.77 1.75 2.82 2.14 4.13	dollars per box 1 79 4 48 2 83 1 95 2 73 2 52 4 15	per bushel 0 98 0 86 0 94 0 93 0 99 0 83 0 94 1 07 1 26
1911 1912 1913 1914 1915 1916 1917 1918	bushet 61.0 64.9 78.2 68.5 56.2 50.6 71.9 114.2 139.2 132.0	per bushel 102.2 87.6 95.8 94.4 97.1 109.2 110.1 193.8 212.9 213.8	56.4 49.8 55.9 56.2 50.0 48.7 54.7 84.1 90.8	per bushel 84.9 82.5 98.1 84.5 85.7 94.1 97.8 168.3 191.0	per ton 9.80 9.58 13.25 14.28 9.49 9.13 12.28 16.92 20.29 16.92	9.00 9.52 11.23 -12.04 6.57 8.48 10.62 16.09 19.84 17.08	per pound	cents per bushel 76.0 108 8 89 8 69 8 69 8 117.7 180.0 125.9 145.8	par bushel 2.88 2.76 2.64 2.84 2.71 2.95 3.78 6.49 5.86 4.29	dollars per box 1.78 2.75 1.77 1.75 2.82 2.14 4.13 2.97	dollars per box 2 79 4 48 2 83 1 95 2 73 2 52 4 15 2 86	per buskel 0 98 0 86 0 94 0 93 0 99 0 83 0 94 1 07 1 26 1 98
1911 1912 1913 1914 1915 1916 1917 1918 1919	bushel 61.0 64.9 78.2 68.5 56.2 50.5 71.9 114.2 139.2 132.0	per bushel 102 2 87.6 95.8 94.4 97.1 109.2 110.1 193.8 212.9 213.8 218.8	per bushel 56.4 49.8 65.9 56.2 50.0 48.7 64.7 84.1 90.8 92.4	94.9 84.9 82.5 93.1 84.5 85.7 94.1 97.8 166.3 191.0 180.4	per ton 9.80 9.58 13.25 14.28 9.49 9.13 12.28 16.92 20.20 16.92 24.28	9 00 9 52 11 23 12 04 6 67 8 48 10 82 16 09 19 84 17 08 23 95	per pound	cants per bushel 76.0 108.8 89.8 69.8 68.4 76.8 117.7 186.0 125.9 145.8 285.2	par busha; 2.88 2.76 2.04 2.84 2.71 1.95 3.78 6.49 6.56 4.29 4.13	dollars per boz 1 78 2 76 1 77 1 75 2 32 2 14 4 13 2 97 3 87	dollars per box 2 79 4 48 2 83 1 95 2 73 2 52 4 15 2 86 2 99	per buskel 0 96 0 86 0 94 0 93 0 99 0 48 0 94 1 97 1 26 1 98 2 05
1911 1912 1913 1914 1915 1916 1917 1918 1919 1920	bushel 61.0 84.9 78.2 88.5 86.2 90.8 71.9 114.2 139.2 132.0 142.4 62.5	per bushel 102 2 87.6 95.8 94.4 97.1 109.2 110.1 193.8 212.9 213.8 218.8 131.5	56.4 49.8 55.9 56.2 50.0 48.7 64.7 84.1 90.8 92.4 99.1 58.4	per buskel 84.9 82.5 93.1 84.5 85.7 94.1 97.8 166.3 191.0 180.4 183.0 91.9	per lon  9 80 9 58 13 25 14 28 9 49 9 13 12 28 16 92 20 20 16 92 24 28 13 58	9 00 9 52 11 23 12 04 6 57 8 48 10 82 16 09 19 84 17 05 22 95 10 71	per pound	cants per bushel 76.0 108.8 89.8 69.8 69.8 76.8 117.7 186.0 125.9 146.8 286.2 127.2	par busha; 2.58 2.76 2.04 2.85 2.71 1.95 3.78 6.49 6.56 4.13 3.21	dollars per boz 	dollars per box 2 79 4 48 2 83 1 95 2 72 2 82 4 13 2 86 2 90 2 36	per bushel 0 96 0 86 0 94 0 95 0 96 1 97 1 26 1 98 2 95 1 44
1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921	bushel 61.0 84.9 78.2 88.5 86.2 90.6 71.9 114.2 139.2 133.0 142.4 62.5 64.8	per bushel 102.2 87.6 95.8 94.4 97.1 109.2 110.1 192.8 212.9 213.8 218.8 131.5	per bushel 56.4 49.8 55.9 56.0 48.7 64.7 84.1 90.8 92.4 99.1 58.4 56.1	per bushel 84.9 82.5 93.1 84.5 85.7 94.1 97.8 168.3 191.0 188.4 188.0 91.9	per ton  9 80 9 58 13 25 14 28 9 49 9 13 12 28 16 92 20 20 16 92 24 28 13 58 18 70	par ton  9 00  9 52  11 23  12 04  6 67  8 48  10 82  16 09  19 34  17 08  22 95  10 71  12 75	per pound	cants per bushel 76.0 108 3 69 8 59 8 68 4 76 8 117.7 186 0 125 8 146 8 286 2 127 2 112 8	par bushat 2 58 2 76 2 64 2 84 2 71 2 95 3 78 6 49 6 58 4 29 4 13 8 21 3 50	dollars per boz 1.78 2.78 1.77 1.75 2.32 2.14 4.13 2.97 3.67 2.24 3.34	dollars per box 2 79 4 48 2 83 1 95 2 72 2 82 4 15 2 86 2 99 2 36 2 79	per bushel 0 98 0 86 0 94 0 95 0 99 0 48 0 97 1 26 1 98 2 05 1 44 1 54
1911 1912 1913 1914 1915 1916 1917 2918 1919 1920 1921 1922 1922 1924 1924	oushel 61.0 64.9 78.2 58.5 56.2 60.6 71.9 114.2 139.2 139.0 142.4 62.5 64.8 73.2 94.8	per brushel 102.2 87.6 95.8 94.4 97.1 109.2 110.1 193.8 212.9 213.8 131.5 112.2 160.3	per- bushel 56.4 49.8 55.9 56.2 50.0 48.7 54.7 84.1 90.8 92.1 98.4 58.1 62.9	per buskel 84.9 82.5 93.1 84.5 85.7 94.1 97.8 168.3 191.0 188.4 188.4 91.9 93.5	9 80 9 58 13 25 14 28 9 49 9 13 12 28 16 92 20 29 16 92 24 28 13 69 13 70 18 53	per ton  9 00  9 52 11 23 -12 04  6 67 8 48 10 82 16 09 19 34 17 08 10 71 12 75 14 63	per pound	cants per bushel 76.0 108 8 69.8 69.8 68.4 76.8 117.7 186.0 125.9 146.9 127.2 112.8 107.0	par bushat 2 58 2 76 2 64 2 81 2 71 3 95 3 78 6 49 5 58 4 29 4 13 8 21 8 20 3 60	dollars per box 1.78 2.75 1.77 1.75 2.32 2.14 4.13 2.97 3.87 2.25 3.34 2.14	dollars per box 2 79 4 48 2 83 1 95 2 72 2 52 4 15 2 56 2 59 2 36 2 79 3 42	per bushel 0 86 0 94 0 93 0 99 0 43 0 97 1 25 1 98 2 05 1 44 1 57 1 56 1 67
1911 1912 1913 1914 1915 1916 1917 2018 1919 1920 1921 1922 1922 1923 1924 1925	54.9 78.2 58.5 56.2 50.5 71.9 114.2 139.2 132.0 142.4 62.5 64.8 73.8 83.5 58.8	per brushel 102.2 87.6 95.8 94.4 97.1 109.2 110.1 193.8 212.9 213.6 131.5 112.2 160.3 137.3	56. 2 56. 3 56. 2 56. 2 50. 0 48. 7 54. 7 84. 1 90. 8 92. 4 99. 1 58. 1 62. 9 71. 2	bushel 84.9 82.5 93.1 84.5 85.7 94.1 97.8 166.3 191.0 188.4 188.0 91.9 93.5 98.7 126.8	Per Ion 9 80 9 58 13 25 14 28 9 49 9 13 12 28 16 92 20 29 16 92 24 28 13 58 13 58 13 59	per ton  9:00  9:52 11:20 -12:04  6:67 8:48 10:82 16:09 19:34 17:08 22:28 16:71 12:78 14:63 18:46	per pound	cants per bushel 76.0 108 3 89 8 69.8 68.4 76 8 117.7 186.0 125.9 146.8 286.2 127.2 112.8 107.0 127.0	Dusha? 2 88 2 76 2 64 2 84 2 71 2 95 3 78 6 49 6 58 4 29 4 13 8 31 3 50 3 60 3 88	dollars per box 1 78 2 78 1 77 1 75 2 32 2 14 4 13 2 97 3 87 2 24 3 4 3 14 2 14	dollars per box 2 79 4 48 2 83 1 95 2 72 2 82 4 15 2 86 2 90 2 36 2 79 2 79	per bushel 0 98 0 94 0 93 0 99 0 43 0 94 1 1 26 1 44 1 .64 1 .67 1 .56 1 .56
1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1928	61.0 61.0 78.2 56.5 56.2 50.6 71.9 114.2 139.2 142.4 62.5 64.8 73.2 94.5 88.5 88.5 88.5	per bushel 102 2 87.6 95.8 94.4 97.1 109.2 110.1 193.8 212.9 213.8 218.8 131.5 112.2 113.1 128.2 160.3 137.3 128.2	50.4 50.4 50.2 50.2 50.0 48.7 54.1 90.8 92.4 99.1 58.4 58.1 62.9 71.2 71.7	94.9 84.9 82.5 93.1 84.5 85.7 94.1 97.8 166.8 191.0 188.4 183.0 91.9 93.5 96.7 126.8 137.7	per lon 9 80 9 58 13 25 14 28 9 49 9 13 12 28 12 20 20 20 16 92 24 28 13 63 18 73 10 59 16 61	per ton 9 00 9 82 11 23 12 04 6 67 8 48 10 82 19 34 17 05 22 95 10 71 12 76 14 63 18 45 16 15	per pound	cants per bushel 76.0 108 3 89 8 69 8 69 8 117 7 186 0 125 9 146 8 284 2 127 2 112 8 107 0 127 3 174 6	Der buske? 2 88 2 76 2 64 2 85 2 71 2 95 3 78 6 88 4 29 4 13 8 31 3 50 3 88 6 52	dollars per boz 1 78 2 78 1 77 1 75 2 214 4 13 2 97 3 67 2 26 3 24 2 14 4 00	dollars per box 2 79 4 48 2 83 1 95 2 73 2 36 2 36 2 39 2 36 2 79 2 36 2 79 2 36 2 79 2 36 2 36 3 39	per bushel 0 86 0 94 0 93 0 99 0 99 1 97 1 28 1 98 1 1 67 1 56 1 67 1 56 1 38
1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927	bushel 61.0 64.9 78.2 66.5 66.2 60.6 71.9 114.2 139.2 64.8 73.3 94.5 56.8 83.2	per braskel 102 2 87.6 95.8 94.4 97.1 109.2 110.1 193.8 212.9 213.8 218.8 131.5 112.2 160.3 137.3 128.2 125.4	50.4 50.4 50.2 50.2 50.0 48.7 64.7 84.7 84.7 89.1 58.4 58.1 62.9 71.2 71.7 48.4	94.9 84.9 82.5 93.1 84.5 85.7 94.1 97.8 166.3 191.0 188.0 91.9 93.5 94.7 126.8 137.7 109.2	9 80 9 58 13 25 14 28 9 49 9 12 12 28 16 92 20 20 16 92 24 28 13 63 18 70 18 59 16 61 12 52	9 00 9 52 11 23 12 04 6 67 8 48 10 69 19 84 17 08 22 95 10 71 12 75 14 63 16 15 12 14	per pound	cants per bushel 76.0 108 8 89 8 69.8 68.4 76 8 117.7 186.0 125 9 145.8 284.2 127.2 112.8 107.0 127.3 174.6 170.1 143.3 101.2	Description of the control of the co	dollars pur bos 1 78 2 75 1 77 1 75 2 32 2 14 4 13 3 87 2 26 3 34 2 14 4 00 2 94	dollars per box 2 79 4 48 2 52 2 73 2 52 4 15 2 86 2 79 2 36 2 79 3 42 1 94	per bushes 0 86 0 94 0 93 0 99 0 98 1 97 1 26 1 98 2 05 1 44 1 57 1 56 1 30 1 30 1 30
1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928	61.0 64.9 78.2 68.5 56.2 60.6 71.9 114.2 139.2 132.0 142.4 62.5 64.8 73.8 73.8 78.8 78.8 78.8	per bushel 102 2 87.6 95.8 94.4 97.1 109.2 110.1 109.8 212.9 213.8 131.5 112.2 160.3 128.2 160.3 128.2 125.4 119.2	50.4 50.4 50.2 50.2 50.0 48.7 54.7 54.7 54.1 90.8 92.4 99.1 58.1 62.9 71.2 71.7 48.4 58.5 67.4 67.5	94.9 84.9 82.5 93.1 84.5 85.7 94.1 97.8 168.3 191.5 186.4 183.0 91.9 93.5 98.7 126.8 137.7 109.2 117.8 125.7 119.3	per lon  9 80 9 58 13 25 14 28 9 49 9 18 12 28 16 92 20 29 16 92 24 28 13 53 16 59 16 61 12 52 11 76 13 42 16 41	per 10n 9 00 9 52 11 23 - 12 04 - 6 67 8 48 10 82 16 09 19 34 17 08 22 95 10 71 12 75 14 63 18 46 16 15 12 14 13 28	per pound	cants per bushel 76.0 108 8 69.8 69.8 68.4 78.8 117.7 186.0 125.9 146.8 2262.2 112.8 107.0 127.3 174.0 170.1	Der buskel 2 88 2 76 2 64 2 84 2 71 2 95 8 49 6 58 4 20 3 50 2 58 4 52 2 8 33 2 20 5 19	dollars per bos 	dollars per box 2 79 4 48 2 83 2 72 2 82 4 15 2 86 2 96 2 36 2 79 3 42 1 94 3 30 1 99 3 4 42	per bushel 0 98 0 94 0 93 0 99 4 1 97 1 25 1 98 2 05 1 44 1 56 1 39 1 41
1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1928 1927 1928	61.0 64.9 78.2 68.5 56.2 60.6 71.9 114.2 139.2 132.0 142.4 62.5 64.8 73.8 88.5 58.8 78.8 78.8	per bushel 102 2 87.6 95.8 94.4 97.1 109.2 110.1 193.8 212.9 213.8 131.5 112.2 160.3 137.3 128.2 110.1 0	50.4 50.4 50.2 50.2 50.0 48.7 54.7 54.1 90.8 92.4 99.1 58.4 56.1 62.9 71.2 71.7 48.4 58.5 67.4 50.2	94.9 84.9 82.5 93.1 84.5 85.7 94.1 97.8 168.3 191.5 188.4 188.0 91.9 93.5 94.7 126.8 137.7 109.2 117.8 112.8	per lon  9 80 9 58 13 25 14 29 9 49 9 18 12 28 16 92 20 20 16 92 24 28 18 70 18 53 10 59 10 61 12 52 11 78 13 42	per 10n 9 00 9 52 11 23 12 04 6 67 8 48 10 82 16 09 19 34 17 06 22 95 10 71 12 75 14 63 18 45 16 11 13 28 15 32	per pound	cants per bushel 76.0 108 8 89 8 69.8 68.4 76 8 117.7 186.0 125 9 145.8 284.2 127.2 112.8 107.0 127.3 174.6 170.1 143.3 101.2	Per bushe: 2 88 2 76 2 64 2 84 2 71 2 95 86 4 20 4 13 8 31 8 30 3 80 2 88 4 52 2 8 8 2 8 8 2 8 8 6 5 2 8 8 8 6 5 2 8 8 8 6 5 2 8 8 6 5 2 8 8 6 5 2 8 8 6 5 2 8 8 6 5 2 8 8 6 5 2 8 8 6 5 2 8 8 8 6 5 2 8 8 6 5	dollars per box 1.78 2.78 1.77 1.75 2.32 2.14 4.13 2.97 2.34 2.14 4.00 2.94 3.34 4.30 2.94 4.30 2.94 4.30 2.94 4.30 2.94 4.30 2.94 4.30 2.94 4.30 2.94 4.30 2.94 4.00 2.94 4.30 2.94 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4	dollars per box 2 79 4 48 2 83 1 95 2 72 2 52 4 15 2 85 2 90 2 36 2 30 1 99 3 42 1 94 3 30 1 99 3 43 4 42 8 48	per bushel 0 86 0 94 0 93 0 99 0 43 0 99 1 25 1 44 1 567 1 35 1 34 1 1 20
1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1922 1922 1923 1924 1925 1926 1927 1928	bushel 61.0 64.9 78.2 68.5 56.2 60.6 71.9 114.2 139.2 142.4 62.5 64.8 78.8 83.5 58.8 78.8 83.2 73.3 53.5	per brushel 102.2 87.6 95.8 94.4 97.1 109.2 110.1 193.8 212.9 213.6 131.5 112.2 160.3 126.2 125.4 119.2 101.0 66.0	50.4 50.4 50.2 50.2 50.0 48.7 54.1 90.8 92.4 99.1 58.4 58.1 62.9 71.2 71.7 48.4 58.5 67.4 58.5 67.4 58.5	per- bushed 84.9 82.5 93.1 84.5 85.7 94.1 97.8 168.4 183.0 91.9 93.5 96.7 126.8 137.7 109.2 117.8 125.7 119.3 106.4 72.5	per lon 9 80 9 58 13 25 14 28 9 49 9 13 12 28 12 20 20 20 16 92 24 28 13 63 18 73 10 59 16 61 12 52 11 78 13 41 12 98 10 01	per 10n 9 00 9 52 11 23 -12 04 6 67 8 48 10 82 19 84 17 05 22 95 10 71 12 75 14 68 15 12 14 13 28 15 32 17 78 14 12 10 34	per pound	Cants per bushel 76.0 108 3 89.8 69.8 69.8 117.7 186.0 126.9 146.8 127.2 112.8 107.0 127.3 174.6 170.1 143.3 101.2 117.1 140.8	Description of the control of the co	dollars pur bos 1 78 2 75 1 77 1 75 2 32 2 14 4 13 2 97 2 25 3 34 2 14 4 100 2 94 3 34 4 30 2 13 8 18 8 18 8 18 8 18 8 18 8 18 8 18 8	dollars per box 2 79 4 48 2 73 2 52 2 52 4 15 2 86 2 79 2 36 2 79 3 42 1 99 3 81 2 83 4 42 3 84 3 84 8 84 8 88	per bushel 0 86 0 94 0 95 0 99 0 48 4 1 56 1 44 1 56 1 1 30 1 30 0 72
1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1928 1927 1928	61.0 64.9 78.2 68.5 56.2 60.6 71.9 114.2 139.2 132.0 142.4 62.5 64.8 73.8 88.5 58.8 78.8 78.8	per bushel 102 2 87.6 95.8 94.4 97.1 109.2 110.1 193.8 212.9 213.8 131.5 112.2 160.3 137.3 128.2 110.1 0	50.4 50.4 50.2 50.2 50.0 48.7 54.7 54.1 90.8 92.4 99.1 58.4 56.1 62.9 71.2 71.7 48.4 58.5 67.4 50.2	94.9 84.9 82.5 93.1 84.5 85.7 94.1 97.8 168.3 191.0 188.4 188.0 91.9 93.5 94.7 126.8 137.7 109.2 117.8 112.8	per lon 9 80 9 58 13 25 14 28 9 49 9 13 12 28 16 92 20 29 16 92 24 28 13 53 10 59 16 61 12 52 11 76 12 13 41 12 98	per 10n 9 00 9 82 11 23 12 04 6 67 8 48 10 82 10 83 17 08 22 95 10 71 12 75 14 63 18 45 16 15 13 14 13 28 17 78 14 12	per pound	cants per bushel 76.0 108 3 89 8 69.8 68.4 76.8 117.7 186.0 125.9 146.8 226.2 127.2 112.8 107.0 127.3 174.6 174.8 101.3 101.3	Der buskel 2 86 2 76 2 64 2 84 2 71 2 95 8 49 6 58 4 20 4 18 8 31 3 30 3 58 4 52 2 8 33 3 26 5 5 19 4 30	dollars per box 1.78 2.78 1.77 1.75 2.32 2.14 4.13 2.97 2.34 2.14 4.00 2.94 3.34 4.30 2.94 4.30 2.94 4.30 2.94 4.30 2.94 4.30 2.94 4.30 2.94 4.30 2.94 4.30 2.94 4.00 2.94 4.30 2.94 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4	dollars per box 2 79 4 48 2 83 1 95 2 72 2 52 4 15 2 85 2 90 2 30 2 30 1 99 3 42 1 94 3 30 1 99 3 43 4 42 8 48	per bushel 0 86 0 94 0 93 0 99 0 43 0 99 1 25 1 44 1 567 1 35 1 34 1 1 20

