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University of California
College of Agriculture
Agricultural Experiment Station
Berkeley, California

DECIDUOUS FRUIT STATISTICS

as of January 1940

by

S. W. Shear

Contribution from the
Giannini Foundation of Agricultural Economics
Mimeographed Report No. 69

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DECIDUOUS FRUIT STATISTICS

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DECIDUOUS FRUIT STATISTICS *

as of January, 1940

Compiled by

S. W. Shear †

FOREWORD

This publication is the second compendium of selected Deciduous Fruit Statistics published in the present form by the Giannini Foundation. The data have been compiled for the use of those interested in the important economic changes and tendencies revealed by the available statistics on supply, demand, and prices of California deciduous fruits. The present edition contains eighty-five tables relating mostly to ten fruits grown extensively in California, namely, apples, apricots, cherries, dates, figs, grapes, peaches, pears, plums, and prunes. The annual data given are mostly for the past fifteen or twenty crop years and deal largely with acreage, production, yields, utilization, consumption, shipments, exports, imports, and prices with special reference to California and the United States. Statistics on wine and brandy production and consumption are a valuable addition to this edition.

The data included have been selected as being the most generally useful of a much larger group of statistics that the author has found necessary to keep up to date in order quickly to help responsible groups in diagnosing some of the major economic problems of the deciduous fruit industries of the state. This compendium makes available to the fruit industry, in one place, selected data, evaluated and described, and conveniently arranged to throw light on the direction or tendencies of the more important economic changes taking place in the supply, demand, and price of California deciduous fruits.

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* Contribution from the Giannini Foundation of Agricultural Economics, Mimeographed Report No. 69. January, 1940.

† Associate Agricultural Economist in the Experiment Station and on the Giannini Foundation of Agricultural Economics, University of California.

This compendium supplements the extensive body of fruit statistics included in Agricultural Statistics, the statistical yearbook of the United States Department of Agriculture that, prior to 1936, was included in its well known Yearbook of Agriculture. Anyone seriously interested in statistical changes in the fruit industry of California and the United States should have the latest edition of Agricultural Statistics (1939) and also of The Agricultural Outlook (1940) which the United States Department of Agriculture releases in mimeographed form in November of each year. Of the numerous current reports of the United States Department of Agriculture dealing with fruit statistics, the Fruit Situation, published monthly, is of the most general interest.

ACKNOWLEDGMENTS

The author wishes to thank all the persons and agencies who have generously cooperated in making the data in this report available. Miss Valerie W. Smith, Statistical Clerk in the Statistical Laboratory of the Giannini Foundation, deserves most of the credit for the accuracy of the tables and footnotes which have involved a tremendous amount of detailed, painstaking, thoughtful work in compiling, checking, and documentation.

Although the author takes the responsibility for the tables as presented in this compendium, it is really the joint contribution of many persons and agencies engaged in the collection and compilation of economic statistics. The agency or agencies from whom the data were secured are given specific credit for their contributions in the footnote to each table. Those who reproduce data from this report will strengthen the cause of adequate and improved basic statistics by naming the specific agency or agencies whom the author has indicated as the source of the data.

DECIDUOUS FRUIT STATISTICS

COMPARATIVE SUMMARIES

Table 1. California Bearing Acreage* and Production† of Fruits, 1919-1939

Crop year*	Bearing acreage *			Production †		
	Deciduous and citrus total	Deciduous, including grapes	Citrus	Deciduous and citrus total	Deciduous, including grapes	Citrus
	1	2	3	4	5	6
	Thousands of acres			Thousands of tons, fresh equivalent		
Annual:						
1919	865	682	183	3,442	2,676	766
1920	922	716	206	3,343	2,328	1,015
1921	961	743	218	2,771	2,109	662
1922	1,037	815	222	4,045	3,145	900
1923	1,088	864	224	4,520	3,413	1,107
1924	1,195	970	225	3,640	2,778	862
1925	1,309	1,079	230	4,518	3,375	1,143
1926	1,405	1,172	233	5,070	3,799	1,271
1927	1,429	1,197	232	5,151	4,128	1,023
1928	1,452	1,215	237	6,057	4,375	1,682
1929	1,433	1,189	244	4,128	3,114	1,014
1930	1,375	1,126	249	6,167	4,585	1,582
1931	1,360	1,105	255	4,849	3,292	1,557
1932	1,354	1,094	260	5,279	3,784	1,495
1933	1,317	1,056	261	4,835	3,511	1,324
1934	1,310	1,045	265	5,357	3,307	2,050
1935	1,282	1,011	271	5,542	4,030	1,512
1936	1,221	948	273	4,855	3,484	1,371
1937	1,256	965	291	6,623	4,602	2,021
1938	1,265	962	303	6,509	4,586	1,923
1939	1,272‡	961‡	311‡	5,999‡	4,173‡	1,826‡
Averages:						
1919-1923	975	764	211	3,624	2,734	890
1924-1928	1,358	1,127	231	4,887	3,691	1,196
1929-1933	1,368	1,114	254	5,052	3,657	1,395
1934-1938	1,267	986	281	5,777	4,002	1,775

* For state acreage for each fruit see separate tables for the fruit. For 1938 data on county acreage by kinds of fruit and state acreage by variety and age, see R. E. Blair, and H. C. Phillips, Acreage Estimates of California Fruit and Nut Crops as of 1938. California Cooperative Crop Reporting Service, Sacramento, July 1, 1939.

† Citrus production is for the 12 months beginning November 1 of the years indicated.

‡ Preliminary estimates.

Source of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, based on data of the California and United States Crop Reporting Service.

Table 2

California Production* of Deciduous-Tree Fruits,† 1919-1939

Crop year	Apples	Apricots	Cherries	Figs‡	Peaches	Pears	Plums	Prunes	Total
	1	2	3	4	5	6	7	8	9
	Equivalent fresh weight in short tons								
1919	196,800	172,000	12,400	36,900	410,000	111,000	42,000	350,000	1,331,100
1920	144,000	108,000	17,500	38,100	363,000	105,000	35,000	243,800	1,054,400
1921	174,600	100,000	13,000	30,400	310,000	89,000	42,000	250,000	1,009,000
1922	196,800	163,000	17,000	35,600	413,000	150,000	48,000	315,000	1,338,400
1923	252,000	210,000	19,000	31,800	380,000	136,000	69,000	285,000	1,382,800
1924	213,700	142,000	13,500	27,700	327,000	133,000	39,000	347,500	1,243,400
1925	144,400	150,000	12,000	31,900	390,000	181,000	51,000	365,000	1,325,300
1926	248,400	176,000	20,000	39,300	534,000	204,000	71,000	377,500	1,670,200
1927	179,000	208,000	12,000	41,400	481,000	181,000	57,000	562,500	1,721,900
1928	314,400	175,000	16,600	40,600	618,000	226,000	66,000	552,500	2,009,100
1929	189,100	215,000	16,300	58,300	321,000	190,000	40,000	257,500	1,287,200
1930	279,500	200,000	17,500	70,700	796,000	273,000	82,000	685,000	2,403,700
1931	218,700	277,000	23,000	57,300	579,000	217,000	65,000	535,000	1,972,000
1932	217,100	270,000	18,500	63,500	547,000	244,000	68,000	430,000	1,858,100
1933	224,000	268,000	25,300	70,400	530,000	221,000	57,000	455,000	1,850,700
1934	156,000	139,000	17,000	77,700	495,000	233,000	62,000	427,500	1,607,200
1935	237,300	216,000	15,000	82,200	429,000	163,000	48,000	645,000	1,835,500
1936	214,100	248,000	23,000	71,000	512,000	240,000	64,000	397,500	1,769,600
1937	247,000	311,000	21,600	98,100	558,000	224,000	66,000	622,500	2,148,200
1938	196,800	166,000	30,000	105,500	492,000	282,000	63,000	720,000	2,055,300
1939§	216,000	317,000	33,600	87,000	569,000	248,000	69,000	460,000	1,999,600

* Total harvested and unharvested production. See table 5 for averages by five-year periods.
† For grape production see Grapes, table 2. ‡ Merchantable and non-merchantable.
§ Preliminary.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, largely from California and United States Crop Reports except apples for 1938 and 1939 are estimates by S. W. Shear.

Cols. 1, 5, and 6: Apples, pears, peaches converted to tons at 48 pounds per bushel.
Cols. 4 and 8: Dry weight converted to fresh by multiplying figs by 3 and prunes by $2\frac{1}{2}$.

Table 3

California Bearing Acreage of Deciduous Tree Fruits,* 1919-1939

Year	Apples	Apricots	Cherries	Figs	Peaches	Pears	Plums	Prunes	Total
	1	2	3	4	5	6	7	8	9
	Acres								
1919	46,731	46,100	8,750	10,500	103,378	23,056	17,250	104,000	359,765
1920	46,931	47,907	8,884	11,023	103,200	29,366	17,300	105,000	369,611
1921	49,898	56,407	8,758	11,472	96,841	31,434	19,715	106,269	380,794
1922	51,754	60,754	9,317	12,774	101,829	37,681	22,434	111,383	407,926
1923	52,857	62,287	9,646	16,979	103,856	40,962	23,800	119,429	429,816
1924	53,772	64,189	9,981	21,328	106,330	43,125	25,398	128,704	452,827
1925	55,458	66,855	10,433	23,440	111,783	46,773	28,268	138,753	481,763
1926	56,343	72,107	10,828	29,537	118,079	51,993	30,081	155,978	524,946
1927	51,342	79,260	10,554	42,595	124,826	57,639	33,004	162,109	561,329
1928	49,886	82,703	11,606	47,038	134,245	60,749	33,578	167,683	587,488
1929	46,748	82,136	11,984	46,353	125,832	65,637	32,584	171,330	582,604
1930	44,477	81,448	12,555	46,728	122,934	65,288	31,882	170,803	576,115
1931	43,676	80,543	13,147	46,142	122,444	66,421	31,572	170,542	574,487
1932	43,008	81,534	13,621	45,760	113,628	69,580	32,119	169,358	568,608
1933	41,950	79,596	14,004	42,744	105,332	70,474	31,172	166,523	551,795
1934	41,193	78,795	14,551	41,526	103,295	68,969	31,358	166,104	545,791
1935	43,200	80,000	14,200	38,000	99,000	61,000	26,900	157,000	519,300
1936	37,546	73,773	14,532	38,293	81,332	53,839	24,943	155,462	479,720
1937	38,100	74,756	15,228	38,206	81,653	53,762	25,720	156,082	483,507
1938	37,680	73,571	15,211	37,689	78,132	52,801	26,032	153,795	474,911
1939†	36,400	73,600	15,500	37,200	80,000	51,400	26,000	151,600	471,700

* For grape acreage data see Grapes, table 1.

† Very preliminary estimates.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from the latest available estimates of the California Cooperative Crop Reporting Service.

Table 4. Harvested Production and Utilization of California Fruits, Average 1934-1938*

Kind of fruit	Quantity, fresh tons					Per cent of harvested production			
	Harvested production	Dried	Canned	Otherwise processed	Used fresh	Dried	Canned	Otherwise processed	Used fresh
Total fruits	5,558,880	1,875,868	399,953	943,756	2,339,303	33.7	7.2	17.0	42.1
Deciduous	3,941,752	1,875,868	399,953	757,523	908,408	47.6	10.2	19.2	23.0
Grapes	2,118,600	881,520	4,060	736,800†	496,220†	41.6	0.2	34.8†	23.4†
Deciduous-tree	1,823,152	994,348	395,893	20,723	412,188	54.6	21.7	1.1	22.6
Citrus	1,617,128	0	0‡	186,233‡	1,430,895	0	0‡	11.5‡	88.5
Deciduous:									
Apples	206,592	72,648	528	14,808§	118,608¶	35.2	0.2	7.2	57.4¶
Apricots	216,000	143,640	54,320	0	18,040	66.5	25.1	0	8.4
Cherries	20,360	0‖	3,420	5,915‖	11,025	0‖	16.8	29.0‖	54.2
Figs	86,900	76,260	5,025	0	5,615	87.7	5.8	0	6.5
Peaches	482,400	139,300	265,060	0	78,040	28.9	54.9	0	16.2
Pears	219,800	32,000	65,700	0	122,100	14.6	29.9	0	55.5
Plums	60,600	0	1,840	0	58,760	0	3.0	0	97.0
Prunes	530,500	530,500	0	0	0	100.0	0	0	0
Grapes:									
Wine	558,200	960	0	395,280†	161,960†	0.2	0	70.8†	29.0†
Table	371,600	6,160	0	160,920†	204,520†	1.7	0	43.3†	55.0†
Raisin	1,188,800	874,400	4,060	180,600†	129,740†	73.6	0.3	15.2†	10.9†
Citrus:									
Oranges	1,237,761	0	0‡	126,238‡	1,111,523‡	0	0‡	10.2‡	89.8
Lemons	325,037	0	0‡	55,723‡	269,314‡	0	0‡	17.1‡	82.9
Grapefruit	54,330	0	0‡	4,272‡	50,058‡	0	0‡	7.9‡	92.1

* Citrus production is for years beginning November 1, 1933-1937.

† Grapes "otherwise processed" are only those commercially crushed. Many shipped fresh are used for home wine making.

‡ "Otherwise processed" includes citrus for by-products, including canned, also used fresh on farms where grown.

§ Apples "otherwise processed" are used for cider and vinegar.

¶ Includes "commercial" apples for fresh use and apples used on farms where grown.

‖ Cherries "otherwise processed" are nearly all barrelled in brine but include very small quantities dried.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, based on releases of the California Cooperative Crop Reporting Service.

Table 5. United States and California Production* of Fruits, Averages 1919-1938

Kind of fruit	1919-1923			1924-1928			1929-1933			1934-1938		
	United States production	California Quantity	California Per cent of United States	United States production	California Quantity	California Per cent of United States	United States production	California Quantity	California Per cent of United States	United States production	California Quantity	California Per cent of United States
	1,000 tons, fresh weight		Per cent	1,000 tons, fresh weight		Per cent	1,000 tons, fresh weight		Per cent	1,000 tons, fresh weight		Per cent
All fruits	9,681	3,631	37.5	11,457	4,901	42.8	11,823	5,074	42.9	13,452	5,806	43.2
Deciduous-tree	6,132	1,224	20.0	6,769	1,594	23.5	6,832	1,874	27.4	6,841	1,883	27.5
Grapes	1,730	1,511	87.3	2,333	2,097	89.9	2,071	1,782	86.0	2,369	2,119	89.4
Citrus	1,638	890	54.3	2,119	1,196	56.4	2,673	1,395	52.2	4,006	1,775	44.3
Others	181	6	3.3	236	14	5.9	247	23	9.3	236	29	12.3
Deciduous-tree	6,132	1,224	20.0	6,769	1,594	23.5	6,832	1,874	27.4	6,841	1,883	27.5
Apples	3,904	193	4.9	4,013	220	5.5	3,805	226	5.9	3,668	210	5.7
Peaches	1,111	375	33.8	1,309	470	35.9	1,275	555	43.5	1,255	497	39.6
Pears	403	118	29.3	523	185	35.4	597	229	38.4	700	228	32.6
Prunes*	369	289	78.3	521	441	84.6	584	472	80.8	644	563	87.4
Apricots	151	151	100.0	170	170	100.0	246	246	100.0	216	216	100.0
Plums*	91	47	51.6	110	57	51.8	134	62	46.3	136	61	44.9
Cherries	68	16	23.5	83	15	18.1	125	20	16.0	134	21	15.7
Figs	35	35	100.0	40	36	90.0	66	64	97.0	88	87	98.9
Grapes, total	1,730	1,511	87.3	2,333	2,097	89.9	2,071	1,782	86.0	2,369	2,119	89.4
Raisin	887	887	100.0	1,248	1,248	100.0	1,074	1,074	100.0	1,189	1,189	100.0
Wine	399	399	100.0	423	423	100.0	405	405	100.0	558	558	100.0
Table †	444	225	50.7	662	426	64.4	592	303	51.2	622	372	59.8
Citrus, total	1,638	890	54.3	2,119	1,196	56.4	2,673	1,395	52.2	4,006	1,775	44.3
Oranges	1,157	694	60.0	1,469	928	63.2	1,822	1,082	59.4	2,529	1,363	53.9
Grapefruit	297	12	4.0	402	20	5.0	579	41	7.1	1,121	56	5.0
Lemons	184	184	100.0	248	248	100.0	272	272	100.0	356	356	100.0
Others, total	181	6	3.3	236	14	5.9	247	23	93.0	236	29	12.3
Dates	‡	‡		2	2	100.0	7	7	100.0	15	14	93.3
Cranberries	28	0	0.0	30	0	0.0	31	0	0.0	28	0	0.0
Strawberries	153	6	3.9	204	12	5.9	209	16	7.7	193	15	7.8

* Harvested and unharvested production except Oregon and Washington plum and prune data include harvested production only

† Production in states other than California included in table varieties. ‡ Less than 500 tons.

Source of data: Compiled by S. W. Shear, Giannini Foundation, Univ. of Calif., from U. S. & Calif. crop reports.

COMPARATIVE SUMMARIES

Table 6

Pacific Coast Dried Fruit Production, Five-Year Averages 1894-1938 and Relatives, 1909-1913 = 100

Years	Pacific Coast total*	Northwest total*	California							
			Total	Apples	Apricots	Figs	Peaches	Pears	Prunes	Raisins and other dried grapes †
	Tons, dry weight									
1894-1898			105,500	2,200	8,400	1,500	10,900	3,500	35,300	43,700
1899-1903	167,900	8,000	159,900	3,200	11,400	3,100	18,500	3,700	73,200	46,800
1904-1908	146,500	7,200	139,300	2,600	6,700	3,300	15,500	1,600	54,600	55,000
1909-1913	201,000	10,900	190,100	3,000	14,100	4,700	23,100	1,400	72,100	71,700
1914-1918	291,200	15,600	275,600	5,600	16,300	8,500	31,700	1,100	76,200	136,200
1919-1923	413,600	25,300	388,300	9,000	16,500	10,900	27,000	3,100	115,500	206,300
1924-1928	514,100	27,100	487,000	9,800	20,000	9,400	22,800	4,000	176,400	244,600
1929-1933	518,700	38,800	479,900	10,700	31,200	13,600	21,800	5,100	185,600	211,900
1934-1938	549,800	31,600	518,200	10,500	26,200	19,400	23,300	5,800	212,200	220,800
	Per cent, 1909-1913 = 100									
1894-1898			55.5	73.3	59.6	31.9	47.2	250.0	49.0	60.9
1899-1903	83.5	73.4	84.1	106.7	80.9	66.0	80.1	264.3	101.5	65.3
1904-1908	72.9	66.1	73.3	86.7	47.5	70.2	67.1	114.3	75.7	76.7
1909-1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1914-1918	144.9	143.1	145.0	186.7	115.6	180.9	137.2	78.6	105.7	190.0
1919-1923	205.8	232.1	204.3	300.0	117.0	231.9	116.9	221.4	160.2	287.7
1924-1928	255.8	248.6	256.2	326.7	141.8	200.0	98.7	285.7	244.7	341.1
1929-1933	258.1	356.0	252.4	356.7	221.3	289.4	94.4	364.3	257.4	295.5
1934-1938	273.5	289.9	272.6	350.0	185.8	412.8	100.9	414.3	294.3	307.9

* Northwest data include only prunes, 1899 through 1918, and apples and prunes, 1919 through 1938. Apples are the only fruit dried commercially in significant quantities in states outside the Pacific Coast.

† Dried grapes other than raisins are included from 1926 to date.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from reports of Dried Fruit Association of California, and of the California Cooperative Crop Reporting Service for recent years, and trade estimates from the California Fruit News and other sources before 1919.

COMPARATIVE SUMMARIES

Table 7

United States Domestic Exports of Dried Fruits by Kinds, 1922-1938

Year beginning July 1	Grand total	Raisins	Deciduous-tree fruits								
			Total	Apples	Peaches	Prunes	Apricots	Others			
								Total	Pears	Fruit salad	All others
	1	2	3	4	5	6	7	8	9	10	11
	Short tons, dry weight										
1922	106,709	46,981	59,728	6,408	2,793	39,615	5,596	5,316	-- *	--	--
1923	160,347	44,076	116,271	15,205	6,488	68,224	19,388	6,966	--	--	--
1924	155,491	45,392	110,099	9,612	2,334	85,886	6,646	5,621	--	--	--
1925	172,378	67,514	104,864	12,416	1,676	75,702	9,066	6,004	--	--	--
1926	201,440	76,168	125,272	16,335	3,484	87,772	8,951	8,730	--	--	--
1927	262,757	96,550	166,207	10,852	3,271	130,312	11,842	9,930	--	--	--
1928	302,646	110,878	191,768	25,012	6,218	136,526	12,326	11,686	--	--	--
1929	167,025	64,348	102,677	11,884	1,924	71,495	9,550	7,824	1,828	--	5,996
1930	258,170	62,550	195,620	19,060	4,241	148,127	11,824	12,368	4,019	7,259	1,090
1931	234,195	61,106	173,089	15,778	4,245	121,968	18,811	12,287	3,040	7,780	1,467
1932	199,758	56,254	143,504	18,301	3,824	91,677	17,134	12,568	3,128	7,054	2,386
1933	204,645	46,987	157,658	18,670	3,784	101,416	18,308	15,480	4,204	5,978	5,298
1934	156,528	46,945	109,583	11,748†	3,176	76,358	7,598	10,703	2,843	5,698	2,162
1935	210,489	54,508	155,981	16,285†	3,048	108,814	13,294	14,540	3,780	7,236	3,524
1936	177,727	56,166	121,561	10,640†	3,522	81,976	14,683	10,740	3,676	4,494	2,570
1937	221,336	70,685	150,651	12,218†	3,174	107,419	16,339	11,501	2,789	6,489	2,223
1938	234,469	76,622	157,847	15,815†	4,119	107,016	14,420	16,477	4,358	10,431	1,688

* Dashes indicate data not available.

† Excludes "Apple waste (except pomace)."

Source of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California. Data through 1929 are from Caroline G. Gries. Foreign Trade of the United States, Annual, 1790-1929. Fruits. U. S. Dept. Agr. Bur. Agr. Econ. Mimeograph Report F.S. 48, May 1930. 1930-1938 compiled from Monthly Summaries of Foreign Commerce, January and June issues.

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January, 1940

COMPARATIVE SUMMARIES

Table 8

F.o.b. California Packers' Prices of Dried Fruits, 1921-1939

Year	Apples	Apricots	Figs	Peaches	Pears	Prunes	Raisins
	1	2	3	4	5	6	7
	Cents per pound						
Averages:							
1921-1925	10.8	17.9	7.1	10.9	13.8	8.5	9.3
1926-1929	11.2	17.9	6.7	11.2	11.2	7.1	5.4
1930-1933	7.4	9.4	5.2	6.5	6.6	4.2	4.3
1934-1938	7.9	14.0	6.8	8.1	7.0	4.1	4.2
Annual:							
1921	13.0	20.4	8.8	11.4	15.4	9.0	14.0
1922	9.8	23.6	9.1	11.8	13.1	10.0	10.5
1923	8.0	9.7	5.8	7.5	8.2	8.0	7.3
1924	12.0	16.3	6.1	10.0	17.3	7.5	7.4
1925	11.0	19.6	5.7	13.8	14.9	7.8	7.3
1926	8.5	22.1	6.2	12.5	9.1	6.7	6.8
1927	12.5	16.2	5.0	9.4	10.4	5.6	5.6
1928	11.5	16.4	6.2	8.4	10.0	6.6	4.4
1929	12.5	16.9	9.4	14.5	15.1	9.6	4.9
1930	8.5	11.4	5.9	6.8	7.1	4.4	4.7
1931	7.5	8.4	5.5	6.8	6.6	3.4	5.1
1932	5.3	7.3	3.7	4.7	5.7	3.5	3.3
1933	8.3	10.4	5.7	7.7	6.8	5.7	4.2
1934	9.0	17.9	7.0	8.7	7.6	5.1	4.3
1935	7.5	14.6	6.3	9.0	7.7	3.5	4.1
1936	9.5	13.0	8.0	8.7	7.3	5.0	4.8
1937	6.5	10.6	6.6	7.3	5.9	3.6	4.0
1938	7.0	13.9	6.1	6.9	6.4	3.3	3.7
1939 *	6.8	11.0	7.7	8.1	7.3	4.6*	3.6*

* Preliminary estimates.

Sources of data:

Compiled by S.W. Shear, Giannini Foundation of Agricultural Economics, University of California, from weekly issues of the California Fruit News.

Col. 1: Choice dried apples, August-December inclusive.

Col. 2: Choice Blenheims, July-December inclusive.

Col. 3: Choice Adriatics, season through December 31.

Col. 4: Choice Muirs, August-December inclusive.

Col. 5: Choice Northerns, season through December 31.

Col. 6: Monthly prices of 50/60's for crop years weighted by shipments.

Col. 7: Thompson Seedless, choice bulk, monthly prices for crop years weighted by shipments.

Table 9

United States* Canned Pack of Tomato Juice and Fruit Juices, 1929-1938

Crop year	Grand Total	Tomato	Fruit juices								
			Total	Citrus	Pine-apple	Grape	Other†	Citrus fruits			
								Grape-fruit	Orange	Lemon	Other citrus‡
	1	2	3	4	5	6	7	8	9	10	11
	Thousands of cases, equivalent 24 No. 2 cans §										
1929-30	1,402	220	1,182	212	--¶	970	--	174	38	--	--
1930-31	3,123	1,607	1,516	516	--	1,000	--	417	99	--	--
1931-32	6,971	5,550	1,421	285	--	1,136	--	249	36	--	--
1932-33	7,172	5,336	1,836	836	--	1,000	--	732	104	--	--
1933-34	6,899	5,072	1,827	983	1	843	--	640	343	--	--
1934-35	13,215	6,688	6,527	3,858	1,569	1,100	--	2,700	1,058	100	--
1935-36	22,336	11,256	11,080	3,767	5,783	1,407	123	2,204	1,177	300	86
1936-37	36,474	16,017	20,457	9,044	9,375	1,730	308	6,474	1,798	500	272
1937-38	40,713	16,880	23,833	10,933	8,782	1,910	2,208	8,654	1,306	425	548
1938-39//	38,377	11,184	27,193	13,700	10,331	1,810	1,352	10,700	1,800	500	700

* Includes imports of grapefruit juice from Puerto Rico and of pineapple juice from Hawaii.

