

11,713

CO-OPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF CALIFORNIA

UNIVERSITY OF CALIFORNIA
COLLEGE OF AGRICULTURE
AND
UNITED STATES DEPARTMENT OF AGRICULTURE
CO-OPERATING

EXTENSION SERVICE
FARM ADVISOR WORK
AGRICULTURE CLUB WORK
HOME DEMONSTRATION WORK

Office of the Director
College of Agriculture
Berkeley, California

January, 1938

Statistical Information
on
Lassen County Agriculture
1899 - 1936

Mimeograph #2

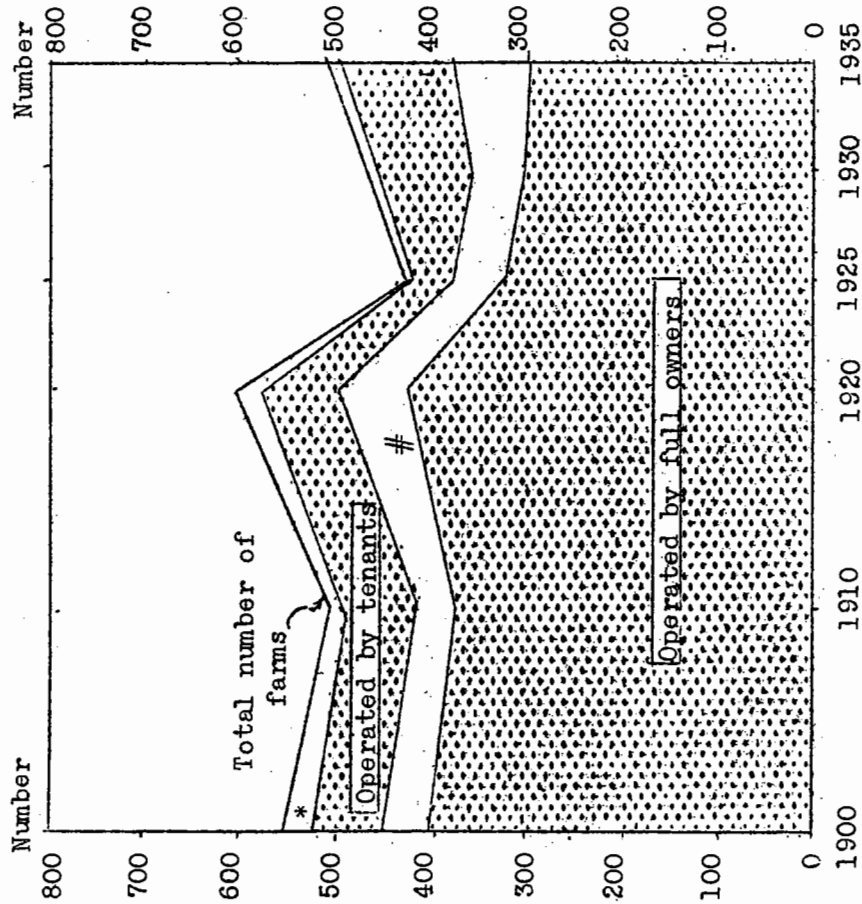
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Agricultural Economics

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(Name)

Figure 1.