<sup>\*</sup> Dashes indicate data not available.

Sources of data:

Calculations by author based on data presented in tables 15 to 39, inclusive.

TABLE 41 ANNUAL UNWEIGHTED AVERAGES OF MONTHLY FARM PRICES, CALIFORNIA, YEARS BEGINNING JULY 1, 1910-1932

Year										1		
beginning July 1	Beei cattle	Veal calves	Hogs		Lambs		Milk fat	Butter		Chick-		Horses
	dellars per 100	dollars	dollara per 100	dollare	dollars per 100	dollars per 100	conta per	conte per	oenta per	cente	cents per	dollars
	pounds	nonuge	pounds	pounds	pounde		pound	pound	dozen	pound	nound	per head
1910	5.82	6.57	7.89	5.19	6.23	2.54	33.2	30.8	28.8	14.9	13.6	146
1911	5.53	6.23	8.32	4.34	5.12	2.80	33.0	80.9	28.2	14.6	12.5	154
1912	6.14	6.82	6.77	4.69	5.62	2.53	37.3	32.5	27.0	14.1	14.8	143
1913	6.63	7.25	7 72	4.62	5.60	2.24	32.8	31.2	31.0	15.7	13.4	129
1914	8.38	7.77	7.38	5.47	5.48	2.14	31.0	29.5	29.3	15.2	16.5	119
1915	6.15	7.47	5.64	5.98	7.07	2.24	31.2	29.8	29.7	15.6	19.5	112
1916	7.09	8.07	9.09	7.88	9.96	2.32	38.8	34.2	34.3	17.5	30.7	112
1917	8.68	9.12	14.08	10.92	12.92	2.84	50.4	45.9	41.4	22.3	50.8	114
1918	9.89	10.72	15.58	10.86	12.81	2.09	84.3	65.0	49.8	29.1	46.1	111
1919	9.61	11.59	14.51	9.70	11.98	3.32	89.4	61.7	51.1	29.5	44.6	109
1920	7.93	9.76	11.41	6.82	8.97	8.13	55.5	53.0	43.1	28.8	18.7	103
1921	6.08	8.21	⊈.58	5.39	8.18	2.92	45.5	43.2	34.0	26.6	19.7	95
1922	6.33	8.16	9 48	7.47	11.09	2.82	52.3	46.0	34.5	24.0	36.3	96
1923	6.48	<b>8.28</b>	7.94	7.53	11.12	2.74	51.9	47.0	84.1	24.0	32.7	92
1984	6.49	8.27	10.18	7.88	11.47	2.54	48.₽	46.8	37.9	25.3	38.7	97
1925	6.92	9.42	13.20	8.43	12.25	2.60	53.2	51.2	36.5	26.2	35.4	91
1925	7.04	9.68	12.58	7.67	11.67	2.64	49.2	47.0	32.1	26.1	28.3	88
1927	8.62	10.68	9.78	8.25	12.04	2.66	49.5	46.6	29.9	24.5	31.2	81
1928	9.93	12.08	10.27	8.45	12.20	2.67	59.1	49.9	32.5	26.4	32.7	79
1929	9.95	11.82	10.22	7.23	10.52	2.64	45.8	44.5	33.4	26.2	22.5	76
1930	8.50	<b>9.18</b>	8.85	4.48	7.01	2.26	32.6	33.8	23.2	21.9	15.9	65
1931	4.98	6.35	5.13	8.11	5.24	1.83	25.8	26.8	20.9	17.7	10.6	54
1932	4.15	5.08	8.92	2.19	4.50	1.55	20.8	21.7	18.9	14.8	9.5	52
Year beginning July 1	Barley	Wheat	Oa,ta	Corn	Нау	Alfalfa	Cotton	Pota-	Beans	Or-	Lem-	Apples
Year boginning July 1	Barley	Wheat	Onta	Corn	dollars	dollars	Cotton cents	Pota- toes	dollars	anges dollars	ons dollars	dollare
Year beginning July 1	cenis per	cents per	cents per	cents per		dollars	cents per	toes cents per	dollars per	anges	ODS	dollare per
boginning July 1	cents per buskel	cents per bushsi	cenis per buskel	cents per bushel	dollars per ion	dollars per ion	cents	toes cents per bushel	dollars per buskel	anges dollars	ons dollars	dollare per bushel
beginning July 1	cents per buskel 55.7	cents per bushel 91.8	cents per buskel 49.2	cents per bushel 81.5	dollars per ton 9.37	dollars per ion 9.85	cents per	toes cents per bushel 95.5	dollars per buskel 2.83	anges dollars	ons dollars	dollare per bushel 0.84
July 1  1919  1911	cents per bueksi 55.7 79.8	cents per bushel 91.8 91.8	cents per buskel 49.2 55.3	cents per bushel 81.5 89.2	dollars per ton 9.37 11.32	dollars per ton 9.85 10.19	cents per	toes cenis per bushel 96.6 106.1	dollars per buskel 2.83 2.64	anges dollars per boz —	ons dollars per bax	dollara per bushai 0.84 0.95
July 1  1910  1911  1913	cents per bushel 55.7 79.8 69.2	cents per bushsi 91.8 91.8	cents per bunkel 49.2 55.3 54.6	cents per bushel 81.5 89.2 88.0	dollars per ton 9.37 11.32 14.11	dollars per ton 9.85 10.19 12.00	cents per pound	cents per buskel 96.6 106.1 59.5	dollars per buskel 2.83 3.64 2.68	anges dollars per boz	ons dollars per box — — 3.39	dollara per bushal 0.84 0.95 0.85
1919 1919 1911 1913 1918	cents per buelel 55.7 79.8 69.2 64.0	cents per bushel 91.8 91.8 95.4	cents per buskel 49.2 55.3 54.8 54.1	cents per bushel 81.5 89.2 88.0 88.1	dollars per ion 9.37 11.32 14.11 12.39	dollars per ton 9.85 10.19 12.00 9.15	cents per	toes cants per bushel 96.6 106.1 59.5 70.3	dollars per buskel 2.83 3.64 2.68	anges dollars per boz	ons dollars per box — — 3.39 3.71	dollara per bushel 0.84 0.95 0.85
1919 1911 1913 1913 1918 1918	cents per buskel 55.7 79.8 69.2 54.0 58.4	cents per bushel 91.8 91.8 95.4 94.8 110.8	cents per bushel 49.2 55.3 54.8 54.1 49.5	cents per bushel 81.5 89.2 88.0 86.1 90.9	dollars per ion 9.37 11.32 14.11 12.39 8.18	dollars per fon 9.85 10.19 12.00 9.15 7.14	cents per pound	toes cants per bushel 96.6 106.1 59.5 70.3 74.8	dollars per busksi 2.83 3.64 2.68 2.84 2.79	anges dollars per boz  1.94 2.44 1.76	ona dollars per baz — 3.39 3.71 2.54	dollara per bushel 0.84 0.95 0.85 1.12 0.82
1919 1919 1911 1913 1918 1914 1915	cents per buckel 55.7 79.8 69.2 54.0 58.4 60.0	cents per bushel 91.8 91.8 95.4 94.2 110.8	cents per buskel 49.2 55.3 54.8 54.1 49.5 47.9	cents per bushel 81.5 89.2 88.0 86.1 90.9 90.1	dollars per ion 9.37 11.32 14.11 12.39 8.18 10.95	dollars per ton 9.85 10.19 12.00 9.15 7.14 9.42	cents per pound	toes canis per bushel 96.6 106.1 59.5 70.3 74.8 89.0	dollars per buskel 2.83 3.64 2.68	anges dollars per boz 	ons dollars per box — — 3.39 3.71	dollara per bushel 0.84 0.95 0.85
1919 1911 1913 1913 1918 1914 1915	cents per buskel 55.7 79.8 69.2 64.0 58.4 60.0 97.1	cents per bushel 91.8 91.8 95.4 94.2 110.8 96.8 152.6	cents per buskel 49.2 55.3 54.8 54.1 49.5 47.9 71.2	cents per bushel 81.5 89.2 88.0 88.1 90.9 90.1 127.3	dollars per ion 9.37 11.32 14.11 12.39 8.18 10.95 14.46	dollars per ton 9.85 10.19 12.00 9.15 7.14 9.42 13.53	cents per pound	toes cants per bushel 96.6 106.1 59.5 70.3 74.8 89.0 176.6	dollars per bushal 2.83 3.64 2.65 2.84 2.79 8.11	anges dollars per boz  1.94 2.44 1.76	00.8 dollars per box ————————————————————————————————————	dollara per bushel 0.84 0.95 0.85 1.12 0.82
1919 1911 1913 1918 1918 1914 1915 1916	cents per buckel 55.7 79.8 69.2 64.0 58.4 60.0 97.1 135.1	cents per bushel 91.8 91.8 95.4 94.2 110.8 96.8 152.6 268.8	cents per buskel 49.2 55.3 54.8 54.1 49.5 47.9 71.2 88.8	cents per bushel 81.5 89.2 88.0 88.1 90.9 90.1 127.3 187.8	dollars per ion 9.37 11.32 14.11 12.39 8.18 10.95	dollars per ton 9.85 10.19 12.00 9.15 7.14 9.42	cents per pound	toes canis per bushel 96.6 106.1 59.5 70.3 74.8 89.0	dollars per bushsi 2.83 3.64 2.68 2.84 2.79 3.11 5.39	anges dollars per box - 1.94 2.44 1.76 1.83 2.44	00.8 dollars per box 	dollars per bushel 0.84 0.95 0.85 1.12 0.82 0.89
1919 1919 1911 1919 1918 1914 1915 1916 1917	cents per bushs! 55.7 79.8 69.2 64.0 58.4 60.0 97.1 135.1	cents per bushel 91.8 91.8 95.4 94.2 110.8 96.8 152.6 268.3 213.6	cents per buskel 49.2 55.3 54.8 54.1 49.5 47.9 71.2	cents per bushel 81.5 89.2 88.0 88.1 90.9 90.1 127.3	dollars per fon 9.37 11.32 14.11 12.39 8.18 10.95 14.46 19.14	dollars per fon 9.85 10.19 12.00 9.15 7.14 9.42 13.53 18.82	cents per pound	cents per bushel 96.6 106.1 59.5 70.3 74.8 89.0 176.6 125.8	dollars per buskel 2.83 3.64 2.68 2.84 2.79 3.11 5.39 6.21	anges dollars per boz 1.94 2.44 1.76 1.83 2.44 2.76	00.8 dollars per box 	dollars per bushel 0.84 0.95 0.85 1.12 0.82 0.89 1.00 1.09
1919 1919 1911 1913 1918 1914 1916 1916 1917 1918	cents bushal 55.7 79.8 69.2 64.0 58.4 60.0 97.1 185.1 119.6	cents per bushal 91.8 95.4 94.2 110.8 96.8 162.6 208.3 213.6	cents per bushel 49.2 55.3 54.5 54.1 49.5 47.9 71.2 88.8 90.0	cents per bushal 81.5 89.2 88.0 86.1 90.9 90.1 127.3 187.8 191.7	dollars per ton 9.37 11.32 14.11 12.39 8.18 10.95 14.45 19.14 18.39 21.87	dollars per ton 9.85 10.19 12.00 9.15 7.14 9.42 13.53 18.62 17.05 21.78	cents per pound	toee canis per bushel 96.6 106.1 59.5 70.3 74.8 89.0 176.6 125.8 137.7	dollars per bushel 2.83 3.04 2.68 2.84 2.79 3.11 6.39 6.21 4.79	anges dollars per box 	ons dollars per box 	dollara per bushel 0.84 0.95 0.85 1.13 0.82 0.89 1.00 1.09 1.83
1919 1911 1913 1913 1914 1916 1916 1917 1918 1919	cents buels! 55.7 79.8 69.2 64.0 58.4 60.0 97.1 185.1 119.6 155.5	cents per bushal 91.8 95.4 94.2 110.8 96.8 162.6 208.3 213.6 221.0	cents per bushel 49. 2 55. 3 54. 5 54. 1 49. 5 47. 9 71. 2 88. 8 90. 0 99. 8 78. 1	cents per bushal 81.5 89.2 88.0 86.1 90.9 90.1 127.3 187.8 191.7 193.4 182.5	dollars per ton 9.37 11.32 14.11 12.39 8.18 10.95 14.45 19.14 18.39 21.87 18.98	dollars per ton 9.85 10.19 12.00 9.15 7.14 9.42 13.53 18.62 17.05 21.78 16.13	cents per pound	toee censs per bushel 96.6 106.1 89.5 70.3 74.8 89.0 176.6 135.8 137.7 250.1 178.4	dollars per busksi 2,83 3,64 2,68 2,84 2,79 3,11 5,39 6,21 4,79 4,40 3,50	anges dollars per box 1.94 2.44 1.76 1.83 2.44 2.76 4.07 3.43 2.87	ons dollars per box ————————————————————————————————————	dollars per bushel 0.84 0.95 0.85 1.12 0.82 0.89 1.00 1.09 1.82 2.07
1919 1911 1913 1913 1914 1915 1916 1917 1918 1919 1920	cents per bushal 55.7 79.8 69.2 64.0 58.4 60.0 97.1 135.1 119.6 155.5	cents per bushel 91.8 91.8 95.4 94.2 110.8 96.8 152.6 208.3 213.6 221.0 178.2	cents per buskel 49.2 55.3 54.8 54.1 49.5 47.9 71.2 88.8 90.0 99.8 78.1 53.8	cents per bushal 81.5 89.2 88.0 88.1 90.9 90.1 127.3 187.8 191.7 193.4 132.5 88.0	dollars per ton 9.37 11.32 14.11 12.39 8.18 10.95 14.46 19.14 18.39 21.57 18.98 12.78	dollara per ton 9.85 10.19 12.00 9.15 7.14 9.42 13.53 18.62 17.05 21.78 16.12 11.46	cents per pound	toes cents per bushel 96.6 106.1 59.5 70.3 74.8 89.0 176.6 125.8 137.7 250.1 178.4 129.2	dollars per busksi 2,83 3,64 2,68 2,84 2,79 3,11 5,39 6,21 4,79 4,40	anges dollars per box 	ons dollars per box  3.39 3.71 2.54 2.02 2.73 3.28 8.83 3.20 2.05	dollars per bushel 0.84 0.95 0.85 1.12 0.82 0.80 1.09 1.83 2.07 1.54 1.69
1919 1913 1913 1913 1918 1914 1916 1917 1918 1919 1920 1921	cents per bushal 55.7 79.8 69.2 64.0 58.4 60.0 97.1 135.1 155.5 99.9 62.9 88.9	cents per bushal 91.8 91.8 95.4 94.2 110.8 96.8 152.6 208.8 213.6 221.0 178.2 115.3	cents per buskel 49.2 55.3 54.6 54.1 49.5 47.9 71.2 88.8 90.0 99.8 78 1 53.8	cents per bushal 81.5 89.2 88.0 86.1 90.9 90.1 127.3 187.8 191.7 193.4 132.5 88.0 96.5	dollars per ton 9.37 11.32 14.11 12.39 8.18 10.95 14.45 19.14 18.39 21.57 18.98 12.78 18.67	dollara per lon 9.85 10.19 12.00 9.15 7.14 9.42 13.53 18.62 17.05 21.73 16.12 11.46 13.82	cents per pound — — — — — — — — — — — — — — — — — — —	toes cants per bushel 96.6 106.1 89.5 70.3 74.8 89.0 176.6 125.8 137.7 250.1 178.4 129.2 95.0	dollars per buskel 2.83 3.04 2.08 2.84 2.79 3.11 5.39 6.21 4.73 4.40 3.50 3.45 3.50	anges dollars per box  1.94 2.44 1.76 1.83 2.44 2.76 4.07 3.43 2.57 2.90 2.70	ons dollars per box  3.39 3.71 2.54 2.02 2.73 3.26 3.26 3.26 3.20 2.03	dollars per bushel 0.84 0.95 0.85 1.12 0.82 0.89 1.00 1.09 1.83 2.07