† Includes nectars made from apricots, peaches, pears, and fresh prunes, and juices made from dried prunes, loganberries, cherries, raspberries, and strawberries.

‡ Includes orange and grapefruit juice mixtures.

§ Lemon juice and other fruit juices in col. 7 are in actual, not equivalent cases.

¶ Dashes indicate data are not available, but would probably be very small.

// Preliminary.

Sources of data:

Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, College of Agriculture, University of California, from U. S. Dept. Agr., Bur. Agr. Econ., Agricultural Outlook Charts, 1940. Fruits and Nuts, p. 6, Washington, D.C., October, 1939.

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Table 10. Canned Packs of Chief Fruits, 1921-1938

Year beginning June 1	Pineapple, pears, peaches, and apricots						Cocktail and salad, California *		
	Total, four fruits	Pineapples, Hawaii	Pears, peaches, and apricots						
			Total	Pears, Pacific Coast	Peaches, California	Apricots, California	Total	Cocktail	Salad
	Thousands of cases †								
Averages:									
1921-1925	18,096	6,297	11,799	2,208	7,572	2,019	--‡	--	--
1926-1930	28,351	9,673	18,678	3,675	12,172	2,831	1,369	--	--
1931-1934	23,280	8,672	14,608	4,166	8,442	2,000	1,905	--	--
1935-1938	30,299	11,250	19,049	4,509	11,249	3,291	3,486	2,278	1,208
Annual:									
1921	13,341	5,263	8,078	1,346	5,633	1,099	--	--	--
1922	19,413	4,770	14,643	2,432	8,784	3,427	--	--	--
1923	16,277	5,896	10,381	1,713	7,158	1,510	--	--	--
1924	17,054	6,826	10,228	2,119	6,141	1,968	--	--	--
1925	24,395	8,729	15,666	3,429	10,143	2,094	--	--	--
1926	29,486	8,940	20,546	3,260	14,059	3,227	1,113	--	--
1927	25,291	8,879	16,412	2,639	10,813	2,960	994	--	--
1928	29,366	8,663	20,703	4,116	14,596	1,991	1,367	--	--
1929	25,539	9,210	16,329	4,206	8,100	4,023	1,713	--	--
1930	32,072	12,672	19,400	4,152	13,294	1,954	1,660	--	--
1931	26,871	12,808	14,063	3,636	8,421	2,006	1,349	--	--
1932	16,424	5,064	11,360	3,117	6,438	1,805	1,405	--	--
1933	24,918	7,816	17,102	4,377	10,309	2,416	2,290	--	--
1934	24,908	9,000§	15,908	5,536	8,598	1,774	2,576	1,192	1,384
1935	28,650	10,000§	18,650	4,270	11,216	3,164	3,022	1,682	1,340
1936	30,965	12,000§	18,965	5,355	10,711¶	2,899	3,688	2,221	1,467
1937	35,622	12,500§	23,122	4,321	13,248¶	5,553	4,476	3,221	1,255
1938	25,959	10,500§	15,459	4,090	9,822¶	1,547	2,757	1,988	769
1939§	29,100	11,000§	18,100	3,300§	11,462¶	3,338	5,258	3,711	1,547

* Salad and cocktail are packed partly from the canned pack data of the individual fruits as given and hence there is some duplication in data particularly in earlier years.

† Equivalent cases of 24 No. 2½ cans. ‡ Dashes indicate data not available. § Preliminary estimates.

¶ Excludes pickled cling peaches in cases as follows: 1936, 115,619; 1937, 111,280; 1938, 24,944; and 1939, 195,681.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, based on mimeographed releases of the Canners League of California, except pineapples 1921-1933 from reports of the Association of Hawaiian Pineapple Packers and 1934-1939 are trade estimates. Pineapple data exclude juice.

Table 11

United States Exports* of Chief Canned Fruits, 1921-1938

Year beginning June 1 †	Total	Pineapples †	Pears, peaches and apricots			
			Total	Pears	Peaches	Apricots
	Thousands of cases ‡					
Averages:						
1921-1925	3,706	603	3,103	1,128	1,321	654
1926-1930	4,894	968	3,926	1,445	1,846	635
1931-1934	3,974	432	3,542	1,573	1,532	437
1935-1938	4,510	528	3,982	1,606	1,762	614
Annual:						
1921	3,065	550 §	2,515	807	1,108	600 §
1922	3,464	486	2,978	1,064	1,214	700 §
1923	3,223	561	2,662	894	1,147	621
1924	3,776	583	3,193	1,196	1,281	716
1925	5,003	834	4,169	1,680	1,856	633
1926	4,731	832	3,899	1,409	1,681	809
1927	5,044	1,138	3,906	1,236	2,040	630
1928	5,634	1,056	4,578	1,821	2,163	594
1929	4,648	1,029	3,619	1,163	1,727	729
1930	4,412	785	3,627	1,595	1,618	414
1931	4,098	465	3,633	1,668	1,469	496
1932	3,921	354	3,567	1,358	1,733	476
1933	4,588	485	4,103	1,766	1,799	538
1934	3,291	425	2,866	1,503	1,126	237
1935	5,323	526	4,797	1,894	2,307	596
1936	3,828	531	3,297	1,465	1,309	523
1937	3,746	560	3,186	1,340	1,271	575
1938	5,141	493	4,648	1,726	2,160	762

* For data on total shipments see apricot table 4, peach table 6, and pear table 8.

† Years beginning June 1, except pineapple exports which are for years beginning July 1.

‡ Equivalent cases of 24 No. $2\frac{1}{2}$ cans. § Estimates by S. W. Shear.

Source of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from U. S. Bur. For. and Dom. Com. Monthly Summary of Foreign Commerce of the United States. Converted from pounds to cases at 45 pounds per case.

Table 12

F.O.B. Prices Received for Chief Canned Fruits, 1921-1938

Year beginning June 1	Pineapple, Hawaii	Pears, Pacific Coast	Peaches, California	Apricots, California
	Dollars per case			
Averages:				
1921-1925	5.26	5.21	4.01	3.83
1926-1930	4.40	4.28	3.40	3.76
1931-1934	3.35	2.75	2.38	2.68
1935-1938	3.60	2.92	2.61	2.81
Annual:				
1921	4.60	5.34	4.13	3.72
1922	6.00	5.21	4.25	4.41
1923	6.20	4.67	3.67	3.37
1924	5.30	5.40	4.21	3.91
1925	4.20	5.44	3.78	3.72
1926	4.70	4.31	3.66	3.85
1927	4.20	4.60	3.17	3.97
1928	4.40	4.13	3.21	3.67
1929	4.70	4.82	4.08	3.97
1930	4.00	3.53	2.88	3.32
1931	3.00	2.82	2.55	2.64
1932	3.20	2.48	1.97	2.23
1933	3.60	2.64	2.31	2.37
1934	3.60	3.05	2.69	3.47
1935	3.60	2.92	2.51	2.93
1936	3.60	2.92	2.66	2.75
1937	3.80	3.07	2.96	3.02
1938*	3.42	2.77	2.30	2.55

* Preliminary estimates.

Source of data: Compiled by the Giannini Foundation of Agricultural Economics, University of California. Pineapple prices are based upon weekly price quotations reported in the California Fruit News. Data on other canned fruits are weighted average prices for sales of all grades and all sizes of cans as reported by canners to the Canners League of California and compiled by H. R. Wellman.

COMPARATIVE SUMMARIES

Table 12a

California Chief Canned Fruit Packs, Averages 1909-1938 and Annually 1929-1939

Year	Total	Pears	Apricots	Peaches			Plums	Cherries	Grapes	Figs
				Total	Clings	Frees				
	Thousands of equivalent cases of 24 No. 2½ cans*									
Averages:										
1909-1913	4,375	670	916	2,366	1,519	847	133	240	50	--†
1914-1918	7,073	859	1,588	4,146	2,931	1,215	146	253	81	--
1919-1923	11,592	1,187	2,495	7,180	5,711	1,469	172	474	84	--
1924-1928	16,193	1,929	2,448	11,150	10,480	670	152	271	109	134
1929-1933	14,202	1,809	2,441	9,312	9,181	131	114	306	65	157
1934-1938	16,325	1,918‡	2,987	10,719ξ	10,199ξ	520	109	206	108	278
Annual:										
1929	14,985	2,021	4,023	8,100	7,724	376	116	382	128	215
1930	17,979	1,871	1,954	13,294	13,174	120	183	369	80	228
1931	12,618	1,809	2,006	8,421	8,349	72	91	200	17	74
1932	10,089	1,418	1,805	6,438	6,414	24	69	184	33	142
1933	15,338	1,928	2,416	10,309	10,244	65	110	393	58	124
1934	13,651	2,663	1,774	8,598	8,258	340	109	160	131	216
1935	16,336	1,387‡	3,164	11,216	10,850	366	124	133	101	211
1936	16,716	2,415‡	2,899	10,711ξ	10,236ξ	475	77	201	103	310
1937	21,240	1,499‡	5,553	13,248ξ	12,205ξ	1,043	180	240	114	406
1938	13,680	1,626‡	1,547	9,822ξ	9,446ξ	376	56	294	89	246
1939	17,042	1,347‡	3,338	11,462ξ	10,579ξ	883	85	469	121	220

* Equivalent cases of 24 No. 2½ cans except cherry, peach, pear, and plum data 1909-1918 are actual cases.

† Dashes indicate data not available.

‡ Includes Northwest stock packed in California in cases as follows: 1935, 233,332; 1936, 160,343; 1937, 104,119; 1938, 48,152; and 1939, 77,458.

ξ Excludes pickled Clingstone peaches in cases as follows: 1936, 115,619; 1937, 111,280; 1938, 24,944; and 1939, 195,681.

Source of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, based on mimeographed releases of the Canners League of California, the California Crop Report, 1927, page 36, and the United States Census of Manufactures.

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Table 13

United States Per-Capita Consumption of Fruits for All Uses,* Averages 1924-1938

Kind of fruit	Quantity *			Per cent of total			Per cent increase or decrease 1934-38 production of	
	1924-1928	1929-1933	1934-1938	1924-1928	1929-1933	1934-1938	1924-1928	1929-1933
	Pounds, fresh equivalent			Per cent			Per cent	
Total	198.8	184.7	205.7	100.0	100.0	100.0	+ 3	+11
Deciduous-tree	98.2	88.4	89.2	49.4	47.8	43.4	- 9	+ 1
Grapes	33.8	26.5	28.5	17.0	14.4	13.8	-16	+ 8
Citrus	34.9	40.5	56.7	17.6	21.9	27.6	+62	+40
Others	31.9	29.3	31.3	16.0	15.9	15.2	- 2	+ 7
Deciduous-tree, total	98.2	88.4	89.2	49.4	47.8	43.4	- 9	+ 1
Apples	59.5	52.3	49.8	29.9	28.3	24.2	-16	- 5
Peaches	20.4	17.2	18.3	10.3	9.3	8.9	-10	+ 6
Pears	7.4	7.1	8.5	3.7	3.8	4.1	+15	+20
Prunes	4.3	4.4	5.3	2.2	2.4	2.6	+23	+20
Apricots	1.8	2.5	2.1	0.9	1.4	1.0	+17	-16
Plums	1.7	1.9	2.0	0.9	1.0	1.0	+18	+ 5
Cherries	1.6	2.0	2.0	0.8	1.1	1.0	+25	0
Figs	1.5	1.0	1.2	0.7	0.5	0.6	-20	+20
Grapes, total	33.8	26.5	28.5	17.0	14.4	13.8	-16	+ 8
Citrus, total	34.9	40.5	56.7	17.6	21.9	27.6	+62	+40
Oranges	23.2	27.2	35.5	11.7	14.7	17.3	+53	+31
Grapefruit	7.1	8.9	16.0	3.6	4.8	7.8	+125	+80
Lemons	4.6	4.4	5.2	2.3	2.4	2.5	+13	+18
Others, total	31.9	29.3	31.3	16.0	15.9	15.2	- 2	+ 7
Dates	1.8	1.6	1.9	0.9	0.9	0.9	+ 6	+19
Cranberries	0.5	0.5	0.4	0.2	0.3	0.2	-20	-20
Strawberries	3.4	3.2	3.0	1.7	1.7	1.4	-12	- 6
Bananas	20.3	18.0	19.5	10.2	9.7	9.5	- 4	+ 8
Pineapple	5.9	6.0	6.5	3.0	3.3	3.2	+10	+ 8

* Approximate quantity of fresh fruit as harvested with no deductions for loss of weight in commercial processing and packing or loss or waste in marketing and in home preparation for consumption.

Source of data:

Compiled by S.W. Shear, Giannini Foundation of Agricultural Economics, University of California, largely upon the basis of official data.

COMPARATIVE SUMMARIES

Table 14

United States Per-Capita Consumption of Dried Fruits and the Total of These Fruits, Averages 1924-1938

Kind of fruit	1924-1928			1929-1933			1934-1938		
	Total, all uses	Dried		Total, all uses	Dried		Total, all uses	Dried	
		Amount	Per cent of total		Amount	Per cent of total		Amount	Per cent of total
	Pounds, fresh equivalent*		Per cent	Pounds, fresh equivalent*		Per cent	Pounds, fresh equivalent*		Per cent
Total†	130.5	23.8	18.2	112.6	20.6	18.3	115.6	21.5	18.6
Deciduous-tree†	94.9	9.9	10.4	84.5	9.5	11.2	85.2	10.4	12.2
Grapes	33.8	12.1	35.8	26.5	9.5	35.8	28.5	9.2	32.3
Dates	1.8	1.8	100.0	1.6	1.6	100.0	1.9	1.9	100.0
Deciduous-tree†	94.9	9.9	10.4	84.5	9.5	11.2	85.2	10.4	12.2
Apples	59.5	1.3	2.2	52.3	1.0	1.9	49.8	1.1	2.2
Peaches	20.4	1.8	8.8	17.2	1.6	9.3	18.3	1.7	9.3
Pears	7.4	0.1	1.4	7.1	0.1	1.4	8.5	0.1	1.2
Prunes	4.3	4.3	100.0	4.4	4.4	100.0	5.3	5.3	100.0
Apricots	1.8	1.0	55.6	2.5	1.5	60.0	2.1	1.2	57.1
Figs‡	1.5	1.4	93.3	1.0	0.9	90.0	1.2	1.0	83.3

* Unprocessed dry weight converted to fresh equivalent by multiplying by the following factors: Apples, 8; peaches, pears, and apricots, 5.5; prunes, 2.5; figs, 3; raisins and dates, 4.

† Includes only fruits listed in this table.

‡ Includes only the reported merchantable tonnage of dried figs.

Source of data:

Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from official data and reliable unofficial trade estimates.

COMPARATIVE SUMMARIES

Table 15

United States Per-Capita Consumption of Chief Canned Fruits* and the Total of These Fruits, Averages 1924-1938

Kind of fruit	1924-1928			1929-1933			1934-1938		
	Total, all uses	Canned		Total, all uses	Canned		Total, all uses	Canned	
		Amount*	Per cent of total		Amount*	Per cent of total		Amount*	Per cent of total
	Pounds, fresh equivalent		Per cent	Pounds, fresh equivalent		Per cent	Pounds, fresh equivalent		Per cent
Total fruits listed	93.9	8.5	9.1	84.0	7.4	8.8	83.9	8.7	10.4
Total 5 fruits	32.9	5.4	16.4	30.7	5.2	16.9	32.9	6.1	118.5
Peaches	20.4	3.4	16.7	17.2	2.8	16.3	18.3	3.1	16.9
Pears	7.4	0.7	9.5	7.1	1.0	14.1	8.5	1.3	15.3
Plums and prunes †	1.7	0.1	5.9	1.9	0.2	10.5	2.0	0.4	20.0
Apricots	1.8	0.6	33.3	2.5	0.6	24.0	2.1	0.7	33.3
Cherries	1.6	0.6	37.5	2.0	0.6	30.0	2.0	0.6	30.0
Figs	1.5	0.1	6.7	1.0	0.1	10.0	1.2	0.1	8.3
Apples and sauce	59.5	3.0	5.0	52.3	2.1	4.0	49.8	2.5	5.0

* Approximate quantity of fresh fruit used in canning including loss in weight from peeling, coring, and pitting.

† Includes only canned fresh prunes.

Source of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from official data and reliable trade estimates.

Table 16. United States Dried Fruit Production, Exports, Imports, and Consumption*
Average, Five Years Beginning July 1,† 1934-1938

Kind of fruit	California			United States, continental and non-contiguous territory											
	Production			Production			Consumption *			Domestic exports			Foreign imports		
	Short tons‡	Per cent of total	Per cent of U.S.	Short tons‡	Per cent of total	Per capita, pounds	Short tons‡	Per cent of total	Per capita, pounds	Short tons‡	Per cent of total	Per cent of U.S. production	Short tons‡	Per cent of total	Per cent of consumption
Total	521,509	100.0	93.7	556,627	100.0	8.64	370,454	100.0	5.75	201,966	100.0	36.3	32,819	100.0	8.9
Raisins and dried grapes	220,740	42.3	100.0	220,740	39.7	3.43	144,200	38.9	2.24	65,840	32.6	29.8	356	1.1	0.2
Prunes	212,200	40.7	90.0	235,660	42.3	3.66	125,800	34.0	1.95	94,587	46.8	40.1	--**	--	--
Peaches	23,340	4.5	100.0	23,340	4.2	0.36	20,155	5.4	0.31	3,185	1.6	13.6	--**	--	--
Apples	10,500	2.0	47.7	22,000	4.0	0.34	8,671	2.3	0.13	13,329‡	6.6	60.6	--**	--	--
Apricots	26,140	5.0	100.0	26,140	4.7	0.41	13,741	3.7	0.21	12,399	6.1	47.4	--**	--	--
Figs ¢	19,440	3.7	100.0	19,440	3.5	0.30	22,237	6.0	0.35	--‖	--	--	2,797	8.5	12.5
Pears	5,820	1.1	100.0	5,820	1.0	0.09	2,497	0.7	0.04	3,323	1.7	57.1	--**	--	--
Dates	3,329	0.7	95.5	3,487	0.6	0.05	29,944	8.1	0.47	--‖	--	--	26,457‡	80.6	88.4
Currants	¶	¶	¶	¶	¶	¶	3,209	0.9	0.05	--‖	--	--	3,209	9.8	100.0
Unclassified‖	--	--	--	--	--	--	*	*	*	9,303‡‖	4.6	--	--**	--	--

* Consumption calculated as production minus exports plus imports, except prunes and raisins are U.S. shipments to domestic markets including relief but excluding diversion, plus imports for raisins. U.S. consumption "total" and prunes, peaches, apples, apricots, and pears individually include the small quantities consumed in mixed dried fruit salad or compote and slightly larger amounts exported (see "unclassified") except for prune consumption which excludes prunes exported in salad.

† Years beginning July 1, except raisin, currant, and prune data are for years beginning September 1.

‡ Natural or unprocessed weight basis except apple exports, "unclassified" exports, and date imports.

¢ California production of merchantable figs only; non-merchantable figs averaged 5,980 tons additional.

¶ Production of California currants is included with raisins but probably averaged about 1,000 tons.

‖ "Unclassified" exports consist of 6,869 tons or 74 per cent of dried fruit salad or compote and 2,434 tons of "other" dried fruits not specified separately in customs reports, including figs, dates, nectarines, and cherries.

** Almost no dried fruits other than raisins, currants, figs, and dates are exported.

Source of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, based largely on data from United States and California Crop Reports, reports of the Dried Fruit Association of California, and Monthly Summary of Foreign Commerce of the United States.

[illegible]

COMPARATIVE SUMMARIES

Table 17. United States Dried Fruit Exports by Chief Countries of Destination, Years Beginning July 1,* Average 1909-1913, 1914-1916, 1917, and 1934-1938

Fruit and year	Total exports	To Europe						To Canada
		Europe, total	Except Belgium, Germany	Belgium and Germany †	United Kingdom	France	Nether-lands	
	Short tons							
Total listed:								
1909-1913	79,245	61,580	30,458	31,122	8,442	7,001	9,673	13,329
1914-1916	79,251	52,081	51,953	128	20,556	7,809	2,693	20,038
1917	50,804	11,043	11,043	0	7,250	1,621	0	30,851
1934-1938	187,362	154,890‡	133,482‡	21,408	47,697	32,446	16,010	13,815
Total, except raisins:								
1909-1913	70,243	60,509	29,658	30,851	8,019	6,894	9,603	7,540
1914-1916	53,942	42,118	41,990	128	12,086	7,624	2,677	8,159
1917	23,310	7,397	7,397	0	3,864	1,586	0	11,882
1934-1938	126,377	106,056‡	88,360‡	17,696	22,041	28,712	11,383	10,371
Raisins:								
1909-1913	9,002	1,071	800	271	423	107	70	5,789
1914-1916	25,309	9,963	9,963	0	8,470	185	16	11,879
1917	27,494	3,646	3,646	0	3,386	35	0	18,969
1934-1938	60,985	48,834‡	45,122‡	3,712	25,656	3,734	4,627	3,444
Prunes:								
1909-1913	40,214	33,322	16,109	17,213	4,424	5,113	3,619	5,664
1914-1916	26,758	19,395	19,386	9	6,016	4,975	563	5,382
1917	16,463	4,685	4,685	0	2,414	1,245	0	9,013
1934-1938	96,318	78,896‡	65,964‡	12,932	19,255	20,211	5,828	8,855
Apricots:								
1909-1913	9,719	8,856	5,774	3,082	2,776	1,279	1,102	559
1914-1916	9,591	8,214	8,115	99	2,569	1,706	693	623
1917	2,615	1,355	1,355	0	394	233	0	694
1934-1938	13,305	11,969‡	9,959‡	2,010	1,446	4,976	1,346	683
Peaches:								
1909-1913	2,741	1,304	458	846	226	89	76	1,195
1914-1916	6,065	4,053	4,053	0	2,001	364	210	1,588
1917	2,931	880	880	0	739	29	0	1,748
1934-1938	3,413	2,400	2,159	241	387	1,050	124	787
Apples:								
1909-1913	17,569	17,027	7,317	9,710	593	413	4,806	122
1914-1916	11,528	10,456	10,436	20	1,500	579	1,211	566
1917	1,301	477	477	0	317	79	0	427
1934-1938	13,341	12,791‡	10,278‡	2,513	953	2,475	4,085	46ϕ

* Except peaches, 1934-1938, are for the years beginning August 1.

† Exports to Belgium alone, average 1909-1913 were: total, 3,998 tons; raisins, 18; prunes, 2,503; apricots, 478; peaches, 26; apples, 973; and 1934-1938: total, 9,710; raisins, 2,560; prunes, 5,520; apricots, 1,195; peaches, 56; apples, 379.

‡ Involve estimates for some countries. ϕ Two-year average 1937-38 and 1938-39.

Source of data: Compiled by S. W. Shear, Giannini Foundation, University of California, from official reports of the U. S. Dept. Commerce.

University of California, College of Agriculture
Agricultural Experiment Station, Berkeley, January, 1940

DECIDUOUS FRUIT STATISTICS

APPLES

Table 1

Bearing Acreage, Production, Yield, and Farm Value of California Apples, 1919-1939

Crop year	Bearing acreage	Production		Yield per bearing acre	Estimated farm value of crop	
		Total	Commercial*		Price per bushel	Total value
	1	2	3	4	5	6
	Acres	Thousands of bushels		Bushels	Dollars	Thousands of dollars
1919	46,731	8,200	3,450	175	0.90	7,380
1920	46,931	6,000	3,690	128	1.05	6,300
1921	49,898	7,275	4,250	146	0.90	6,548
1922	51,754	8,200	4,197	158	0.39	3,198
1923	52,857	10,500	6,300	199	0.44	4,620
1924	53,772	8,903	4,470	166	0.60	5,342
1925	55,458	6,016	3,291	108	0.80	4,813
1926	56,343	10,350	6,144	184	0.38	3,933
1927	51,342	7,458	4,656	145	0.80	5,966
1928	49,886	13,100	6,861	263	0.46	6,026
1929	46,748	7,880	4,413	169	1.05	8,274
1930	44,477	11,644	6,522	262	0.39	4,541
1931	43,676	9,112	6,647	209	0.44	4,009
1932	43,008	9,045†	5,017	210	0.25	2,206
1933	41,950‡	9,333	3,829	222	0.40	3,733
1934	41,193‡	6,500	3,453	158	0.45	2,925
1935	43,200‡	9,889	5,162	229	0.35	3,461
1936	37,546‡	8,922	4,887	238	0.41	3,658
1937	38,100‡	10,292†	5,529	270	0.32	3,101
1938	37,680‡	8,200¶	5,019	218 ¶	0.33 ¶	2,665 ¶
1939	36,400‡§	9,000¶	4,354	247 ¶	0.31 ¶	2,697 ¶

* See definition of "commercial" production as given in footnote * on table 2.

† Includes unharvested production of 220,000 bushels in 1932, 600,000 bushels in 1937, 124,000 bushels in 1938, and an unofficial estimate by S. W. Shear of 300,000 bushels in 1939.

‡ The nonbearing acreage is reported as follows: 1936, 2,688 acres; 1937, 2,693 acres; 1938, 2,495 acres; and 1939, about the same as in 1938.

§ Preliminary estimates.

¶ Unofficial estimates by S. W. Shear.

Sources of data:

Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from latest estimates of the California Crop Reporting Service, except as indicated by footnote ¶ for 1938 and 1939 and for col. 4 which is calculated from cols. 1 and 2.