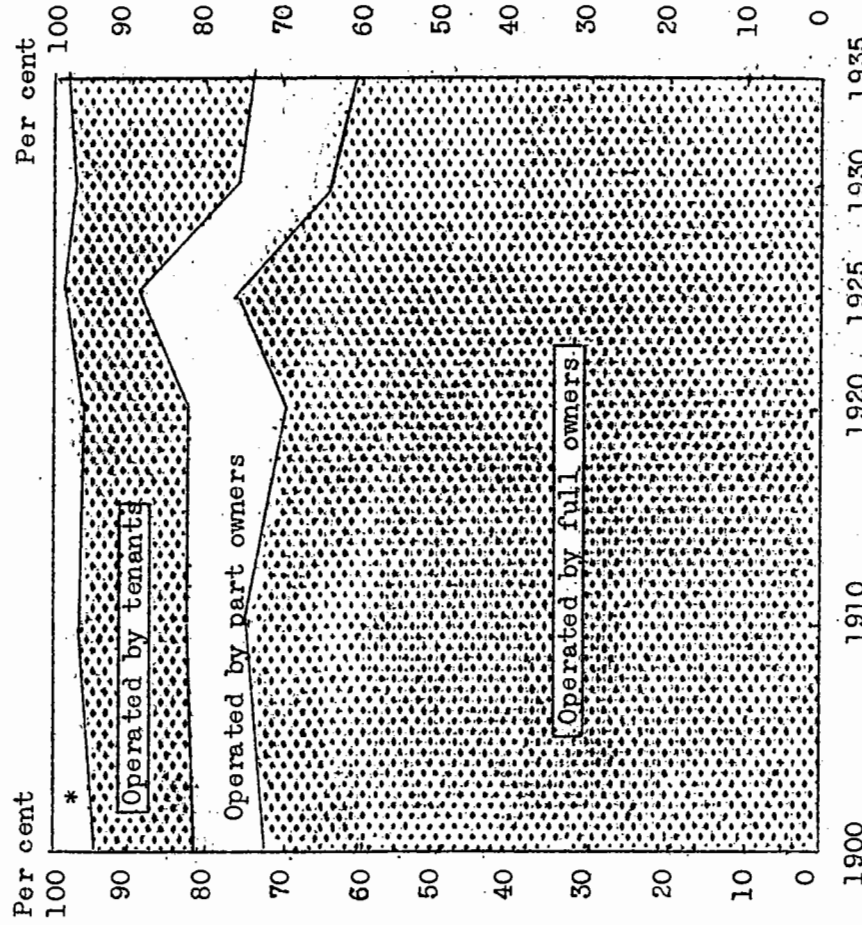
Lassen County Farms Operated by Full Owners, Part Owners, Tenants, or Managers, 1900 to 1935



* Operated by managers.
 # Operated by part owners.
 Source of data: Table 1.

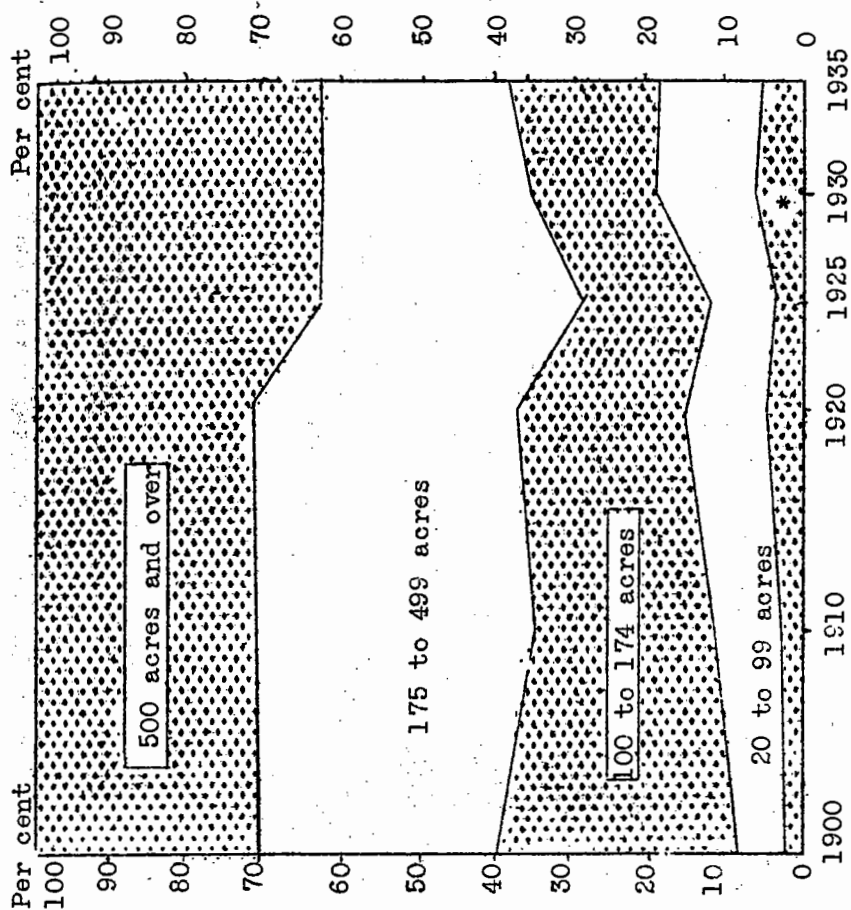
Figure 2.