1919 1911 1912 1918 1914 1915 1916 1917 1918 1919 1920 1921 1922	cents per bushel 55.7 79.8 69.2 64.0 97.1 135.1 119.6 155.5 99.9 62.9 68.9 72.1	cents per bushel 91.8 91.8 95.4 94.2 110.8 96.8 152.6 208.8 213.6 221.0 178.2 115.3 108.6	cents per buskel 49.2 55.3 54.6 54.1 49.5 47.9 71.2 88.8 90.0 99.8 78.1 53.8 62.9 61.2	cents per bushal 81.5 89.2 88.0 88.1 90.9 90.1 127.3 187.8 191.7 193.4 132.5 88.0	dollars per ton 9.37 11.32 14.11 12.39 8.18 10.95 14.46 19.14 18.39 21.57 18.98 12.78	dollara per ton 9.85 10.19 12.00 9.15 7.14 9.42 13.53 18.62 17.05 21.78 16.12 11.46	cents per pound — — — — — — — — — — — — — — — — — — —	toes cents per bushel 96.6 106.1 59.5 70.3 74.8 89.0 176.6 125.8 137.7 250.1 178.4 129.2	dollars per bushsi 2.83 3.64 2.65 2.84 2.79 3.11 5.39 6.21 4.79 4.40 3.50 3.45	anges dollars per box  1.94 2.44 1.76 1.83 2.44 2.76 4.07 3.43 2.87	Ons dollars per box  3.39 3.71 2.54 2.02 2.73 3.26 3.83 3.20 2.03 2.87 3.17	dollars per bushel 0.84 0.95 1.12 0.82 0.89 1.00 1.09 1.83 2.07 1.54 1.69
1919 1911 1913 1918 1914 1916 1916 1917 1918 1919 1920 1921 1923 1923	cents per bushal 55.7 79.8 69.2 64.0 58.4 60.0 97.1 135.1 119.6 155.5 93.9 62.9 68.9 72.1 109.0	cents per bushel 91.8 91.8 95.4 94.2 110.8 96.8 152.6 208.8 213.6 221.0 178.2 115.3 108.6 157.9	cents per buskel 49.2 55.3 554.6 54.1 49.5 47.9 71.2 88.8 90.0 99.8 78.1 53.8 63.9 61.2	cents per bushel 81.5 89.2 88.0 86.1 90.9 90.1 127.3 187.8 191.7 193.4 132.5 88.0 96.5	dollars per fon 9. 37 11. 32 14. 11 12. 39 8. 18 10. 95 14. 45 19. 14 18. 39 21. 57 18. 98 12. 78 18. 67 13. 74	dollars per ton 9.85 10.19 12.00 9.15 7.14 9.42 13.53 18.62 17.05 21.73 16.13 11.46 13.82 15.92	cents per pound — — — — — — — — — — — — — — — — — — —	toes cents per bushel 96.6 106.1 59.5 70.3 74.8 89.0 176.6 125.8 137.7 250.1 178.4 129.2 95.9	dollars per bushel 2.83 3.64 2.68 2.84 2.79 3.11 5.39 6.21 4.79 4.40 3.56 3.50 3.60	anges dollars per bez  1.94 2.44 1.76 1.83 2.44 2.76 4.07 3.43 2.87 2.90 2.70 1.90	Ons dollars per box  3.39 3.71 2.54 2.02 2.73 3.26 3.83 3.20 2.03 2.87 3.17 2.33	dollars per bushel 0.84 0.95 0.85 1.12 0.82 0.89 1.00 1.09 1.82 2.07 1.54
1919 1911 1913 1913 1914 1915 1916 1917 1918 1919 1920 1921 1923 1923 1924	cents per bushs! 55.7 79.8 69.2 64.0 58.4 60.0 97.1 135.1 119.6 155.5 99.9 62.9 68.9 72.1 109.0 68.0	cents per bushel 91.8 95.8 94.2 110.8 96.8 152.6 298.8 221.0 178.2 115.2 115.3 108.5 157.9	cents per buskel 49.2 55.3 54.8 54.1 49.5 47.9 71.2 88.8 90.0 99.8 78.1 63.8 62.9 81.7 56.0	cents per bushel 81.5 89.2 88.0 86.1 90.9 90.1 127.3 187.8 191.7 193.4 132.5 88.0 96.5 108.6 141.4	dollars per fon 9.37 11.32 14.11 12.39 8.18 10.95 14.45 19.14 18.89 21.57 18.98 12.78 18.67 13.74 19.20	dollars per ton 9.85 10.19 9.15 7.14 9.42 13.53 18.62 17.05 21.78 16.12 11.46 13.82 15.92 19.06	cents per pound	toes cents per bushel 96.6 106.1 59.5 70.3 89.0 176.6 125.8 137.7 250.1 178.4 129.2 95.9 135.9 143.5	dollars per bushel 2.83 3.64 2.68 2.84 2.79 3.11 5.39 6.21 4.79 4.40 3.50 3.45 3.60 4.35	anges dollars per bez  1.94 2.44 1.76 1.83 2.44 2.76 4.07 3.43 2.87 2.90 2.70 1.90 3.07	Ons dollars per box  3.39 3.71 2.54 2.79 3.26 3.85 3.20 2.05 3.87 3.17 2.33 3.04	dollars per bushel 0.84 0.95 0.85 1.12 0.82 0.89 1.09 1.83 2.07 1.54 1.69 1.57 1.54
1919 1911 1913 1913 1914 1916 1916 1916 1917 1918 1919 1920 1921 1922 1923 1923 1925	cents per bushel 55 7 79 8 69 2 64 0 58 4 60 0 97 1 185 1 119 6 155 5 96 9 72 1 109 0 68 0 61 8	cents per bushal 91.8 95.4 94.2 110.8 96.8 152.6 298.8 213.6 221.0 178.2 115.3 108.6 157.9 147.9	cents per bushel 49.2 55.3 54.6 54.1 49.5 47.9 71.2 88.8 90.0 99.8 78.1 53.8 62.9 61.2 81.7 56.0	cents per bushal 81.5 89.2 88.0 86.1 90.9 90.1 127.3 187.8 191.7 193.4 132.5 88.0 96.5 108.6 141.4 118.2 110.9	dollars per ton 9.37 11.32 14.11 12.39 8.18 10.95 14.45 19.14 18.89 21.57 18.97 13.74 19.20 13.35 11.97	dollars per ton 9.85 10.19 12.00 9.15 7.14 9.35 13.53 18.62 17.05 21.78 16.12 11.48 13.82 15.92 19.08 13.58 13.58	cents per pound	toes cants per bushel 96. 6 106. 1 59. 5 70. 3 74. 8 89. 0 176. 6 125. 8 137. 7 250. 1 178. 4 129. 2 95. 9 135. 9 143. 5 203. 4	dollars per busksi 2.83 2.04 2.08 2.84 2.79 3.11 5.39 6.21 4.79 4.40 3.50 3.45 3.50 4.35 4.28	anges dollars per box	ons dollars per box  3.39 3.71 2.54 2.02 2.73 3.88 3.20 2.05 2.87 3.17 2.33 3.04 2.81	dollars per bushel 0.95 0.85 1.12 0.82 0.82 1.00 1.09 1.82 2.07 1.54 1.57 1.53 1.58
1916 1911 1913 1913 1914 1916 1916 1917 1918 1919 1920 1921 1923 1923 1924 1925 1926 1927	cents per bushel 55.7 79.8 69.2 54.0 58.4 60.0 97.1 135.1 119.6 155.5 99.9 68.9 72.1 109.0 61.8	cents per bushel 91.8 91.8 95.4 94.2 110.8 95.6 152.6 208.3 213.6 221.0 178.2 115.3 108.6 157.9 147.2 131.9	cents per bushel 49.2 56.3 54.6 54.1 49.5 47.9 77.2 88.8 90.0 99.8 78.1 53.8 62.9 61.2 81.7 66.0 49.8	cents per bushal 81.5 89.2 88.0 86.1 90.9 90.1 127.3 187.8 191.7 193.4 132.5 88.0 96.5 108.6 141.4 118.2 110.9 123.1	dollars per fon 9 37 11 32 14 11 12 39 8 18 10 95 14 45 19 14 18 59 21 57 18 98 12 78 18 77 13 74 10 20 13 35	dollars per ton 9.85 10.12 00 9.15 7.14 9.42 13.53 18.62 17.05 21.78 16.13 11.46 13.82 15.02 19.06 13.58	cents per pound	toes cents per bushel 96. 6 106. 1 59. 5 70. 3 74. 8 89. 0 176. 6 125. 8 137. 7 250. 1 129. 2 95. 9 135. 9 143. 5 203. 4 143. 8	dollars per bushsi 2.83 3.64 2.65 2.84 2.79 3.11 4.79 4.40 3.50 3.45 3.50 4.35 4.28 3.46	anges dollars per bez  1.94 2.44 1.76 1.83 2.76 4.07 3.43 2.87 2.90 2.70 1.90 3.07 3.59 2.95	ons dollars per box	dollars per bushel 0.84 0.85 1.12 0.89 1.00 1.09 1.82 2.07 1.54 1.57 1.54 1.58 1.12
1919 1911 1913 1918 1914 1916 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928	cents per bushel 55.7 79.8 69.2 66.0 58.4 60.0 97.1 135.1 119.6 155.5 99.9 62.9 72.1 109.0 68.0 68.0 69.1.8 74.3	cents per bushel 91.8 95.4 94.2 110.8 96.8 152.6 208.3 213.6 221.0 178.2 115.3 108.6 157.9 147.2 131.9	cents per buckel 49.2 56.3 54.8 54.1 49.5 47.9 71.2 88.8 90.0 99.8 78.1 53.8 62.9 61.2 81.7 56.0 49.8 62.3	cents per bushal 81.5 89.2 88.0 86.1 90.9 90.1 127.3 187.8 191.7 193.4 132.5 88.0 96.5 108.6 141.4 118.2 110.9	dollars per fon 9.37 11.32 14.11 12.39 8.18 10.95 14.45 19.14 18.29 21.57 18.98 12.78 18.67 13.74 10.20 13.35 11.97 12.47	dollars per ton 9.85 10.19 12.00 9.15 7.14 9.42 13.53 18.62 17.05 21.78 16.13 11.46 13.82 15.92 19.06 13.58 12.72 14.69	cents per pound	toes cents per bushel 96. 6 106. 1 70. 3 74. 8 89. 0 176. 6 125. 8 137. 7 250. 1 178. 4 129. 2 95. 9 143. 5 203. 4 143. 8 117. 5	dollars per busksi 2.83 2.08 2.84 2.79 3.11 6.39 6.21 4.79 4.40 3.50 3.60 4.35 4.28 3.46 3.46 3.59	anges dollars per bez  1.94 2.44 1.76 1.83 2.44 2.76 4.07 3.43 2.87 2.90 2.70 1.90 3.07 3.59 3.97	ons dollars per box  3.39 3.71 2.54 2.02 2.73 3.26 3.83 3.20 2.03 3.17 2.33 3.04 2.81 4.68	dollars per bushel 0.84 0.95 0.85 1.12 0.82 0.80 1.09 1.82 2.07 1.54 1.63 1.53 1.54
1916 1911 1913 1913 1914 1916 1916 1917 1918 1919 1920 1921 1923 1923 1924 1925 1926 1927	cents per bushel 55.7 79.8 69.2 54.0 58.4 60.0 97.1 135.1 119.6 155.5 99.9 68.9 72.1 109.0 61.8	cents per bushel 91.8 91.8 95.4 94.2 110.8 95.6 152.6 208.3 213.6 221.0 178.2 115.3 108.6 157.9 147.2 131.9	cents per bushel 49.2 56.3 54.6 54.1 49.5 47.9 77.2 88.8 90.0 99.8 78.1 53.8 62.9 61.2 81.7 66.0 49.8	cents per bushel 81.5 89.2 88.0 86.1 90.9 90.1 127.3 187.8 191.7 193.4 132.5 88.0 96.5 108.6 141.4 118.2 110.9 123.1	dollars per for 11.32 14.11 12.39 8.18 10.95 14.46 19.14 18.39 21.87 18.98 12.78 18.67 13.74 10.20 13.35 11.97 14.73	dollars per ton 9.85 10.19 12.00 9.15 7.14 9.42 13.53 18.62 17.05 21.78 16.12 11.46 13.82 15.92 19.06 13.58 12.72 14.69 16.79	cents per pound	toes cents per bushel 96. 6 106. 1 70. 3 74. 8 89. 0 176. 6 125. 8 137. 7 250. 1 178. 4 129. 2 95. 9 143. 5 203. 4 143. 5 200. 4	dollars per busksi 2.83 2.84 2.79 3.11 6.39 6.21 4.79 4.40 3.50 3.45 4.28 3.46 4.35 4.28 3.46 4.35	anges dollars per boz  1.94 2.44 1.76 1.83 2.44 2.76 4.07 3.43 2.87 2.90 3.07 3.59 2.95 3.97 3.28	Ons dollars per box	dollars per bushel 0.84 0.95 0.85 1.12 0.82 0.89 1.00 1.09 1.82 2.07 1.54 1.53 1.58 1.12 1.22
1916 1911 1913 1913 1914 1915 1916 1917 1918 1919 1920 1921 1923 1923 1924 1925 1926 1927 1928	cents per bushel 55.7 79.8 69.2 64.0 58.4 60.0 97.1 185.1 119.6 155.5 962.9 68.9 72.1 109.0 61.8 91.8 74.3 66.4 48.8	cents per bushal 91.8 95.4 94.2 110.8 96.8 152.6 298.8 213.6 221.0 178.2 115.3 108.6 157.9 147.2 131.9 137.2 116.1 79.2	cents per bushel 49.2 55.3 54.6 54.1 40.5 47.9 88.8 90.0 99.8 78.1 78.2 88.8 63.9 61.2 81.7 65.0 49.9 68.2 62.3 58.9 64.4	cents per bushal 81.5 89.2 88.0 86.1 90.9 90.1 127.3 187.8 191.7 193.4 132.5 88.0 96.5 108.6 141.4 118.2 110.9 123.1 112.8 90.5	dollars per fon 9.37 11.32 14.11 12.39 8.18 10.95 14.46 18.39 21.87 18.98 12.78 13.74 19.20 13.55 11.97 14.73 14.73 14.73	dollars per ton 9.85 10.19 9.15 7.14 9.42 13.53 18.62 17.05 21.78 16.12 11.46 13.82 15.92 19.06 13.58 12.72 14.69 16.79 16.68	cents per pound	toes cents per bushel 96. 6 106. 1 89. 5 70. 3 74. 8 89. 0 176. 8 137. 7 250. 1 178. 4 129. 2 95. 9 135. 9 143. 5 203. 4 143. 8 117. 5 90. 4 151. 7	dollars per bushsi 2.83 2.64 2.65 2.84 2.79 6.21 4.79 4.40 3.50 3.45 3.50 3.45 3.50 3.45 3.50 3.45 3.50 3.65 3.50 3.65 3.50	anges dollars per boz  1.94 2.44 1.76 1.83 2.47 2.76 4.07 3.43 2.87 2.90 2.90 3.07 3.59 2.95 3.97 3.88 3.30	Ons dollars per box	dollars per bushel 0.84 0.85 1.12 0.89 1.00 1.09 1.83 2.07 1.54 1.69 1.57 1.54 1.12 1.58 1.12 1.58
1910 1911 1911 1913 1914 1916 1916 1916 1917 1918 1920 1921 1922 1923 1924 1925 1926 1927 1928	cents per bushel 55.7 79.8 69.2 64.0 58.4 60.0 97.1 135.1 119.6 155.5 99.9 62.9 68.0 61.8 91.8 74.3 66.4	cents per burhel 91.8 91.8 95.4 94.2 110.8 96.8 152.6 221.0 178.2 115.3 115.3 115.3 115.3 115.3 115.3 115.3 115.3 115.3 115.3 115.3 115.3	cents per buskel 49.2 55.3 54.5 54.1 47.5 71.2 83.8 90.0 99.8 153.8 62.9 81.7 56.0 49.9 68.2 62.3 58.3 58.9	cents per bushel 81.5 89.2 88.0 86.1 90.9 90.1 127.8 191.7 193.4 132.5 88.0 96.5 108.6 141.4 118.2 110.9 123.1 112.8	dollars per ton 9. 37 11. 32 14. 11 12. 39 8. 18 10. 95 14. 45 19. 14 18. 89 21. 87 18. 67 13. 74 10. 20 13. 35 11. 97 14. 72 10. 68	dollars per ton 9.85 10.19 12.00 9.15 7.14 9.42 13.53 18.82 17.05 21.78 16.18 13.82 15.92 19.06 13.58 12.72 14.69 16.69 11.38	cents per pound	toes cants per bushel 96. 6 106. 1 59. 5 70. 3 74. 8 89. 0 176. 6 125. 8 137. 7 250. 1 178. 4 129. 2 95. 9 143. 5 143. 8 117. 5 90. 4 151. 7 102. 9	dollars per buskst 2.83 2.64 2.08 2.84 2.79 3.11 5.39 6.21 4.79 4.40 3.45 3.50 3.45 3.50 4.35 4.28 3.46 3.59 4.50 3.06	anges dollars per bez  1.94 2.44 1.76 1.83 4.07 3.43 2.78 4.07 3.43 2.70 1.90 3.07 3.59 2.95 3.97 3.28 3.30 3.08	3.39 3.71 2.64 2.02 2.73 3.26 3.85 3.20 2.87 3.17 2.33 4.68 2.82 2.82 2.87 5.00 2.75	dollars per bushel 0.95 0.85 1.12 0.89 1.00 1.09 1.82 2.07 1.54 1.63 1.58 1.12 1.54 1.52