January, 1940

APPLES

Table 2

Production and Utilization of California Apples, 1916-1939

Crop year	Harvested production			Used for drying †	Other than commercial and dried ‡
	Total	Commercial,* consumed fresh	Other uses		
	1	2	3	4	5
	Tons				
1916	166,320	84,528	81,792	33,750	48,042
1917	163,296	84,528	78,768	63,750	15,018
1918	157,440	81,144	76,296	47,250	29,046
1919	196,800	82,800	114,000	93,750	20,250
1920	144,000	88,560	55,440	41,250	14,190
1921	174,600	102,000	72,600	52,500	20,100
1922	196,800	100,728	96,072	78,750	17,322
1923	252,000	151,200	100,800	71,250	29,550
1924	213,672	107,280	106,392	75,000	31,392
1925	144,384	78,984	65,400	43,500	21,900
1926	248,400	147,456	100,944	78,750	22,194
1927	178,992	111,744	67,248	47,250	19,998
1928	314,400	164,664	149,736	122,250	27,486
1929	189,120	105,912	83,208	67,500	15,708
1930	279,456	156,528	122,928	80,250	42,678
1931	218,688	111,528	107,160	79,500	27,660
1932	211,800 ◊	120,408	91,392	73,500	17,892
1933	223,992	91,896	132,096	99,750	32,346
1934	156,000	82,872	73,128	66,000	7,128
1935	237,336	123,888	113,448	93,750	19,698
1936	214,128	117,288	96,840	87,750	9,090
1937	232,608 ◊	132,696	99,912	90,000	9,912
1938 ¶	193,824 ◊ ¶	120,456	73,368 ¶	56,250 ¶	17,118 ¶
1939 ¶	208,800 ¶	104,496	104,304 ¶	90,000 ¶	14,304 ¶

* Commercial includes only apples sold for consumption as fresh fruit and excludes apples dried, canned, or otherwise commercially processed, and consumed on farms where grown.

† Converted from dry tons to fresh equivalent by multiplying by $7\frac{1}{2}$.

‡ Mostly used for cider, vinegar, and other by-products or wasted.

◊ Excludes unharvested production of 5,280 tons in 1932, 14,400 tons in 1937, 2,976 tons in 1938, and an unofficial estimate by S. W. Shear of 7,200 tons in 1939.

¶ Estimates for 1938 and 1939 are all preliminary unofficial estimates of S. W. Shear except commercial production.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Cols. 1 and 2: Official estimates of the United States and California Crop Reporting Service. Converted to tons from bushels at 48 pounds per bushel.

Col. 3: Col. 1 minus col. 2.

Col. 4: 1916-1922 are trade estimates from California Fruit News. 1923-1938 based on packers' receipts as reported to Dried Fruit Association of California. Converted at drying ratio of $7\frac{1}{2}$ to 1.

Col. 5: Col. 3 minus col. 4.

APPLES

Table 3

Sonoma-Napa Gravenstein Apple Production, Utilization, and Growers' Price of Fresh Shipments, 1923-1939

Crop year	Total	Used for drying	Fresh shipments			Price to growers per box *
			Total	Exported	Domestic	
	1	2	3	4	5	6
	Thousands of boxes (fresh weight)					Dollars
Averages:						
1923-1927	1,281	494	787	179	608	1.16
1928-1932	2,103	798	1,305	608	697	0.65
1933-1937	2,268	1,280	988	324	664	0.47
Annual:						
1923	1,556	445	1,111	220	891	0.73
1924	1,275	533	742	200	542	1.15
1925	639	355	284	37	247	1.96
1926	1,801	711	1,090	130	960	0.39
1927	1,134	427	707	310	397	1.56
1928	2,478	1,031	1,447	500	947	0.48
1929	1,421	471	950	400	550	1.42
1930	2,093	711	1,382	660	722	0.61
1931	2,198	995	1,203	750	453	0.58
1932	2,323	782	1,541	730	811	0.17
1933	2,417	1,245	1,172	570	602	0.28
1934	1,465	889	576	169	407	0.65
1935	2,745	1,600	1,145	408	737	0.47
1936	1,926	1,067	859	260	599	0.60
1937	2,786	1,600	1,186	212	974	0.34
1938	1,113	630	483	114	369	0.46
1939†	2,603‡	1,745	858	190	668	0.32

* Return to growers per packed box of fancy grade excluding cost of package and packing.

† Preliminary estimates.

‡ Excludes 3,000 tons not harvested.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Col. 1: Col. 3 plus col. 2; excludes quantity used for cider and vinegar.

Col. 2: Based on dried tonnage estimates by F. D. Morrill, California Dried Fruit Laboratories converted to fresh weight by multiplying by 8 and to boxes at 45 pounds per box.

Col. 3: Data for 1923-1933 largely from compilations by the Division of Shipping Point Inspection of California State Department of Agriculture. Recent years from reports of managers of special marketing programs.

Col. 4: Data 1923-1926 are rough estimates by S. W. Shear; for 1927-1939 fairly reliable data compiled by best informed factors in the industry.

Col. 5: Col. 3 minus col. 4.

Col. 6: Based upon data from cooperative and private shippers.

APPLES

Table 4

United States Production and Exports of Dried Apples and California Packers' Price, 1919-1939

Year	Production			United States exports July 1 year	Packers' f.o.b. California price per pound
	United States	California	Northwest		
	1	2	3	4	5
	Short tons, dry weight				Cents
1919	29,500	12,500	3,000	5,909	19.5
1920	20,500	5,500	2,500	9,027	9.5
1921	13,800	7,000	2,000	6,216	13.0
1922	25,000	10,500	2,500	6,409	9.8
1923	19,600	9,500	2,200	15,205	8.0
1924	24,000	10,000	3,200	9,612	12.0
1925	21,000	5,800	3,000	12,417	11.0
1926	24,900	10,500	5,000	16,335	8.5
1927	17,600	6,300	4,500	10,852	12.5
1928	34,100	16,300	6,000	25,012	11.5
1929	25,300	9,000	6,000	11,890	12.5
1930	26,300	10,700	6,000	19,060	8.5
1931	22,500	10,600	6,000	15,779	7.5
1932	23,550	9,800	8,000	18,301	5.3
1933	25,800	13,300	8,500	18,669	8.3
1934	19,500	8,800	8,500	11,727	9.0
1935	25,800	12,500	10,000	16,247	7.5
1936	20,700	11,700*	5,000*	10,639	9.5
1937	24,800	12,000*	9,000*	12,218	6.5
1938	22,000*	7,500*	10,000*	15,815	7.0
1939	†	12,000*	10,000*		6.8

* Preliminary estimates.

† Dried apple production in states other than California and the Northwest in 1939 was probably larger than in 1938.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Cols. 1-3: Data largely trade estimates except California data based on packer receipts as reported by the Dried Fruit Association of California.

Col. 4: Based on data from U. S. Dept. Com. Bur. For. and Dom. Com. Monthly Summary of Foreign Commerce.

Col. 5: Approximate f.o.b. packers' selling prices for choice dried apples as reported in the California Fruit News, August to December, inclusive.

January, 1940

APPLES

Table 5

Total and Commercial Apple Production of United States
Western States,* and California, 1916-1939

Crop year	Total production			Commercial production †		
	United States	Western states*	California	United States	Western states*	California
	1	2	3	4	5	6
	Thousands of bushels					
1916	193,905	33,186	6,930	80,241	23,799	3,522
1917	166,749	39,960	6,804	67,023	25,590	3,522
1918	169,625	32,330	6,560	74,229	21,309	3,381
1919	140,632	50,060	8,200	81,047	36,091	3,450
1920	206,688	36,431	6,000	103,102	28,950	3,690
1921	95,638	54,872	7,275	66,100	42,337	4,250
1922	189,425	52,327	8,200	100,642	37,385	4,197
1923	180,915	62,022	10,500	109,922	49,345	6,300
1924	160,457‡	43,490‡	8,903	88,776	33,523	4,470
1925	152,424	51,191	6,016	101,080	42,574	3,291
1926	229,656‡	63,060‡	10,350	123,550	44,277	6,144
1927	115,708	47,153	7,458	79,254	38,323	4,656
1928	177,813	68,295	13,100	109,938	51,322	6,861
1929	135,092	51,764	7,880	89,270	40,054	4,413
1930	156,617	64,186	11,644	105,432	52,073	6,522
1931	205,403‡	53,364‡	9,112	113,207	39,408	4,647
1932	146,849‡	54,813‡	9,045‡	90,023	38,029	5,017
1933	148,657‡	50,171‡	9,333	81,925	30,897	3,829
1934	125,719‡	50,097‡	6,500	79,870	36,386	3,453
1935	177,916‡	53,601‡	9,889	103,749	35,059	5,162
1936	117,506	47,753	8,922	75,539	34,419	4,887
1937	210,783‡	53,432‡	10,292‡	115,733	35,835	5,529
1938	132,354‡	50,803‡	8,200‡¶	82,395	35,320	5,019
1939§	190,000‡¶	--	9,000‡¶	100,284§	30,339§	4,354§

* Western states include Washington, Oregon, California, Idaho, Colorado, Montana, Wyoming, New Mexico, Arizona, Utah, and Nevada.

† Commercial includes only apples sold for consumption as fresh fruit and excludes apples dried, canned, or otherwise commercially processed and consumed on farms where grown.

‡ Includes unharvested production.

§ Preliminary official estimates.

¶ Rough unofficial estimates by S. W. Shear.

Source of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from United States and California Crop Reports except as indicated for total production by footnote § for 1938 and 1939.

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University of California, College of Agriculture
Agricultural Experiment Station, Berkeley, January, 1940

DECIDUOUS FRUIT STATISTICS

APRICOTS

Table 1

Estimated Bearing Acreage, Production, Yield,
and Farm Price of California Apricots
1919-1939

Crop year	Bearing acreage	Production		Yield per bearing acre	Farm value of crop	
		Total harvested and unharvested	Harvested		Price to growers per ton	Total returns to growers
	1	2	3	4	5	6
	Acres	Tons	Tons	Tons	Dollars	Dollars
1919	46,100	172,000	172,000	3.7	80	13,760,000
1920	47,907	108,000	108,000	2.3	85	9,180,000
1921	56,407	100,000	100,000	1.8	50	5,000,000
1922	60,754	163,000	163,000	2.7	70	11,410,000
1923	62,287	210,000	210,000	3.4	25	5,250,000
1924	64,189	142,000	142,000	2.2	46	6,532,000
1925	66,855	150,000	150,000	2.2	54	8,100,000
1926	72,107	176,000	176,000	2.4	63	11,088,000
1927	79,260	208,000	208,000	2.6	57	11,856,000
1928	82,703	175,000	175,000	2.1	50	8,750,000
1929	82,136	215,000	215,000	2.6	63	13,545,000
1930	81,448	200,000*	191,700	2.5	39	7,476,000
1931	80,543	277,000*	273,000	3.4	29	7,917,000
1932	81,534	270,000*	257,000	3.3	18	4,626,000
1933	79,596	268,000	268,000	3.4	30	8,040,000
1934	78,795	139,000	139,000	1.8	53	7,367,000
1935	80,000†	216,000	216,000	2.7	46	9,936,000
1936	73,773†	248,000	248,000	3.4	38	9,424,000
1937	74,756†	311,000	311,000	4.2	37	11,507,000
1938	73,571†	166,000	166,000	2.3	35	5,810,000
1939‡	73,600†	317,000	308,000	4.3	33	10,164,000

* Includes quantities estimated by the Crop Reporting Service as unharvested: 1930, 8,300 tons; 1931, 4,000 tons; 1932, 13,000 tons; and 1939, 9,000 tons.

† About 4,570 acres were not yet in bearing in 1935; 4,836 in 1936; 5,044 in 1937; 5,388 acres in 1938, and 5,700 acres in 1939.

‡ Preliminary estimates.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Cols. 1, 2, 3, 5, and 6: California Crop Reports.

Col. 4: Computed from cols. 1 and 2.

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

January, 1940

APRICOTS

Table 2

Harvested Production, Utilization, and Prices of California Apricots, 1921-1939

Crop year	Dried	Canned	Consumed fresh	Dried f.o.b. price, choice per pound	Canning price to growers, per ton	Fresh f.o.b. price Royal, per crate
	1	2	3	4	5	6
	fresh tons			cents	dollars	dollars
1921	66,000	20,100	13,900	20.4	57	1.28
1922	85,000	62,000	16,000	23.6	85	1.44
1923	165,000	27,000	18,000	9.7	27	1.05
1924	88,000	35,000	19,000	16.3	59	1.12
1925	99,000	37,600	13,400	19.6	59	1.19
1926	103,400	58,800	13,800	22.1	70	1.45
1927	137,500	54,000	16,500	16.2	70	1.23
1928	121,700	36,300	17,000	16.4	50	1.55
1929	121,500	73,100	20,400	16.9	75	1.30
1930	131,000	35,500	25,200	11.4	40	1.22
1931	207,000	36,500	29,500	8.4	25	0.56
1932	194,000	32,800	30,200	7.3	20	0.63
1933	206,000	43,900	18,100	10.4	30	0.96
1934	92,400	32,900	13,700	17.9	61	1.08
1935	142,000	57,500	16,500	14.6	50	0.82
1936	177,200	52,700	18,100	13.0	30	1.10
1937	189,000	101,000	21,000	10.6	43	1.09
1938	117,600	28,100	20,300	13.9	23	0.76
1939	220,000*	61,000	27,000*	11.0	27*	1.08

* Preliminary trade estimates subject to considerable revision.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Cols. 1, 2, and 3: From the California Crop Reports, except 1922 and 1939. Dried converted to fresh at ratio of 5.5. to 1. Cases of 24 No. 2½ cans converted at 55 cases per ton.

Col. 4: Simple average of packer's f.o.b. California quotations on choice Blenheims in 25-pound boxes for six months July 1-Dec. 31, compiled from California Fruit News (middle of range).

Col. 5: Approximate prices largely obtained informally from larger canners.

Col. 6: Season's weighted average delivered-auction price in New York City and Chicago minus freight, refrigeration, and 7 per cent commission.

January, 1940

APRICOTS

Table 3

California Apricots: Dried Production and Exports to Foreign Countries and Quantity Consumed Fresh, 1921-1939

Crop year	Dried			Consumed fresh				
	Production, dry weight	Exports		Total, fresh tons	Outside of California		Within California	
		Dry weight	Per cent of production		Quantity	Per cent of total	Quantity	Per cent of total
	1	2	3	4	5	6	7	8
	Tons	Tons	Per cent	Tons	Tons	Per cent	Tons	Per cent
1921	12,000	8,368	69.7	13,900	3,600	25.9	10,300	74.1
1922	15,500	5,597	36.1	16,000	2,400	15.0	13,600	85.0
1923	30,000	19,388	64.6	18,000	8,400	46.7	9,600	53.3
1924	16,000	6,646	41.5	19,000	6,000	31.6	13,000	68.4
1925	18,000	9,066	50.4	13,400	4,800	35.8	8,600	64.2
1926	18,800	8,950	47.6	13,800	3,100	22.5	10,700	77.5
1927	25,000	11,876	47.5	16,500	5,600	33.9	10,900	66.1
1928	22,120	12,326	55.7	17,000	4,800	28.2	12,200	71.8
1929	22,104	9,550	43.2	20,400	5,400	26.5	15,000	73.5
1930	23,809	11,823	49.7	25,200	7,400	29.4	17,800	70.6
1931	37,359	18,811	50.4	29,500	12,400	42.0	17,100	58.0
1932	35,273	17,135	48.6	30,200	11,800	39.1	18,400	60.9
1933	37,455	18,308	48.9	18,100	7,000	38.7	11,100	61.3
1934	16,800	7,598	45.2	13,700	4,300	31.4	9,400	68.6
1935	25,818	13,294	51.5	16,500	5,000	30.3	11,500	69.7
1936	32,228	14,682	45.6	18,100	6,700	37.0	11,400	63.0
1937	34,364	16,339	47.5	21,000	7,300	34.8	13,700	65.2
1938	21,500	14,420	67.1	20,300	5,600	27.6	14,700	72.4
1939*	40,000*			27,000*	7,400	27.4	19,600*	72.6

* Rough trade estimates subject to considerable revision.

Sources of data:

Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Col. 1: Based upon reports of the Dried Fruit Association of California and of the California Crop Reporting Service.

Col. 2: From Monthly Summary of Foreign Commerce for years beginning July 1, net processed weight.

Col. 4: Computed by subtracting fresh equivalent of tonnage canned and dried from harvested production in table 1.

Col. 5: Based on interstate rail shipments compiled since 1926 by the Federal-State Market News Service.

Cols. 6, 7, and 8: Computed from other data given in this table.

Table 4

Pack, Carryover, Shipments, Exports, and Price of California Canned Apricots, 1921-1939

Year beginning June 1	Pack	Carryover from previous year	Available for shipment	Carryover into following year	Shipments	Exports		Price received by canners per case
						Quantity	Per cent of shipments	
	1	2	3	4	5	6	7	8
	1,000 cases*						Per cent	Dollars
1921	1,099	524	1,623	24	1,599	--	--	3.72
1922	3,427	24	3,451	727	2,724	--	--	4.41
1923	1,510	727	2,237	298	1,939	621	32.0	3.37
1924	1,968	298	2,266	315	1,951	716	36.7	3.91
1925	2,094	315	2,409	21	2,388	633	26.5	3.72
1926	3,227	21	3,248	401	2,847	809	28.4	3.85
1927	2,960	401	3,361	952	2,409	630	26.2	3.97
1928	1,991	952	2,943	154	2,789	594	21.3	3.67
1929	4,023	154	4,177	1,189	2,988	729	24.4	3.97
1930	1,954	1,189	3,143	546	2,597	414	15.9	3.32
1931	2,006	546	2,552	515	2,037	496	24.4	2.64
1932	1,805	515	2,320	323	1,997	476	23.8	2.23
1933	2,416	323	2,739	167	2,572	538	20.9	2.37
1934	1,774	167	1,941	227	1,714	237	13.8	3.47
1935	3,164	227	3,391	844	2,547	596	23.4	2.93
1936	2,899	844	3,743	228	3,515	523	14.9	2.75
1937	5,553	228	5,781	2,305	3,476	575	16.5	3.02
1938	1,547	2,305	3,852	528	3,324	762	22.9	2.55 †
1939	3,338	528	3,866					

* Equivalent cases of 24 No. 2½ cans. † Preliminary estimate.

Sources of data: Compiled by Giannini Foundation of Agricultural Economics, University of California.

Cols. 1, 2, and 4: Based upon mimeographed releases of the Canners League of California.

Cols. 3, 5, and 7: Calculated.

Col. 6: U.S. Monthly Summary of Foreign Commerce, converted at 45 pounds per case of 24 No. 2½ cans.

Col. 8: Weighted average prices for sales of all grades and of all sizes of cans as reported by canners to the Canners League of California and compiled by the College of Agriculture. Regular brokerage, cash discount, swell, and label allowance are included. Special or other trade discounts and prepaid items, such as freight, are not included. A deduction of 20 cents a case was made from prices reported by canners packing nationally advertised brands, to place all prices on an approximate unadvertised basis.

January, 1940

APRICOTS

Table 5

Pack, Carryover, and Movement of California Canned Apricots, 1931-1939

Years beginning June 1	Supply June 1	Pack	Carryover, unshipped (i.e. sold and unsold)			Movement			
						June-December			
			June 1 of year indicated	December 31	June 1 of following year	Per cent of season's total	Quantity	January-May	Season's total June-May
	1	2	3	4	5	6	7	8	9
	Thousands of cases*					Per cent	Thousands of cases*		
1931	2,552	2,006	546	1,071	515	73	1,481	556	2,037
1932	2,320	1,805	515	910	323	71	1,410	587	1,997
1933	2,739	2,416	323	733	167	78	2,006	566	2,572
1934	1,941	1,774	167	592	227	79	1,349	365	1,714
1935	3,391	3,164	227	1,581	844	71	1,810	737	2,547
1936	3,743	2,899	844	1,080	228	76	2,663	852	3,515
1937	5,781	5,553	228	3,202	2,305	74	2,579	897	3,476
1938	3,852	1,547	2,305	1,509	528	70	2,343	981	3,324
1939	3,866	3,338	528	1,266			2,600		

* Equivalent cases of 24 No. $2\frac{1}{2}$ cans.

Source of data:

Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, largely on the basis of data from mimeographed releases of the Canners League of California.

University of California, College of Agriculture
Agricultural Experiment Station, Berkeley, January, 1940

DECIDUOUS FRUIT STATISTICS

CHERRIES

Table 1

California Cherries: Bearing Acreage, Production, Condition, Yield per Bearing Acre, and Farm Price, 1919-1939

Year harvested	Bearing acreage	Total production, harvested and unharvested	July 1 condition of crop	Yield per bearing acre	Farm price, per ton
	1	2	3	4	5
	Acres	Tons	Per cent	Tons	Dollars
1919	8,750	12,400	82	1.4	150
1920	8,884	17,500	87	2.0	200
1921	8,758	13,000	75	1.5	125
1922	9,317	17,000	70	1.8	180
1923	9,646	19,000	81	2.0	160
1924	9,981	13,500	65	1.4	140
1925	10,433	12,000	50	1.2	160
1926	10,828	20,000	72	1.8	180
1927	10,554	12,000	45	1.1	180
1928	11,606	16,600	63	1.4	150
1929	11,984	16,300	53	1.4	190
1930	12,555	17,500	61	1.4	148
1931	13,147	23,000*	77	1.7	93
1932	13,621	18,500*	54	1.4	60
1933	14,004 †	25,300*	73	1.8	66
1934	14,551 †	17,000	49	1.2	90
1935	14,200 †	15,000	49	1.1	125
1936	14,532 †	23,000	63	1.6	102
1937	15,228 †	21,600	54	1.4	170
1938	15,211 †	30,000*	72	2.0	84
1939 ‡	15,500 †	33,600*	82	2.2	79

* Includes 3,000 tons unharvested cherries for 1931; 2,500 tons for 1932; 400 tons for 1933; 4,800 tons for 1938; and 3,000 tons for 1939.

† Non-bearing acreage as reported in 1933, 4,475 acres; 1934, 3,269 acres; 1935, 2,420 acres; 1936, 2,200 acres; 1937, 2,018 acres; 1938, 1,669 acres; and 1939, 1,400 acres.

‡ Preliminary estimates.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from California Crop Reports, except yields per acre are calculated.

CHERRIES

Table 2

Interstate Shipments and Prices of California Cherries, 1922-1939

Crop year	Interstate shipments		Price per pound	
	In cars	Tons	New York auction	Calculated f.o.b.
	1	2	3	4
	cars	tons	cents	cents
1922	510	4,080	25.5	17.7
1923	600	4,800	26.4	18.6
1924	600	4,800	22.0	14.6
1925	520	4,160	22.4	15.4
1926	750	6,000	24.0	17.0
1927	579	4,600	25.1	18.1
1928	898	7,100	19.3	12.7
1929	604	4,800	28.0	20.7
1930	774	6,200	23.4	16.6
1931	1,034	8,300	15.8	8.9
1932	728	5,800	15.6	8.8
1933	842	6,750	12.8	6.8
1934	787	6,300	11.0	5.2
1935	502	4,500	15.4	9.3
1936	790	7,100	13.0	7.0
1937	645*	5,800	16.6	10.4
1938	775*	7,000	11.4	5.6
1939	792*	7,100	11.9	6.0

* Includes mixed cars, mostly cherries of 17 cars in 1937, 37 cars in 1938, and 62 cars in 1939.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Col. 1: 1921-1926, interstate shipments based upon compilation of Pacific Fruit Express, mimeographed form 878. 1927-1939, Federal-State Market News Service, mimeographed reports on interstate shipments of California deciduous-tree fruits.

Col. 2: Col. 1 converted at 8 tons per car, except 1935, 1936, 1937, 1938, and 1939 at 9 tons per car.

Col. 3: Prices are season's weighted averages of Tartarian, Bing, Royal Anne, Republican, and Chapman.

Col. 4: Calculated by deducting freight, refrigeration, and a 7 per cent sales commission from the auction price in col. 3.

CHERRIES

Table 3

Total Production* of Cherries in Far Western States, 1921-1939

Crop year	States listed, total	Pacific Coast†	California	Pacific Northwest				Utah
				Total	Oregon	Wash-ington	Idaho	
	1	2	3	4	5	6	7	8
	Short tons							
1921	26,580	25,580	13,000	12,580	3,500	7,000	2,080	1,000
1922	38,560	33,560	17,000	16,560	6,000	7,000	3,560	5,000
1923	46,500	41,000	19,000	22,000	9,000	9,500	3,500	5,500
1924	34,200	30,400	13,500	16,900	10,400	4,800	1,700	3.800
1925	35,530	30,030	12,000	18,030	7,200	8,400	2,430	5,500
1926	54,500	49,200	20,000	29,200	15,100	10,500	3,600	5,300
1927	32,500	28,700	12,000	16,700	11,300	4,100	1,300	3,800
1928	45,960	41,360	16,600	24,760	11,500	9,700	3,560	4,600
1929	46,990*	43,790*	16,300	27,490*	9,000	15,500*	2,990	3,200
1930	52,500*	48,800*	17,500	31,300*	12,600*	15,500*	3,200	3,700
1931	47,300*	45,300*	23,000*	22,300*	9,000*	10,500*	2,800	2,000
1932	55,780*	52,280*	18,500*	33,780*	14,000*	16,500*	3,280	3,500
1933	64,940*	62,660*	25,300*	37,360*	16,000*	18,500*	2,860	2,280
1934	53,320*	50,920*	17,000	33,920*	13,000*	18,000*	2,920	2,400
1935	51,950*	49,750*	15,000	34,750*	15,800*	16,000*	2,950	2,200
1936	61,890*	58,490*	23,000	35,490*	15,600*	18,000*	1,890	3,400
1937	52,600	50.500	21,600	28,900	13,800	13,500	1,600	2,100
1938	84,530*	80,090*	30,000*	50,090*	21,200*	26,500*	2,490*	4,440
1939‡	88,430*	86,300*	33,600*	52,700	24,100	26,800	1,800	2,130

* Data include unharvested tonnage for California estimated as: 1931,3,000 tons; 1932, 2,500 tons; 1933, 400 tons; 1938, 4,800 tons; and 1939, 3,000 tons; for Oregon: 1930, 400 tons; 1931, 2,000 tons; 1932, 2,000 tons; 1933, 700 tons; 1934, 1,000 tons; 1935, 800 tons; 1936, 1,000 tons; 1938, 3,600 tons; for Washington: 1929, 2,000 tons; 1930, 1,500 tons; 1931, 2,500 tons; 1932, 4,000 tons; 1933, 2,500 tons; 1934, 2,500 tons; 1935, 1,000 tons; 1936, 3,500 tons; 1938, 5,300 tons; for Idaho: 1938, 550 tons. An average of approximately 85 per cent of the cherries produced in the Far Western States have been sweet cherries in recent years while only about 10 per cent of production in the rest of the United States has been sweet cherries. The percentage of the crop consisting of sweet cherries in the Far West is now about 100 per cent in California, 90 per cent in Oregon and Idaho, 65 per cent in Washington, and 60 per cent in Utah.