Lassen County Farms: Percentage Operated by Full Owners, Part Owners, Tenants, or Managers, 1900 to 1935

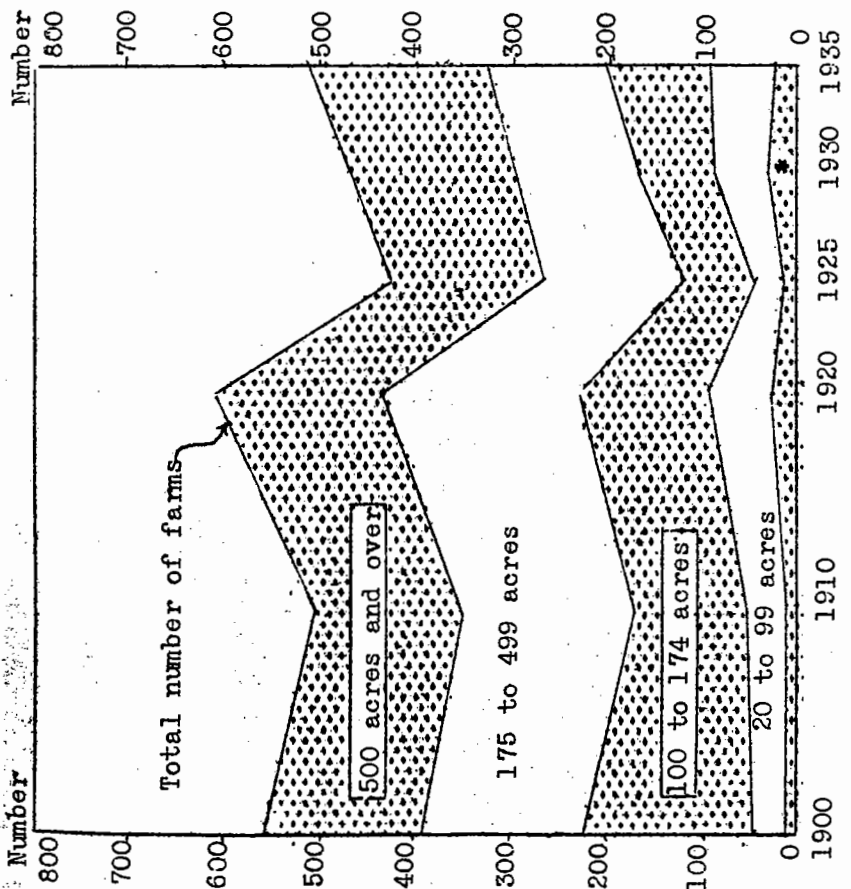


Lassen County Farms Grouped According to Size
1900 to 1935

Expressed as a percentage of the total number of farms



Lassen County Farms Grouped According to Size
1900 to 1935



*Under 20 acres.
Source of data: Table 1.

Figure 5.

