



1963
POULTRY
SITUATION
&
COST
STUDIES

15th year summary
sonoma county

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E/64 -- 850

VALUE OF POULTRY AND POULTRY PRODUCTS

Sonoma County is still an important poultry county in the production of eggs. Sonoma County ranks sixth in the United States on value of all poultry and poultry products, and still ranks fifth in eggs produced in the United States by counties.

CHICKEN EGGS SOLD

Rank	County	State	Value of Poultry and Poultry Products	Rank	County	State	Eggs Sold (Thousand Dozens)
1.	Sussex	Delaware	343,179,901	1.	San Bernardino	California	53,843
2.	Lancaster	Pennsylvania	23,624,662	2.	Lancaster	Pennsylvania	48,615
3.	San Bernardino	California	23,619,606	3.	San Diego	California	40,340
4.	Los Angeles	California	19,479,848	4.	Orange	California	38,219
5.	Washington	Arkansas	19,431,168	5.	Sonoma	California	37,378
6.	Sonoma	California	19,238,049	6.	Monmouth	New Jersey	30,283
7.	Rockingham	Virginia	18,543,632	7.	Los Angeles	California	30,141
8.	Benton	Arkansas	17,154,679	8.	Cumberland	New Jersey	26,118
9.	Stanislaus	California	16,765,338	9.	Ocean	New Jersey	26,010
10.	Scott	Mississippi	16,565,471	10.	Stanislaus	California	23,648
11.	Wicomico	Maryland	16,412,125	11.	Riverside	California	23,352
12.	San Diego	California	15,408,351	12.	Atlantic	New Jersey	17,312
13.	Fresno	California	13,941,423	13.	York	Pennsylvania	14,840
14.	Worcester	Maryland	13,808,666	14.	Hunterdon	New Jersey	14,813
15.	Orange	California	13,694,144	15.	Sullivan	New York	13,456
16.	Riverside	California	12,637,430	16.	Tulare	California	13,323
17.	Cullman	Alabama	12,604,319	17.	Kosciusko	Indiana	12,546
18.	Hall	Georgia	12,151,030	18.	Rockingham	Virginia	11,467
19.	Monmouth	New Jersey	12,099,256	19.	Santa Clara	California	11,440
20.	Waldo	Maine	11,411,072	20.	Whatcom	Washington	10,508
21.	Ocean	New Jersey	11,143,611	21.	San Joaquin	California	10,430
22.	Cumberland	New Jersey	10,878,459	22.	Allegan	Michigan	10,217
23.	Windham	Connecticut	10,534,000	23.	Windham	Connecticut	9,514
24.	Kennebec	Maine	10,256,798	24.	Ventura	California	9,417
25.	Tulare	California	10,152,719	25.	New London	Connecticut	8,207
26.	Suffolk	New York	10,148,979	26.	Kossuth	Iowa	8,161
27.	Forsyth	Georgia	9,692,175	27.	Northumberland	Pennsylvania	8,127
28.	Cherokee	Georgia	9,653,957	28.	Sacramento	California	8,084
29.	Merced	California	9,569,426	29.	Hillsboro	New Hampshire	8,063
30.	Wilkes	North Carolina	9,078,438	30.	Ulster	New York	7,899
31.	Somerset	Maryland	8,629,100	31.	Bucks	Pennsylvania	7,888
32.	DeKalb	Alabama	8,525,127	32.	Berks	Pennsylvania	7,809
33.	Smith	Mississippi	8,431,790	33.	Worcester	Massachusetts	7,781
34.	Winston	Alabama	7,797,762	34.	Fresno	California	7,718
35.	Atlantic	New Jersey	7,757,947	35.	Darke	Ohio	7,669
36.	Shelby	Texas	7,684,819	36.	Stearns	Minnesota	7,627
37.	Nacogdoches	Texas	7,638,417	37.	Kennebec	Maine	7,517
38.	New London	Connecticut	7,560,417	38.	Sioux	Iowa	7,263
39.	York	Pennsylvania	7,522,417	39.	Hall	Georgia	7,164
40.	Marshall	Alabama	7,145,168	40.	Hillsborough	Florida	7,094
41.	Duplin	North Carolina	6,825,461	41.	Salt Lake	Utah	6,967
42.	Whitfield	Georgia	6,714,195	42.	Sibley	Minnesota	6,967
43.	Kandiyohi	Minnesota	6,404,700	43.	Livingston	Illinois	6,959
44.	Sullivan	New York	6,341,831	44.	Hartford	Connecticut	6,907
45.	Caroline	Maryland	6,300,221	45.	Middlesex	Massachusetts	6,900
46.	Gonzales	Texas	6,192,613	46.	King	Washington	6,819