† Pacific Coast includes California, Oregon, Washington, and Idaho.

‡ Preliminary estimates.

Sources of data:

Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California. 1921-1935: From U. S. Dept. Agr. Bur. Agr. Econ., Revised Production of Apples, Peaches, Pears, Grapes, and Cherries, 1919-1935. (Mimeo.) June 28, 1937, except 1921-1923: California, Oregon, Washington, and Utah are estimates by S. W. Shear. 1936-1939: United States and California Crop Reports.

CHERRIES

Table 4

Tonnage of Royal Anns Canned and Barrelled in Brine on the Pacific Coast and California Farm Price, 1922-1939

Year	California farm price per pound	Pacific Coast			California			Pacific Northwest		
		Total	Canned	Barrelled	Total	Canned	Barrelled	Total	Canned	Barrelled*
	1	2	3	4	5	6	7	8	9	10
	Cents	Tons, fresh weight								
1922	10.4	+	12,233	+	+	8,000	+	+	4,233	+
1923	9.8		14,539			9,300			5,239	
1924	5.9		8,425			3,300			5,125	
1925	8.8	9,883	7,958	1,925≠	4,500	3,500	1,000≠	5,383	4,458	925
1926	9.5	20,083	17,932	2,151≠	9,492	8,492	1,000≠	10,591	9,440	1,151
1927	8.3	9,490	7,170	2,320≠	3,754	2,754	1,000≠	5,736	4,416	1,320
1928	7.9	14,437	12,182	2,255	5,635	4,465	1,170	8,802	7,717	1,085
1929	9.8	15,602	13,120	2,482	7,690	6,368	1,322	7,912	6,752	1,160
1930	7.4	18,370	14,750	3,620	8,326	6,156	2,170	10,044	8,594	1,450
1931	4.0	10,763	4,996ø	5,767	6,825	3,330	3,495	3,938	1,666ø	2,272
1932	3.0	13,997	6,533ø	7,464	6,258	3,067	3,191	7,739	3,466ø	4,273
1933	4.0	24,697	12,711ø	11,986	11,542	6,542	5,000	13,155	6,169ø	6,986
1934	5.0	14,906	6,906ø	8,000	6,663	2,663	4,000	8,243	4,243ø	4,000
1935	6.6	18,261	7,361ø	10,900	7,222	2,222	5,000¶	11,039	5,139ø	5,900
1936	5.0	21,710	7,095ø	14,615	10,217	3.342	6,875	11,493	3,753ø	7,740
1937	8.3	21,081	6,331ø	14,750	9,765	3,998	5,767	11,316	2,333ø	8,983
1938	3.3	24,600	9,565ø	15,035	10,158	4,899	5,259	14,442	4,666ø	9,776
1939//	4.0	29,860	15,813ø	14,047	16,360	7,813	8,547	13,500	8,000ø	5,500

* Includes some brined black cherries in recent years.

\+ No data on the barrelled brine pack are available before 1925 but it is known to have been very small.

≠ Rough trade estimates as no reliable statistics are available. ø No data given for Idaho 1931-1939.

¶ Includes some brined black cherries also. // Available data for 1939 are mostly trade estimates subject to considerable revision.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California. Data on the canned pack based on reports of the Canners League of California and of the Northwest Canners Assn. for the Pacific Northwest. Cases converted to tons by dividing cases on a No. 2½ can basis by 60. Data on the barrelled pack of California from Western Canner and Packer, Statistical Yearbook, April 1939, p. 236, and for the Northwest from the Northwest Barrellers Assn. Approximately 250 pounds of fresh fruit are used per barrel.

January, 1940

CHERRIES

Table 5

Production and Utilization of All Varieties of California Cherries, 1928-1939

Crop year	Total harvested	Processed			Consumed fresh		
		Canned	Otherwise processed*	Total	Total	Shipped fresh out of state	Used fresh within state
	1	2	3	4	5	6	7
	Tons						
1928	16,600	4,700	1,200	5,900	10,700	7,100	3,600
1929	16,300	6,600	1,300	7,900	8,400	4,800	3,600
1930	17,500	6,200	1,500 †	7,700	9,800	6,200	3,600
1931	20,000 ‡	3,330	3,350 †	6,680	13,320	8,300	5,020
1932	16,000 ‡	3,100	3,500 †	6,600	9,400	5,800	3,600
1933	24,900 ‡	6,550	5,400 †	11,950	12,950	6,750	6,200
1934	17,000	2,700	4,325 †	7,025	9,975	6,300	3,675
1935	15,000	2,200	5,000	7,200	7,800	4,500	3,300
1936	23,000	3,300	7,750 †	11,050	11,950	7,100	4,850
1937	21,600	4,000	6,600 †	10,600	11,000	5,800	5,200
1938	25,200 ‡	4,900	5,900 †	10,800	14,400	6,900	7,500
1939 §	30,600 ‡	7,800	9,300 †	17,100	13,500	7,100	6,400
	Per cent of harvested production						
1928	100.0	28.3	7.2	35.5	64.5	42.8	21.7
1929	100.0	40.5	8.0	48.5	51.5	29.4	22.1
1930	100.0	35.4	8.6	44.0	56.0	35.4	20.6
1931	100.0	16.6	16.8	33.4	66.6	41.5	25.1
1932	100.0	19.4	21.9	41.3	58.7	36.2	22.5
1933	100.0	26.3	21.7	48.0	52.0	27.1	24.9
1934	100.0	15.9	25.4	41.3	58.7	37.1	21.6
1935	100.0	14.7	33.3	48.0	52.0	30.0	22.0
1936	100.0	14.3	33.7	48.0	52.0	30.9	21.1
1937	100.0	18.5	30.6	49.1	50.9	26.8	24.1
1938	100.0	19.4	23.4	42.8	57.2	27.4	29.8
1939	100.0	25.5	30.4	55.9	44.1	23.2	20.9

* Cherries "otherwise processed" are practically all barrelled in brine.

† Data so marked on the tonnage "otherwise processed" disagree slightly from data on Royal Anns barrelled in brine as shown in table 4, col. 7.

‡ The following additional quantities are estimated as unharvested in 1931, 3,000 tons; in 1932, 2,500 tons; in 1933, 400 tons; in 1938, 4,800 tons; and in 1939, 3,000 tons.

§ Preliminary unofficial estimates except for total harvested.

Source of data:

Compiled by S.W. Shear, Giannini Foundation of Agricultural Economics, University of California, from California Crop Reporting Service, except utilization data for 1939 which are unofficial preliminary estimates subject to revision.

University of California, College of Agriculture
Agricultural Experiment Station, Berkeley, January, 1940

DECIDUOUS FRUIT STATISTICS:

DATES

Table 1

Bearing Acreage, Production, Yield per Bearing Acre, Farm Price, and Farm Value of California Dates, 1924-1939

Crop year	Bearing acreage	Production	Yield per acre	Farm price per ton	Farm value
	1	2	3	4	5
	acres	tons	tons	dollars	dollars
1924		220		360	79,000
1925		320		282	90,000
1926		520		342	178,000
1927	624	710	1.14	302	214,000
1928	708	820	1.16	262	215,000
1929	809	870	1.08	222	193,000
1930	879	1,560	1.77	140	218,000
1931	986	1,215	1.23	60	73,000
1932	1,080	2,160	2.00	40	86,000
1933	1,095	2,450	2.24	70	172,000
1934	1,244	3,160	2.54	80	253,000
1935	1,431	3,250	2.27	80	260,000
1936	1,796*	3,970	2.21	110	437,000
1937	2,202*	3,630	1.65	120	436,000
1938	2,513*	3,510	1.40	126	442,000
1939	2,850*†	2,500 ‡	0.88 †	150 ‡	375,000 ‡

* Nonbearing acreage: 1936, 1,500 acres; 1937, 1,046 acres; 1938, 766 acres; 1939, about 30 per cent less than 1938.

† Preliminary.

‡ 1939 data are preliminary and production is a trade estimate subject to considerable revision.

Sources of data:

Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from data obtained from the California Crop Reporting Service, Jan. 1940. Production as given is the delivered weight at the packing house.

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

DATES

Table 2

United States Production of Dates, 1915-1939

Year beginning July 1	United States*	California†	Arizona
	1	2	3
	Pounds‡		
1915	45,000	25,000	20,000
1916	37,000	31,000	6,000
1917	60,000	40,000	20,000
1918	104,000	74,000	30,000
1919	130,000	104,000	26,000
1920	114,000	114,000	0
1921	116,000	114,000	2,000
1922	207,000	191,000	16,000
1923	373,000	349,000	24,000
1924	466,000	440,000	26,000
1925	669,000	640,000	29,000
1926	1,075,000	1,040,000	35,000
1927	1,459,000	1,420,000	39,000
1928	1,687,000	1,640,000	47,000
1929	1,790,000	1,740,000	50,000
1930	3,170,000	3,120,000	50,000
1931	2,550,000	2,430,000	120,000
1932	4,490,000	4,320,000	170,000
1933	5,100,000	4,900,000	200,000
1934	6,495,000	6,320,000	175,000
1935	6,700,000	6,500,000	200,000
1936	8,190,000ø	7,940,000	250,000ø
1937	7,710,000ø	7,260,000	450,000ø
1938	7,245,000ø	7,020,000	225,000ø¶
1939ø	5,150,000ø	5,000,000ø	150,000ø¶

* U. S. production as given includes latest California revisions which differ slightly from unrevised data in table 3, col. 1.

† Production for Riverside County only 1915-1923 as California total not available.

‡ Delivered weight at packing house to nearest thousand pounds.

ø Preliminary unofficial estimates subject to considerable revision.

¶ Arizona data as given for 1938 and 1939 are harvested production only; total production was about 250,000 pounds in 1938 and about 500,000 pounds in 1939.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Col. 1: Sum of cols. 2 and 3.

Col. 2: 1924-1938 from California Cooperative Crop Reporting Service. 1915-1923 from annual mimeographed crop Reports of the County Agricultural Commissioner, Riverside County, California.

Col. 3: Estimates secured from Department of Horticulture, Arizona Agricultural Experiment Station, by correspondence.

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

DATES

Table 3

United States Production, Net Imports, and Apparent Per Capita Consumption of Dates, Years Beginning July 1, 1915-1938

Year beginning July 1	Production*	Net imports †	Available for consumption	Population, July 1	Apparent per-capita consumption
	1	2	3	4	5
	pounds*	pounds*	pounds*	millions	pounds
Averages:					
1915-1919	75,000	22,733,000	22,808,000	102.2	0.22
1920-1924	253,000	45,472,000	45,725,000	109.9	0.42
1925-1929	1,342,000	50,927,000	52,269,000	118.2	0.44
1930-1934	4,034,000	46,983,000	51,017,000	124.9	0.41
1935-1938	7,520,000	52,696,000	60,216,000	128.8	0.47
Annual:					
1915	45,000	27,617,000	27,662,000	99.3	0.28
1916	37,000	25,080,000	25,117,000	100.8	0.25
1917	60,000	5,400,000	5,460,000	102.2	0.05
1918	104,000	19,958,000	20,062,000	103.6	0.19
1919	130,000	35,610,000	35,740,000	105.0	0.34
1920	114,000	33,824,000	33,938,000	106.5	0.32
1921	116,000	44,512,000	44,628,000	108.2	0.41
1922	207,000	50,078,000	50,285,000	109.9	0.46
1923	373,000	39,069,000	39,442,000	111.5	0.35
1924	454,000	59,877,000	60,331,000	113.2	0.53
1925	709,000	66,192,000	66,901,000	114.9	0.58
1926	1,079,000	45,500,000	46,579,000	116.5	0.40
1927	1,459,000	40,725,000	42,184,000	118.2	0.36
1928	1,681,000	51,451,000	53,132,000	119.9	0.44
1929	1,780,000	50,767,000	52,547,000	121.5	0.43
1930	3,170,000	41,256,000	44,426,000	123.1	0.36
1931	2,520,000	43,452,000	45,972,000	124.1	0.37
1932	4,470,000	46,437,000	50,907,000	125.0	0.41
1933	4,600,000	49,988,000	54,588,000	125.8	0.43
1934	5,409,000	53,781,000	59,190,000	126.6	0.47
1935	6,660,000	54,057,000	60,717,000	127.5	0.48
1936	8,190,000‡	58,137,000	66,327,000	128.4	0.52
1937	7,710,000‡	51,643,000	59,353,000‡	129.3	0.46
1938	7,520,000‡	46,948,000	54,468,000	130.2	0.42

* Presumably dry weight, although the moisture content at which California dates are marketed varies considerably. Data given to nearest thousand pounds only.

† Net imports prior to 1933 are total imports minus re-exports, but data for 1933 and thereafter are imports for consumption only.

‡ Preliminary.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Col. 1: 1915-1923 data are production reported by the Agricultural Commissioner for Riverside County plus Arizona production estimates of the Arizona Agricultural Experiment Station. 1924-1938 data are California production as reported by the California Cooperative Crop Reporting Service plus Arizona production estimates.

Col. 2: From official reports of the U. S. Department of Commerce.

Table 4

United States Imports of Dates by Countries of Origin,
Calendar Years, 1925-1938

Calendar year	Total	Iraq	United Kingdom	Arabia	Belgium	France	Others
	1	2	3	4	5	6	7
	Thousands of pounds*						
Annual:							
1925	78,706	60,866†	13,290	†	--	372	4,178
1926	49,280	42,830†	3,348	†	86	658	2,358
1927	38,408	32,122	3,964	560	24	536	1,202
1928	58,842	50,412	5,454	880	764	580	752
1929	54,134	48,318	2,372	812	1,812	402	418
1930	41,854	35,485	4,723	943	101	314	288
1931	44,039	33,135	9,130	194	192	12	1,376
1932	44,967	31,171	12,913	266	273	31	313
1933	47,493	30,144	14,593	872	1,528	--	356
1934‡	48,835	40,462	3,989	1,815	1,263	--	1,306
1935‡	60,218	47,130	10,275	1,764	598	1	450
1936‡	53,299	44,891	2,955	4,422	205	--	826
1937‡	55,972	51,291	484	2,394	7	1	1,795
1938‡	45,482	43,804	287	700	--	1	690
Averages:							
1925-1929	55,874	46,910	5,686	450	537	510	1,781
1930-1934	45,438	34,079	9,070	818	671	72	728
1935-1938	53,743	46,779	3,500	2,320	203	1	940
	Per cent of total						
Averages:							
1925-1929	100.0	83.9	10.2	0.8	1.0	0.9	3.2
1930-1934	100.0	75.0	20.0	1.8	1.5	0.1	1.6
1935-1938	100.0	87.0	6.5	4.3	0.4	0.0	1.8

* Presumably dry weight.

† Data for 1925 of 60,866,000 pounds listed in original source as imported from Arabia (including Iraq and Mesopotamia) and data for 1926 of 42,830,000 pounds reported as 32,430,000 pounds from Arabia and 10,400,000 pounds from Iraq, but these data all listed in this table as from Iraq, as probably the majority came from there.

‡ Beginning with 1934 includes imports for consumption only.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

1925-1934: from U. S. Dept. Com., Foreign Commerce and Navigation of the United States.

1935-1938: from U. S. Dept. Com. monthly mimeographed statements. Imports of Fruits and Fruit Preparations No. 3052.

University of California, College of Agriculture
Agricultural Experiment Station, Berkeley, January, 1940

DECIDUOUS FRUIT STATISTICS

FIGS

Table 1

Bearing Acreage, Production* and Yield Per Acre of California Figs, 1919-1939

Crop year	Estimated bearing acreage	Production		Apparent yield per bearing acre	
		Total*†	Merchantable*†	Total*†	Merchantable*†
	1	2	3	4	5
	Acres	Tons, equivalent dry weight			
Averages:					
1919-1926	17,132	11,314	--†	0.7	--†
1927-1931	45,771	17,887	13,047	0.4	0.3
1932-1936	41,265	24,320	19,740	0.6	0.5
1937-1939	37,698	32,289	25,289	0.9	0.7
Annual:					
1919	10,500	12,300	--†	1.2	--†
1920	11,023	12,700	--	1.2	--
1921	11,472	10,133	--	0.9	--
1922	12,774	11,867	--	0.9	--
1923	16,979	10,600	--	0.6	--
1924	21,328	9,233	--	0.4	--
1925	23,440	10,633	--	0.5	--
1926	29,537	13,050	--	0.4	--
1927	42,595	13,800	11,100	0.3	0.3
1928	47,038	13,533	10,433	0.3	0.2
1929	46,353	19,433	14,433	0.4	0.3
1930	46,728	23,567	17,667	0.5	0.4
1931	46,142	19,100	11,600	0.4	0.3
1932	45,760	21,167	16,467	0.5	0.4
1933	42,744	23,467	19,167	0.5	0.4
1934	41,526	25,900	20,400	0.6	0.5
1935	38,000	27,400	22,100	0.7	0.6
1936	38,293	23,667	20,567	0.6	0.5
1937	38,206	32,700	27,600	0.9	0.7
1938	37,689	35,167	24,267	0.9	0.6
1939	37,200‡	29,000‡	24,000 ‡	0.8	0.6

* Total production of all figs includes dried, canning, and fresh figs. Conversion of fresh weight to dried at 3 to 1 drying ratio.

† The unmerchantable tonnage is believed to have been very small.

‡ Preliminary data subject to revision.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Col. 1: From the California Cooperative Crop Reporting Service.

Cols. 2 and 3: Sum of dried, canned, and fresh production, largely from reports of California Crop Reporting Service and of Dried Fruit Association of California.

Cols. 4 and 5: Computed from cols. 1, 2, and 3.

[illegible]

FIGS

Table 2

Production* and Utilization of California Figs, 1921-1939

Crop year	Total production,* dry weight	Dried production*		Canned and fresh utilization			
		Quantity, dry weight	Per cent of total	Total		Canned, fresh † weight	Fresh, fresh weight
				Dry equivalent	Fresh weight		
	1	2	3	4	5	6	7
	tons	tons	per cent	tons	tons	tons	tons
Averages:							
1921-1928	11,606	10,381	89.4	1,225	3,675	2,321‡	1,651‡
1929-1934	22,105	19,733	89.3	2,372	7,116	3,085	4,031
1935-1939	29,587	25,840	87.3	3,747	11,240	5,043	6,197
Annual:							
1921	10,133	9,600	94.7	533	1,600	--δ	--
1922	11,867	11,000	92.7	867	2,600	1,737	863
1923	10,600	9,500	89.6	1,100	3,300	2,165	1,135
1924	9,233	8,500	92.1	733	2,200	935	1,265
1925	10,633	9,600	90.3	1,033	3,100	1,425	1,675
1926	13,050	11,350	87.0	1,700	5,100	2,968	2,132
1927	13,800	12,000	87.0	1,800	5,400	3,045	2,355
1928	13,533	11,500	85.0	2,033	6,100	3,971	2,129
1929	19,433	17,000	87.5	2,433	7,300	4,069	3,231
1930	23,567	21,000	89.1	2,567	7,700	4,300	3,400
1931	19,100	17,000	89.0	2,100	6,300	1,390	4,910
1932	21,167	19,000	89.8	2,167	6,500	2,565†	3,935
1933	23,467	21,500	91.6	1,967	5,900	2,280	3,620
1934	25,900	22,900	88.4	3,000	9,000	3,908†	5,092
1935	27,400	24,000	87.6	3,400	10,200	3,834†	6,366
1936	23,667	20,000	84.5	3,667	11,000	5,599†	5,401
1937	32,700	28,700	87.8	4,000	12,000	7,350†	4,650
1938	35,167	31,500	89.6	3,667	11,000	4,435†	6,565
1939π	29,000	25,000	86.2	4,000	12,000	3,996†	8,004

*Includes merchantable and nonmerchantable dried figs.

† Data in 1932 and 1934-1939 unreported small quantities canned in glass.

δ Dashes indicate data not available.

π Preliminary data. ‡ Average of years 1922-1928.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Cols. 1, 3, 4, and 7: Computed from other data in this table.

Cols. 2 and 5: Estimates of the U. S. and California Crop Reporting Service.

Col. 6: 1922-1926 from Ira J. Condit. The Kadota Fig. Calif. Agr. Exp. Sta. Bul. 436: 34. 1927-1939 based on data of Canners' League of California.

FIGS

Table 3

California and Texas Figs Marketed Fresh and Canned, 1922-1939

Crop year	Quantity							Farm price	
	California						Texas	California	Texas
	Total	Interstate shipments*		Used in California					
				Total	Canned	Fresh	Canned		
	1	2	3	4	5	6	7	8	9
	Tons	Cars	Tons					Per ton	Per ton
								Dollars	
1922	2,600	10	100	2,500	1,737	763	--†	--	--
1923	3,300	20	200	3,100	2,165	935	909	--	--
1924	2,200	21	200	2,000	935	1,065	1,180	104.00	104.00
1925	3,100	43	400	2,700	1,425	1,275	2,240	100.00	76.00
1926	5,100	85	800	4,300	2,968	1,332	4,978	112.00	76.00
1927	5,400	116	1,100	4,300	3,045	1,255	4,879	100.00	59.00
1928	6,100	98	900	5,200	3,971	1,229	6,513	87.00	65.00
1929	7,300	134	1,200	6,100	4,069	2,031	2,778	100.00	40.00
1930	7,700	110	1,000	6,700	4,300	2,400	2,961	90.00	45.00
1931	6,300	68	600	5,700	1,390	4,310	1,851	74.00	59.00
1932	6,500	68	600	5,900	2,565‡	3,335	510	36.50	47.00
1933	5,900	36	300	5,600	2,280	3,320	655	50.50	55.00
1934	9,000	58	500	8,500	3,908‡	4,592	966	51.85	52.00
1935	10,200	68	600	9,600	3,834‡	5,766	1,590	56.50	64.00
1936	11,000	67	600	10,400	5,599‡	4,801	1,450	54.00	59.00
1937	12,000	88	800	11,200	7,350‡	3,850	1,610	70.30	60.00
1938	11,000	72	600	10,400	4,435‡	5,965	1,240	56.50	45.00
1939ϕ	12,000	82	700	11,300	3,996‡	7,304	1,140	50.40	56.00

* Fresh shipments only. † Dashes indicate data not available. ‡ Excludes unreported small quantity canned in glass. ϕ Preliminary data subject to revision.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Cols. 1, 7, 8, and 9: From U. S. and California Crop Reports except 1923 Texas data are unofficial estimates.

Col. 2: Since 1927 from W. F. Cox, Federal-State Market News Reports.

Col. 3: Computed from col. 2 to nearest hundred tons at 9 tons per car.

Cols. 4 and 6: Computed from other data given in this table.

Col. 5: 1922-1926 estimates by Ira J. Condit. 1927-1939 based on data of Canners League of California.

January, 1940

FIGS

Table 4

California Dried Fig Production by Varieties, 1932-1939

Crop year	Quantity*					Per cent of total			
	Total	Adriatic	Calimyrna†	Kadota	Black Mission	Adriatic	Calimyrna†	Kadota	Black Mission
	1	2	3	4	5	6	7	8	9
	tons	tons	tons	tons	tons	per cent	per cent	per cent	per cent
1932	19,000	11,000	3,100	900	4,000	58.0	16.2	4.8	21.0
1933	21,500	10,500	5,300	1,000	4,700	49.0	24.3	4.7	22.0
1934	23,500	9,200	6,400	2,600	5,300	39.5	27.0	10.9	22.6
1935	24,000	10,300	5,100	2,400	6,200	43.0	21.0	10.0	26.0
1936	20,000	7,300	5,500	2,000	5,200	36.5	27.5	10.0	26.0
1937	28,700	11,200	7,200	3,100	7,200	39.0	25.0	11.0	25.0
1938	31,500	11,000	9,400	3,500	7,600	35.0	30.0	11.0	24.0
1939‡	25,000	7,500	8,200	3,500	5,800	30.0	33.0	14.0	23.0

* Total of merchantable and nonmerchantable production.

† Calimyrna estimates may be slightly too low as a larger proportion is usually culls, which are probably less completely and accurately reported by varieties than the merchantable tonnage.

‡ Data are preliminary estimates.

Sources of data:

Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Col. 1: From the California Cooperative Crop Reporting Service, except 1934 data are revised estimates based upon a total of 23,442 tons compiled by the Dried Fruit Association of California.

Cols. 2-5: Estimated by S. W. Shear by applying percentages in cols. 6-9 to total production in col. 1. Data are given to nearest hundred tons only.

Cols. 6-9: 1932-1936 based largely upon data compiled by the Dried Fruit Association of California. 1937-1939 based on data from the California Fig Institute and the Proration Zone.

January, 1940

FIGS

Table 5

Farm and F.O.B. Prices of California Dried Figs, 1921-1939

Crop year	Farm price	F.o.b. California packers' quotations			
		Choice Black	Choice Calimyrna	Choice Adriatic	Adriatic paste in 80's
	1	2	3	4	5
	Cents per pound				
1921	7.2	8.2	-- *	8.8	
1922	6.0	13.3	14.8	9.1	
1923	4.5	7.8	8.5	5.8	
1924	5.0	--	--	6.1	
1925	5.5	12.8	7.5 †	5.7	
1926	4.8	9.1	7.3	6.2	
1927	2.2	6.0	--	5.0	
1928	2.2	7.1	9.5	6.2	
1929	4.5	8.3	10.0	9.4	
1930	2.4	4.2	7.8	5.9	4.8
1931	1.8	4.1	6.0	5.5	4.5
1932	1.4	3.3	4.7	3.7	3.2
1933	2.2	5.6	6.5	5.7	4.7
1934	3.0	5.8	6.5	7.0	6.0
1935	2.2	4.8	7.0	6.3	5.5
1936	3.9	5.1	8.2 ‡	8.0	6.4
1937	3.4	4.7	7.4	6.6	5.5
1938	3.3	3.7	6.9	6.1	5.1
1939	3.9 ¢	5.2	8.1	7.7	6.6

* Dashes indicate no quotations reported.

† Partially estimated by S. W. Shear.

‡ Quotations for two weeks only.

¢ Preliminary

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Col. 1: From California Crop Reports.