<sup>\*</sup> Dashes indicate data not available.

Sources of data: Calculations by author based on data presented in tables 16 to 39, inclusive.

TABLE 42 Annual Weighted Averages of Monthly Farm Prices, California, Calendar YEARS, 1910-1983

Year beginning January I	Beef cattle	Vesi calves	Hogs	Sheep	Lambe	Milk	Milk fat	Butter	Eco	Chisk-	Wool	Horses
<del></del>	dollars per 100	dollare per 100	per 100	dollars per 100		dollars per 100	cents per	cenia per	oente per	ornis per	cente per	dollars per
1910		pound: 6.08		pounds 5.23		pounds	pound	pound	dosan D 2	pound	possi	hesé
	5.63 5.65	6.48	8.48 6.63	4 55	5.06	3 61	34 8	31 1 90.9		14 9	16 1	139
1915 1912	5.72	6.45	6.48	4.43	6 07 5.87	2 75	29.9 35.6	32.3	26.3 26.7	14 9	13 8	144
	6 53	7.04	7.27	4.55		2 38		82.0 12.5			14 8	147
3918 1914	6.60	7.68	7.91	5.02	5.69 6.06		36.5 30.5	29.1	27.9	14.7	14 0 14 0	186
1915	6.09	7.53	6.66	5.71	6 88	2.18 3.15	20.8	28.7	29 4 27 5	15 6 18 5	19 3	th.
1916	6.30	7.59	7.19	6.39	7.62	2 22	83 0	30 2	29.5	10 1	22 0	118
1917	8.02	8.61	12.46	9.66	15.84	2.50	45 0	40 3	86.5	19 8	47 6	111
1917	0.70	0.01	15.05	11.29	13 81	2.00	86.0	50 7	45 1	20 8	50 1	113 113
1010	9.86	11 33	15.41	9.79	12 84	8.13	67.5	56 Z	50 8	20 8	43.1	100
1920	0 L6	10.98	18.59	8.45	11.71	8.50	67.8	621	45.0	20 3	85.0	100
1921	0.43	8 67	9.54	5.13	7.62	2.89	46.0	44 4	89.7	97 9	11.4	
1922	6.39	8.16	10.03	6.54	10.38	9 85	45.7	43 0	31 4	25 1	32 2	98
1923	6.16	8 28	8.58	7.49			88.4					97
1924	6.46	7.98	8.30	7.18	11.81	3.81		46 8	33 9	25 6	36 0	98
1925	6.62	9.06	12.59	8.22	10 95	2.58	46.6	47 0	85 2	34 3	84 8	99
1925	6.02	9.57	1 .	7.93	12 42	2 66	58 1	51.1	87.5	26.8	静力	97
1927	7.44	10.01	18.45	7.89	11.90	2.65	48.0	46.8	82.5	25 3	30 2	85
	9.72	11.60	11.08	8.31	11.80	2.67	50.1	47.8	28.6	25 2	27 8	84
1928 1929	9 63		9.80		12 28	2 65	50 4	47.8	39 6	15 B	85.2	50
1920	7.86	11.92	10.40	8.13	12 01	2.68	50 6	48.2	82 1	26.9	27.0	80
1931		10.42	9.95	8.55	8.79	2.48	80 3	89.5	27.3	24.0	17.5	55
	5.65	7.50	6.88	8.52	6 38	2 06	26.1	29 5	20.7	20.2	12 9	65
1932	4.53	5.63	4.10	2 50	4 80	1.66	21.5	23 4	18 1	14 8	8.0	80
1983	4 08	8 08	4 19	2.49	4 92	1 52	21 4	21 7	17 9	18 7	17 1	85
Year	1	1	I .	ŧ –								
beginning January I	Barley	Wheat	Outs	Corn	Нау	Alfalfa	Cotton	Pots-	Reams	Or-	Lem-	Apples
beginning	cents	cenia	centa	cente	dollars	Alfalfa dollare	Cotton cente		Beans dollars	anges dollars	dollare	Apples
beginning	cents per	cenia per	centa per	cents per			canta per	toes eenia par	dollars per	#ILEGE	dollare	dollars per
beginning January 1	cents per bushei	cenia per bushai	centa per bushei	cente per buskel	dollars per ton	dollare per ten	caπia par pound	toes esnis per bushel	dollars per bushel	anges dollars	dollare	dollars per bushel
January 1	cents per bushel 58.4	cenia per bushal 101.5	centa per bushel 55.2	centa per buskel 84.9	dollars per ton 9 54	dollare per ten 8.89	canta per	toes eente per bushel 76.1	dollars per bushel 2 63	anges dollars	dollare	dollars per bushel 0.86
beginning January 1 1910 1911	cente per bushei 58.4 66.0	cenia per bushel 101.5 87.4	cenša per bushel 55.2 50.2	cents per busket 84 9 82 8	dollars per ton 9 54 9 82	dollars per ton 8.89 9.37	caπia par pound	toes esnis per bushel 76.1 106.8	dollars par bushel 2 63 2 76	anges dollars per box	ons dollars per bas —	dollars par bushel 0.85 0.86
beginning January 1 1910 1911 1912	cents per bushel 58.4	cenia per bushal 101.5	centa per bushel 55.2 50.2 55.1	cents per busket 84 9 82 8 93 0	dollars per ton 9 54 9 32 12 00	dollars per ton 8.89 9.3? 11.05	caπia par pound	toes esnis per bushel 76.1 106.8 80.6	dollars per bushel 2 63 3 76 3 84	anges dollars per boz — — 1.77	ons dollars per bos	dollars par bushal 0.86 0.86 0.86
1910 1911 1912 1913	centa per bushei 58.4 66.0 75.0	cenie per bushel 101.5 87.4 95.4	censa per buehel 55.2 50.2 55.1 56.4	cents per busket 84 9 82 8 93 0 84 8	dollars per ton 9 54 9 82 12 00 14 20	dollars per ten 8.89 9.37 11.05 12.02	caπia par pound	ernie per bushel 76.1 106.6 80.6 63.8	dollars per bushel 2 63 2 76 2 84 2 87	anges dollars per box — 1.77 2.69	dollars per bes 	dollars par bushal 0.86 0.86 0.86 0.96
1910 1911 1912 1913 1914	cents per bushei 58.4 66.0 75.0 68.8	cenis per bushsi 101.5 87.4 95.4 94.2 97.4	cense per bushel 55.2 50.2 55.1 56.4 49.6	cents per busket 84 9 82 8 93 0 84 8	dollars per ton 9 54 9 32 12 00 14 20 8 94	dollars per ten 8 89 9 37 11 06 12 02 6 52	canta per pound ————————————————————————————————————	toes esnis per bushel 76.1 106.8 80.6 83.8 66.9	dollars per bushel 2 62 2 76 2 84 2 87 2 87	anges dollars per boz	dollars per bes — 2.75 4.42 2.77	dollars par bushal 0.86 0.86 0.86 0.96 0.81
1910 1911 1912 1913	cente per bushel 58.4 66 0 75.0 68.8 53.4	cenis per bushel 101.5 87.4 95.4	censa per buehel 55.2 50.2 55.1 56.4	cents per busket 84 9 82 8 93 0 84 8	dollars per ton 9 54 9 32 13 00 14 20 8 94 8 99	dollars per ten 8 89 9 37 11 06 12 02 6 52 8 26	caπia par pound	toes emia per bushel 76.1 106.6 80.6 83.8 66.9 73.1	dollars per bushel 2 63 2 76 2 84 2 87 2 82 2 97	angen dollars per box 1.77 2 69 1.73 1.71	dollars per box 	dollars par bushal 0.86 0.86 0.86 0.85 0.96 0.81
1910 1911 1912 1913 1914 1915	cents per bushel 58.4 66.0 75.0 68.8 53.4 57.7	cenis per bushel 101.5 87.4 95.4 94.2 97.4 107.6	centa per bushel 55.2 50.2 55.1 56.4 49.6 48.0	cents per buskel 84 9 82 8 93 0 84 8 85 2 93 7	dollars per ton 9 54 9 32 12 00 14 20 8 94 8 99 12 14	dollars per ten 8 89 9 37 11 05 12 02 6 52 8 26 10 78	eanta per pound ————————————————————————————————————	toes emi4 per bushel 76.1 106.6 80.6 83.8 66.9 73.1 119.3	dollars per bushel 2 63 3 76 2 84 2 87 2 62 2 97 3 84	######################################	ons dollars per bos  2.74 4.42 2.77 1.91 2.50	dollars par bushal 0.86 0.86 0.85 0.96 0.81 0.75
1910 1911 1912 1913 1914 1915	centa per bushel 58.4 66.0 75.0 68.8 53.4 57.7 71.6	cenia per bushel 101.5 87.4 95.4 94.2 97.4 107.6	centa per bushel 55.2 50.2 55.1 56.4 49.6 48.0 56.8	cents per busket 84 9 82 8 93 0 84 8 85 2 93 7 99 0	dollars per ton 9 54 9 32 13 00 14 20 8 94 8 99 12 14 16 69	dollars per ten 8 89 9 37 11 05 12 02 6 52 8 26 10 78 15 82	eanta per pound —	toes ernis per bushel 76.1 106.8 80.6 83.8 66.9 73.1 119.8 167.7	dollars par bushel 2 82 2 76 2 84 2 87 2 82 2 97 1 84 6 18	######################################	ons dollars per bos	dollars par bushal 0.86 0.86 0.85 0.96 0.81 0.75 0.89 1.00
1910 1911 1912 1913 1914 1916 1916	cente per bushel 58.4 66.0 75.0 68.8 53.4 57.7 71.6 113.2	cenie per buehel 101.5 87.4 95.4 94.2 97.4 107.6 111.7 194.4	censa per buehel 55.2 50.2 55.1 56.4 49.6 48.0 56.8 84.5	cents per busket 84 9 82 8 93 0 84 8 85 2 93 7 99 0 170 2	dollars per ton 9 54 9 82 13 00 14 20 8 94 8 99 12 14 16 69 19 84	dollars per ten 8 89 9 37 11 06 12 02 6 52 8 26 10 78 15 82 18 92	canta par pound ————————————————————————————————————	toes ernis per bushel 76.1 100.8 80.6 63.8 66.9 73.1 119.3 167.7	doliars par bushel 2 63 2 76 2 84 2 87 2 62 2 97 1 84 6 18 8 45	######################################	ons dollars per bos  2.78 4.42 2.77 1.91 2.50 2.42 4.07	dollars par bushel 0.85 0.85 0.85 0.96 0.81 0.75 0.89 1.00 1.30
1910 1911 1912 1913 1914 1915 1916 1917	cents per bushel 58.4 66.0 75.0 68.8 53.4 57.7 71.6 113.3	cenia per bushei 101.5 87.4 95.4 94.2 97.4 107.6 111.7 194.4 212.8	censa per bushei 55.2 50.2 55.1 66.4 49.6 48.0 56.8 84.5	cents per buskel 84 9 82 8 93 0 84 8 85 2 93 7 99 0 170 2 192 0	dollars per ton 9 54 9 82 12 00 14 20 8 94 8 99 12 14 16 89 19 84 16 38	dollars per ten 8 89 9 37 11 05 12 02 6 52 8 26 10 78 15 82 16 83	canta per pound	toes ernis par bushis 100 8 80 6 83 8 66.9 73.1 119.3 167.7 138.5	dollars par bushel 2 63 2 76 2 87 2 82 2 97 1 84 6 18 5 45 4 35	### ##################################	2.75 4.42 2.77 1.91 2.60 2.42 4.07 2.88	dollars par bushal 0.86 0.86 0.86 0.81 0.75 0.81 0.75 0.81
1910 1911 1912 1913 1914 1915 1916 1917 1918	cents per bushel 58 4 66 0 75 0 68 8 53 4 57 7 71 6 113 3 135 7	cenia per bushsi 101 5 87 4 95 4 94 2 97 4 107 5 111 7 194 4 212 8 213 7	censa per bueshei 55. 2 50. 2 55. 1 66. 4 49. 6 48. 0 56. 8 84. 5 90. 3	cents per buskel 9 84 9 82 8 93 0 84 8 85 2 93 7 99 0 170 2 192 0 186 3	dollars per ton 9 54 9 82 13 00 14 20 8 94 8 99 12 14 16 89 19 84 16 38 23 96	dollars per ten 8 89 9 37 11 05 12 02 6 52 8 26 10 78 15 82 16 83 22 62	canta per pound	toes ernis par bushis 100 8 80 6 83 8 66 9 73 1 119 3 167 7 138 5 158 4 273 1	dollars par bushel 2 82 2 76 2 84 2 87 2 82 2 97 3 84 6 18 5 45 4 35 4 90	### ##################################	2.75 4.42 2.77 1.91 2.60 2.42 4.07 2.88 3.06	dollars par bushal 0.85 0.86 0.85 0.96 0.81 0.75 0.89 1.00 1.30 1.69
1910 1911 1912 1913 1914 1915 1916 1917 1918 1919	cents per bushel 58 4 66 0 75 0 68 8 53 4 57.7 71.6 113.3 135.7 140.8	cenia per bushsi 101 5 87 4 95 4 94 2 97 4 107 5 111 7 194 4 212 8 213 7 217 5	censa per bushel 55.2 50.2 55.1 66.4 49.6 48.0 55.8 84.6 90.3 92.2 97.9 67.5	cents per busket 84 9 82 8 93 0 84 8 85 2 93 7 99 0 170 2 192 0 186 3 181 2 91 0	dollars per ton 9 54 9 82 12 00 14 20 8 94 8 99 12 14 16 69 19 84 16 38 23 96 12 83	dollars per ten 8 89 9 37 11 05 12 02 6 52 8 26 10 78 15 82 16 83 22 62 10 24	cants per pound	toes ernis per bushel 76.1 106.6 80.6 63.8 66.9 73.1 119.3 167.7 138.5 108.4 273.1 128.9	dollars par bushel 2 82 2 76 2 84 2 87 2 82 2 97 3 84 6 18 8 45 4 35 4 00 2 16	### Angen dollars per box	ons dollars per bes	dollars par bushal 0.85 0.85 0.96 0.81 0.75 0.89 1.00 1.30 1.69 1.75 1.47
1910 1911 1912 1913 1914 1916 1916 1917 1918 1919 1920	cents per bushel 58.4 66.0 76.0 68.8 53.4 57.7 71.6 113.3 135.7 140.8 60.8	centa per bushel 101.5 87.4 95.4 94.2 97.4 107.5 111.7 194.4 212.8 213.7 217.5	censa per buehei 55. 2 50. 2 55. 1 66. 4 49. 6 48. 0 56. 8 84. 5 90. 3 92. 2	cents per bushel 84 9 92 0 84 8 85 2 93 7 99 0 170 2 192 0 186 3 181 2	dollars per ton 9 54 9 32 13 00 14 20 8 94 8 99 12 14 16 69 19 84 16 38 23 96 12 82 13 25	dollars per ten 8 89 9 37 11 05 12 02 6 52 8 26 10 78 15 82 16 83 22 62 10 24 12 24	canta per pound — — — — — — — — — — — — — — — — — — —	toes ernis pur hushel 76.1 106.8 80.6 63.8 66.9 73.1 119.3 167.7 138.5 138.4 273.1 128.9 110.5	dollars pur bushel 2 83 2 76 2 84 2 87 2 97 3 84 6 18 5 4 35 4 90 2 16 3 42	1.77 2 69 1.72 2 18 2 11 3 18 2 11 3 19 3 87 2 19 3 87	2.78 4.42 2.77 1.91 2.40 2.40 2.89 2.89 2.30 2.77	dollars par bushel 0.85 0.86 0.95 0.81 0.75 0.89 1.00 1.30 1.78 1.47
1910 1911 1912 1913 1914 1916 1916 1917 1918 1919 1920 1921	cents per bushel 58.4 66.0 75.0 68.8 53.4 57.7 71.6 113.3 135.7 140.8 60.8 63.1	centa per bushel 101.5 87.4 95.4 94.2 97.4 107.5 111.7 194.2 212.8 213.7 217.5 130.0 111.6	censar per bushei 55.2 50.2 55.1 66.4 49.0 48.0 56.8 84.5 90.3 92.2 97.9 67.5 56.8	cents per bushel 84 9 82 8 93 0 84 8 85 2 93 7 99 0 170 2 192 0 186 3 181 2 91 0 92 8 90 2	dollars per ton 9 54 9 82 13 00 14 20 8 94 8 99 12 14 16 69 19 84 16 38 23 96 12 82 13 25 13 29	dollars per ten 8 89 9 37 11 05 6 52 8 26 10 78 15 82 16 82 16 83 22 82 10 24 12 24 14 37	cants per pound	toes enter par bushel 76 1 108 8 80 6 63 8 66 9 73 1 119 3 167 7 138 5 138 4 272 1 128 9 110 5 112 5	dallars per bushel 2 82 2 76 2 84 2 87 2 82 2 97 3 84 6 18 8 45 4 35 4 30 3 16 3 42 3 76	### ##################################	ons dollars per bos  2.78 4.42 2.77 1.91 2.60 2.42 4.07 2.88 3.08 3.77 3.76	dollars par bushel 0.85 0.86 0.96 0.81 0.75 0.89 1.00 1.30 1.76 1.44