Lassen County Farms Grouped According to Type in 1930

Expressed as a percentage of total number of farms

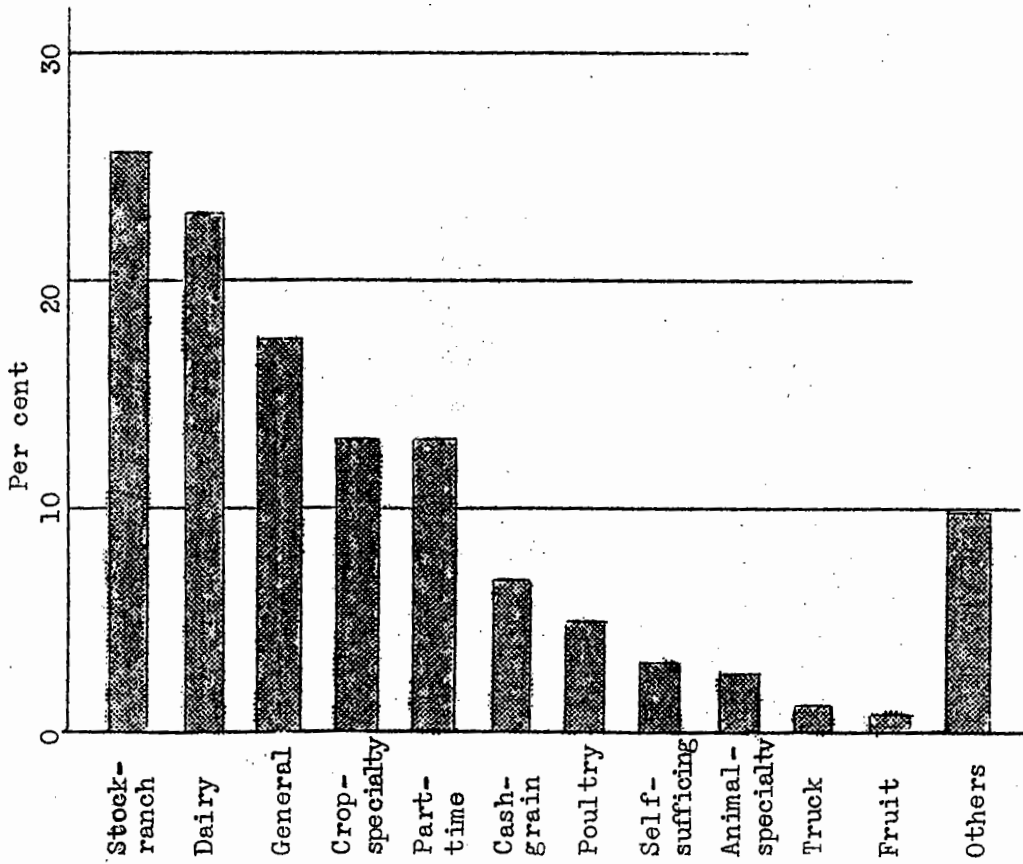
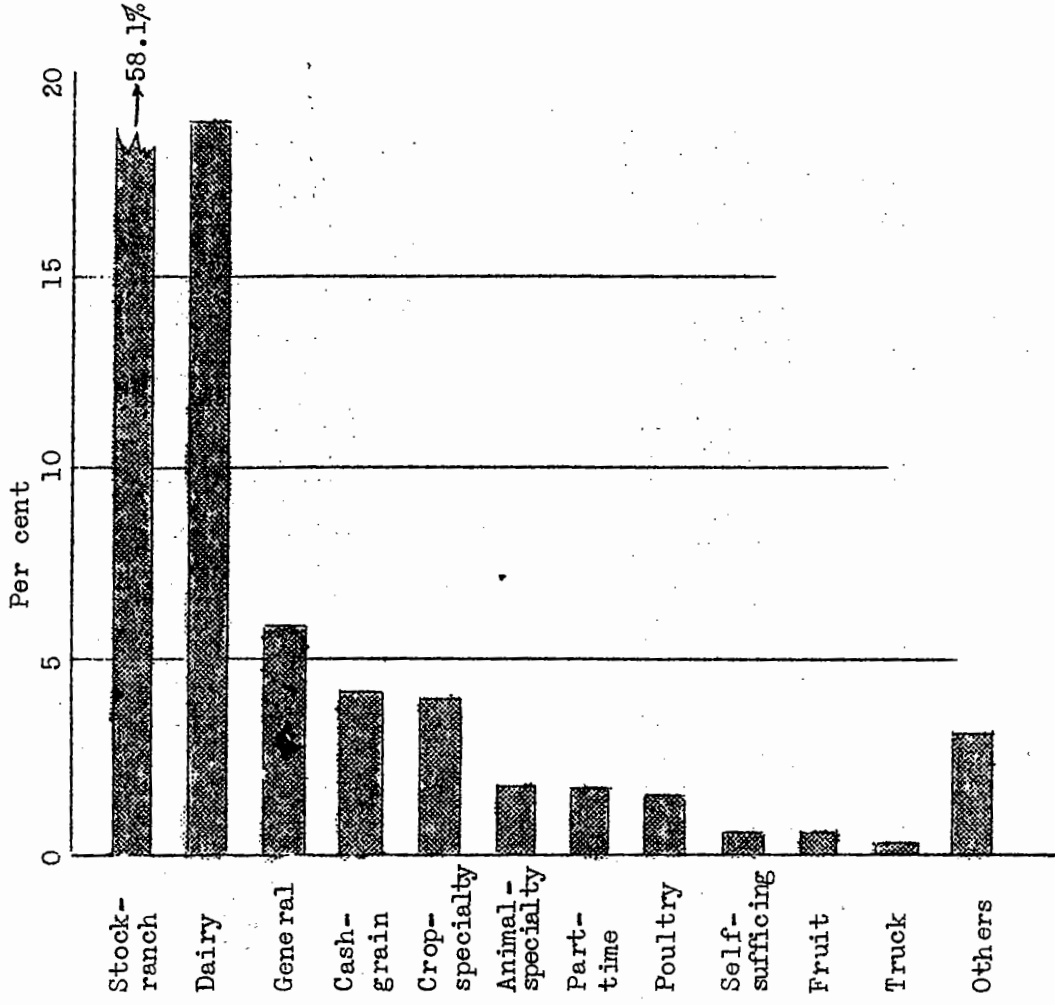


Figure 6.