Cols. 2-5: Simple averages monthly f.o.b. quotations from opening of new crop through December 31. Based upon California Fruit News, weekly quotations on 50-pound boxes and 25-pound boxes in recent years. 1921-1929, monthly prices are simple averages of weekly quotations and the weekly data were averages of the range. 1930-1939, monthly prices are simple averages of the lower of the range of weekly quotations.

[illegible]

Table 6

United States Merchantable* Production, Imports, Apparent Consumption and California Farm Price of Dried Figs, 1919-1939

Year beginning July 1	California production merchantable*	United States net imports †	Apparent consumption		Estimated farm price per ton ‡
			Total	Per capita	
	1	2	3	4	5
	Short tons, dry weight			Pounds	Dollars
Averages:					
1921-1925	9,640	19,499	29,139	0.52 ¢	113.00
1926-1930	11,240	12,277	23,517	0.39 ¢	65.60
1931-1935	15,420	3,266	18,686	0.29 ¢	41.72
1936-1938	20,367	2,888	23,255	0.36 ¢	70.03
Annual:					
1919	12,000	13,931	25,931	0.49	150.00
1920	12,300	12,400	24,700	0.46	90.00
1921	9,600	21,243	30,843	0.56	145.00
1922	11,000	18,146	29,146	0.53	120.00
1923	9,500	15,490	24,990	0.44	90.00
1924	8,500	21,259	29,759	0.52	100.00
1925	9,600	21,358	30,958	0.53	110.00
1926	11,400	18,390	29,790	0.51	100.00
1927	9,300	12,466	21,766	0.36	45.00
1928	8,400	14,695	23,095	0.38	45.00
1929	12,000	8,884	20,884	0.34	90.00
1930	15,100	6,950	22,050	0.36	48.00
1931	9,500	3,836	13,336	0.21	37.00
1932	14,300	2,934	17,234	0.27	25.50
1933	17,200	3,543	20,743	0.33	43.80
1934	17,400	2,828	20,228	0.32	59.30
1935	18,700	3,191	21,891	0.34	43.00
1936	16,900	3,302	20,202	0.31	77.00
1937	23,600	2,946	26,546	0.41	68.00
1938	20,600	2,416	23,016	0.35	65.10
1939	20,000 ¶				77.80 ¶

* Data prior to 1927 include small unestimated quantities of nonmerchantable figs.

† Data 1919-1932 imports minus reexports; 1933-1938 imports for consumption.

‡ Prices are for production of all dried figs, as given in table 2, col. 2.

¢ Simple averages.

¶ Preliminary estimates.

Sources of data: Compiled by S.W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Col. 1: From reports of the California Crop Reporting Service, the Dried Fruit Association of California, and the California Fig Institute.

Col. 2: Compiled from U. S. Monthly Summary of Foreign Commerce. Net weight of the imported fruit as officially reported.

Col. 3: Col. 1 plus col. 2.

Col. 4: Col. 3 divided by United States population figures of January 1.

Col. 5: From the California Crop Reporting Service.

FIGS

Table 7

Imports* of Dried† Figs into the United States by Chief Countries of Origin
Years Beginning July 1, 1923-1938

Years beginning July 1	Total imports	Turkey‡	Greece	Italy	Portugal	Other countries
	1	2	3	4	5	6
	Short tons					
Annual:						
1923	15,834	9,845	2,228	763	1,933	1,065
1924	22,630	11,078	3,798	1,897	2,397	3,460
1925	21,841	10,295	2,308	1,861	4,183	3,194
1926	19,752	11,135	3,421	1,652	1,393	2,151
1927	15,730	8,283	1,232	972	2,967	2,276
1928	17,782	11,209	2,455	679	2,202	1,237
1929	10,959	6,392	3,042	321	467	737
1930	7,413	4,999	1,467	509	422	16
1931	4,348	3,125	590	390	199	44
1932	3,019	2,150	484	354	15	16
1933	3,543	2,591	519	344	71	18
1934	2,828	1,525	759	474	35	35
1935	3,191	1,761	1,018	302	58	52
1936	3,302	1,511	981	762	45	3
1937	2,946	963	1,415	523	31	14
1938	2,416	860	896	643	10	7
Averages:						
1909-1913	9,571	7,264	1,031	289	197	790
1924-1928	19,547	10,400	2,643	1,412	2,628	2,464
1930-1933	4,581	3,216	765	399	177	24
1934-1937	3,066	1,440	1,043	515	42	26
	Per cent of total					
Percentages:						
1909-1913	100.0	75.9	10.8	3.0	2.1	8.2
1924-1928	100.0	53.2	13.5	7.2	13.5	12.6
1930-1933	100.0	70.2	16.7	8.7	3.9	0.5
1934-1937	100.0	47.0	34.0	16.8	1.4	0.8

* Imports for consumption only beginning January 1, 1934; previous data are total imports some of which were reexported.

† Imports are of all figs -- dried, fresh, preserved, etc., but, as far as is known, are practically all dried figs.

‡ Includes only Turkey in Asia in 1923-1925, but Turkey in Europe and Asia both for other years. Most Turkish figs are exported from Smyrna.

Source of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from official customs data of the U. S. Dept. of Commerce taken from its reports direct or from compilations in the U. S. Dept. Agr. Yearbooks.

FIGS

Table 8

Dried Fig Exports of Chief Mediterranean Producing Countries, 1920-1938*

Year*	Totals† Six countries listed	Totals† Smyrna, Italy and Greece	Smyrna, Turkey†	Italy	Greece	Algeria†	Spain	Portugal
	1	2	3	4	5	6	7	8
	Short tons							
Averages:								
1921-1924	92,204	63,756	28,062	21,553	14,141	10,540	8,357	9,551
1925-1929	86,628	62,527	26,914	18,986	16,627	10,520	6,487	7,094
1930-1934	74,427	56,503	26,825	13,214	16,464	10,462	4,772	2,690
1935-1938	80,000§	63,981	34,587	9,806	19,588	12,840	‡	1,776
Annual:								
1920	93,434	60,239	22,990*	22,898*	14,351	9,720*	15,781*	7,694*
1921	85,649	55,219	23,474*	19,247*	12,498	9,922	11,876*	8,632*
1922	89,970	59,854	30,976*	16,357	12,521	10,276	8,055*	11,785*
1923	78,715	56,106	21,023*	20,771	14,312	9,074	5,687*	7,848*
1924	114,481	83,845	36,777*	29,835	17,233	12,886	7,810*	9,940*
1925	87,403	65,407	24,228*	25,930	15,249	7,030	7,092*	7,874*
1926	91,903	62,736	23,777*	20,975	17,984	14,078	7,860*	7,229*
1927	86,301	59,464	29,391	14,963	15,110	10,482	6,319*	10,036*
1928	94,285	71,003	34,107	18,650	18,246	11,686	5,069*	6,527*
1929	73,247	54,025	23,068	14,412	16,545	9,325	6,095*	3,802*
1930	83,232	57,295	26,150	16,436	14,709	16,172	6,566	3,199
1931	69,830	49,853	26,500	12,886	10,467	10,143	6,259	3,575
1932	78,763	61,840	27,186	12,793	21,861	10,585	3,854	2,484
1933	72,572	57,031	26,290	12,403	18,338	8,506	4,048	2,987
1934	67,740	56,495	28,000	11,551	16,944	6,903	3,135	1,207
1935	78,490	57,518	31,800	5,896	19,822	16,255	3,572‡	1,145
1936	79,000§	63,575	32,903	13,495	17,177	13,671	‡	1,090
1937	74,000§	59,278	30,213	8,348	20,717	11,816	‡	2,319
1938§	88,000§	75,551	43,431	11,484	20,636	9,619	‡	2,551

* Data marked with asterisk are for calendar years. Other data are for approximate crop years beginning August 1 except for Algeria which are for years beginning July 1 because only quarterly data are available.

† In recent years some low grade inedible or horda figs are known to be included in Smyrna and Algeria totals and such figs may also have been included in earlier years for Algeria and Smyrna and/or for other countries.

‡ To June 30, 1936 only. Later data not available.

§ Preliminary data; totals in col. 1 for 1936-1938 given in round thousands assume less than 1,000 tons exported from Spain annually 1936-1938.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from data compiled by Office of Foreign Agricultural Relations, United States Department of Agriculture. Some of these data have been published in mimeographed releases of the Federal-State Market News Service at Sacramento, California.

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University of California, College of Agriculture
Agricultural Experiment Station, Berkeley, January, 1940

DECIDUOUS FRUIT STATISTICS

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Table 1

Bearing Acreage of California Grapes, by Varietal* Classes
1919-1939

Crop year	Total	Wine *	Table*	Raisin*
	1	2	3	4
	Acres			
1919	322,000	97,000	55,000	170,000
1920	346,000	100,000	57,000	189,000
1921	362,000	105,000	60,000	197,000
1922	407,000	110,000	65,000	232,000
1923	434,371	114,772	77,389	242,210
1924	516,698	124,265	95,558	296,875
1925	597,592	140,323	122,611	334,658
1926	646,761	159,301	140,229	347,231
1927	635,464	169,168	131,956	334,340
1928	627,955	182,680	125,338	319,937
1929	606,843	194,689	116,659	295,495
1930	549,862	191,668	109,616	248,578
1931	530,758	187,649	99,957	243,152
1932	525,040	187,092	97,571	240,377
1933	504,552	182,514	88,923	233,115
1934	499,186	181,578	87,278	230,330
1935	491,100	177,500	78,600	235,000
1936	468,468	162,899	77,609	227,960
1937	481,689	167,864	79,109	234,716
1938	487,453	169,826	79,240	238,387
1939†	489,200‡	170,400‡	79,300‡	239,500‡

* The chief varieties included in each class by the Crop Reporting Service in accordance with the most usual use for each variety are as follows: Raisin: Thompson Seedless, Muscat, and Sultana.
Table: Tokay, Malaga, Emperor, Red Malaga, Cornichon, Almeria, Ribier.
Wine: Zinfandel, Alicante Bouschet, Carignane, Petit Sirah, Mission, and Mataro, and also several minor black and white varieties.

† Preliminary estimates.

‡ Estimates of nonbearing acreage for 1939: total, 11,800 acres; wine, 2,300 acres; table, 3,700 acres; and raisin, 5,800 acres.

Source of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from California Crop Reports.

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Table 2

Grape Production* in California by Varietal† Classes and United States Total
1919-1939

Crop year	United States total	Other states total	California			
			Total	Raisin varieties	Table varieties	Wine varieties
	1	2	3	4	5	6
	Thousands of tons					
Averages:						
1919-1923	1,730	219	1,511	887	225	399
1924-1928	2,333	236	2,097	1,248	426	423
1929-1933	2,071	289	1,782	1,074	303	405
1934-1938	2,369	250	2,119	1,189	372	558
Annual:						
1919	1,575	230	1,345	745	200	400
1920	1,521	248	1,273	732	166	375
1921	1,220	120	1,100	627	163	310
1922	2,085	279	1,806	1,043	283	480
1923	2,250	220	2,030	1,290	312	428
1924	1,775	240	1,535	860	325	350
1925	2,200	150	2,050	1,216	439	395
1926	2,444	315	2,129	1,317	398	414
1927	2,592	186	2,406	1,443	490	473
1928	2,654	288	2,366	1,406	478	482
1929	2,085	258	1,827	1,098	312	417
1930	2,456	275	2,181	1,307	388	486
1931	1,646	326	1,320	775	229	316
1932	2,231	305	1,926	1,221	317	388
1933	1,939	279	1,660	970	270	420
1934	1,958	258	1,700	928	296	476
1935	2,488	294	2,194	1,248	375	571
1936	1,916	202	1,714	918	324	472
1937	2,777	323	2,454	1,407	416	631
1938	2,704	173	2,531	1,443	447	641
1939‡	2,471	298	2,173	1,255	370	548

* Includes harvested and unharvested production. (Breakdown of California production into harvested and unharvested by variety-classes is shown in tables 6-9.)

† The chief varieties included in each class by the Crop Reporting Service in accordance with the most usual use for each variety are as follows:
Raisin: Thompson Seedless, Muscat, and Sultana.
Table: Tokay, Malaga, Emperor, Red Malaga, Cornichon, Almeria, Ribier.
Wine: Zinfandel, Alicante Bouschet, Carignane, Petit Sirah, Mission, and Mataro, and also several minor black and white varieties.

‡ Preliminary official estimates.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from United States and California Crop Reports.

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Table 3

Yield Per Bearing Acre of California Grapes
by Varietal* Classes, 1919-1939

Crop year	Total	Table*	Wine*	Raisin*
	1	2	3	4
	Tons			
1919	4.2	3.6	4.1	4.4
1920	3.7	2.9	3.8	3.9
1921	3.0	2.7	3.0	3.2
1922	4.4	4.4	4.4	4.5
1923	4.7	4.1	3.7	5.3
1924	3.0	3.4	2.8	2.9
1925	3.4	3.6	2.8	3.6
1926	3.3	2.8	2.6	3.8
1927	3.8	3.7	2.8	4.3
1928	3.8	3.8	2.6	4.4
1929	3.0	2.7	2.1	3.7
1930	4.0	3.5	2.5	5.3
1931	2.5	2.3	1.7	3.2
1932	3.7	3.2	2.1	5.1
1933	3.3	3.0	2.3	4.2
1934	3.4	3.4	2.6	4.0
1935	4.5	4.7	3.2	5.3
1936	3.7	4.2	2.9	4.0
1937	5.1	5.3	3.8	6.0
1938	5.2	5.7	3.8	6.1
1939†	4.4	4.7	3.2	5.2

* The chief varieties included in each class by the Crop Reporting Service in accordance with the most usual use for each variety are as follows:

Raisin: Thompson Seedless, Muscat and Sultana.
Table: Tokay, Malaga, Emperor, Red Malaga, Cornichon, Almeria, Ribier.
Wine: Zinfandel, Alicante Bouschet, Carignane, Petit Sirah, Mission, and Mataro, and also several minor black and white varieties.

† Preliminary.

Source of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, College of Agriculture, University of California, based upon United States and California Crop Reports.

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Table 4

California Farm Price of Grapes by Classes, 1919-1939

Crop year	All varieties	Wine varieties	Table varieties	Raisin varieties: Marketed fresh	Raisin varieties: Dried	
	Price per fresh ton					Per dry ton
	1	2	3	4	5	6
	Dollars					
1919	55	50	75	--	56	210
1920	65	75	75	40	63	235
1921	62	82	80	40	51	190
1922	41	65	60	30	28	105
1923	22	40	40	20	12	45
1924	33	63	40	20	19	70
1925	28	60	20	20	21	80
1926	25	45	25	20	19	70
1927	24	45	26	23	16	60
1928	16	25	26	10	11	40
1929	24	35	35	20	16	61
1930	16	20	21*	13*	16	59
1931	20	19	35	25	16	60
1932	12	12	16	19	10	39
1933	16	20	15	17	15	57
1934	17	15	23	20	17	64
1935	13	12	14	12	15	56
1936	19	17	25	19	19	70
1937	19	21	22	21	17	63
1938	13	13	18	15	11	42
1939†	14	14	15	16	13	49

* Includes returns from Control Board for unharvested grapes as well as returns from fresh raisin grapes actually marketed.

† Preliminary.

Sources of data:

Data compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from official reports of United States and California Cooperative Crop Reporting Service, except col. 5, which is calculated by dividing items in col. 6 by 3.75, and col. 1, which is a weighted average of cols. 2, 3, 4, and 6.

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Table 5

California Interstate Grape Shipments and Delivered-Auction Prices by Classes, 1921-1939

Crop year	Table varieties*		Wine varieties*		Muscats*		Shipments of other states
	Shipments	Price per package	Shipments	Price per package	Shipments	Price per package	
	1	2	3	4	5	6	7
	cars	dollars	cars	dollars	cars	dollars	cars
1921	13,500	2.16	14,000	2.38	2,700	1.50	4,473
1922	17,100	1.73	18,600	2.05	5,700	1.40	15,967
1923	24,300	1.55	20,000	1.76	8,000	1.08	9,988
1924	27,300	1.38	17,200	1.96	10,300	1.12	12,238
1925	29,900†	1.17	23,800†	1.66	17,500†	0.97	5,812
1926	27,100†	1.26	24,300†	1.50	9,400†	1.02	14,263
1927	27,711	1.30	29,775	1.44	14,813	1.02	6,752
1928	28,267	1.19	26,459	1.11	13,759	0.81	8,611
1929	22,989	1.44	24,813	1.24	8,336	1.08	6,897
1930	25,196	1.22	27,468	1.07	8,221	1.06	5,730
1931	18,045	1.44	15,917	1.13	2,727	1.18	7,169
1932	15,420	1.13	17,348	0.87	6,212	0.76	4,032
1933	13,830	1.29	8,968	1.06	3,934	0.99	2,743
1934	15,867	1.43	10,344	1.08	2,000	1.11	1,750
1935	14,504	1.27	11,237	1.01	4,136	0.94	1,943
1936	17,612	1.47	9,030	1.27	2,675	1.16	669
1937	18,384	1.36	10,772	1.13	4,414	0.99	1,971
1938	17,170	1.30	8,878	1.16	3,308	1.15	456
1939	16,845	1.25‡	10,111	1.15‡	2,960	1.14‡	388§

* The grapes are classed according to the principal purpose for which used. Data shown for table varieties include Thompson Seedless and some juice stock. Muscat grapes shipped interstate are used primarily as juice stock but include some grapes used for table purposes.

† Shipments for 1925 and 1926 are subject to revision.

‡ Auction prices through November 11, 1939.

§ Shipments through December 30, 1939.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Cols. 1, 3, 5, and 7: Include some estimates by S.W. Shear in earlier years but 1927-1939 data from Federal-State Market News Service reports. Shipments in col. 7 include both inter and intrastate movement.

Cols. 2, 4, and 6: Delivered auction prices since 1924 are compiled from Federal-State Market News reports and are the weighted average prices of eleven markets (except table grapes 1921-1923 for New York only) for the principal varieties included in each class. Table varieties included in col. 2 are Cornichon, Malaga, Red Malaga, Tokay, Emperor, and Thompson Seedless.

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TABLE 6. California Production and Utilization of All Varieties of Grapes, 1927-1939

Crop year	Harvested* production	Canned	Dried+	Used fresh for juice					Fresh table use		
				Total	Commercial crush	Other					
						Total	Within state	Inter-state	Inter-state	Within state	Total
	Tons, fresh weight										
Average:‡											
1927-1929	2,115,800	2,100	1,045,300	698,800	76,300	622,500	48,700	573,800	335,000	34,600	369,600
1930-1932	1,610,000	700	848,900	499,700	69,200	430,500	67,500	363,000	223,900	36,800	260,700
1934-1938	2,118,600	4,100	881,500	946,700	736,800	209,900	18,900	191,000	242,000	44,300	286,300
Annual:											
1927	2,307,400*	2,400	1,166,000	755,900	75,000	680,900	44,500	636,400	347,600	35,500	383,100
1928	2,213,000*	1,600	1,072,000	734,000	103,000	631,000	49,500	581,500	372,500	32,900	405,400
1929	1,827,000	2,300	898,000	606,500	51,000	555,500	52,200	503,300	284,700	35,500	320,200
1930	1,748,000*	1,300	782,100	648,200	74,100	574,100	74,300	499,800	281,500	34,900	316,400
1931	1,310,000*	300	702,400	371,900	34,600	337,300	68,100	269,200	204,300	31,100	235,400
1932	1,772,000*	500	1,062,000	479,100	99,000	380,100	60,100	320,000	186,000	44,400	230,400
1933	1,657,000*	970	793,000	661,800	444,000	217,800	33,400	184,400	163,700	37,530	201,230
1934	1,700,000	2,200	695,200	739,200	530,000	209,000	27,000	182,200	220,900	42,500	263,400
1935	2,194,000	2,400	816,000	1,123,100	887,000	236,100	18,700	217,400	210,100	42,400	252,500
1936	1,714,000	3,200	733,600	687,300	494,000	193,300	20,300	173,000	247,400	42,500	289,900
1937	2,454,000	7,500	994,000	1,136,100	911,000	225,100	11,300	213,800	270,300	46,100	316,400
1938	2,531,000	5,000	1,168,800	1,048,000	862,000	186,000	17,200	168,800	261,400	47,800	309,200
1939ø	2,173,000	10,000	1,016,600	911,900ø	712,000ø	199,900	11,600	188,300	240,900	38,600	279,500

* Excludes unharvested tons: 1927, 98,600; 1928, 153,000; 1930, 433,000; 1931, 10,000; 1932, 154,000; and 1933, 3000.
+ Dried wine and table grapes included probably finally used for juice and a few raisins.
‡ Averages do not equal the sum of similar averages, tables 7-9, due to minor adjustments in subtotals.
ø Preliminary unofficial 1939 estimates of utilization subject to considerable revision. The Fourth Wine Industry Statistical Survey of the Wine Institute reports the 1939 commercial grape crush as almost 712,000 tons, 6 or 7 per cent more than some estimates of December 1 when the production estimate in col. 1 was made. Production estimates in tables 6, 7, 8, and 9 and commercial crush in tables 7, 8, and 9 will probably be increased slightly if the final check survey maintains the estimate of dried raisins.

Source of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California. Data largely based on reports of California Crop Reporting Service and of San Francisco Federal-State Market News Service, except fresh juice and table stock in all years and commercial crush 1927-1929 and unharvested in 1927 made by S. W. Shear.

[illegible]

Table 7. California Production and Utilization of Raisin Grape Varieties, 1927-1939

Crop year	Harvested* production	Canned	Dried †	Used fresh for juice †			Fresh table use		
				Total ‡	Commercial crush	Interstate ¢	Interstate ¢	Within state	Total
	Tons, fresh weight								
Averages:									
1927-1929	1,295,700	2,100	1,014,700	201,000	21,500	169,600	66,700	11,200	77,900
1930-1932	987,700	700	830,400	95,000	12,900	73,300	49,700	11,900	61,600
1934-1938	1,188,800	4,100	874,400	223,500	180,600	42,900	74,000	12,800	86,800
Annual:									
1927	1,443,000	2,400	1,140,000	220,100	12,600	199,000	69,000	11,500	80,500
1928	1,346,000*	1,600	1,044,000	230,700	28,000	191,000	59,000	10,700	69,700
1929	1,098,000	2,300	860,000	152,100	24,000	118,900	72,100	11,500	83,600
1930	988,000*	1,300	767,000	148,600	22,000	110,800	59,800	11,300	71,100
1931	775,000	300	676,000	48,300	4,600	35,200	40,300	10,100	50,400
1932	1,200,000*	500	1,048,000	88,100	12,000	74,000	49,000	14,400	63,400
1933	970,000	970	780,000	136,000	80,000	56,000	40,000	13,030	53,030
1934	928,000	2,200	684,000	165,200	140,000	25,200	61,700	14,900	76,600
1935	1,248,000	2,400	812,000	356,500	300,000	56,500	65,300	11,800	77,100
1936	918,000	3,200	728,000	102,700	67,000	35,700	72,100	12,000	84,100
1937	1,407,000	7,500	988,000	312,100	254,000	58,100	87,000	12,400	99,400
1938	1,443,000	5,000	1,160,000	180,900	142,000	38,900	84,100	13,000	97,100
1939 ¶	1,255,000	10,000	1,008,000	149,700	110,000 ¶	39,700	74,300	13,000	87,300

* The chief varieties included are Thompson Seedless, Muscats, Sultanas, and currants. Excludes unharvested tonnages as follows: 1928, 60,000; 1930, 319,000; and 1932, 21,000.

† In addition to total fresh grapes used for juice, col. 4, a rough average of 36,000 fresh tons of dried raisins was used for making alcoholic beverages, mostly homemade, during 1927-1932. Considerably smaller amounts of raisins have probably been used since repeal.

‡ Includes small amounts used in the state for home wine making in 1927-1932 (col. 4 minus cols. 5 and 6).

¢ Interstate raisin grape shipments designated for juice as shown consist largely of Muscats, a small but increasing proportion of which probably goes into fresh table use.

¶ All 1939 estimates are preliminary and utilization estimates are unofficial. See footnote ¢ table 6 for comments.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California. Data largely based on reports of California Crop Reporting Service and of San Francisco Federal-State Market News Service, except estimates of fresh juice and table stock in all years and of commercial crush in 1927-1929 were made by S. W. Shear.

Table 8. California Production and Utilization of Table Grape Varieties,* 1927-1939

Crop year	Harvested* production	Dried†	Used fresh for juice			Fresh table use		
			Total	Commercial crush	Interstate‡	Interstate	Within state‡	Total
	1	2	3	4	5	6	7	8
	Tons, fresh weight							
Averages:								
1927-1929	368,800	19,000	58,200	30,100	28,100	268,200	23,400	291,600
1930-1932	250,700	11,300	40,300	19,900	20,400	174,200	24,900	199,100
1934-1938	371,600	6,200	166,000	160,900	5,100	168,000	31,400	199,400
Annual:								
1927	391,400*	16,000	72,800	47,400	25,400	278,600	24,000	302,600
1928	403,000*	16,000	51,300	27,800	23,500	313,500	22,200	335,700
1929	312,000	25,000	50,400	15,000	35,400	212,600	24,000	236,600
1930	314,000*	8,000	60,700	28,700	32,000	221,700	23,600	245,300
1931	229,000	14,000	30,000	4,000	26,000	164,000	21,000	185,000
1932	209,000*	12,000	30,000	27,000	3,000	137,000	30,000	167,000
1933	267,000*	12,200	106,600	104,000	2,600	123,700	24,500	148,200
1934	296,000	9,200	100,000	89,000	11,000	159,200	27,600	186,800
1935	375,000	3,600	196,000	195,000	1,000	144,800	30,600	175,400
1936	324,000	5,400	112,800	105,000	7,800	175,300	30,500	205,800
1937	416,000	5,800	193,200	191,000	2,200	183,300	33,700	217,000
1938	447,000	6,800	228,100	224,600	3,500	177,300	34,800	212,100
1939§	370,000	8,000	169,800	165,000	4,800	166,600	25,600	192,200

* The chief varieties included in official California table grape production are Tokay, Malaga, Emperor, Red Malaga, Cornichon, Almeria, Ribier and Concord. Harvested production as given excludes unharvested tonnages as follows: 1927, 98,600 estimated by S. W. Shear; 1928, 75,000; 1930, 74,000; 1932, 108,000; and 1933, 3,000.