1910 1911 1912 1913 1914 1916 1916 1917 1918 1919 1920 1921 1922	cents per bushel 58 4 66 0 75 0 68 8 53 4 57 7 71 6 113 3 135 7 140 8 60 8 63 1 71 2	centa per bushsi 101 5 87 4 95 4 94 2 97 4 107 5 111 7 194 4 212 8 213 7 217 5 130 0 111 6 112 4	censa per bushel 55.2 55.1 66.4 49.6 56.8 84.5 90.3 92.2 97.9 67.5 50.8 61.6	cents per buskel 84 9 82 8 93 0 94 8 85 2 93 7 99 0 170 2 192 0 186 3 181 2 91 0 92 8	dollars per ton 9 54 9 82 13 00 14 20 8 94 12 14 16 69 19 84 16 38 23 96 12 82 13 25 13 29 16 78	dollars per ten 8 89 9 87 11 05 6 52 8 26 10 78 15 82 16 83 22 62 10 24 14 37 18 42	cants per pound	toes erate par bushel 76. 1 106. 6 63. 8 66. 9 73. 1 119. 5 167. 7 138. 5 158. 4 273. 1 128. 9 110. 5 112. 6 135. 0	dallars per bushel 2 82 2 76 2 84 2 87 2 87 2 88 6 18 6 45 4 36 4 00 3 16 3 75 4 04	### Anges	ons dollars per bos  2.78 4.42 2.77 1.91 2.60 2.42 4.07 2.88 3.35 2.76 1.68	dollars par bushel 0.85 0.85 0.85 0.96 0.81 0.75 0.90 1.30 1.40 1.47 1.44 1.44
1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923	cents per bushel 58.4 66.0 68.8 53.4 57.7 71.6 113.2 135.7 140.8 63.1 71.2	cenis per bushsi 101.5 87.4 94.2 97.4 107.6 111.7 194.4 212.8 213.7 217.5 130.0 111.6 112.4 130.1	cents per buchel 55.2 50.2 55.1 66.4 49.8 48.0 55.8 84.6 90.3 92.2 97.9 67.5 561.6 73.0	cents per bushel 84 9 82 8 93 0 84 8 85 2 93 7 99 0 170 2 192 0 186 3 181 2 91 0 92 8 90 2 127 7	dollars per ton 9 54 9 82 13 00 14 20 8 94 8 99 12 14 16 69 19 84 16 38 23 96 12 82 13 25 13 29	dollars per ten 8 89 9 37 11 05 6 52 8 26 10 78 15 82 16 82 16 83 22 82 10 24 12 24 14 37	canta per pound	toes enter par bushel 76 1 108 8 80 6 63 8 66 9 73 1 119 3 167 7 138 5 138 4 272 1 128 9 110 5 112 5	dallars per bushel 2 82 2 76 2 84 2 87 2 82 2 97 3 84 6 18 8 45 4 35 4 30 3 16 3 42 3 76	### ##################################	ons dollars per bos  2.78 4.42 2.77 1.91 2.60 2.42 4.07 2.88 3.08 3.77 3.76	dollars par bushel 0.85 0.86 0.96 0.81 0.75 0.89 1.00 1.30 1.76 1.44
1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924	cents par bushel 58.4 66.9 75.0 68.8 53.4 57.7 71.6 113.3 135.7 140.8 60.8 63.1 71.2 100.1 83.4	cenie per bushei 101.5 87.4 94.2 97.4 107.6 111.7 194.2 1212.8 213.7 217.5 130.0 111.6 130.1 159.7	cents per bushel 55.2 50.2 55.1 66.4 49.8 48.0 55.8 84.0 392.2 97.9 67.5 56.3 61.6 73.0 68.6	cents per busket 84 9 82 8 93 0 94 8 85 2 93 7 99 0 170 2 192 0 186 3 181 2 91 0 92 8 92 8 92 127 7 135 3	dollars per ton 9 54 9 82 13 00 14 20 8 94 8 99 12 14 16 69 19 84 16 .38 23 96 12 82 13 25 13 25 14 20 16 78 16 78 16 78 16 78 16 78 16 78 17 78 18 78	dollars per ten 8 89 9 37 11 05 12 02 6 52 8 26 10 78 15 82 16 83 22 62 10 24 12 24 14 37 15 42 16 02 12 93	canta per pound	toes erate per bushel 76. 1 100 8 80 6 63. 8 66. 9 73. 1 119. 3 167. 7 138. 5 128. 9 110. 5 112. 6 125. 6 179. 8 143. 7	doliara per bushel 2 62 2 87 2 84 2 87 2 82 2 97 3 84 6 18 6 43 4 40 2 16 3 42 3 75 4 04 4 47 3 72	### Angen	2.78 4.42 2.77 1.91 2.50 2.42 4.07 2.88 2.38 2.77 2.66 2.77 2.76 3.68 2.77 2.14	dollars par bushel 0.85 0.85 0.85 0.85 0.85 0.81 0.75 0.89 1.00 1.30 1.78 1.47 1.44 1.44 1.58 1.07
1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1922 1923 1924 1926	cents per bushel 58 4 66 0 76.0 68 8 53.4 57.7 71.6 113.2 135.7 140.8 60.8 63.1 71.2 100.1 83.4 57.5	cenis per bushsi 101.5 87.4 95.4 94.2 97.4 107.5 111.7 194.4 212.8 213.7 217.5 120.0 111.6 112.4 120.1 159.7 136.5	censa per bushel 55. 2 55. 1 66. 4 49. 6 48. 0 55. 8 84. 5 90. 2 97. 9 67. 5 56. 3 61. 6 73. 0 68. 6 47. 4	cents per busket 84 9 82 8 93 0 93 7 99 0 170 2 192 0 186 3 181 2 91 0 92 8 90 2 127 7 135 3 109 8	dollars per ton 9 54 9 82 12 00 14 20 8 94 8 99 12 14 16 69 19 84 16 38 23 96 12 83 13 25 13 20 16 78 16 88 12 03 11 31	dollars per ten 8 89 9 37 11 02 6 52 8 26 10 78 15 82 16 83 22 62 10 24 12 24 14 37 18 42 16 52 18 52 10 24 12 24 14 37 18 42 16 52 18 52	cants per pound	toes erate per bushel 76. 1 100 8 80. 8 66. 9 73. 1 119. 3 167. 7 138. 5 138. 4 273. 1 128. 9 110. 5 112. 6 125. 0 179. 8 143. 7 143. 6	doliara per bushel 2 83 2 84 2 84 2 97 3 84 6 18 5 43 4 90 3 42 3 75 4 04 4 04 7 3 72 2 18	### Angen	2.78 4.42 2.77 1.91 2.50 2.42 4.07 2.89 2.76 1.68 2.77 2.76 1.68 2.77 2.76 2.74 2.76 2.76 2.76 2.76 2.76 2.76 2.76 2.76	dollars par buehel 0.85 0.85 0.85 0.95 0.81 0.75 0.89 1.78 1.47 1.44 1.44 1.58 1.07 1.38
1910 1911 1912 1913 1914 1916 1916 1917 1918 1920 1921 1922 1923 1924 1924 1926 1926	cents per bushel 58 4 66 0 75.0 68 8 53.4 57.7 71.6 113.3 135.7 140.8 60.8 63.1 71.2 100.1 83.4 57.5 82.6	cenie per bushsi 101 5 87. 4 94. 2 97. 4 107. 6 111. 7 194. 4 212. 8 213. 7 217. 5 130. 0 111. 6 112. 4 130. 1 159. 7 136. 5 127. 8	censa per bushel 55. 2 55. 1 49. 6 48. 0 55. 8 84. 5 90. 3 93. 2 97. 9 57. 5 56. 8 61. 6 73. 0 68. 6 47. 4 59. 5	cents per buskel 84 9 82 8 93 0 84 8 85 2 93 7 99 0 170 2 192 0 186 3 181 2 91 0 92 8 90 2 127 7 135 3 109 8 118 8	dollars per ton 9 54 9 82 13 00 14 20 8 94 8 99 12 14 16 69 19 84 16 .38 23 96 12 82 13 25 13 25 14 20 16 78 16 78 16 78 16 78 16 78 16 78 17 78 18 78	dollars per ten 8 89 9 37 11 05 6 52 8 26 10 78 15 82 16 82 16 82 16 22 10 24 12 24 14 37 18 42 15 83 12 98 15 92	20 9 28 9 25 3 22 5 7 19 6 18 7	toes ernia per bushel 76. 1 106 8 80. 8 66. 9 73. 1 119. 3 167. 7 138. 5 138. 4 128. 9 110. 5 112. 5 135. 0 179. 3 143. 7 143. 8 93. 6	dollars per bushel 2 82 2 76 2 84 2 87 2 82 2 97 3 84 6 18 8 45 4 35 4 36 4 16 3 42 3 76 4 04 4 77 3 18 3 88	# Angen dollars per box	2.76 4.42 2.77 1.91 2.60 2.42 4.07 2.89 2.30 2.77 2.76 1.68 3.77 2.76 1.68 3.70 2.89 3.84	dollars par bushel 0.85 0.85 0.85 0.85 0.85 0.81 0.75 0.89 1.00 1.30 1.78 1.47 1.44 1.44 1.58 1.07
1910 1911 1912 1913 1914 1916 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927	cents par bushel 58 4 66 0 75.0 68 8 53 4 57.7 71.6 113.2 135.7 140.8 63.1 71.2 100.1 83.4 57.5 82.6 79.4	cenia per bushal 101.5 87.4 95.4 94.2 97.4 107.5 111.7 194.4 212.8 213.7 217.5 130.0 111.6 112.4 130.1 159.7 136.5 137.8 136.5	censa per bushel 55. 2 55. 1 56. 4 49. 0 48. 0 55. 8 84. 5 90. 2 97. 9 67. 5 56. 3 61. 6 73. 0 68. 6 47. 4 59. 8	cents per busket 84 9 82 0 84 8 85 2 93 7 99 0 170 2 192 0 186 3 181 2 91 0 92 8 90 2 127 7 125 3 109 8 118 8 128 7 119 1	dollars per ton 9 54 9 82 12 00 14 20 8 94 8 99 12 14 16 69 10 84 16 38 22 96 12 32 13 25 13 26 12 33 14 31 15 68	dollars per ten 8 89 37 11 05 12 02 6 52 8 26 10 78 15 82 16 83 22 62 10 24 14 37 18 42 14 37 18 42 12 23 12 23 12 23 12 23 12 24 14 37 15 62 17 44	Canta par pound — " — — — — — — — — — — — — — — — — — —	toes erate par buehel 76.1 106.6 80.6 63.8 66.9 73.1 119.5 167.7 138.5 158.4 273.1 128.9 110.5 135.0 179.8 143.7 143.7 143.6 127.8	dollars per bushel 2 63 2 76 2 87 2 82 2 97 3 84 6 18 6 4 35 4 00 3 16 3 47 3 72 3 88 5 09	### Angen ###################################	### dollars per bes  ###################################	dollars par bushsi 0.85 0.85 0.85 0.96 0.81 0.75 0.80 1.30 1.40 1.44 1.44 1.44 1.44 1.44 1.44
beginning January 1 1910 1911 1912 1913 1914 1916 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1928	cents per bushel 58.4 66.0 68.8 53.4 57.7 71.6 113.2 135.7 140.8 63.1 71.2 100.1 83.4 57.5 82.6 79.4 71.9	cenie per bushsi 101.5 87.4 94.2 97.4 107.6 111.7 194.4 212.8 213.7 217.5 130.0 111.6 112.4 130.1 159.7 136.5 127.8 124.5 119.4	cents per buckel 55.2 50.2 55.1 66.4 49.6 48.0 56.8 84.6 90.2 97.9 67.5 561.6 73.0 68.6 47.4 565.7 61.7	cents per bushel 84 9 82 8 93 0 84 8 85 2 93 7 99 0 170 2 192 0 186 3 181 2 91 0 92 8 90 2 127.7 135 3 109 8 118 8 118 8	dollars per ton 9 54 9 82 12 00 14 20 8 94 8 99 12 14 16 68 10 84 16 38 23 96 12 82 13 25 16 78 16 78 12 03 11 31 13 21 15 04 12 33	dollars per ten 8 89 9 37 11 05 12 02 6 52 8 26 10 78 15 82 16 83 22 62 10 24 12 24 14 37 18 42 16 63 12 83 12 88 16 02 17 44 12 52	canta par pound ————————————————————————————————————	toes erste per bushel 76.1 106.6 80.6 80.6 60.9 73.1 119.7 138.5 167.7 138.5 1128.9 110.5 112.5 112.5 128.9 110.5 128.9 110.5 128.9 128.9 128.9 128.9 128.9 128.9 128.9	dollars per bushel 2 63 2 76 2 84 2 87 2 82 2 97 3 84 6 18 8 45 4 35 4 00 3 16 3 42 3 72 3 18 3 89 3 91	### Angen	### ##################################	dollars psr bushel 0.85 0.85 0.85 0.95 0.81 0.75 0.81 1.30 1.76 1.47 1.44 1.44 1.58 1.07 1.34 1.44 1.44
beginning January 1 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929	cents par bushel 58.4 66.0 75.0 68.8 53.4 57.7 71.6 113.3 135.7 140.8 60.8 63.1 71.2 100.1 83.4 57.5 82.6 79.8	cenie per bushei 101.5 87.4 94.2 97.4 107.6 111.7 194.4 212.8 213.7 217.5 130.0 111.6 112.4 130.1 159.7 136.5 127.8 124.5 119.4 99.6	centa per buchel 55.2 50.2 55.1 66.4 49.6 48.0 55.8 84.5 90.3 93.2 97.9 67.8 56.8 61.6 73.0 68.6 47.4 59.8 65.7 49.8	cents per busket 84 9 82 8 93 0 94 8 85 2 93 7 99 0 170 2 192 0 186 3 181 2 91 0 92 8 90 2 127 7 135 3 109 8 118 8 125 7 119 1 106 5	dollars per ton 9 54 9 82 12 00 14 20 8 94 8 99 12 14 16 69 10 84 16 38 22 96 12 32 13 25 13 26 12 33 14 31 15 68	dollars per ten 8 89 9 37 11 05 12 02 6 52 8 26 10 78 18 92 16 83 22 62 10 24 12 24 14 37 18 42 15 62 12 83 12 98 18 10 12	20.9 28.9 22.5 15.7 19.5 11.5 7.0	toes ernia par bushel 76.1 100 6 80 6 63.8 66.9 73.1 119.3 167.7 138.5 103.4 273.1 128.9 110.5 112.6 1179.3 143.7 143.8 93.6 127.3 143.7 143.8	dollars per bushel 2 63 2 76 2 84 2 87 2 82 2 97 3 84 6 18 6 435 4 00 2 16 3 42 3 76 4 04 4 77 2 18 3 83 5 99 2 10	### Angen	### dollars per bes  ###################################	dollars par bushsi 0.85 0.85 0.85 0.96 0.81 0.75 0.80 1.30 1.40 1.44 1.44 1.44 1.44 1.44 1.44
beginning January 1  1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1922 1923 1924 1925 1926 1927 1928 1929 1929 1930 1931	cents par bushel 58.4 66.9 75.0 68.8 53.4 57.7 71.6 113.3 135.7 140.8 60.8 63.1 71.2 100.1 83.4 57.5 82.6 79.4 71.9 60.8	cenie per bushsi 101.5 87.4 94.2 97.4 107.6 111.7 194.4 130.0 111.6 127.8 127.8 124.5 199.6 66.5	censa per bushel 55.2 55.1 66.4 49.6 48.0 55.8 84.5 90.3 92.2 97.9 67.5 50.3 61.6 73.0 68.6 47.4 59.8 65.7 61.7 61.7 48.0	cents per buskel 84 9 82 8 93 7 99 0 170 2 192 0 186 3 181 2 91 0 92 8 92 8 127 7 135 3 109 8 118 8 125 7 119 1 106 5	dollars per ton 9 54 9 32 13 00 14 20 8 94 8 99 12 14 16 38 13 25 12 83 13 25 13 25 13 20 16 78 15 88 12 03 11 31 13 31 15 04 12 33 9 78	dollars per ten 8 89 9 37 11 05 12 02 6 52 8 26 10 78 15 82 16 83 22 62 10 24 12 24 14 37 18 42 16 63 12 83 12 88 16 02 17 44 12 52	canta par pound ————————————————————————————————————	toes erste per bushel 76.1 106.6 80.6 80.6 60.9 73.1 119.7 138.5 167.7 138.5 1128.9 110.5 112.5 112.5 128.9 110.5 128.9 110.5 128.9 128.9 128.9 128.9 128.9 128.9 128.9	dollars per bushel 2 63 2 76 2 84 2 87 2 82 2 97 3 84 6 18 8 45 4 35 4 00 3 16 3 42 3 72 3 18 3 89 3 91	### Angen	2.78 4.42 2.77 1.91 2.50 2.42 4.07 2.88 2.36 2.77 2.88 2.36 3.77 2.58 3.70 2.14 3.25 3.70 2.14 3.25 3.73	dollars par bushel 0.85 0.85 0.85 0.95 0.81 0.75 0.81 1.09 1.78 1.47 1.44 1.44 1.58 1.07 1.34 1.14 0.74