Total Value of Farm Land and Buildings in Lassen County Grouped According to Type of Farm in 1930

Expressed as a percentage of total value of farm land and buildings



Source of data: Table 2.

Lassen County: Population, Use of Farm Land, Sizes of Farms, Value of Farm Land and Buildings, and Irrigated Farms, 1900 to 1935

	Unit	1900	1910	1920	1925	1930	1935
Population, total	number	4,511	4,802	8,507	--	12,589	--
Rural farm population	"	--	--	--	--	2,199	--
Percentage living on rural farms	%	--	--	--	--	17.5	--
Rural and urban farm population	number	--	--	--	--	2,199	--
Percentage living on rural and urban farms	%	--	--	--	--	17.5	--
Number of farms, total	number	555	502	606	425	472	509
Operated by full owners	"	402	374	424	323	303	308
Operated by full and part owners	"	453	414	499	375	359	378
Operated by managers	"	30	17	26	7	14	14
Operated by tenants	"	72	71	81	43	99	117
Percentage operated by tenants	%	13.0	14.1	13.4	10.1	21.0	23.0
Percentage of owner-operated farms that are mortgaged	%	--	29.5	41.7	44.0	43.7	--
Farm operators, by color #--white	number	547	489	591	--	469	500
--colored	"	8	13	15	--	3	9
Farm operators reporting work not connected with their farms	number	--	--	--	--	--	201
Per cent of all farm operators	%	--	--	--	--	--	39.5
Average number of days per operator	number	--	--	--	--	--	127
Farm operators classified by principal occupation off the farm:							
Agricultural	"	--	--	--	--	--	29
Non-agricultural	"	--	--	--	--	--	136
Unclassified	"	--	--	--	--	--	36
Approximate land area	acres	2,899,840	2,899,840	2,899,840	2,899,840	2,899,840	2,899,840
Percentage in farms	%	13.1	10.2	25.6	16.3	16.3	17.5

Table 1 (page 2)

Lassen County: Population, Farm Operators, Use of Farm Land, Sizes of Farms, Value of Farms, Value of Farm Land and Buildings, and Irrigated Farms, 1900 to 1935

	Unit	1900	1910	1920	1925	1930	1935
Land in farms, total	acres	381,109	295,728	741,220	742,917	473,268	508,826
Operated by full owners	"	--	--	220,020	205,150	165,807	251,689
Operated by full and part owners	"	--	230,413	440,565	412,869	290,730	332,761
Operated by managers	"	--	32,286	258,283	44,405	127,858	65,524
Operated by tenants	"	--	33,029	42,372	15,643	54,680	110,541
Farm land according to use							
Crop land	"	--	--	--	63,785	86,312	83,097
Pasture land	"	--	--	--	396,488	378,904	417,206
Woodland not pastured	"	--	--	--	7,056	1,631	4,330
All other land in farms	"	--	--	--	5,588	6,421	4,193
Size of farm							
Average size	"	687	589	1,223	1,113	1,003	1,000
Under 3 acres	number	3	--	6	2	11	--
3 to 9 acres	"	3	9	14	7	11	19
10 to 19 acres	"	5	4	7	7	8	8
20 to 49 acres	"	21	12	33	17	25	34
50 to 99 acres	"	15	32	31	18	35	35
100 to 174 acres	"	175	117	134	70	77	98
175 to 259 acres	"	44	51	58	36	42	41
260 to 499 acres	"	127	130	151	110	87	87
500 to 999 acres	"	98	84	90	79	87	84
1,000 acres and over	"	64	63	82	79	89	103
Farm land and buildings							
Total value	\$1,000	3,658	7,097	15,348	9,271	9,964	6,779
Value per farm	dollars	6,590	14,138	25,326	21,814	21,109	13,317
Value per acre	"	9.60	24.00	20.71	19.60	21.05	13.32
Value per acre of land alone	"	77.4	21.41	18.62	16.77	17.25	--

Table 1 (page 3).