† Dried table grape varieties are presumably used for juice purposes eventually.

‡ Probably very few table grape varieties are used for home wine making in California and all intrastate use as given in col. 7 is assumed as for table purposes.

§ All 1939 estimates are preliminary and utilization estimates are unofficial.

Source of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California. Data are based largely on reports of the California Crop Reporting Service and of the San Francisco Federal-State Market News Service, except estimates of fresh juice and table stock in all years and of commercial crush in 1927-1929 were made by S. W. Shear.

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Table 9

California Production and Utilization of Wine Grape Varieties,* 1927-1939

Crop year	Harvested † production	Dried*	Used fresh for juice*				
			Total	Commercial crush	Other		
					Total	Inter-state	Within state
	1	2	3	4	5	6	7
	Tons, fresh weight						
Averages:							
1927-1929	451,300	11,700	439,600	24,700	414,900	376,000	38,900
1930-1932	371,700	7,200	364,500	36,500	328,000	269,300	58,700
1934-1938	558,200	1,000	557,200	395,300	161,900	143,000	18,900
Annual:							
1927	473,000	10,000	463,000	15,000	448,000	412,000	36,000
1928	464,000†	12,000	452,000	47,200	404,800	367,000	37,800
1929	417,000	13,000	404,000	12,000	392,000	349,000	43,000
1930	446,000†	7,100	438,900	23,400	415,500	357,000	58,500
1931	306,000†	12,400	293,600	26,000	267,600	208,000	59,600
1932	363,000†	2,000	361,000	60,000	301,000	243,000	58,000
1933	420,000	800	419,200	260,000	159,200	125,800	33,400
1934	476,000	2,000	474,000	301,000	173,000	146,000	27,000
1935	571,000	400	570,600	392,000	178,600	159,900	18,700
1936	472,000	200	471,800	322,000	149,800	129,500	20,300
1937	631,000	200	630,800	466,000	164,800	153,500	11,300
1938	641,000	2,000	639,000	495,400	143,600	126,400	17,200
1939‡	548,000	600	547,400	392,000	155,400	143,800	11,600

* The chief varieties included in wine grape varieties by the Crop Reporting Service in accordance with the most usual use of each variety are Zinfandel, Alicante Bouschet, Carignane, Petit Sirah, Mission, Mataro, Grenache, Golden Chasselas, Burger, Colombar, and Franken Riesling. Presumably all California grapes classified as strictly wine varieties, including those dried, are crushed commercially or otherwise used for wine brandy and other juice purposes and none consumed for fresh table use.

† Excludes unharvested tonnages: 1928, 18,000; 1930, 40,000; 1931, 10,000; and 1932, 25,000.

‡ Preliminary unofficial 1939 estimates of utilization.

Sources of data: Compiled by S.W. Shear, Giannini Foundation of Agricultural Economics, University of California. Data are largely based on reports of the California Crop Reporting Service and of the San Francisco Federal-State Market News Service, except commercial crush 1927-1929 roughly estimated by S. W. Shear.

Table 10

Shipments of California Raisins by Countries and F.O.B. Prices of Thompson Seedless Raisins, 1921-1938

Year beginning Sept. 1	Grand total	Domestic			Exports				F.o.b. price Thompson Seedless* per net packed pound
		Total U.S. and Canada	United States	Canada	Total: Including Canada	Total: Excluding Canada	United Kingdom	Other countries	
	Short tons, sweat box weight								Cents
1921	155,000	139,700	125,200	14,500	29,800	15,300	11,000	4,300	14.0
1922	190,000	153,500	135,000	18,500	55,000	36,500	20,400	16,100	10.5
1923	195,000	168,400	149,400	19,000	45,600	26,600	8,300	18,300	7.3
1924	220,000	187,600	167,600	20,000	52,400	32,400	14,800	17,600	7.4
1925	240,000	185,300	168,000	17,300	72,000	54,700	23,700	31,000	7.3
1926	245,000	182,400	162,300	20,100	82,700	62,600	28,500	34,100	6.8
1927	285,000	199,600	178,000	21,600	107,000	85,400	37,700	47,700	5.6
1928	290,000	193,400	171,000	22,400	119,000	96,600	37,500	59,100	4.4
1929	215,000	162,900	148,600	14,300	66,400	52,100	19,100	33,000	4.9
1930	215,000	160,100	148,200	11,900	66,800	54,900	21,700	33,200	4.7
1931	185,000	131,000	124,100	6,900	60,900	54,000	24,100	29,900	5.1
1932	220,000	160,700	155,300	5,400	64,700	59,300	26,500	32,800	3.3
1933	190,000†	143,300†	137,500†	5,800	52,500	46,700	17,800	28,900	4.2
1934	190,000	145,800	141,800	4,000	48,200	44,200	18,800	25,400	4.3
1935	215,000†	158,500†	154,100†	4,400	60,900	56,500	28,500	28,000	4.1
1936	200,000‡	144,800‡	140,900‡	3,900	59,100	55,200	26,000	29,200	4.8
1937	225,000‡§	151,200‡§	148,300‡§	2,900	76,700	73,800	32,000	41,800	4.0
1938‡	220,000‡§	138,700‡§	135,700‡§	3,000	84,300	81,300	34,100	47,200	3.7‡

* Prices 1921-1923 are for all raisins as prices of Thompson Seedless separately are not available.

† In addition to sales to the regular trade as given, about 15,000 tons of Muscat raisins were used by California distillers in 1933; 5,000 tons of off-grades for by-products in 1935; and 51,840 tons diverted into stock feed or brandy in 1938.

‡ Estimates are preliminary.

§ Shipments for 1937 include 15,000 tons shipped for relief, and for 1938 approximately 10,000 tons.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California. Total shipments from unpublished monthly water and rail shipments of raisins from California plus estimated California consumption. Exports from Monthly Summary of Foreign Commerce. Shipments for domestic consumption computed by subtraction. F.o.b. prices 1921-1929 based on reports of actual sales of packers; later years estimated from quotations in California Fruit News on choice bulk Thompsons, weighted by monthly shipments lagged.

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Table 11

Prices to Growers for California Natural Muscat and Thompson Seedless Raisins
1909-1939

Crop year	Price per dry ton		Equivalent price per fresh ton at 3.75 to 1 drying ratio		Crop year	Price per dry ton		Equivalent price per fresh ton at 3.75 to 1 drying ratio	
	Muscats	Thompson Seedless	Muscats	Thompson Seedless		Muscats	Thompson Seedless	Muscats	Thompson Seedless
	1	2	3	4		1	2	3	4
	Dollars					Dollars			
1909	33	43	9	11	1924	61	62	16	17
1910	55	60	15	16	1925	84	75	22	20
1911	75	108	20	29	1926	66	62	18	17
1912	62	68	17	18	1927	50	57	13	15
1913	70	79	19	21	1928	43	43	11	11
1914	67	93	18	25	1929	62	68	17	18
1915	73	100	19	27	1930	49	60	13	16
1916	85	132	23	35	1931	60	70	16	19
1917	97	138	26	37	1932	21	41	6	11
1918	106	138	28	37	1933	53	56	14	15
1919	208	240	55	64	1934	56	61	15	16
1920	223	296	59	79	1935	54	56	14	15
1921	146	168	39	45	1936	70	65	19	17
1922	54	73	14	19	1937	64	61	17	16
1923	51	49	14	13	1938	50	50	13	13
					1939*	45	45	12	12

* Preliminary.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Cols. 1 and 2: Weighted average prices of natural raisins for the regular trade (excluding sales of bleached and of surplus for distilling and other by-products) paid growers by Sun Maid 1913-1924 and by Sun Maid and other packers for other years. Data for 1932 to date are estimates subject to minor revision based upon Raisin Market Information Bulletins of the Federal-State Market News Service, Sacramento, California and reliable confidential trade information.

Cols. 3 and 4: Computed from cols. 1 and 2 by dividing by 3.75.

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Table 12

World Raisin and Current Production by Chief Countries*

Year harvested	Totals: Raisins and currants†	Totals: Currants‡	Totals: Raisins: World†	Totals: Raisins: Foreign†	Raisins: California	Raisins: Spain	Raisins: Australia	Raisins: Smyrna (Turkey)	Raisins: Greece and Crete *	Raisins: Persia
	1	2	3	4	5	6	7	8	9	10
	Tons, dry weight									
Averages:										
1909-1913	404,900	178,700	226,200	154,500	71,700	21,300	7,100	54,800	15,000	55,000
1920-1924	493,700	147,000	346,700	142,900	203,800	19,500	18,800	40,100	15,000	43,800
1925-1929	599,200	172,800	426,400	179,800	246,600	26,300	38,200	47,800	20,200	41,900
1930-1934	522,900	147,200	375,700	177,900	197,800	16,700	53,400	51,000	21,100	29,400
1935-1939	623,100	160,700	462,400	227,600	234,800	15,300	60,400	73,200	32,800	36,200
Annuals:										
1925	538,600	180,100	358,500	158,500	200,000	33,600	28,600	32,500	18,500	40,000
1926	625,100	197,000	428,100	156,100	272,000	25,900	25,100	39,200	16,500	44,000
1927	648,800	154,500	494,300	209,300	285,000	25,800	49,000	56,000	24,600	48,500
1928	612,500	168,000	444,500	183,500	261,000	25,200	28,800	49,300	25,600*	49,000
1929	571,100	164,600	406,500	191,500	215,000	20,800	59,400	62,000	16,000*	28,000
1930	524,700	168,600	356,100	164,100	192,000	17,600	59,900	38,900	15,000	28,000
1931	414,100	93,100	321,000	152,000	169,000	16,300	36,800	29,700	15,000	48,000
1932	605,100	161,300	443,800	181,800	262,000	21,200	45,800	71,600	22,000	15,000
1933	535,600	143,400	392,200	197,200	195,000	11,500	68,600	60,700	28,000	20,000
1934	535,300	169,800	365,500	194,500	171,000	16,800	56,000	54,000	25,500	36,000
1935	632,200	191,500	440,700	237,700	203,000	21,000	51,400	87,000	35,500	35,000
1936	553,100	146,800	406,300	224,300	182,000	17,500	56,700	71,200	29,500	40,000
1937	586,800	152,300	434,500	187,500	247,000	11,000	59,400	48,000	27,000	32,000
1938	693,400	147,000	546,400	256,400	290,000	13,000	79,600	82,000	34,000	36,000
1939 ◊	650,200	165,800	484,400	232,400	252,000	14,000	55,000	78,000	38,000	38,000

* Data for Greece and Crete exclude Rosakias since 1928 because unimportant.

† Include small quantities of raisins produced in the Union of South Africa.

‡ Greece and Australia produce practically all of the commercial currant crop of the world.

◊ Data are preliminary and subject to considerable revision.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California. California data from California Crop Reports exclude dried grapes other than raisin varieties. Foreign production largely from reports of Office of Foreign Agricultural Relations, U. S. Dept. Agr. released currently by the Federal-State Market News Service at Sacramento.

Table 13. United States Apparent Consumption of Still Wine, Years Beginning July 1, 1933-1939

Year beginning July 1	United States *						California			Other states		
	Total		Sweet, over 14 per cent commercial	Dry, not over 14 per cent alcohol			Total	Commercial	Home-made	Total	Commercial	Home-made
	Commercial and homemade	Commercial		Total	Commercial	Home-made						
	1	2	3	4	5	6	7	8	9	10	11	12
	Total consumption, thousands of gallons, i.e., 000 omitted											
1933	52,146	17,526	10,973	41,173	6,553	34,620	13,010	8,000†	5,010	39,136	9,526	29,610
1934	70,916	37,856	24,491	46,425	13,365	33,060	21,650	17,600†	4,050	49,266	20,256	29,010
1935	86,027	50,012	32,958	53,069	17,054	36,015	23,957	21,152	2,805	62,070	28,860	33,210
1936	95,338	65,503	42,775	52,563	22,728	29,835	23,942	20,897	3,045	71,396	44,606	26,790
1937	98,895	64,230	41,350	57,545	22,880	34,665	21,523	19,828	1,695	77,372	44,402	32,970
1938	99,746	70,526	46,490	53,256	24,036	29,220	22,340	19,760	2,580	77,406	50,766	26,640
1939		‡	‡		‡	31,275♀		‡	1,740♀			29,535♀
	Per capita consumption, gallons											
1933	.41	.14	.09	.32	.05	.27	2.20	1.35	.85	.33	.08	.25
1934	.56	.30	.19	.37	.11	.26	3.63	2.95	.68	.41	.17	.24
1935	.67	.39	.26	.41	.13	.28	3.97	3.51	.46	.51	.24	.27
1936	.74	.51	.33	.41	.18	.23	3.92	3.42	.50	.58	.36	.22
1937	.76	.49	.32	.44	.17	.27	3.47	3.20	.27	.63	.36	.27
1938	.76	.54	.36	.40	.18	.22	3.55	3.14	.41	.62	.41	.21
1939						.24♀			.27♀			.24♀

* Includes average imports, 1933-1938, of 2,941,000 gals. or 3.5 per cent of consumption, about half dry wine and half sweet. † Estimates by S. W. Shear.

‡ U. S. tax-paid domestic withdrawals July-December, 1939, were 14 per cent greater than July-December, 1938, for all still wine, 17 per cent greater for sweet, 8 per cent greater for dry, while California commercial consumption was 3 per cent less. ♀ Preliminary estimates.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Cols. 1, 2, 4, 7, and 10: Calculated by addition.

Cols. 3 and 5: Sum of domestic tax-paid withdrawals, Bureau Internal Revenue, and U. S. imports.

Cols. 6 and 9: Homemade or basement wine from estimate of California grapes so used, at 150 gallons per ton, with no estimates of basement wine made from grapes produced outside of California. Very little homemade wine was consumed before prohibition. U. S. per capita consumption of commercial wine 1909-1913 averaged about 0.5 gallons of which 0.2 was sweet and 0.3 dry.

Col. 8: Based on Wine Institute, Wine Industry Statistical Survey reports, mimeographed.

Cols. 11 and 12: Calculated by subtracting California data from U. S. data.

TABLE 14. United States and California Production, Stocks, Supply and Disappearance of Commercial Still Wine, Average 1909-1913, and Annual 1933-1939

Year beginning July 1	Stocks, July 1			Net finished production			Total supply			Disappearance		
	Total	Sweet -- over 14 per cent alcohol	Dry -- not over 14 per cent alcohol	Total	Sweet -- over 14 per cent alcohol	Dry -- not over 14 per cent alcohol	Total	Sweet -- over 14 per cent alcohol	Dry -- not over 14 per cent alcohol	Total	Sweet -- over 14 per cent alcohol	Dry -- not over 14 per cent alcohol
	1	2	3	4	5	6	7	8	9	10	11	12
	Thousands of gallons, i.e., 000 omitted											
	United States											
Average: 1909-1913	--	--	--	52,924	20,074	32,850*	--	--	--	49,445	19,198	30,247*
Annual:												
1933	25,542	11,597	13,945	39,239	17,583	21,656	64,781	29,180	35,601	14,613	9,516	5,097
1934	50,168	19,664	30,504	41,980	27,311	14,669	92,148	46,975	45,173	35,671	23,396	12,275
1935	56,477	23,579	32,898	69,821	55,363	14,458	126,298	78,942	47,356	47,826	31,855	15,971
1936	78,472	47,087	31,385	52,031	36,490	15,541	130,503	83,577	46,926	62,395	41,208	21,187
1937	68,108	42,369	25,739	95,308	59,416	35,892	163,416	101,785	61,631	61,399	39,920	21,479
1938	102,017	61,865	40,152	60,392	38,316	22,076	162,409	100,181	62,228	67,567	44,989	22,578
1939†	94,842	55,192	39,650	80,000†	57,000†	23,000†	174,842	112,192	62,650			
	California											
Average: 1909-1913	--	--	--	43,595	19,161	24,434*	--	--	--	--	--	--
Annual:												
1933	22,620	10,351	12,269	35,679	16,052	19,627	58,299	26,403	31,896	12,974	8,640	4,334
1934	45,325	17,763	27,562	37,005	25,928	11,077	82,330	43,691	38,639	34,944	23,366	11,578
1935	47,386	20,325	27,061	65,690	54,013	11,677	113,076	74,338	38,738	45,206	31,696	13,510
1936	67,870	42,642	25,228	46,679	34,700	11,979	114,549	77,342	37,207	58,212	40,574	17,638
1937	56,337	36,768	19,569	85,351	57,302	28,049	141,688	94,070	47,618	54,363	38,718	15,645
1938	87,325	55,352	31,973	50,342	35,581	14,761	137,667	90,933	46,734	57,155	42,628	14,527
1939†	80,512	48,305	32,207	68,000†	53,000†	15,000†	148,512	101,305	47,207			

* Data on champagne and other sparkling wines included for 1909-1913 but excluded for 1933-1939.

† Rough preliminary 1939 production estimates subject to considerable revision; based on data for July-December.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California. Cols. 4-6 and 10-12: for 1909-1913 average from Shear, S. W. and G. G. Pearce. Supply and price trends in the California wine-grape industry, Part 2, Tables 7 and 9. Giannini Foundation of Agricultural Economics, Mimeo. Report No. 34. June 1934. Cols. 1-3: for 1933-1939 from reports of the Bureau of Internal Revenue. Cols. 4-6: for 1933-1939 based on data in reports of Bureau of Internal Revenue. Cols. 7-12: for 1933-1939 calculated from data in cols. 1-6.

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Table 15. Supply and Disappearance of California Fruit Brandy,*
Averages 1890-1918, Annual 1933-1939

Year beginning July 1	Stocks, July 1†	Total production	Supply	Apparent disappearance: Total	Apparent disappearance: Used for fortification‡	Apparent disappearance: Beverage brandy ¶: Quantity	Apparent disappearance: Beverage brandy ¶: Fresh fruit used	Beverage brandy production: Fresh fruit used	Beverage brandy production: Quantity
	1	2	3	4	5	6	7	8	9
	Thousands of proof gallons						Short tons		1,000 gals.
Averages:									
1890-1893	1,441	1,898	3,339	1,791	655	1,136	28,000	31,000	1,243
1894-1898	1,257	2,071	3,328	2,235	1,445	790	20,000	16,000	626
1899-1903	993	4,042	5,035	3,881	2,783	1,098	27,000	31,000	1,259
1904-1908	1,344	5,282	6,626	5,163	3,626	1,537	38,000	41,000	1,656
1909-1913	2,510	7,489	9,999	7,434	5,024	2,410	60,000	62,000	2,465
1914-1918	2,595	5,331	7,926	5,718	3,228	2,490	62,000	53,000	2,103
1933-1937	2,603	13,748	16,351	13,162	11,733	1,429	36,000	45,000	1,785
Annual:									
1933	1,209	7,035	8,244	5,891	4,711	1,180	30,000	58,000	2,324
1934	2,353	9,292	11,645	8,907	7,450	1,457	36,000	31,000	1,258
1935	2,738	19,233	21,971	18,239	16,713	1,526	38,000	41,000	1,627
1936	3,732	11,945	15,677	12,692	10,979	1,713	43,000	35,000	1,402
1937	2,985	21,234	24,219	20,083	18,813	1,270	32,000	58,000	2,314
1938	4,136	26,867//	31,003	14,037	12,801//	1,236	31,000	266,000**	10,623**¶
1939**	16,966//	16,433	33,399		17,000‡		††	38,000	1,500

* An average of about 99 per cent of California fruit brandy is grape brandy.

† Stocks remaining in California special and bonded warehouses, 1890-1918; but only in bonded warehouses, 1933-1939.

‡ Fortification brandy is all from grapes. Col. 5, 1933-1939, quantities of U.S. brandy withdrawn for fortifying wine; 1939 estimate based on July-December, 1939 use of 16,438,320 proof gallons.

¶ Includes annual average exports, thousands of proof gallons, as follows: 1890-1893, 193; 1894-1898, 36; 1899-1903, 31; 1904-1908, 6; 1909-1913, 9; 1914-1918, 70; and 1933-1937, less than 500 proof gallons.

¶ Some California brandy is stored in bonded warehouses in other states, so disappearance from California is not all consumed in years indicated.

// Includes 9,075,913 proof gallons of beverage brandy and 4½ million of high proof brandy produced under the 1938 prorate. ** Preliminary estimates.

†† U.S. tax-paid withdrawals of domestic fruit beverage brandy July-December, 1939 were about the same as for July-December, 1938.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Cols. 1-6: 1890-1918 from Shear, S. W., and Pearce, G. G., Supply and Price Trends in the California Wine-Grape Industry, Part 2, Giannini Foundation mimeo. report no. 34, Table 35, June, 1934. 1933-1939, cols. 1, 2, and 5 from reports of Bureau Internal Revenue, except col. 2, 1939, from Wine Institute, Fourth Wine Industry Statistical Survey, Feb. 13, 1940, and cols. 3, 4, and 6 calculated from cols. 1, 2, and 5.

Cols. 7 and 8: Cols. 6 and 9 divided by 40; rounded to nearest thousand tons.

Col. 9: 1890-1918 are col. 2 minus col. 5, assuming all fortification brandy is used same year produced; 1933-1938 based on reports Bureau Internal Revenue; 1939 from Wine Institute, Fourth Statistical Survey.

University of California, College of Agriculture
Agricultural Experiment Station, Berkeley, January, 1940

DECIDUOUS FRUIT STATISTICS

PEACHES

Table 1

California Peaches: Bearing Acreage, Production, Condition, Yield per Bearing Acre, and Farm Price, 1928-1939

Crop year	Bearing acreage	Total production, harvested and unharvested	October 1 condition of crop	Yield per bearing acre	Farm price per ton
	1	2	3	4	5
	Acres	Tons	Per cent	Tons	Dollars
			Clingstones		
1928	75,512	414,000*	†	5.5	22
1929	72,651	180,000	†	2.5	68
1930	70,071	542,000*	91	7.7	20
1931	69,614	397,000*	67	5.7	16
1932	59,710	340,000*	81	5.7	9
1933	52,483	351,000*	81	6.7	19
1934	51,284	324,000*	75	6.3	27
1935	49,600	288,000	73	5.8	27
1936	41,881	337,000	78	8.0	28
1937	41,598	370,000	85	8.9	39
1938	38,362	313,000*	77	8.2	10
1939 ¢	39,200‡¢	365,000*	82	9.3	20
			Freestones		
1928	58,733	204,000	†	3.5	25
1929	53,181	141,000	†	2.7	42
1930	52,863	254,000*	88	4.8	28
1931	52,830	182,000	71	3.4	21
1932	53,918	207,000*	83	3.8	11
1933	52,849	179,000	77	3.4	23
1934	52,011	171,000	71	3.3	25
1935	49,400	141,000	62	2.9	27
1936	39,451	175,000	78	4.4	27
1937	40,055	188,000	80	4.7	26
1938	39,770	179,000	76	4.5	19
1939 ¢	40,800‡¢	204,000	85	5.0	22

* Includes unharvested tonnage: Clings - 1928, 70,000 tons; 1930, 243,000 tons; 1931, 193,000 tons; 1932, 153,000 tons; 1933, 86,000 tons; 1934, 53,000 tons; 1938, 21,000 tons; 1939, 9,000 tons. Frees - 1930, 12,000 tons; 1932, 8,000 tons.

† Condition for all California peaches in 1928, 87 per cent; 1929, 44 per cent.

‡ Non-bearing acreage 1939: Clings, 14,600; frees, 7,700 acres.

¢ Preliminary

Source of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from California Cooperative Crop Reporting Service.

Table 2

California Production of Clingstone Peaches by Uses, 1910-1939

Crop year	Total	Unharvested or of no value	Harvested	Canned, fresh equivalent*	Consumed fresh	Dried, fresh equivalent
	1	2	3	4	5	6
	Tons					
Averages:						
1910-1914	44,400	0	44,400	44,400	-- †	--
1915-1919	78,400	0	78,400	78,400	--	--
1921-1925	168,200	0	168,200	168,200	--	--
1926-1930	357,000	75,660	281,340	266,480	14,860	--
1931-1935	340,000	97,040	242,960	197,900	23,940	21,120
1935-1939	334,600	6,000	328,600	274,420	18,300	35,880
Annual:						
1920	138,000	0	138,000	138,000	-- †	--
1921	112,000	0	112,000	112,000	--	--
1922	194,000	0	194,000	194,000	--	--
1923	170,000	0	170,000	170,000	--	--
1924	135,000	0	135,000	135,000	--	--
1925	230,000	0	230,000	230,000	--	--
1926	327,000	0	327,000	318,000	9,000	--
1927	322,000	65,000	257,000	230,000	27,000	--
1928	414,000	70,000	344,000	322,000	22,000	--
1929	180,000	0	180,000	174,300	5,700	--
1930	542,000	243,300	298,700	288,100	10,600	--
1931	397,000	193,500	203,500	181,500	13,900	8,100
1932	340,000	153,000	187,000	139,400	44,000	3,600
1933	351,000	85,700	265,300	233,900	19,900	11,500
1934	324,000	53,000	271,000	191,300	31,700	48,000
1935	288,000	0	288,000	243,400	10,200	34,400
1936	337,000	0	337,000	265,000‡	22,000	50,000
1937	370,000	0	370,000	322,700‡	13,300	34,000
1938	313,000	21,000	292,000	241,800‡	24,200	26,000
1939	365,000	9,000	356,000	299,200‡§	21,800§	35,000§

* The conversion factor has varied from 41 to 46 cases per ton fresh fruit.

† Dashes indicate no data available, but the quantity of clingstones shipped fresh before 1926 was small, and only a small quantity was dried in 1930.

‡ Includes peaches in all types of packs -- salad, cocktail, pickled, etc.

§ 1939 data are all preliminary and utilization data are unofficial estimates.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, largely from the California Crop Reports for 1928-1939 and for prior years based upon the canned pack.