47.	Moore	North Carolina	6,179,517	47.	Montgomery	Pennsylvania	6,781
48.	Chatham	North Carolina	6,150,413	48.	Waldo	Maine	6,703
49.	Hunterdon	New Jersey	6,051,300	49.	Clackamas	Oregon	6,648
50.	Rankin	Mississippi	5,926,981	50.	Pierce	Washington	6,610
51.	Clackamas	Oregon	5,828,412	51.	Gloucester	New Jersey	6,503
52.	Jackson	Georgia	5,762,669	52.	Redwood	Minnesota	6,429
53.	Elkhart	Indiana	5,725,211	53.	Fremont	Minnesota	6,424
54.	Worcester	Massachusetts	5,704,489	54.	Somerset	New Jersey	6,337
55.	Pierce	Washington	5,638,414	55.	Renville	Minnesota	6,297
56.	Franklin	Georgia	5,611,046	56.	Schuykill	Pennsylvania	6,294
57.	San Joaquin	California	5,517,121	57.	Lebanon	Pennsylvania	6,283
58.	Cumberland	Maine	5,506,405	58.	Middlesex	New Jersey	6,237
59.	Habersham	Georgia	5,272,882	59.	Dane	Wisconsin	6,215
60.	Knox	Maine	5,026,353	60.	Hancock	Iowa	6,182
61.	Dubois	Indiana	5,021,171	61.	Ottawa	Michigan	6,118
62.	Yell	Arkansas	4,961,453	62.	Lewis	Washington	6,108
63.	Berks	Pennsylvania	4,946,614	63.	Knox	Maine	5,981
64.	Hillsborough	New Hampshire	4,929,711	64.	Brown	Minnesota	5,960
65.	Barry	Missouri	4,909,503	65.	Faribault	Minnesota	5,954
66.	Middlesex	Massachusetts	4,858,770	66.	Salem	New Jersey	5,946
67.	Kosciusko	Indiana	4,853,900	67.	Columbia	Pennsylvania	5,941
68.	Barron	Wisconsin	4,780,918	68.	Otter Tail	Minnesota	5,920
69.	Union	North Carolina	4,777,343	69.	Simpson	Mississippi	5,885
70.	Walker	Alabama	4,716,679	70.	Dubois	Indiana	5,822
71.	Hamilton	Iowa	4,665,783	71.	Butler	Iowa	5,811
72.	White	Georgia	4,655,641	72.	Cullman	Alabama	5,778
73.	Ventura	California	4,640,753	73.	Nobles	Minnesota	5,756
74.	Santa Clara	California	4,585,964	74.	Blount	Alabama	5,753
75.	Hardy	West Virginia	4,577,577	75.	Wayne	Ohio	5,715
76.	Honolulu	Hawaii	4,552,119	76.	Nacogdoches	Texas	5,698
77.	Shenandoah	Virginia	4,542,606	77.	Steele	Minnesota	5,633
78.	San Luis Obispo	California	4,500,431	78.	New Haven	Connecticut	5,632
79.	Gwinnett	Georgia	4,447,930	79.	Mercer	Ohio	5,631
80.	Penobscot	Maine	4,435,262	80.	Putnam	Ohio	5,627
81.	Blount	Alabama	4,395,794	81.	Merced	California	5,539
82.	Madison	Arkansas	4,373,863	82.	McLeod	Minnesota	5,523
83.	Whatcom	Washington	4,364,948	83.	Bristol	Massachusetts	5,522
84.	Pendleton	West Virginia	4,294,234	84.	Honolulu	Hawaii	5,574
85.	Ulster	New York	4,277,606	85.	Franklin	Iowa	5,448
86.	Northumberland	Pennsylvania	4,210,623	86.	Fulton	Ohio	5,372
87.	Ottawa	Michigan	4,182,391	87.	Pasco	Florida	5,249
88.	Hartford	Connecticut	4,086,561	88.	Jackson	Minnesota	5,244
89.	Carroll	Arkansas	4,085,892	89.	Blue Earth	Minnesota	5,239
90.	York	Maine	4,084,468	90.	Sussex	Delaware	5,225
91.	Androscoggin	Maine	4,068,611	91.	Bremer	Iowa	5,204
92.	Randolph	North Carolina	4,062,939	92.	Adams	Pennsylvania	5,187
93.	Sacramento	California	4,008,056	93.	Delaware	Iowa	5,159
94.	King	Washington	4,002,830	94.	Wabash	Indiana	5,158
95.	Tolland	Connecticut	3,977,555	95.	Mower	Minnesota	5,144
96.	Stearns	Minnesota	3,907,685	96.	Cleveland	North Carolina	5,138
97.	Otter Tail	Minnesota	3,898,424	97.	Lyon	Iowa	5,087
98.	Lumpkin	Georgia	3,856,352	98.	Cumberland	Maine	5,078
99.	Sanpete	Utah	3,855,050	99.	Dodge	Wisconsin	5,033
100.	Bristol	Massachusetts	3,819,681	100.	Fayette	Iowa	4,994

RANKING OF STATES ACCORDING TO 1962 GROSS POULTRY INCOME

(Thousand Dollars)

We are leading in chickens and eggs and turkeys, but we rank tenth in broilers. In over-all total we are ahead in gross poultry income.