Lassen County: Population, Farm Operators, Use of Farm Land, Sizes of Farms, Value of Farm Land and Buildings, and Irrigated Farms, 1900 to 1935

	Unit	1900	1910	1920	1925	1930	1935
Mortgage debt and taxes							
Value of farms operated by full owners* reporting debt	\$1,000	--	1,464	3,387	2,902	2,713	--
Ratio of mortgage debt to value of farms operated by full owners* reporting debt	%	--	18.6	26.6	34.5	34.0	--
Ratio of taxes to value of farms operated by full owners*	%	--	--	--	--	1.19	--
Irrigated farms	number	313	355	306	--	241	--
Percentage of total number of farms	%	--	70.7	50.5	--	51.1	--
Percentage of farm lands in irrigated farms	%	--	--	--	--	64.1	--
Percentage of farm lands and buildings in irrigated farms	%	--	--	--	--	--	--
Area irrigated	acres	49,634	77,079	53,884	--	39,893	--
Percentage of farm lands under irrigation	%	13.0	26.1	7.3	--	8.4	--
Percentage of land used for crops under irrigation	%	--	--	--	--	--	39.5

* A full owner is one who owns all the land he uses.

"White" includes Mexicans and Hindus; "colored" includes Negroes, Indians, Chinese, Japanese, and all other nonwhite races.

† 1924. ‡ 1929. § 1934.

Source of data: U. S. Dept. of Commerce Bur. of the Census. United States Census.

Table 2. Lassen County: Farms, Land in Farms, and Value of Land and Buildings for Different Types of Farms in 1930

Type of farm	Farms by type	All land in farms	Average acres per farm	Total value of land and buildings	Average value of land and buildings per farm	Average value per acre of land alone
	number	acres	acres	dollars	dollars	dollars
All types	472	473,268	1,003	9,963,619	21,109	17
General *	42	18,224	434	585,300	13,936	24
Cash-grain †	26	16,284	626	408,711	15,720	21
Cotton ‡	--	--	--	--	--	--
Crop-specialty §	31	9,650	311	392,770	12,670	29
Fruit ¶	3	301	100	42,000	14,000	98
Truck ††	5	135	27	19,600	3,920	116
Dairy ‡‡	118	45,170	383	1,904,565	16,140	30
Animal-specialty §§	12	3,731	311	184,100	15,342	38
Stock-ranch ¶¶	121	347,345	2,871	5,784,038	47,802	15
Poultry †††	23	3,617	157	136,875	5,951	23
Self-sufficing §§§	14	2,462	176	43,710	3,122	13
Part-time ¶¶¶	31	6,866	221	160,320	5,172	16
Others	46	19,483	424	301,630	6,557	12

* Farms are classified as "general" where the value of products from any one source did not represent as much as 40 per cent of the total value of all products of the farm.
 † A farm is classified under the type indicated if it received 40 per cent or more of its income from this source.
 ‡ The crop-specialty farms raise sugar beets, dry beans, hay, potatoes, sweet potatoes, and hops.
 § A "stock-ranch" is a farm in which the emphasis is placed upon the production of livestock by grazing, while an "animal-specialty" farm is one in which the emphasis is placed upon the production of crops and feeding of livestock.
 ¶ Value of farm products used by the family was 50 per cent or more of the total value of all products of the farm.
 †† Operator spent 150 days or more at work for pay at jobs not connected with his farm.
 ‡‡ Source of data: U. S. Dept. of Commerce Bur. of the Census. Fifteenth Census of the United States: 1930.

Lassen County: Farm Machinery and Facilities, Miscellaneous Expenditures, Cooperative Marketing and Movement of Farm Population in 1930

Table 3.