Table 3

California Production of Freestone Peaches by Uses, 1910-1939

Crop year	Harvested production*	Dried, fresh weight	Consumed fresh	Canned, fresh equivalent
	1	2	3	4
	Tons			
Averages:				
1910-1914	208,000	146,000	40,400	21,600
1915-1919	251,200	171,200	47,800	32,200
1921-1925	195,800	127,400	40,600	27,800
1926-1930	190,600	126,740	55,420	8,440
1931-1935	174,400	110,640	59,720	4,040
1935-1939	177,400	102,580	59,780	15,040
Annual:				
1920	225,000	143,000	46,000	36,000
1921	198,000	116,000	44,000	38,000
1922	219,000	154,000	34,000	31,000
1923	210,000	143,000	47,000	20,000
1924	192,000	135,000	35,000	22,000
1925	160,000	89,000	43,000	28,000
1926	207,000	155,000	33,000	19,000
1927	159,000	94,800	56,700	7,500
1928	204,000	155,000	45,200	3,800
1929	141,000	85,300	46,600	9,100
1930	242,000*	143,600	95,600	2,800
1931	182,000	113,300	67,000	1,700
1932	199,000*	119,900	78,500	600
1933	179,000	121,400	56,100	1,500
1934	171,000	112,200	50,900	7,900
1935	141,000	86,400	46,100	8,500
1936	175,000	105,200	58,800	11,000
1937	188,000	99,500	64,200	24,300
1938	179,000	100,800	68,800	9,400
1939†	204,000	121,000	61,000	22,000

* Does not include the California Crop Reporting Service estimates of 12,000 tons unharvested in 1930, and 8,000 tons in 1932.

† 1939 data are preliminary; production is official estimate of Dec. 1939. Dried based on trade estimates subject to considerable revision.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, largely from the California Crop Reports 1928-1939; prior years based on interstate rail shipment reports of carriers, canned pack of Canners League of California, and trade estimates of dried pack or reports of the Dried Fruit Association of California. The conversion factor has varied from 40 to 43 cases per ton for canned freestones. A ratio of 5.5 to 1 used in converting dry to fresh equivalent.

Table 4

Dried Peaches, California: Production, Exports and Packers' Quotations on Choice Muirs, 1921-1939

Year beginning July 1	Production			United States exports		Packers' quotations, per pound, choice Muirs*
	Clingstone	Freestone	Total	Quantity	Per cent of dried production	
	1	2	3	4	5	6
	Short tons				per cent	cents
1921		21,000	21,000	3,130	14.9	11.4
1922		28,000	28,000	2,793	10.0	11.8
1923		26,000	26,000	6,487	25.0	7.5
1924		24,500	24,500	2,334	9.5	10.0
1925		16,200	16,200	1,675	10.3	13.8
1926		28,200	28,200	3,484	12.4	12.5
1927		17,000	17,000	3,271	19.2	9.4
1928		28,200	28,200	6,218	22.0	8.4
1929		15,500	15,500	1,923	12.4	14.5
1930		26,100	26,100	4,241	16.2	6.8
1931	900	20,600	21,500	4,245	19.7	6.8
1932	400	21,800	22,200	3,825	17.2	4.7
1933	1,300	22,100	23,400	3,784	16.2	7.7
1934	5,400	20,500	25,900	3,175	12.3	8.7
1935	3,800	15,700	19,500	3,049	15.6	9.0
1936	7,200	19,100	26,300	3,522	13.4	8.7
1937	4,800	18,100	22,900	3,174	13.9	7.3
1938	3,700	18,400	22,100	4,119	18.6	6.9
1939	5,000†	22,000†	27,000†			8.1

* Average of August through December.

† Production for 1939 is trade estimate subject to considerable revision.

Sources of data:

Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Colr. 1-3: Largely from reports of the California Crop Reporting Service and of the Dried Fruit Association of California. 1927 from California Fruit News. Almost no clingstones were dried before 1931 and data are not available.

Col. 4: From the Monthly Summary of Foreign Commerce, net packed weight.

Col. 5: Computed.

Col. 6: Average of packers' f.o.b. California quotations on Choice Dried Muirs in 25-pound boxes as reported weekly in the California Fruit News.

January, 1940

PEACHES

Table 5

Fresh Peaches: United States and California Carlot Shipments and Delivered Eastern Price of California Elbertas, 1924-1939

Year	Carlot shipments				Delivered eastern price California Elbertas, per box
	All states except California, inter and intrastate		California interstate		
	Whole season	During California's heaviest three-week shipping period	Whole season	During California's heaviest three-week shipping period	
	1	2	3	4	5
	Cars				Cents
1924	32,233	9,396	1,838	1,201	95
1925	28,073	4,945	2,937	1,879	105
1926	41,049	14,305	1,620	1,107	101
1927	26,569	3,301	4,551	3,217	117
1928	37,383	15,358	2,637	1,704	86
1929	25,671	7,229	1,861	1,255	101
1930	17,418	2,858	5,739	3,836	93
1931	35,211	12,318	1,940	1,118	83
1932	11,012	3,088	3,288	2,492	65
1933	15,756	3,013	1,945	1,161	79
1934	17,050	4,314	2,037	1,170	83
1935	19,761	2,845	1,042	765	87
1936	17,798	6,863	1,968	1,392	100
1937	13,688	3,421	2,031	1,645	89
1938	17,324	1,593	1,977	1,686	78
1939	13,248*	3,891	2,156	1,733	79†

* Preliminary.

† Prices for 1939 are estimated for the equivalent of the old box which was approximately 10 per cent larger than the short box generally in use in 1939 for the first time.

Sources of data:

Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, largely from mimeographed reports of the United States and of the Federal-State Market News Service.

Col. 5: Representative prices based upon private and auction sales of a large volume of Elbertas marketed by private and cooperative marketing organizations. Preliminary estimate subject to slight revision.

Table 6

Pack, Carryover, Shipments, Exports, and Prices of California Canned Peaches, 1921-1939

Year beginning June 1	Pack	Carryover from previous year	Available for shipment	Carryover into following year	Shipments	Exports	Domestic shipments	Prices canners received per case	Usual grower price per ton, No. 1 canning clings
	1	2	3	4	5	6	7	8	9
	Thousands of cases*, i.e., 000 omitted							Dollars	
1921	5,633	920	6,553	326	6,227	1,108	5,119	4.13	35.00
1922	8,784	326	9,110	2,109	7,001	1,214	5,787	4.25	60.00
1923	7,158	2,109	9,267	1,575	7,692	1,147	6,545	3.67	30.00
1924	6,141	1,575	7,716	798	6,918	1,281	5,637	4.21	45.00
1925	10,143	798	10,941	574	10,367	1,856	8,511	3.78	35.00
1926	14,059	574	14,633	3,906	10,727	1,681	9,046	3.66	40.00
1927	10,813	3,906	14,719	1,516	13,203	2,040	11,163	3.17	22.50
1928	14,596	1,516	16,112	3,149	12,963	2,163	10,800	3.21	20.00
1929	8,100	3,149	11,249	1,677	9,572	1,727	7,845	4.08	80.00
1930	13,294	1,677	14,971	3,951	11,020	1,618	9,402	2.88	20.00
1931	8,421	3,951	12,372	4,845	7,527	1,469	6,058	2.55	14.50
1932	6,438	4,845	11,283	1,361	9,922	1,733	8,189	1.97	6.50
1933	10,309	1,361	11,670	2,390	9,280	1,799	7,481	2.31	20.00
1934	8,598	2,390	10,988	1,856	9,132	1,126	8,006	2.69	30.00
1935	11,216	1,856	13,072	2,042	11,030	2,307	8,723	2.51	30.00
1936	10,711†	2,042	12,753	1,567	11,186	1,309	9,877	2.66	30.00
1937	13,248†	1,567	14,815	6,012	8,803	1,271	7,532	2.96	43.00
1938	9,822†	6,012	15,834	3,006	12,828	2,160	10,668	2.30‡	7.50
1939	11,462†	3,006	14,468						20.00

* Equivalent cases of 24 No. 2½ cans. Includes both freestones and clingstones.

† Excludes 115,619 cases of pickled clings in 1936, 111,280 in 1937, 24,944 in 1938, and 195,681 in 1939.

‡ Preliminary estimate.

Sources of data: Compiled by Giannini Foundation of Agricultural Economics, University of California.

Cols. 1, 2, & 3: Based upon mimeographed releases of Canners League of California. Cols. 3, 5, & 7: Calculated.

Col. 6: Compiled from Monthly Summary of Foreign Commerce of the United States, converted at 45 pounds per case of 24 No. 2½ cans.

Col. 8: Weighted average prices for all grades and sizes of cans reported by canners to Canners League and compiled by H.R. Wellman. Regular brokerage, cash discount, swell, and label allowance are included. Special and trade discounts and prepaid items such as freight excluded. Deduction of 20 cents a case from prices reported by canners packing nationally advertised brands, placed prices on an approximate unadvertised basis. Col. 9: The usual or "going" price generally paid growers by canners for No. 1 canning clingstones, making no allowance for term contracts or sales of lower grades or sales for other uses than canning. See table 1,col.5 for estimated grower returns for all grades and uses.

[illegible]

PEACHES

Table 7

Pack, Carryover and Movement of California Canned Peaches, 1930-1939

Years beginning June 1	Supply June 1	Pack	Carryover, unshipped (i.e. sold and unsold)			Movement			
						June-December			
			June 1 of year indicated	December 31	June 1 of following year	Per cent of season's total	Quantity	January-May	Season's total June-May
	1	2	3	4	5	6	7	8	9
	Thousands of cases*					Per cent	Thousands of cases*		
1930	14,978	13,294	1,684	7,921†	3,951	64	7,057†	3,970†	11,027
1931	12,372	8,421	3,951	7,151	4,845	69	5,221	2,306	7,527
1932	11,282	6,437	4,845	4,503	1,361	68	6,779	3,142	9,921
1933	11,670	10,309	1,361	4,305	2,390	79	7,365	1,915	9,280
1934	10,989	8,598	2,391	3,826	1,856	78	7,163	1,970	9,133
1935	13,072	11,216	1,856	6,699	2,042	58	6,373	4,657	11,030
1936	12,753‡	10,711†	2,042	5,051	1,567	69	7,702	3,484	11,186
1937	14,815‡	13,248†	1,567	8,315	6,012	74	6,500	2,303	8,803
1938	15,634‡	9,822†	6,012	7,457	3,006	65	8,377	4,451	12,828
1939	14,468‡	11,462†	3,006	6,441			8,027		

* Equivalent cases of 24 No. 2½ cans, including both clingstones and freestones.

† Estimated by assuming 64 per cent of total shipments in column 8 were shipped from June to December, as 64 per cent of the total clingstone shipments were known to have been shipped from June 1 to December 31 and data on freestone shipments for these months not available.

‡ Excludes pickled clingstone peaches as follows: 1936, 115,619 cases; 1937, 111,280 cases; 1938, 24,944 cases; and 1939, 195,681 cases.

Source of data:

Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, largely on the basis of data from mimeographed releases of the Canners League of California.

January, 1940

PEACHES

Table 8

United States Total* Production of Peaches, 1921-1939

Crop year	United States, total	Other states*	California		
			Total	Freestones	Clingstones
	Short tons				
Averages:					
1924-1928	1,309,000	839,000	470,000	184,000	286,000
1929-1933	1,276,000	721,000	555,000	193,000	362,000
1934-1938	1,255,000	758,000	497,000	171,000	326,000
Annual:					
1921	788,000	478,000	310,000	198,000	112,000
1922	1,378,000	965,000	413,000	219,000	194,000
1923	1,075,000	695,000	380,000	210,000	170,000
1924	1,242,000	915,000	327,000	192,000	135,000
1925	1,092,000	702,000	390,000	160,000	230,000
1926	1,591,000	1,057,000	534,000	207,000	327,000
1927	1,036,000	555,000	481,000	159,000	322,000
1928	1,585,000	967,000	618,000	204,000	414,000
1929	1,074,000	753,000	321,000	141,000	180,000
1930	1,328,000	532,000	796,000	254,000	542,000
1931	1,849,000	1,270,000	579,000	182,000	397,000
1932	1,039,000	492,000	547,000	207,000	340,000
1933	1,087,000	557,000	530,000	179,000	351,000
1934	1,144,000	649,000	495,000	171,000	324,000
1935	1,313,000	884,000	429,000	141,000	288,000
1936	1,140,000	628,000	512,000	175,000	337,000
1937	1,433,000	875,000	558,000	188,000	370,000
1938	1,247,000	755,000	492,000	179,000	313,000
1939 †	1,482,000	913,000	569,000	204,000	365,000

* Includes unharvested production; besides California unharvested production shown in tables 2 and 3, there are quantities unharvested in other states as follows: 1926, 34,000 tons; 1928, 25,000 tons; 1931, 10,000 tons; and 1932, 2,000 tons. A large majority of the peach crop of states other than California is freestones. Almost all the harvested production of peaches in states other than California is shipped fresh as practically no peaches are dried commercially in other states and a maximum of only about 6,000 tons have been canned in "other states" in any one recent year.

† Preliminary estimates.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from latest official reports of the United States and California Crop Reporting Service. Data converted from bushels at 48 pounds per bushel.

University of California, College of Agriculture
Agricultural Experiment Station, Berkeley, January, 1940

DECIDUOUS FRUIT STATISTICS

PEARS

Table 1

Bearing Acreage, Production, Condition, and Yield per Bearing Acre of California Pears, 1919-1939

Year harvested	Bearing acreage			Production		
	Total	Bartletts*	Other* varieties	Total	Crop condition November 1	Yield per bearing acre
	1	2	3	4	5	6
	Acres	Acres	Acres	1,000 tons	Per cent	Tons
1919	23,100	--	--	111	98	4.8
1920	29,400	--	--	105	85	3.6
1921	31,400	--	--	89	63	2.8
1922	37,700	--	--	150	96	4.0
1923	41,000	--	--	136	90	3.3
1924	43,100	--	--	133	73	3.1
1925	46,800	--	--	181	85	3.9
1926	52,000	--	--	204	90	3.9
1927	57,600	51,700	5,900	181 †	69	3.1
1928	60,700	54,100	6,600	226 †	86	3.7
1929	65,600	57,300	8,300	190	68	2.9
1930	65,300	56,500	8,800	273 †	84	4.2
1931	66,400	57,200	9,200	217 †	67	3.3
1932	69,600	59,900	9,700	244 †	70	3.5
1933	70,500	60,500	10,000	221 †	65	3.1
1934	69,000	59,000	10,000	233 †	68	3.4
1935	61,000	52,600	8,400	163	49	2.7
1936	53,800	45,500	8,300	240	70	4.5
1937	53,800	45,500	8,300	224	71	4.2
1938	52,800	44,500	8,300	282 †	83	5.3
1939 ‡	51,400 §	43,100 §	8,300 §	248 †	74	4.8

* Pear acreage by variety classes not available before 1927.

† Includes the California Crop Reporting Service estimates of unharvested tonnage of: 2,000 in 1927 and 1928; 31,000 in 1930; 15,000 in 1931; 64,000 in 1932; 40,000 in 1933; 9,000 in 1934; 12,000 in 1937; 22,000 in 1938; and 8,000 in 1939.

‡ Preliminary.

§ Bartlett non-bearing acreage in 1939 was 2,600 acres and of other varieties 800 acres, a total of 3,400 acres.

Source of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from United States and California Crop Reports, except col. 6 is calculated.

January, 1940

PEARS

Table 2

Production and Utilization of California Bartlett Pear Crops, 1919-1939

Crop year	Production			Canned	Dried, fresh weight	Used fresh	
	Total	Un-harvested	Harvested			Shipped fresh out of state	Used fresh within state
	1	2	3	4	5	6	7
	Tons						
Averages:							
1919-1924	111,000	0	111,000	32,400	17,000	54,700	6,900
1925-1929	176,900	800	176,100	55,000	23,100	85,800	12,200
1930-1934	210,600	28,800	181,800	51,000	28,800	80,400	21,600
1935-1939	202,200	7,000	195,200	68,500	34,200	71,000	21,500
Annual:							
1919	104,600	0	104,600	28,200	24,800	45,000	6,600
1920	99,000	0	99,000	31,200	14,900	47,000	5,900
1921	83,600	0	83,600	23,000	6,600	47,600	6,400
1922	137,500	0	137,500	45,000	27,500	57,800	7,200
1923	122,600	0	122,600	30,000	11,000	74,500	7,100
1924	119,000	0	119,000	37,000	17,300	56,400	8,300
1925	163,600	0	163,600	58,000	19,300	76,900	9,400
1926	185,600	0	185,600	51,000	23,400	101,300	9,900
1927	161,200	2,000	159,200	49,000	19,000	79,200	12,000
1928	203,000	2,000	201,000	61,500	30,600	93,600	15,300
1929	171,000	0	171,000	55,300	23,100	78,100	14,500
1930	241,000	30,000	211,000	49,300	24,800	116,100	20,800
1931	195,000	15,000	180,000	47,600	24,000	87,500	20,900
1932	217,000	60,000	157,000	37,300	30,000	67,200	22,500
1933	193,000	33,000	160,000	50,700	38,300	52,100	18,900
1934	207,000	6,000	201,000	70,100	27,100	79,100	24,700
1935	146,000	0	146,000	36,000	33,600	54,200	22,200
1936	214,000	0	214,000	74,500	44,400	72,100	23,000
1937	202,000	10,000	192,000	76,100	19,200	78,800	17,900
1938	234,000	20,000	214,000	70,500	35,400	82,900	25,200
1939 *	215,000	5,000	210,000	85,600	38,500	66,900	19,000

* Data for 1939 are preliminary and utilization figures are unofficial estimates.

Sources of data:

Compiled by S.W. Shear, Giannini Foundation of Agricultural Economics, University of California, largely from data of the United States and California Crop Reporting Services.

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[illegible]

January, 1940

PEARS

Table 2a

California Production and Utilization* of Pears Other than Bartletts and Fresh Use of All Pears, 1919-1939

Crop year	Other than Bartletts					All varieties, used fresh	
	Production			Used fresh			
	Total	Un-harvested	Harvested*	Shipped fresh out of state	Used fresh within state	Shipped fresh out of state	Used fresh within state
	1	2	3	4	5	6	7
	Tons						
Averages:							
1919-1924	9,600	0	9,600	9,100	500	63,800	7,400
1925-1929	19,500	0	19,500	18,100	1,400	103,900	13,600
1930-1934	27,000	3,000	24,000	21,100	2,900	101,500	24,500
1935-1939	29,200	1,400	27,800 *	24,000	3,500	95,000	25,000
Annual:							
1919	6,400	0	6,400	6,000	400	51,000	7,000
1920	6,000	0	6,000	5,700	300	52,700	6,200
1921	5,400	0	5,400	5,000	400	52,600	6,800
1922	12,500	0	12,500	12,000	500	69,800	7,700
1923	13,400	0	13,400	12,800	600	87,300	7,700
1924	14,000	0	14,000	13,200	800	69,600	9,100
1925	17,400	0	17,400	16,500	900	93,400	10,300
1926	18,400	0	18,400	17,400	1,000	118,700	10,900
1927	19,800	0	19,800	18,600	1,200	97,800	13,200
1928	23,000	0	23,000	21,600	1,400	115,200	16,700
1929	19,000	0	19,000	16,700	2,300	94,800	16,800
1930	32,000	1,000	31,000	27,600	3,400	143,700	24,200
1931	22,000	0	22,000	19,100	2,900	106,600	23,800
1932	27,000	4,000	23,000	20,200	2,800	87,400	25,300
1933	28,000	7,000	21,000	18,800	2,200	70,900	21,100
1934	26,000	3,000	23,000	19,900	3,100	99,000	27,800
1935	17,000	0	17,000*	14,000	2,600	68,200	24,800
1936	26,000	0	26,000*	21,900	3,400	94,000	26,400
1937	22,000	2,000	20,000*	16,300	3,200	95,100	21,100
1938	48,000	2,000	46,000	41,700	4,300	124,600	29,500
1939†	33,000	3,000	30,000	26,000	4,000	92,900	23,000

* Besides pears used fresh includes 200 fresh tons dried in 1936 and quantities canned in 1935, 400 tons, in 1936, 500 tons, and in 1937, 500 tons.

† Data for 1939 are preliminary and utilization figures are unofficial estimates.

Sources of data:

Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, largely from data of the United States and California Crop Reporting Services.

PEARS

Table 3

Pacific Coast Bartlett Pear Production,* 1925-1939

Year	Pacific Coast	California †	Pacific Northwest		
			Total	Oregon	Washington
	1	2	3	4	5
	Tons				
1925	241,630	163,600	78,030	25,580	52,450
1926	291,030	185,600	105,430	28,380	77,050
1927	221,950*	161,200*	60,750	21,250	39,500
1928	308,930*	203,000*	105,930	37,850	68,080
1929	271,680	171,000	100,680	33,500	67,180
1930	363,420*	241,000*	122,420	36,220	86,200
1931	292,680*	195,000*	97,680	30,000	67,680
1932	326,260*	217,000*	109,260*	33,080	76,180*
1933	313,300*	193,000*	120,300	29,450	90,850
1934	325,980*	207,000*	118,980	32,080	86,900
1935	275,450	146,000	129,450	36,250	93,200
1936	356,000	214,000	142,000	42,000	100,000
1937	323,370*	202,000*	121,370*	27,950*	93,420*
1938	378,420*	234,000*	144,420*	35,920*	108,500*
1939 ‡	343,770*	215,000*	128,770	36,270	92,500

* Includes the following tonnages not harvested: California, 1927, 2,000; 1928, 2,000; 1930, 30,000; 1931, 15,000; 1932, 60,000; 1933, 33,000; 1934, 6,000; 1937, 10,000; 1938, 20,000; and 1939, 5,000. Washington, 1932, 5,000; 1937, 2,100; 1938, 30,200; Oregon, 1937, 1,200; 1938, 5,750.

† Average production of Bartlett pears in California in 1919-1924 was 111,050 tons; see source below for annual data. Estimates of Bartlett production in the Northwest not available for years before 1925.

‡ Preliminary.

Source of data:

Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from U. S. D. A. Crop Reporting Board. General Crop Report, December 1939, pp. 41 and 84, December 19, 1939. Mimeo. Washington, D.C. Oregon and Washington data converted to tons at 50 pounds per bushel and California on the basis of 48 pounds per bushel.

PEARS

Table 4

Pacific Coast Production* of Pears Other Than Bartletts, 1925-1939

Year	Pacific Coast	California †	Pacific Northwest		
			Total	Oregon	Washington
	1	2	3	4	5
	Tons				
1925	44,230	17,400	26,830	17,180	9,650
1926	66,970	18,400	48,570	35,620	12,950
1927	65,700	19,800	45,900	35,000	10,900
1928	85,970	23,000	62,970	38,650	24,320
1929	73,130	19,000	54,130	38,250	15,880
1930	112,080*	32,000*	80,080	48,780	31,300
1931	70,180	22,000	48,180	20,000	28,180
1932	92,640*	27,000*	65,640*	40,520*	25,120*
1933	95,020*	28,000*	67,020*	41,020*	26,000*
1934	85,880*	26,000*	59,880	33,580	26,300
1935	101,920	17,000	84,920	48,120	36,800
1936	113,000	26,000	87,000	52,000	35,000
1937	129,380*	22,000*	107,380*	60,800*	46,580*
1938	172,300*	48,000*	124,300*	70,300*	54,000*
1939 ‡	154,430*	33,000*	121,430	69,450	51,980

* Includes the following tonnages not harvested: California, 1930, 1,000; 1932, 4,000; 1933, 7,000; 1934, 3,000; 1937, 2,000; 1938, 2,000; 1939, 3,000; Oregon, 1932, 8,750; 1933, 7,000; 1937, 1,750; 1938, 7,720; Washington, 1932, 10,000; 1933, 12,500; 1937, 2,180; 1938, 8,000.

† Average production of pears other than Bartletts in California in 1919-1924 was 9,620 tons; see source below for annual data. Estimates not available for the Northwest before 1925.

‡ Preliminary.

Source of data:

Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from U. S. D. A., Crop Reporting Board, General Crop Report: December 1939, pp. 41 and 84. December 19, 1939. (Mimeo.) Washington, D. C. Oregon and Washington data converted to tons at 50 pounds per bushel and California on the basis of 48 pounds per bushel.

PEARS

Table 5

Pacific Coast Pear Production and Utilization, 1919-1939

Year harvested	Harvested* production, all varieties				Utilization, Pacific Coast				
		Pacific Coast			Canned†			Dried, California‡ fresh equivalent	Other uses, mostly fresh
	United States	Total Pacific	California	Oregon and Washington	Total Pacific	California	Oregon and Washington		
	1	2	3	4	5	6	7	8	9
	Thousands of short tons, fresh weight								
1919	368	173	111	62	38	28	10	25	110
1920	431	166	105	61	41	31	10	15	110
1921	285	161	89	72	33	23	10	7	121
1922	506	240	150	90	66	45	21	28	146
1923	427	242	136	106	46	30	16	11	185
1924	463	218	133	85	56	37	19	17	145
1925	498	286	181	105	90	58	32	19	177
1926	613	358	204	154	85	51	34	23	250
1927	449*	286*	179*	107	69	49	20	19	198
1928	589*	393*	224*	169	112	62	50	31	250
1929	532	345	190	155	117	55	62	23	205
1930	633*	444*	242*	202	114	49	65	25	305
1931	602*	348*	202*	146	101	48	53	24	223
1932	508*	331*	180*	151*	84	37	47	30	217
1933	519*	349*	181*	168*	123	51	72	38	188
1934	667*	403*	224*	179	155	70	85	27	221
1935	626	377	163	214	127	36	91	34	216
1936	669	469	240	229	161	75	86	45	263
1937	710ø	434*	212*	222*	161	77	84	19	254
1938	721*	477*	260*	217*	139	71	68	35	303
1939¶	754*	490*	240*	250	170	86	84	38	282

* Excludes unharvested production.

† Pacific Coast canned pears are all Bartletts except in California which canned other varieties as follows: 1935, 400 tons; 1936, 500 tons; and 1937, 500 tons.

‡ Practically no United States pears are dried commercially outside of California. California dried pears are all Bartletts except 200 tons of other varieties dried in 1936.

ø Includes unknown amounts of unharvested production in Ohio, Illinois, and Florida in 1937.

¶ Production data for 1939 are preliminary official estimates and utilization data are unofficial estimates.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Data largely from United States, California, and Oregon Crop Reports, and supplemented by canned pack statistics. Cases converted at 38 cases per ton.