<sup>\*</sup> Dashes indicate data not available.

Sources of data:
Calculations by author based on data presented in table I and tables 16 to 39, inclusive.

TABLE 43

Annual Weighted Averages of Monthly Farm Prices, California, Years

Beginning July 1, 1910–1932

Tuly 1   Cattle   Calves   dollars   dollars   dollars   per 100	pour	at cents cen	cents per dosen 27.6 27.1 25.9 29.8 27.9 28.4 33.4 40.4	Chickens cents per pound 15.0 14.5 14.1 15.5 16.2 16.3 17.4 22.4	Wool  cents per pound 14.4 12.9 14.9 14.7 18.8 20.6	Horses  dollars  per  head  146  154  142  129
	pour	per- pround pound 30.4 2.8 30.9 7.0 32.4 2.1 30.7 0.5 29.1 1.1 29.6 9.0 34.4 9.0 34.4 9.0 45.9 8.8 61.6 8.7 42.6	per dosen. 27.6 27.1 25.9 29.8 27.9 28.4 40.4 48.2	per pound 15.0 14.5 14.1 15.5 15.2 15.3 17.4	per pound 14.4 12.9 14.9 14.7 16.8	per head 146 154 142
per 100 pounds p	pour	per- pround pound 30.4 2.8 30.9 7.0 32.4 2.1 30.7 0.5 29.1 1.1 29.6 9.0 34.4 9.0 34.4 9.0 45.9 8.8 61.6 8.7 42.6	per dosen. 27.6 27.1 25.9 29.8 27.9 28.4 40.4 48.2	pound 15.0 14.5 14.1 15.5 15.2 18.3 17.4	pound 14.4 12.9 14.9 14.7 16.8	Acad 148 154 142
1910	32, 32, 32, 32, 32, 32, 30, 51, 39, 50, 64, 68, 53, 44, 45, 51, 45, 31, 25, 31, 25, 20, Cottle par pour pour pour pour pour pour pour pou	2.4 30.4 2.8 30.9 7.0 32.4 2.1 30.7 20.5 20.1 1.1 20.6 34.4 45.9 45.9 4.2 55.9 8.8 61.6 81.7 42.6	27.6 27.1 25.9 29.8 27.9 28.4 33.4 40.4 48.2	15.0 14.5 14.1 15.5 16.2 15.3 17.4	14.4 12.9 14.9 14.7 16.8	146 154 142
1911	32. 37. 32. 30. 31. 39. 50. 64. 52. 49. 49. 45. 31. 23. 20. Cotter par pour series and series are series and series are series and series and series are series and series a	2.8 30.9 7.0 32.4 2.1 30.7 0.5 29.1 1.1 29.6 9.0 34.4 0.0 45.9 4.2 55.9 8.8 61.6 3.7 51.7 42.6	27.1 25.9 29.8 27.9 28.4 33.4 40.4 48.2	14.5 14.1 15.5 16.2 15.3 17.4	12.9 14.9 14.7 15.8	154 142
1912   6.12   6.82   6.77   4.52   5.76   2.53   3   1918   8.61   7.25   7.71   4.56   5.80   2.24   3   1916   6.37   7.77   7.45   6.38   6.69   2.14   3   1916   7.06   8.07   8.99   7.38   10.01   2.32   3   1917   8.68   9.12   14.08   10.75   13.55   2.94   8   1918   9.83   10.72   15.60   10.91   12.79   2.99   6   1918   9.55   11.59   14.55   9.57   12.31   8.32   6   1920   7.92   9.76   11.65   6.93   8.42   2.13   3   1921   6.09   8.21   9.68   5.14   9.80   2.92   4   1922   6.30   8.16   9.55   7.31   11.16   2.82   8   1922   6.41   8.28   8.01   7.45   11.15   2.74   6.50   8.27   10.14   7.41   11.83   2.54   4   1926   6.50   8.27   10.14   7.41   11.83   2.54   4   1927   8.53   10.08   9.90   8.16   12.19   2.66   4   1928   9.01   13.29   10.28   7.32   9.90   2.56   4   1929   9.06   11.32   10.28   7.32   9.90   2.56   4   1929   9.06   11.32   10.28   7.32   9.90   2.56   4   1929   9.06   11.32   10.28   7.32   9.90   2.56   4   1920   4.98   6.36   5.23   3.11   5.14   1.85   2.26   12.19   2.86   1.29   2.67   1.20   1	87. 32. 30. 51. 39. 50. 64. 68. 53. 44. 52. 51. 47. 52. 49. 51. 25. 20. Cotta	7.0 32.4 2.1 30.7 20.5 29.1 1.1 29.6 9.0 34.4 0.0 45.9 4.2 55.9 8.8 61.6 3.7 51.7 42.6	25.9 29.8 27.0 28.4 33.4 40.4 48.2	14.1 15.5 15.2 15.3 17.4	14.9 14.7 16.8	142
1918   8.01   7.25   7.71   4.56   5.80   2.24   3.1916   6.37   7.77   7.45   6.38   6.69   2.14   2.31   3.1916   7.06   8.07   8.99   7.38   10.01   2.32   3.1917   8.48   9.12   14.08   10.75   13.55   2.94   3.1918   9.83   10.72   15.60   10.91   12.79   2.99   6.30   11.59   14.55   9.57   12.31   3.32   6.30   7.92   9.76   11.65   6.93   8.42   2.13   3.32   6.30   8.16   9.53   7.31   11.16   2.82   3.1920   7.92   9.76   11.65   6.93   8.42   2.13   3.32   6.30   8.16   9.53   7.31   11.16   2.82   3.1922   6.30   8.16   9.53   7.31   11.16   2.82   3.1922   6.30   8.16   9.53   7.31   11.15   2.74   6.50   8.27   10.14   7.41   11.83   2.54   4.1924   6.50   8.27   10.14   7.41   11.83   2.54   4.1924   6.50   8.27   10.14   7.41   11.83   2.54   4.1924   6.50   8.27   10.14   7.41   11.83   2.54   4.1924   6.50   8.27   10.14   7.41   11.83   2.54   4.1924   6.50   8.27   10.14   7.41   11.83   2.54   4.1924   6.50   8.27   10.14   7.41   11.83   2.54   4.1924   6.50   8.27   10.14   7.41   11.83   2.54   4.1924   6.50   8.27   10.14   7.41   11.85   2.45   4.1924   6.50   8.27   10.14   7.41   11.85   2.45   4.1924   6.50   8.27   10.14   7.41   11.85   2.54   4.1924   6.50   8.36   12.05   2.60   5.1924   6.51   6.81   6.81   6.38   6.34   12.29   2.67   8.31   6.31	32. 30. 31. 39. 64. 68. 53. 44. 52. 51. 45. 25. 20. Cotta	2.1 30.7 20.5 20.1 1.1 20.6 9.0 34.4 0.0 45.9 4.2 55.9 8.8 61.6 3.7 51.7 42.6	29.8 27.9 28.4 33.4 40.4 48.2	15.5 15.2 15.3 17.4	14.7 16.8	
1918	30. \$1. 39. 50. 64. 68. 53. 44. 45. 51. 47. 52. 49. 49. 45. 20. Cottager pour pour pour pour pour pour pour pou	0.5 29.1 1.1 29.8 9.0 34.4 0.0 45.9 4.2 55.9 8.8 61.6 8.7 51.7 4.7 42.8	27.9 28.4 33.4 40.4 48.2	15.2 15.3 17.4	16.8	129
1914   6.37   7.77   7.45   6.38   6.69   2.14   3.1915   6.16   7.47   6.65   5.91   7.35   2.24   3.1916   7.66   8.07   8.99   7.38   10.01   2.32   3.1917   8.68   9.12   14.08   10.75   13.55   2.94   3.1918   9.83   10.72   15.60   10.91   12.79   2.99   6.1919   9.55   11.59   14.55   9.57   12.31   3.32   6.29   7.92   9.76   11.65   6.93   8.42   3.13   3.20   6.20   8.10   9.53   7.31   11.16   2.92   4.20   10.22   6.30   8.10   9.53   7.31   11.16   2.92   4.20   10.22   6.30   8.10   9.53   7.31   11.16   2.74   6.50   8.27   10.14   7.41   11.83   2.54   4.20   1.20	\$1. 39. 50. 64. 68. 53. 44. 52. 61. 47. 52. 49. 49. 20. Cotter paragraphs.	1.3 29.6 9.0 34.4 0.0 45.9 4.2 55.9 8.8 61.6 8.7 51.7 4.7 42.6	28.4 38.4 40.4 48.2	15.3 17.4	,	
1915   6.16   7.47   6.65   5.91   7.35   2.24   5.91   1916   7.06   8.07   8.99   7.38   10.01   2.32   3.91   1917   8.88   9.12   14.08   10.75   13.55   2.94   5.91   1918   9.85   10.72   15.60   10.91   12.79   2.99   1919   9.55   11.59   14.55   9.57   12.31   2.32   3.92   1920   7.92   9.76   11.65   6.93   8.42   3.13   3.92   1920   7.92   9.76   11.65   6.93   8.42   3.13   3.92   1922   6.30   8.10   9.55   7.31   11.16   2.82   8.10   9.55   7.31   11.16   2.82   8.10   9.55   7.31   11.15   2.74   6.50   8.27   10.14   7.41   11.83   2.54   4.924   6.50   8.27   10.14   7.41   11.83   2.54   4.924   6.50   8.27   10.14   7.41   11.83   2.54   4.924   6.50   8.27   10.14   7.41   11.83   2.54   4.925   10.95   7.01   9.68   12.77   7.01   11.85   2.94   4.925   10.95   7.92   11.15   2.94   4.925   10.95   11.92   9.06   11.32   10.28   7.32   9.90   2.54   4.925   10.95   9.91   12.08   10.38   8.34   12.29   2.67   8.92   10.95   9.91   12.08   10.38   8.34   12.29   2.67   8.92   10.95   9.91   12.08   10.38   8.34   12.29   2.67   8.92   10.95   10	\$1. 39. 50. 64. 68. 53. 44. 52. 61. 47. 52. 49. 49. 20. Cotter paragraphs.	1.3 29.6 9.0 34.4 0.0 45.9 4.2 55.9 8.8 61.6 8.7 51.7 4.7 42.6	28.4 38.4 40.4 48.2	15.3 17.4	,	119
1916	39. 50. 64. 68. 53. 44. 52. 51. 52. 49. 49. 51. 25. 20. Cotta	9.0 34.4 0.0 45.9 4.2 55.9 8.8 61.6 8.7 51.7 4.7 42.6	33.4 40.4 48.2	17.4	: 2018	112
1917	50. 64. 68. 53. 44. 52. 51. 47. 52. 49. 49. 51. 45. 20. Cotte cent pur pour	0.0 45.9 4.2 55.9 8.8 61.6 3.7 51.7 4.7 42.6	40.4 48.2	4	81.0	112
1918	64. 68. 53. 44. 52. 51. 47. 52. 49. 51. 45. 31. 25. Cotta	4.2 55.9 8.8 61.6 3.7 51.7 42.6	48.2		1	114
1919	68. 53. 44. 452. 51. 47. 52. 49. 49. 45. 31. 25. 20. Cotta	8.8 61.6 8.7 51.7 42.8	1	3	51.4	
1920   7.92   9.76   11.65   6.93   8.42   8.13   6.92   6.90   8.21   9.65   5.14   9.80   2.92   6.20   6.41   8.28   8.01   7.45   11.15   2.74   6.50   8.27   10.14   7.41   11.63   2.54   6.50   8.27   10.14   7.41   11.63   2.54   6.50   8.27   10.14   7.41   11.63   2.54   6.50   8.27   10.14   7.41   11.63   2.54   6.50   8.27   10.14   7.41   11.63   2.54   6.50   8.27   10.14   7.41   11.63   2.54   6.50   8.27   10.14   7.41   11.63   2.54   6.50   8.27   10.14   7.41   11.65   2.54   6.50   10.25   7.01   9.68   12.71   7.61   11.85   2.54   4.51   10.27   8.53   10.08   9.90   8.16   12.19   2.56   4.50   10.28   9.91   12.08   10.38   8.34   12.29   2.67   8.51   10.28   9.91   12.08   10.38   8.34   12.29   2.67   8.51   10.28   9.91   12.08   10.38   8.34   12.29   2.67   8.51   10.30   6.61   8.18   8.97   4.56   6.93   2.25   3.11   3.14   4.98   6.36   5.23   3.11   5.14   1.83   2.54   4.55   1.55   2.55	53. 44. 52. 61. 47. 45. 49. 49. 51. 26. 20.  Cotta	8.7 b1.7 4.7 42.6	48.9	28.9	47.8	111
1921   6.09   8.21   9.68   5.14   9.30   2.92   4	44. 52. 51. 47. 52. 49. 51. 45. 25. 20. Cotte	1.7 42.8		29.4	45.2	109
1922   6.30   8.10   9.53   7.31   11.16   2.82   8.21   1928   6.41   8.28   8.01   7.45   11.15   2.74   8.21   1924   6.50   8.27   10.14   7.41   11.83   2.54   8.21   1925   6.89   9.42   13.26   8.38   12.05   2.50   5.21   1926   7.01   9.68   12.71   7.61   11.85   2.64   4.21   1927   8.53   10.08   9.90   8.16   12.10   2.86   4.21   1927   8.53   10.08   9.90   8.16   12.10   2.86   4.21   1928   9.91   12.08   10.38   8.34   12.29   2.67   8.21   1939   9.06   11.32   10.23   7.32   9.90   2.54   4.21   4.29   2.67   8.21   1930   6.61   8.18   8.97   4.56   6.93   2.28   2.28   1931   4.38   6.36   5.23   3.11   5.14   1.85   2.28   1931   4.38   6.36   5.23   3.11   5.14   1.85   2.28   1931   4.38   6.36   5.23   3.11   5.14   1.85   2.28   1932   4.19   50.8   3.94   2.18   4.55   1.55   2.28	52. 51. 47. 52. 49. 51. 45. 31. 25. 20.  Cotta		40.1	29.2	21.6	103