	Unit	Amount	Unit	Amount
Farm machinery				
Automobiles	number	499	\$100	681
Motor trucks	"	126	number	23
Tractors	"	93	\$100	17
Electric motors for farm work	"	125	number	23
Stationary gas engines	"	253		
Farm facilities				
Telephones	"	259	\$100	2,320
Water piped into dwelling house	"	182		
Water piped into bathroom	"	138		
Dwelling lighted by electricity	"	102		
Expenditures for				
Feed	\$100	1,645	number	100
Farms reporting	number	314	"	40
Fertilizer	\$100	14		
Farms reporting	number	35		
Farm labor	\$100	3,452		
Days of labor employed	100 days	1,149		
Farms reporting	number	307		
Farm implements and machinery	\$100	1,026		
Farms reporting	number	161		
Electric light and power	\$100	83		
Farms reporting	number	78		
Cooperative marketing				
Value of farm products sold				
Farms reporting				
Value of farm supplies purchased				
Farms reporting				
Value of all farm products (sold, traded, or consumed by operator's family) on farms reporting cooperative sales				
Movement of farm population, April 1, 1929 to March 31, 1930				
Persons who moved--				
To farms from cities, villages, or other incorporated places				
Farms reporting				
From farms to cities, villages, or other incorporated places				
Farms reporting				

Source of data: U. S. Dept. of Commerce Bur. of the Census. Fifteenth Census of the United States: 1930.

Table 4.

Lassen County: Acreage, Production and Yield of Principal Field Crops, 1899 to 1934

	Unit	1899	1909	1919	1924	1929	1934	1937
Alfalfa								
Acreage	acres	7,717	11,709	17,269	10,156	14,586	13,327	16,568
Production	tons	16,620	27,452	31,912	--	25,015	18,793	32,887
Yield per acre	"	2.2	2.3	1.8	--	1.7	1.4	
Barley, threshed								
Acreage	acres	1,868	3,244	926	303	1,748	1,243	2,533
Production	bushels*	31,690	63,471	17,059	4,316	40,720	25,559	
Yield per acre	"	17	20	18	14	23	21	
Small grain cut for hay								
Acreage	acres	4,815	2,677	7,097	4,363	5,675	11,171	3,200 - 3
Production	tons	5,176	3,442	5,357	--	4,401	10,446	3,266
Yield per acre	"	1.1	1.3	.8	--	.8	.9	
Wheat, threshed								
Acreage	acres	9,864	9,938	11,986	2,352	6,240	4,942	9,411
Production	bushels*	130,260	153,863	140,042	22,537	101,523	72,876	
Yield per acre	"	13	15	12	10	16	15	

* One bushel of barley = 48 lbs.; one bushel of wheat = 60 lbs.

Source of data: U. S. Dept. of Commerce Bur. of the Census. United States Census.

Meadow - 38562 - 38000
Sidle 11632
S4 8193
Quata 869
R-ye 5057
3000

Table 5.

Lassen County: Acreage of Principal Vegetable Crops, 1919 to 1936

Vegetables	1919	1924	1929	1934	1936
	acres	acres	acres	acres	acres
Total	48	--	40	--	--
Cabbages	3	6	1	2	
Cantaloupes and Muskmelons	2	--	11	--	
Corn, sweet	10	--	12	6	
Onions (dry)	2	--	4	--	
Tomatoes	3	--	3	2	
Watermelons	8	17	1	1	

Source of data: U. S. Dept. of Commerce, Bur. of the Census. United States Census.

Table 6..

Lassen County: Numbers of Livestock on Farms, 1900 to 1935.

	1900 June 1	1910 April 15	1920 Jan., 1	1925 Jan., 1	1930 April 1	1935 Jan., 1	1937 Jan. 1
	<u>numbers</u>	<u>numbers</u>	<u>numbers</u>	<u>numbers</u>	<u>numbers</u>	<u>numbers</u>	<u>numbers</u>
Cattle	44,906	43,832	40,643	32,713	30,317	40,162	
Cows and heifers two years old and over							
Kept mainly for milk	3,187	2,890	2,743	2,529	4,100	--	
Kept mainly for beef	16,548	18,444	12,950	12,859	11,238	--	
Sheep and lambs	81,586	72,725	92,961	75,528	95,951	52,096	
Goats and kids	45	586	459	131	596	228	
Swine	6,027	5,034	5,910	2,916	3,432	1,901	
Horses	11,756	9,515	8,290	6,284	4,960	4,659	
Mules	780	702	709	989	667	388	
Chickens ϕ	19,332	--	25,521 ϕ	24,280 ϕ	34,258	30,751	
Ducks	132	--	--	--	351*	--	
Turkeys	1,250	--	--	--	7,065*	1,190 ϕ	
Beehives	1,276	298	1,058	--	274	--	

* Raised in 1929.
 ϕ Over three months old.
 ϕ All ages.

Source of data: U. S. Dept. of Commerce Bur. of the Census. United States Census.