January, 1940

PEARS

Table 6

United States Exports and California and Pacific Northwest Shipments of Fresh Pears, 1921-1939

Year harvested	United States fresh exports			California interstate shipments			Oregon, Washington & Idaho shipments	
	Total, years beginning July 1	July and Aug.*	10 months beginning Sept. 1	Total, June 1 to Dec. 31	June, July, and Aug.*	4 months beginning Sept. 1	Season's total	Season through Aug. 31
	1	2	3	4	5	6	7	8
	Tons			Cars				
1921	11,650	--	--	4,291	3,557	734	3,900	1,792
1922	18,392	4,745	13,647	5,751	4,240	1,511	4,560	1,341
1923	25,119	6,730	18,389	7,020	6,144	876	6,869	2,402
1924	20,726	5,663	15,063	5,804	4,946	858	3,965	1,612
1925	35,603	8,010	27,593	7,767	6,488	1,279	5,794	1,855
1926	36,939	10,022	26,917	9,826	8,602	1,224	8,208	3,522
1927	25,528	6,804	18,724	8,053	6,287	1,766	5,570	1,080
1928	41,424	11,291	30,133	9,456	7,528	1,928	10,336	3,223
1929	31,012	6,786	24,226	7,624	5,302	2,322	8,275	1,434
1930	67,335	14,011	53,324	10,979	8,483	2,496	11,319	2,561
1931	45,351	16,760	28,591	7,634†	6,787	839	7,482	2,297
1932	59,993	13,993	46,000	5,923†	5,086	832	7,327	1,347
1933	55,503	7,593	47,910	4,497	2,941	1,556	7,187	757
1934	50,161	16,058	34,103	5,484	4,736	748	7,200	3,094
1935	62,072	9,367	52,705	3,825	2,932	893	9,271	1,395
1936	65,645	16,528	49,117	4,939	3,972	967	9,497	2,032
1937	67,374	13,568	53,806	5,337	3,965	1,372	9,783	932
1938	85,486	19,719	65,767	5,696	4,086	1,610	9,193	1,006
1939		14,257		4,274	3,145	1,129	7,459‡	1,899

* Exports in June, July, and August are nearly all California Bartletts and Hardys, and California interstate shipments in these months are very largely Bartletts.

† The total includes pears originating north of Roseville of 8 cars in 1931 and 5 cars in 1932 which are not included in cols. 5 and 6 for these years.

‡ Northwest shipment through December 30, 1939.

Sources of data:

Compiled by S.W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Cols. 1-3: From Monthly Summary of Foreign Commerce.

Cols. 4-8: From reports of Federal-State Market News Service.

Table 7

Prices of California Pears, 1921-1939

Year	All pears farm price per ton †	Bartletts only: Dried packers' quotations choice northern per pound	Bartletts only: Fresh interstate shipments: Delivered auction per box	Bartletts only: Fresh interstate shipments: Calculated f.o.b.* per box	Bartletts only: Canning prices paid growers per ton	Bartletts only: Canned prices received by coast canners per case
	1	2	3	4	5	6
	Dollars	Cents	Dollars	Dollars	Dollars	Dollars
1921	62	15.4	3.50	2.06	65	5.34
1922	50	13.1	2.75	1.49	70	5.21
1923	50	8.2	3.00	1.72	35	4.67
1924	66	17.3	3.85	2.51	55	5.40
1925	52	14.9	2.75	1.49	70	5.44
1926	35	9.1	2.65	1.40	37	4.31
1927	54	10.4	3.32	2.02	44	4.60
1928	37	10.0	2.86	1.66	40	4.13
1929	69	15.1	3.60	2.35	80	4.82
1930	23	7.1	2.31	1.10	30	3.53
1931	24	6.6	2.60	1.36	20	2.82
1932	12	5.7	1.93	0.72	14	2.48
1933	21	6.8	2.30	1.09	17	2.64
1934	32	7.6	2.52	1.40	35	3.05
1935	28	7.7	2.35	1.24	32	2.92
1936	27	7.3	2.32	1.21	26	2.92
1937	28	5.9	2.45	1.34	25	3.07
1938	14	6.4	1.93	0.82	13	2.77 ‡
1939	25 ‡	7.3	2.52	1.41	27 ‡	

* Eastern delivered-auction prices less freight and refrigeration charges and a commission of 7 per cent.

† Published farm price of the California Crop Reporting Service for California Bartletts and "other" pears separately for 1935-1939 are as follows: Bartletts -- 1935, $28; 1936, $27; 1937, $28; 1938, $14; 1939, $28. Other than Bartletts -- 1935, $29; 1936, $27; 1937, $29; 1938, $11; 1939, $5.

‡ Preliminary estimates subject to revision.

Sources of data:

Compiled by S.W.Shear, Giannini Foundation of Agricultural Economics, University of California.

Col. 1: Estimates of the California Cooperative Crop Reporting Service.

Col. 2: California Fruit News quotations (through December).

Cols. 3 and 4: Based on daily sales in eastern auction markets.

Col. 5: Based upon data of the California Pear Growers Association and data secured informally from canners.

Col. 6. From table 8.

[illegible]

January, 1940

PEARS

Table 8

Pacific Coast Canned Pear Pack, Carryover, Shipments and Exports, 1921-1939

Year beginning June 1	Pack	June 1 carryover from previous year	Available for shipment	Carryover into following year	Shipments	United States exports	Domestic shipments	Percentage of shipments exported	F.o.b. prices received by canners per case*
	1	2	3	4	5	6	7	8	9
	1,000 cases†							Per cent	Dollars
1921	1,216	206	1,422	50	1,372	807	565	59	5.34
1922	2,450	50	2,500	408	2,092	1,064	1,028	51	5.21
1923	1,739	408	2,147	142	2,005	894	1,111	45	4.67
1924	2,108	142	2,250	51	2,199	1,196	1,003	54	5.40
1925	3,477	51	3,528	514	3,014	1,680	1,334	56	5.44
1926	3,266	514	3,780	402	3,378	1,409	1,969	42	4.31
1927	2,648	402	3,050	167	2,883	1,236	1,647	43	4.60
1928	4,124	167	4,291	293	3,998	1,821	2,177	46	4.13
1929	4,221	293	4,514	934	3,580	1,163	2,417	32	4.82
1930	4,175	934	5,109	893	4,216	1,595	2,621	38	2.53
1931	3,652	893	4,545	873	3,672	1,668	2,004	45	2.82
1932	3,088	873	3,961	429	3,532	1,358	2,174	38	2.48
1933	4,377	429	4,806	273	4,533	1,766	2,767	39	2.64
1934	5,536	273	5,809	1,291	4,518	1,503	3,015	33	3.05
1935	4,270	1,291	5,561	957	4,604	1,894	2,710	41	2.92
1936	5,355	957	6,312	830	5,482	1,465	4,017	27	2.92
1937	4,321	830	5,151	1,300	3,851	1,340	2,511	35	3.07
1938	4,090	1,300	5,390	500‡	4,890‡	1,726	3,164‡	35	2.77‡
1939	3,300‡	500‡	3,800‡						

* Weighted average prices for sales of all grades and sizes of cans as reported by Pacific Coast canners. Regular brokerage, cash discount, swell allowance, and label allowance are included. Special or other trade discounts and prepaid items, such as prepaid freight, are not included. Data placed on approximate unadvertised basis, by deducting 20 cents per case from prices reported by canners packing nationally advertised brands.

† Equivalent cases of 24 No. $2\frac{1}{2}$ cans.

‡ Estimate subject to revision.

Source of data:

Compiled by Giannini Foundation of Agricultural Economics, University of California, from records of the canners made available by their cooperation through the Canners League of California and the Northwest Canners Association.

[illegible]

Table 9

Dried Pears: California Exports*, Production and Packers' F.o.b. Quotations on Choice Northerns, 1921-1939

Crop year	California production	United States exports*	Per cent of production exported †	Packers' quotations, Choice Northerns
	1	2	3	4
	Tons, dry weight		Per cent	Cents per pound
1921	1,200	--‡	--‡	15.4
1922	5,000	--	--	13.1
1923	2,000	2,000	100.0†	8.2
1924	3,200	1,400	43.8	17.3
1925	3,500	2,500	71.4	14.9
1926	4,300	2,800	65.1	9.1
1927	3,500	2,600	74.3	10.4
1928	5,600	4,700	83.9	10.0
1929	4,200	3,000	71.4	15.1
1930	4,500	5,173	115.0†	7.1
1931	4,400	4,308	97.9	6.6
1932	5,500	4,445	80.8	5.7
1933	7,000	5,172	73.9	6.8
1934	4,900	3,907	79.7	7.6
1935	6,100	4,893	80.2	7.7
1936	8,100	4,426	54.6	7.3
1937	3,500	4,248	121.4†	5.9
1938	6,500	5,845	89.9	6.4
1939	7,000ϕ			7.3

* Includes exports of dried pears in dried fruit salad or compote estimated as one sixth of the quantity of dried fruit compote exported. California produces practically all the United States production and exports of dried pears.

† The excess of exports over production in a few years is probably due to carryover from the preceding crop.

‡ Dashes indicate data not available.

ϕ Preliminary estimate.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Col. 1: Largely based upon packers' receipts as reported by the Dried Fruit Association of California. 1929-1938 from California Crop Reports of June. Converted from fresh to dry weight at 5.5 to 1.

Col. 2: Sum of exports of dried pears and 1/6 of exports of dried fruit salad, years beginning September 1. 1923-1929 estimates by S. W. Shear based largely on inspections by the Dried Fruit Association of California of dried pears and of dried fruit salad for foreign export. 1930-1938 from U. S. Dept. Com. Bur. For. and Dom. Com., Monthly Summary of Foreign Commerce.

Col. 4: Average of weekly quotations in California Fruit News for seasons through December.

University of California, College of Agriculture
Agricultural Experiment Station, Berkeley, January 1940

DECIDUOUS FRUIT STATISTICS

PLUMS

Table 1

California Plums: Bearing Acreage, Production, Condition, Yield per Bearing Acre, and Farm Price, 1919-1939

Crop year	Bearing acreage	Total production, harvested and unharvested	September 1 condition of crop	Yield per bearing acre	Farm price per ton
	1	2	3	4	5
	Acres	Tons	Per cent	Tons	Dollars
1919	17,250	42,000	90	2.4	60
1920	17,300	35,000	75	2.0	90
1921	19,715	42,000	69	2.1	53
1922	22,434	48,000	82	2.1	50
1923	23,800	69,000	100	2.9	30
1924	25,398	39,000	60	1.5	45
1925	28,268	51,000	65	1.8	40
1926	30,081	71,000	87	2.4	25
1927	33,004	57,000	64	1.7	45
1928	33,578	66,000	80	2.0	37
1929	32,584	40,000	45	1.2	90
1930	31,882	82,000	87	2.6	35
1931	31,572	65,000*	74	2.1	24
1932	32,119	68,000*	77	2.1	17
1933	31,172 †	57,000*	68	1.8	24
1934	31,358 †	62,000	73	2.0	33
1935	26,900 †	48,000	53	1.8	37
1936	24,943 †	64,000	73	2.6	30
1937	25,720 †	66,000	64	2.6	42
1938	26,032 †	63,000	68	2.4	28
1939 ‡	26,000 †	69,000*	70	2.7	32

* Includes estimated unharvested production of 7,000 tons, 1931; 10,000 tons, 1932; 7,000 tons, 1933; and 8,000 tons in 1939.

† Nonbearing acreage is reported as follows: 1933, 3,073 acres; 1934, 2,351 acres; 1935, 2,930 acres; 1936, 3,023 acres; 1937, 2,332 acres; 1938, 1,997 acres; 1939, 1,700 acres.

‡ Preliminary estimates.

Source of data:

Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, largely from Reports of the California Cooperative Crop Reporting Service except col. 4 calculated by dividing col. 2 by col. 1.

Table 2

California Interstate Shipments of Fresh Plums and Prices of Important Varieties, 1922-1939

Crop year	Interstate shipments	New York auction price per crate						Calculated f.o.b. price of 11 varieties
		Santa Rosa	President	Beauty	Wickson	Tragedy	Average of 11 varieties	
	1	2	3	4	5	6	7	8
	Cars	Dollars						
1922	3,498	1.55	2.19	1.69	1.51	1.75	1.65	0.98
1923	5,247	1.39	2.07	1.76	1.52	1.32	1.40	0.75
1924	2,882	2.06	2.63	2.21	2.23	2.14	2.06	1.36
1925	3,693	1.60	1.79	1.75	2.15	1.69	1.79	1.11
1926	5,215	1.30	1.79	1.60	1.42	1.50	1.45	0.79
1927	4,085	1.60	2.04	1.81	2.30	1.79	1.81	1.13
1928	4,645	1.53	2.34	2.02	1.74	1.65	1.68	1.04
1929	2,691	2.32	2.18	2.23	2.91	2.86	2.36	1.67
1930	5,889	1.67	1.49	2.13	1.71	1.30	1.51	0.88
1931	3,968	1.17	1.75	1.49	1.67	1.50	1.40	0.75
1932	3,894	1.17	1.60	1.15	1.33	1.39	1.25	0.61
1933	3,362	1.36	1.54	1.57	1.22	1.16	1.34	0.70
1934	3,949	1.36	1.55	1.42	1.41	1.38	1.38	0.80
1935	2,810	2.04	1.90	1.60	1.60	1.43	1.60	1.00
1936	3,969	1.29	1.50	1.28	1.35	1.50	1.34	0.76
1937	3,590	1.92	1.72	1.73	1.66	2.07	1.74	1.13
1938	3,565	1.66	1.27	1.34	1.23	1.27	1.35	0.74
1939	3,673	1.64	1.86	1.41	1.28	1.59	1.54	0.92

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.
Col. 1: Largely from annual statements on Interstate Shipments of California Deciduous Tree Fruits, by W. F. Cox and others, Federal-State Market News Service, San Francisco.
Cols. 2-7: Weighted average of delivered auction sales compiled from the New York Daily Fruit Reporter.
Col. 8: Col. 7 minus freight, refrigeration, and 7 per cent sales commission.

PLUMS

Table 3

Harvested Production and Canned Pack of California and Pacific Northwest Plums and Fresh Prunes, 1919-1939

Crop year	California			Pacific Northwest (Oregon, Washington, Idaho*)		
	Harvested production	Canned: Per cent of production	Canned: Quantity	Harvested production	Canned*†: Per cent of production	Canned*†: Quantity
	1	2	3	4	5	6
	tons	per cent	tons	tons	per cent	tons
1919	42,000	9.6	4,048	29,400	7.8	2,300
1920	35,000	7.0	2,444	27,200	6.2	1,700
1921	42,000	4.9	2,063	42,900	4.0	1,700
1922	48,000	5.6	2,698	31,800	13.2	4,200
1923	69,000	3.4	2,365	58,100	7.1	4,100
1924	39,000	3.4	1,349	28,000	7.5	2,100
1925	51,000	5.2	2,667	33,500	13.4	4,500
1926	71,000	4.8	3,397	51,900	14.5	7,500
1927	57,000	3.7	2,095	52,300	13.2	6,900
1928	66,000	3.9	2,587	66,200	15.1	10,000
1929	40,000	4.6	1,841	86,000	18.7	16,100
1930	82,000	3.5	2,907	70,700	18.8	13,300
1931	58,000	2.5	1,441	57,200	24.0	13,700
1932	58,000	1.9	1,096	57,700	17.7	10,200
1933	50,000	3.5	1,746	52,500	28.4	14,900
1934	62,000	2.8	1,732	67,900	27.7	18,800
1935	48,000	4.1	1,964	77,300	36.2	28,000
1936	64,000	1.9	1,229	77,200	40.2	31,000
1937	66,000	4.3	2,853	65,400	43.7	28,600
1938	63,000	1.4	887	63,800	24.0	15,300
1939‡	61,000	2.2	1,351	66,400	36.5	31,500

* The very small quantity canned in Idaho omitted from the canned tonnage given as at most only a few hundred tons have ever been canned.

† Includes small quantities for cold packing.

‡ Preliminary estimates.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Col. 1: 1919-1936 from U. S. Dept. Agr. Bur. Agr. Econ., Revised Production of Plums and Prunes, 1919-1936 mimeo. July 30, 1937. 1937-1939 from U. S. Crop Reports.

Col. 3: Based on reports of the Canners League of California. Equivalent cases of 24 No. 2½ cans converted to tons at 63 cases per ton.

Cols. 4 and 6: U. S. Dept. Agr. Crop Reporting Board, U. S. General Crop Report. Doc. 1939, pp. 40 and 85. Mimeo. Washington, D.C.

University of California, College of Agriculture
Agricultural Experiment Station, Berkeley, January, 1940

DECIDUOUS FRUIT STATISTICS

PRUNES

Table 1

Bearing Acreage, Production, Condition, Yield, and Farm Value of California Prunes
1919-1939

Crop year	Bearing acreage	Production total	Yield per acre	Farm price per ton	Total farm value	Gross income per bearing acre
	1	2	3	4	5	6
	1,000 acres	1,000 tons	tons	dollars	1,000 dollars	dollars
1919	104	140	1.35			
1920	105	98	0.93	160	15,680	149
1921	106	100	0.94	140	14,000	132
1922	111	126	1.14	150	18,900	170
1923	119	114	0.96	100	11,400	96
1924	129	139	1.08	110	15,290	119
1925	139	146	1.05	120	17,520	126
1926	156	151	0.97	100	15,100	97
1927	162	225	1.39	80	18,000	111
1928	168	221	1.32	100	22,100	132
1929	171	103	0.60	160	16,480	96
1930	171	274*	1.60	65	16,965	99
1931	170	214	1.26	50	10,700	63
1932	169	172*	1.02	55	9,240	55
1933	166†	182	1.10	80	14,560	88
1934	166†	171	1.03	59	10,089	61
1935	157†	258	1.64	58	14,964	95
1936	155†	159	1.03	80	12,720	82
1937	156†	249	1.60	54	13,446	86
1938	154†	288*	1.87	42	9,408	61
1939‡	152†‡	184	1.21	69	12,696	84

* Includes estimated quantities unharvested as follows: 1930, 13,000 tons; 1932, 4,000 tons; and 1938, 64,000 tons.

† Nonbearing acreage: 1933, 10,824; 1934, 9,641; 1935, 8,130 acres; 1936, 9,964 acres; 1937, 9,316 acres; 1938, 8,881 acres; and 1939, 7,200 acres.

‡ Data are preliminary and subject to revision.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from reports of the California Crop Reporting Service, except some of the farm prices are estimates by S. W. Shear.

Col. 2: Estimates of the United States and California Crop Reporting Service except 1922 and 1923 are trade estimates.

Cols. 5 and 6: Calculated from cols. 4 and 2 and 5 and 1 respectively.

January, 1940

PRUNES

Table 2

United States Production and Exports of Prunes and California Prices, 1921-1939

Year beginning Sept.1	United States			California		
	Harvested* production	Exports†		Farm price per pound	F.o.b. packed price per lb. 50/60's	Wholesale price per lb. New York City 50/60's
		Quantity, unprocessed weight	Per cent of harvested production			
	1	2	3	4	5	6
	tons	tons	per cent	cents	cents	cents
1921	113,700	46,500	41	7.0	9.0	10.9
1922	161,000	39,100	24	7.5	10.0	11.5
1923	141,500	72,300	51	5.0	8.0	8.6
1924	164,000	84,200	51	5.5	7.5	8.4
1925	161,500	72,800	45	6.0	7.8	8.3
1926	192,500	84,700	44	5.0	6.7	7.4
1927	248,800	130,700	53	4.0	5.6	6.4
1928	228,900	132,000	58	5.0	6.6	8.1
1929	160,100	69,800	44	8.0	9.6	10.3
1930	285,200	149,800	53	3.2	4.4	5.5
1931	242,400	117,700	49	2.5	3.4	4.0
1932	194,500	90,100	46	2.7	3.5	4.7
1933	205,500	94,900	46	4.0	5.7	6.5
1934	201,100	76,800	38	3.0	5.1	5.7
1935	297,300	109,600	37	2.9	3.5	4.6
1936	184,300	77,800	42	4.0	5.0	5.7
1937	255,700	106,400	42	2.7	3.6	4.5
1938	238,300	101,500	43	2.1	3.3	4.6
1939‡	212,400‡			3.4‡	4.6‡	5.5‡

* Does not include the small quantities produced in Idaho varying from almost nothing in some years to as much as 900 tons in one year.

† Data exclude prunes exported in dried fruit salad or mixed dried fruits.

‡ Preliminary data subject to revision.

Sources of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California.

Col. 1: California data for 1921-1936 from U. S. Dept. Agr. Bur. Agr. Econ. Revised Production of Plums and Prunes, 1919-1936, Washington, D.C., July 30, 1937, except data for 1922 and 1923, which are estimates by S. W.Shear. 1937-1939 from U. S. Crop Reports. Oregon and Washington data from U. S. Dept. Agr. Crop Reporting Board, General Crop Report, December 1939, pp. 40 and 85 (Mimeo.) Washington, D.C.

Col. 2: Based upon data from Monthly Summary of Foreign Commerce. Data rounded to nearest hundred tons.

Col. 4: Estimates by S. W. Shear based partly on the California Crop Reports.

Col. 5: Prices 1921-1931 based upon sales as reported by packers to Giannini Foundation. Prices 1932-1939 estimated from California Fruit News quotations and monthly prune shipments.

Col. 6: Monthly wholesale prices, reported currently in New York Journal of Commerce, weighted by monthly California prune shipments.

PRUNES

Table 3

World Commercial Production of Dried Prunes by Countries
1919-1939

Crop year	United States			European*			World total §
	California	Oregon and Washington†	Total †	France	Yugoslavia (exports only)	Total ‡	
	1	2	3	4	5	6	7
	Short tons, dry weight						
1919	140,000	18,800	158,800	5,800	—	5,800	164,600
1920	97,500	19,400	116,900	13,900	53,000	66,900	183,800
1921	100,000	13,700	113,700	6,400	26,000	32,400	146,100
1922	126,000	35,000	161,000	2,100	56,000	58,100	219,100
1923	114,000	27,500	141,500	22,000	63,000	85,000	226,500
1924	139,000	25,000	164,000	6,500	5,000	11,500	175,500
1925	146,000	15,500	161,500	2,000	48,000	50,000	211,500
1926	151,000	41,500	192,500	9,400	52,000	61,400	253,900
1927	225,000	23,800	248,800	6,100	34,000	40,100	288,900
1928	221,000	7,900	228,900	2,400	21,000	23,400	252,300
1929	103,000	57,100	160,100	4,800	12,000	17,000†	177,100
1930	261,000†	24,200	285,200	17,000	9,500	26,900	312,100
1931	214,000	28,400	242,400	4,000	9,500	13,900	256,300
1932	168,000†	26,500	194,500	2,500	30,000	33,600	228,100
1933	182,000	23,500	205,500	7,500	26,500	35,300	240,800
1934	171,000	30,100	201,100	6,000	24,100	34,800	235,900
1935	258,000	39,300	297,300	5,000	11,100	33,000	330,300
1936	159,000	25,300	184,300	8,000	36,300	55,300	239,600
1937	249,000	6,700	255,700	1,000	3,200	6,200	261,900
1938	224,000†	14,300	283,300	4,500	9,900	31,600	269,900
1939¶	184,000	28,400	212,400	8,000	38,000	62,100	274,500

* Data given to nearest hundred tons only.

† Does not include quantities unharvested on account of market conditions. (See table 1 for California unharvested production. Oregon and Washington have had unharvested tonnages neither dried nor used fresh in every year since 1928 except 1936.)

‡ Total Europe is only French production plus Yugoslavian exports before 1929, but also includes exports from Bulgaria and Rumania beginning 1929 when these first became significant.

§ World total does not include Australia and Union of South Africa which averaged during the past five years 2,900 tons and 800 tons respectively.

¶ Preliminary.

Sources of data: Compiled by S. W. Shoar, Giannini Foundation of Agricultural Economics, University of California.

Cols. 1, 2, and 3: Estimates of the U. S. Crop Reporting Board except California data for 1922 and 1923 are trade estimates.

Cols. 4, 5, and 6: From data compiled by the U. S. Dept. Agr. Foreign Agr. Service Division, and released by the California Federal-State Market News Service in mimeographed Foreign Prune Reports.

Col. 7: Sum of cols. 3 and 6.

January, 1940

PRUNES

Table 4

United States Exports* of Prunes by Chief Countries of Destination
1922-1938

Years beginning Sept. 1	Europe					Other than Europe			Total exports
	Germany	France	United Kingdom	Other Europe	Total	Canada	Other countries	Total	
	Tons								
Averages:									
1922-1926	16,673	11,650	15,929	16,146	60,398	8,423	3,432	11,855	72,253
1927-1931	36,312	19,224	19,754	32,210	107,500	9,074	5,943	15,017	122,517
1932-1936 †	14,348	18,895	17,496	26,148	76,887	8,698	6,506	15,204	92,091
Annual:									
1927	40,972	16,160	22,040	35,468	114,640	11,122	7,663	18,785	133,425
1928	38,967	27,711	20,686	31,196	118,560	9,784	6,400	16,184	134,744
1929	20,803	5,468	14,336	17,796	58,403	7,709	5,206	12,915	71,318
1930	50,783	23,757	20,294	43,864	138,698	8,415	5,618	14,033	152,731
1931 †	30,036	23,022	21,414	32,725	107,197	8,341	4,829	13,170	120,367
1932 †	18,352	21,550	16,097	23,312	79,311	8,062	4,835	12,897	92,208
1933 †	30,353	13,094	15,891	24,585	83,923	7,679	5,267	12,946	96,869
1934 †	5,148	14,006	16,671	27,940	63,765	9,113	6,045	15,158	78,923
1935 †	13,075	24,999	23,669	32,134	93,877	9,716	8,894	18,610	112,487
1936 †	4,812	20,826	15,150	22,771	63,559	8,920	7,491	16,411	79,970
1937 †	8,220	23,462	19,130	39,774	90,586	8,483	10,236	18,719	109,305
1938 †	5,350	18,931	22,311	41,664	88,256	8,115	8,006	16,121	104,377

* Not weight as shipped. Most prunes are exported processed and packed in boxes except to Germany which takes most of them in bags in natural condition.

† Preliminary data. Revised data by countries are no longer published monthly.

Source of data: Compiled by S. W. Shear, Giannini Foundation of Agricultural Economics, University of California, from U. S. Dept. Com., Bur. For. and Dom. Com., Monthly Summary of Foreign Commerce and monthly mimeographed statements and U. S. Dept. Agr., Bur. Agr. Econ. Federal-State Market News Service. Prune Information Bulletins (Mimeo.).