1928	61. 47. 52. 49. 49. 51. 45. 31. 23. 20. Cottle per pour	00 44.0	32.2	26.8	10.0	85
1928	61. 47. 52. 49. 49. 51. 45. 31. 23. 20. Cottle per pour	ມ.ປ 1,00.0	82.9	23.6	35.6	96
1924   6.50   8.27   10.14   7.41   11.83   2.54   4   1925   6.89   9.42   13.26   8.36   12.05   2.50   5   1927   8.53   19.06   19.77   7.61   11.85   2.34   4   1928   9.91   12.08   10.38   8.34   12.29   2.67   5   1929   9.06   11.32   10.28   7.32   9.90   2.54   4   1929   9.06   11.32   10.28   7.32   9.90   2.54   4   1931   4.98   6.36   5.23   3.11   5.14   1.83   2.36   1932   4.19   50.8   3.94   2.18   4.55   1.55   2   2   2   2   2   3   3   3   3   3	47. 52. 49. 49. 51. 45. 31. 23. 20.  Cottager			23.9	33.1	92
1925   6.89   9.42   13.26   8.36   12.05   2.80   5   1927   8.53   10.08   9.90   8.16   12.10   2.86   4   1928   9.91   12.08   10.38   8.34   12.29   2.87   5   1929   9.06   11.32   10.23   7.32   9.00   2.54   4   1920   6.61   9.18   8.97   4.56   6.93   2.28   3   1931   4.98   6.36   5.23   3.11   5.14   1.85   2   2   2   3   1932   4.19   50.8   3.94   2.18   4.55   1.55   2   2   2   3   2   2   3   3   3   3	52. 49. 49. 51. 45. 31. 25. 20. Cotta	ı ı	1	25.1	37.2	97
1926	49. 49. 51. 45. 31. 25. 20.  Cotto			26.2	35.9	91
1927   8.53   10.08   9.90   8.16   12.19   2.86   4	49. 51. 45. 31. 25. 20. Cotto		1	26.3	28.6	88
1928   9.91   12.08   10.38   8.34   12.29   2.67   8     1939   9.06   11.32   10.28   7.32   9.90   9.64   4     1930   6.61   9.18   8.97   4.56   6.93   2.28   3     1931   4.98   6.36   5.23   3.11   5.14   1.85   3     1932   4.19   50.8   3.94   2.18   4.55   1.55   3     1932   4.19   50.8   3.94   2.18   4.55   1.55   3     Year beginning Barley Wheat   Oate   Corn   Hay   Alfalfa   Corn	St. 45. 31. 25. 20. Cotto		1	24.9	30.7	81
1939   9.06   11.32   10.28   7.32   9.90   2.54   4.30   1931   4.98   6.36   5.23   3.11   5.14   1.83   2.30   1932   4.19   50.8   3.94   2.18   4.55   1.55   2.30   2.18   2.30	45. 31. 25. 20. Cotta		1	1	1	1 -
1930   6.61   9.18   8.97   4.56   6.93   2.28   3.13   1932   4.19   50.8   3.94   2.18   4.55   1.65   2.3   3.11   5.14   1.85   2.3   3.13   5.14   1.85   2.3   3.13   5.14   1.85   2.3   3.13   5.14   1.85   2.3   3.13   5.14   1.85   2.3   3.13   5.14   1.85   2.3   3.13   5.14   1.85   2.3   3.13   3.13   3.13   3.13   3.14   3.15   3	Cotta			26.7	33.1	79
1931   4.98   6.36   5.23   3.11   5.14   1.83   4.19   50.8   3.94   2.18   4.55   1.55   3.	Cotte			26.2	23.1	76
Year beginning July 1    Cents   Description   Description	Cotte	1.\$ 33.2	23.0	22.1	15.8	65
Year   barley   Wheat   Oata   Corn   Hay   Alfalfa   Corn   July 1	Cotta cent per pour	5.1 26.2	19.8	17.9	10.7	54
Designating   Barley   Wheat   Oeta   Corn   Hay   Alfaifa   Corn   July I	cent per pour	0.7 31.5	18.1	14.9	9.7	52
	per pour	ton Pota-	Beans	Or-	Lem- ons	Apples
Disabel   Disa	роил 		dollare		dollars	
1910   56.0   92.2   49.8   81.8   9.92   9.70   1911   75.2   91.0   54.3   88.9   10.71   9.93   1913   69.6   95.2   54.3   88.4   13.72   11.89   1914   54.5   109.7   49.1   89.8   8.11   0.68   1915   58.0   96.7   47.6   90.2   10.40   9.20   1916   89.6   149.3   67.9   126.0   13.99   13.24   1917   127.5   297.9   88.0   188.8   18.19   17.94   1918   124.4   213.5   89.8   191.9   18.34   1919   152.8   220.2   88.5   192.7   20.14   20.95   1920   106.4   181.2   82.9   135.6   19.57   16.36   1921   61.8   114.8   33.7   86.4   12.34   11.01			per bushel	per boz	per boz	per bushel
1911		and bushe 	- £	<b>!</b>		0.85
1913 69.6 95.2 54.3 88.4 13.72 11.89 1913 64.8 94.1 54.8 86.1 12.51 9.19 1914 54.8 109.7 49.1 89.8 8.11 0.68 1915 58.0 96.7 47.6 90.2 10.40 9.20 1916 89.6 149.3 67.9 128.0 13.99 13.24 1917 127.5 297.9 88.0 188.8 18.19 17.94 1918 124 4 218.5 89.8 191.9 18.34 17.03 1919 152.8 220.2 98.5 192.7 20.14 20.65 1920 106.4 181.2 82.9 135.6 19.57 10.36 1921 61.8 114 8 53.7 86.4 12.34 11.01 1			1	1 -	-	4
1913         64.8         94.1         54.8         86.1         12.51         9.19           1914         54.5         109.7         49.1         89.8         8.11         6.08           1915         58.0         96.7         47.6         90.2         10.40         9.20           1916         89.6         149.3         67.9         126.0         13.99         13.24           1917         127.5         297.9         88.0         188.8         18.19         17.94           1918         124.4         213.6         89.8         191.9         18.34         17.93           1919         152.8         220.2         98.6         192.7         20.14         30.95           1920         106.4         181.2         82.9         135.6         19.57         16.26           1921         61.8         114.8         33.7         86.4         12.34         11.01         1	-	<b>—</b> 103.2			1	0.88
1914 54.8 109.7 49.1 89.8 8.11 6.68 1915 58.0 96.7 47.6 90.2 10.40 9.20 1916 89.6 149.3 67.9 126.0 13.99 13.24 1917 127.5 297.9 88.0 188.8 18.19 17.94 1918 124.4 213.6 89.8 191.9 18.34 17.93 1919 152.8 220.2 89.6 192.7 20.14 20.95 1920 106.4 181.2 82.9 138.6 19.57 16.26 1921 61.8 114.8 53.7 86.4 12.34 11.01	-	- 63.9		2.01	8.47	0.83
1915         58.0         96.7         47.6         90.2         10.40         9.20           1916         89.6         149.3         67.9         126.0         13.99         13.24           1917         127.5         297.9         88.0         188.8         18.19         17.94           1918         124.4         213.5         89.8         191.9         18.34         17.03           1919         152.8         220.2         28.6         192.7         20.14         20.5           1920         106.4         181.2         82.9         135.6         19.57         10.26           1921         61.8         114.8         33.7         86.4         12.34         11.01         1	-	- 69.3		2.29	3.55	1.01
1916         89.6         149.3         67.9         126.0         13.99         13.24           1917         127.5         297.9         88.0         188.8         18.19         17.94           1918         124.4         218.5         89.8         191.9         18.34         17.03           1919         152.8         220.2         28.5         192.7         20.14         20.95           1920         106.4         181.2         82.9         135.6         19.57         10.26           1921         61.8         114.8         53.7         86.4         12.34         11.01         1	-   -   -	- 71.2		1.72	2 42	0.75
1017     127.5     297.9     88.0     188.8     18.19     17.94       1918     124.4     218.6     89.8     191.9     18.34     17.03       1919     152.8     220.2     98.6     192.7     20.14     20.95       1920     106.4     181.2     82.9     135.6     19.57     16.26       1921     61.8     114.8     53.7     86.4     12.34     11.01     1	-   -   -	<b>→ 80.2</b>	8.11	1.80	1.98	0.77
1918     124 4     213.5     89.8     191.9     18.84     17.03       1919     152.8     220.2     98.6     192.7     20.14     30.95       1920     106.4     181.2     82.9     135.6     19.57     16.26       1921     61.8     114.8     53.7     86.4     12.34     11.01     1	-   -	<b>— 153.9</b>	4.81	2.34	2.63	0.90
1918     124 4     213.5     89.8     191.9     18.84     17.03       1919     152.8     220.2     98.6     192.7     20.14     30.95       1920     106.4     181.2     82.9     135.6     19.57     16.26       1921     61.8     114.8     53.7     86.4     12.34     11.01     1	-	- 135.9	6.18	2.84	3.26	1.01
1919 152.8 220.2 98.6 193.7 20.14 20.95 1920 106.4 181.2 82.9 135.6 19.57 18.26 1921 61.8 114.8 53.7 86.4 12.34 11.01 1	i -	- 144.9	4.90	8.86	8.69	1.43
1920 106.4 181.2 82.9 135.6 19.57 16.26 1921 61.8 114.8 53.7 86.4 12.34 11.01 1		<b>— 215.7</b>		8.63	3.14	1.71
1921 61.8 114 8 53.7 56.4 12.34 11.01 1	} _	- 206.8	1	2.69	2.03	1.63
	17.			3.00	3.03	1.53
1982   1883   1864   1844   1841   1855   1862   1863   1864   18	22			2.59	3.23	1.44
1002   00:0   112:0   01:2   00:0   10:0	1		1 .	1	1	1.43
	30		1	1.83	2.38	1
	23		1	3.11	3.21	1.46
40.00	21.	1.5   188.ŏ		3.39	2.78	1.55
1928   61.6   131.7   48.4   111.8   11.58   19.45   1	14.		3.47	2.85	1.95	1.02
1927 89.8 128.5 68.6 128.4 12.04 14.30 5	90	4.6 140.0	8.17	3:95	4.47	1.42
	] #Q.		4.51	2.95	2.88	1.10
	1	4.6 140.0	4.93	8.50	4.53	1.52
1000	18.	4.6 140.0 0.7 118.8	7.483	9.73	2.83	0.67
1931 48 4 62.6 36.2 65.5 9.48 9.53	18. 17.	4.6 140.0 0.7 118.8 8.0 92.6 7.8 146.1		1 4.13		
TDG: 1 20.2   U.S.   U.	18. 17. 10.	4.6 140.0 0.7 118.8 8.9 92.6 7.8 146.1 0.3 108.8	3.04	1	2 97	0.77
1932 25.7 55.9 29.8 59.2 5.64 6.86	18. 17. 10. 6.	4.6 140.0 0.7 118.8 8.0 92.6 7.8 146.1	3.04 1.79	1.44	2.87 8.80	0.77

<sup>\*</sup> Dashes indicate data not available.

Sources of data: Calculations by author based on data presented in table I and tables 16 to 39, inclusive.

TABLE 44
ESTIMATED SEASONAL FARM PRICES, CALIFORNIA, 1910-1933

Year	Rice	Cotton	Sugar beets	Grapes	Peach-	Pears	Apri-	Cher-	Raj-	Prunes	Wal- nuts	Al- mond
	dollars per buskel	cente per pound					dolları per ton			dollars per ion		inlinri per ios
1910	0.65	18.3	<b>م</b> ــ ا	11	18	41	20	100	55	110	364	226
1911	0.75	7.5	l –	11	35	34	49	116	81	138	244	268
1912	0.91	19.5	<b>!</b> —	21	17	33	29	98	63	90	344	214
1918	1.00	18.0	<b>1</b> –	19	19	47	45	120	70	115	283	158
1914	1.00	7.0	1 –	18	15	40	87	136	73	118	203	280
1915	0 90	11.2	_	18	9	25	25	112	77	100	238	310
1916	0.78	20.0	6.20	21	21	54	46	186	95	130	272	276
1917	1.78	28 0	7.60	23	82	56	56	160	110	140	350	283
1918	1.90	80.0	9 95	44	41	74	58	172	117	200	500	386
1919	2 67	48.0	14.17	56	68	80	87	200	222	300	866	390
1920	1.21	80.0	13 13	86	69	101	81	224	262	226	396	282
1921	1.18	17.0	7.51	82	34	66	55	106	158	130	442	276
1922	1.10	I -	10.14	52	48	85	76	208	64	150	400	398
1923	1.12	I –	13.99	40	26	46	81	196	49	120	394	230
1924	1.58	l –	9.14	34	35	74	ā£	118	60	110	480	365
1925	1.70		8.21	24	86	83	61	176	76	130	410	390
1926	1.31	l –	9.25	27	40	37	59	190	- 68	100	484	230
1927	1.13	_	9.28	28	24	57	57	156	86	80	314	312
1928	0.88	_	8.03	17	22	46	52	158	43	110	430	850
1929	1.06	l –	7.28	33	62	79	69	196	67	190	324	446
1930	0.83	l –	7.46	15	20	26	38	148	58	651	254	210
1981	0.66	-	7.39	26	15	30	25	80	68	50	274	162
1932	0.38	_	8.50	12	8	11	20	60	36	861	2001	164
1933	0 74	_	8 001	18†	201	191	301	80	671	801	3021	

<sup>\*</sup> Dashes indicate data not available.

Sources of data: See discussion of sources of data in Appendix A on pages 43 to 47.

<sup>†</sup> Subject to revision.

TABLE 45 Annual Index Numbers of Farm Prices, California, Years Beginning July 1, 1910–1932  $({\rm July}, 1924 \ {\rm to} \ {\rm June}, 1929 = 100)$ 

	Year All ginning prod-	Live	stock and li	vestock pro	oducta		Cr	ope	
Year beginning July 1	All prod- ucts	All	Meat animals	Dairy products	Poultry products	All	Grains	Field crops other than grains	Fruite
1910	70	75	68	80	81	67	64	68	68
1911	75	78	61	84	80	76	78	63	86
1912	70	75	67	84	76	67	76	68	66
1913	78	75	72	74	87	79	75	65	84
1914	68	73	72	70	83	65	76	53	66
1915	68 :	- 74	70	72	84	65	72	67	63
1916	90	87	85	82	97	92	103	109	87
1917	111	112	113	104	117	111	153	129	99
1918	188	128	124	122	142	136	149	121	139
1919	152	131	120	133	146	163	182	156	163
1920	133	108	96	114	125	147	115	118	165
1921	109	91	78	100	101	119	82	84	137
1922	105	97	84	108	101	109	85	94	120
1923	91	95	82	104	100	89	85	113	83
1934	10€	97	88	95	110	108	- 125	* 116	104
1925	104	103	99	103	107	105	102	105	106
1928	98	97	98	69	95	91	88	87	91`
1927	102	98	102	100	96	104	100	92	110
1928	95	105	113	103	97	91	85	101	89
1929	109	98	104	95	99	115	82	108	126
1930	74	74	79	74	71	75	59	71	78
1931	58	58	55	60	63	59	49	52	62
1932	46	48	45	49	56	45	85	45	47

Sources of data: Calculations by the author based on data presented in tables 7, 8, 41, and 44.

TABLE 46 Annual Index Numbers of Farm Prices, California, Calendar Years, 1910–1938 (1910–1914=100)

		Live	took and li	vestock pr	odecta		Cre	ope ago	
Year beginning January 1	prod-	All	Meat animals	Dairy products	Poultry products	All	Grains	Pield grope other then grains	Freite
1910	96	109	100	201	103	91 .	95	99	90
1911	99	96	95	98	96	101	94	96	111
1912	96	100	93	109	95	94	110	110	8.5
1918	113	102	104	102	100	120	108	111	125
1914	96	100	109	89	105	94	97	82	97
1915	98	96	103	87	99	90	102	98	84
1916	114	103	108	94	107	120	107	139	116
1917	149	135	150	119	130	147	180	212	191
1918	188	153	177	142	163	198	215	210	189
1919	208	176	182	161	181	218	228	218	918
1920	216	171	167	169	174	340	205	288	250
1921	147	123	119	125	128	150	117	132	175
1922	149	125	124	125	119	161	111	147	172
1923	189	180	121	135	122	132	118	170	122
1924	128	124	121	120	124	138	150	182	120
1925	154	140	148	132	138	162	158	182	154
1926	188	132	147	121	122	184	120	153	126
1927	134	129	144	127	109	130	127	142	134
1928	142	137	162	127	112	144	124	150	143
1929	147	140	163	128	124	150	\$18	174	148
1930	128	116	187	107	109	134	97	143	135
1831	87	87	98	63	80	87	69	94	66
1932	67	68	72	56	59	56	54	78	65
1933	71	68	67	62	67	74	65	#5	71

Sources of data: Calculations by the author based on data presented in tables 7, 8, 49, and 44.

	Live	rtock and li	vestock pr	oducts	Сторя					
Year beginning January 1		All	Meat animals	Dairy products	Poultry products	All	Grains	Field crops other than grains	Fruita	
1916	71	77	70	82	85	. 67	70	62	59	
1011	74	78	66	78	79	74	69	81	85	
1912	69	75	65	87	79	66	81	69	63	
1913	82	77	72	81	83	84	77	70	90	
1014	69	76	76	71	87	66	72	51	68	
1915	87	73	72	70	83	68	78	82	62	
1916	82	78	75	75	88	84	79	86	85	
1917	103	100	104	95	107	103	139	131	90	
1918	134	128	123	113	134	139	159	130	140	
1919	146	133	127	128	150	153	169	135	157	
1920	158	120	117	184	144	168	151	146	184	
1921	105	98	83	100	108	112	86	81	127	
1922	107	94	86	100	98	118	82	91	127	
1923	94	<b>\$8</b>	85	107	101	93	87	105	91	
1924	96	94	84	98	102	97	111	118	89	
1925	111	106	100	105	114	118	118	112	114	
1926	96	100	103	97	101	94	88	94	98	
1927	96	98	100	101	90	95	93	88	99	
1928	102	104	118	102	93	101	91	63	105	
1929	105	105	114	102	103	105	87	108	109	
1930	92	88	95	88	85	94	71	92	100	
1931	63	86	68	- 66	66	62	51	58	65	
1932	48	51	50	52	87	47	40	48	48	
1933	\$1	50	47	50	55	52	48	53	53	

Sources of data: Calculations by the author based on data presented in tables ?, \$, 40, and 44.

TABLE 46 Annual Index Numbers of Farm Prices, California, Calendar Years, 1910–1938 (1910–1914=100)

		Live	tock and li	vestock pr	oducta	Crops					
Year beginning January 1	All prod- ucta	All	Ment animals	Dairy products	Poultry products	All	Gratos	Field grops other than grains	Fruits		
1910	96	103	100	102	102	91 .	95	90	80		
1911	99	96	95	96	96	103	94	96	111		
1919	96	100	95	100	95	94	110	110	88		
1913	113	102	101	102	100	120	108	1))	125		
1914	98	100	100	89	105	94	97	<b>52</b>	95		
1916	<b>98</b> .	96	103	87	99	90	109	98	84		
1916	114	168	108	94	107	120	107	139	116		
1917	148	186	150	119	130	147	189	212	121		
1918	186	163	177	143	163	198	216	210	189		
1919	208	17ô	189	16L	181	218	228	918	213		
1920	216	171	167	961	174	240	205	234	240		
1921	147	133	119	135	128	160	117	182	173		
1922	149	125	124	125	119	161	111	147	173		
1928	182	130	121	135	123	132	118	170	j <b>2</b> f		
1924	138	124	121	120	124	188	150	182	120		
1925	154	148	148	182	138	102	158	182	154		
1926	188	132	147	121	122	134	120	163	126		
1927	134	129	144	127	109	136	127	142	134		
1928	143	137	162	127	112	144	124	150	142		
1929	147	140	163	128	124	150	118	174	148		
1930	129	116	137	107	103	134	97	i48	185		
1881	87	87	98	68	80	87	69	94	86		
1932	67	68	72	56	69	66	34	76	64		
1933	71	66	67	62	67	74	06	\$5	71		

Sources of data: Calculations by the author based on data presented in tables 7, 8, 40, and 44.

		Live	stock and li	vestock pr	oducta		Cr	o <b>ps</b>	
Year beginning January I		All	Meat animals	Dairy products	Poultry products	All	Grains	Field crops other than grains	Freits
1910	71	77	70	82	85	67	70	62	69
1911	74	73	66	78	79	74	89	61	85
1913	69	75	65	87	70	66	81	69	63
1913	82	77	72	81	83	84	77	70	90
1914	69	76	76	71	87	68	72	51	68
1915	87	73	72	70	82	68	75	62	82
1916	82	78	75	78	89	84	79	86	85
1917	103	. 103	104	95	107	108	139	131	90
1918	134	123	123	113	134	139	159	130	140
1919	148	183	127	128	150	158	169	135	157
1920	155	129	117	134	144	188	151	146	184
1921	105	93	83	100	105	112	85	81	127
1922	107	94	86	100	98	113	82	91	127
1923	94	98	85	107	101	93	87	105	91
1924	96	94	84	98	102	97	111	113	89
1925	111	108	100	105	114	113	118	112	114
1925	96	100	103	97	101	94	. 88	94	93
1927	25	98	100	101	90	95	93	88	86
1928	102	104	118	102	93	101	91	93	105
1929	105	105	114	102	103	105	87	108	109
1980	92	88	95	86	85	94	71	93	100
1931	63	- 66	68	65	56	62	51	58	65
1932	48	51	50	52	57	47	40	46	48
1633	<b>51</b>	50	47	50	55	53	48	53	53

Sources of data: Calculations by the author based on data presented in tables 7, 8, 40, and 44.

TABLE 48 ANNUAL INDEX NUMBERS OF FARM PRICES, UNITED STATES, CALENDAR YEARS 1910-1933\*

(1910-1914 = 100)

Year		Livestock	and Evestoci		Crops		
beginning January I	All products	Meat animak	Dairy products	Poultry products	Oraine	Presite and vegetables	Critica an
1910	108	102	100	104	104	#1	110
3911	96	26	97	#0	- 94	196	104
1912	99	94	104	101	106	110	•
1012	100	106	101	100	92	98	101
1914	103	111	100	195	108	161	
1915	101	192	98	102	120		10
1916	217	118	102	116	124	123	194
1917	176	171	125	156	317	303	196
1918	200	199	182	186	234	162	264
1919	309	394	172	206	231	] <b>189</b>	396
1939	305	170	198	221	\$91	349	254
1921	118	307	148	180	112	148	106
1922	122	211	134	120	106	132	161
1923	134	196	J48	145	214	136	225
1924	134	108	134	146	129	194	219
1925	147	138	137	161	156	160	163
1926	136	144	134	155	120	186	126
1927	181	137	134	140	138	186	133
1922	139	E40	140	149	130	166	1.50
1929	138	154	140	158	121	196	186
1936	117	132	127	736	100	154	106
1931	80	92	94	96	44	#	#
1932	57	68	70	80	44	71	48
1983	63	<b>50</b>		74	40	80	<b>66</b>

<sup>\*</sup> Index numbers converted to the 1910-1914 base by considering the unweighted average of the sixty monthly index numbers for this period, on the August, 1909 to July, 1914 base, as equal to 100.

Sources of data: 1910-1930; U. S. Dept. Agr. Yearbook of Agriculture, 1931; 1018-1033, 1931-1931-1933; U. S. Dept. Agr. The agricultural situation, monthly issues.

Year beginning January 1	New York	Pennsyl- vania	Ohio	Indiana	lowa.	Missouri	North Dakota	Alabama	Техаз	Utah	Oregon	California
910019	101	100	103	103	102	100	110	111	110	108	107	96
911	96	94	89	88	87	87	102	102	99	88	97	99
912	101	102	101	100	99	100	101	91	93	98	96	96
913	98	100	103	103	104	105	89	101	102	100	98	118
914	102	104	105	105	108	109	100	96	96	101	102	96
1915	99	102	104	102	103	107	121	85	95	108	106	93
916	116	115	120	118	120	119	131	116	122	125	114	114
1917	173	171	181	176	182	176	202	176	180	179	168	143
1918	165	194	201	195	207	198	224	230	224	193	191	186
(919	209	207	216	205	218	206	238	230	226	202	198	203
1920	218	219	210	189	189	186	236	244	220	312	195	216
1921	145	140	130	110	104	113	123	109	107	112	118	147
1922	134	128	127	112	111	111	115	144	134	124	119	149
923	144	138	133	110	115	111	109	189	170	139	119	132
1924	129	136	134	116	122	115	123	190	169	139	122	183
1925	148	154.	157	148	148	141	152	166	158	184	147	154
1926	158	180	154	140	141	139	150	181	128	143	138	133
1927	152	154	147	130	139	135	137	132	131	142	132	184
1928	154	156	154	137	145	145	129	150	152	148	144	142
929	159	158	148	140	148	145	128	146	145	180	146	147
930	142	140	129	121	128	124	100	108	109	121	106	128
1931	103	104	91	84	86	86	65	72	71	92	78	87
932	78	75	63	58	56	62	80	53	52	73	68	67 1

Sources of data: See footnotes to table 18.