CHICKENS & EGGS		BROILERS		TURKEYS		TOTAL	
1. Calif.	182,441	1. Ga.	168,031	1. Calif.	71,144	1. Calif.	290,550
2. Penn.	111,827	2. Ark.	112,682	2. Minn.	48,907	2. Ga.	272,020
3. Ga.	101,167	3. Ala.	102,845	3. Iowa	30,459	3. N. Car.	191,060
4. Iowa	101,063	4. N. Car.	98,760	4. Texas	16,862	4. Ark.	172,814
5. N. Car.	82,453	5. Md.	73,514	5. Mo.	15,928	5. Ala.	164,849
6. Texas	79,040	6. Miss.	66,801	6. Wis.	15,605	6. Texas	158,541
7. Minn.	74,594	7. Texas	62,639	7. Utah	14,822	7. Penn.	144,936
8. Ohio	70,646	8. Dela.	56,555	8. Ind.	14,017	8. Iowa	133,459
9. N.J.	63,531	9. Me.	41,099	9. Ohio	13,236	9. Minn.	130,714
10. Ind.	61,928	10. Calif.	36,965	10. Va.	11,493	10. Miss.	120,886
11. Ala.	61,068	11. Penn.	25,795	11. N. Car.	9,847	11. Ind.	92,139
12. N.Y.	60,116	12. Va.	23,215	12. Ark.	9,456	12. Ohio	90,043
13. Ill.	55,139	13. Mo.	18,795	13. Colo.	7,662	13. Md.	84,471
14. Miss.	53,380	14. Tenn.	16,322	14. Penn.	7,314	14. Me.	78,233
15. Ark.	50,676	15. Ind.	16,194	15. Ore.	6,102	15. Mo.	76,866
16. Wis.	49,534	16. La.	11,577	16. Okla.	5,228	16. Wis.	75,514
17. Mo.	42,143	17. W. Va.	11,197	17. Mich.	4,852	17. Va.	74,682
18. Va.	39,974	18. Wis.	10,375	18. Ill.	4,768	18. N.Y.	69,194
19. Fla.	38,587	19. S. Car.	10,000	19. Nebr.	4,562	19. N.J.	69,113
20. Mich.	38,213	20. Wash.	9,988	20. N. Dak.	3,824	20. Dela.	62,818
21. Maine	36,978	21. Conn.	8,352	21. N.Y.	3,585	21. Ill.	61,600
22. S. Car.	35,069	22. Ky.	7,832	22. Ky.	3,363	22. S. Car.	47,818
23. Neb.	33,756	23. Minn.	7,213	23. Kans.	3,262	23. Tenn.	46,662
24. S. Dak.	32,330	24. Ohio	6,161	24. Ga.	2,822	24. Mich.	45,310
25. Conn.	31,929	25. Ore.	5,917	25. S. Dak.	2,789	25. Fla.	44,946
26. Tenn.	29,830	26. Fla.	5,539	26. S. Car.	2,749	26. Conn.	41,672
27. Wash.	29,586	27. N.Y.	5,493	27. W. Va.	2,692	27. Wash.	41,603
28. Mass.	26,418	28. N.J.	4,696	28. Mass.	2,086	28. Nebr.	38,797
29. Ky.	25,443	29. Mass.	4,605	29. Wash.	2,029	29. Ky.	36,638
30. Kans.	24,016	30. Okla.	3,625	30. Conn.	1,391	30. S. Dak.	35,119
31. La.	19,086	31. N.H.	3,504	31. (Mont.)		31. Mass.	33,109
32. Ore.	18,237	32. Idaho	2,718	{Ida. }	1,098	32. La.	30,894
33. Okla.	14,990	33. Mich.	2,245	32. Md.	1,040	33. Ore.	30,256
34. N.H.	14,425	34. Hawaii	2,091	33. Ala.	936	34. Kans.	28,052
35. W. Va.	12,070	35. Iowa	1,937	34. Ariz.	905	35. W. Va.	25,959
36. Md.	9,917	36. Ill.	1,693	35. N. J.	886	36. Utah	24,083
37. N. Dak.	8,629	37. Utah	1,140	36. Fla.	820	37. Okla.	23,843
38. Colo.	8,433	38. Kans.	774	37. Miss.	705	38. (Colo.)	
39. Hawaii	8,411	39. R.I.	755	38. Dela.	566	{Ariz. }	22,914
40. Utah	8,121	40. Nebr.	479	39. Tenn.	510	39. N.H.	18,315
41. Idaho	7,368	41. (Colo.)		40. N.H.	386	40. (Mont.)	
42. Mont.	6,714	{Ariz. }	394	41. R.I.	282	{Ida. }	17,898
43. Vt.	6,637	42. Vt.	338	42. La.	231	41. N. Dak.	12,453
44. Dela.	5,697	43. N.D.	--	43. Me.	156	42. Hawaii	10,502
45. Ariz.	5,520	44. S.D.	--	44. Vt.	135	43. Vt.	7,110
46. N. Mex.	4,892	45. Mont.	--	45. N. Mex.	113	44. N. Mex.	5,005
47. R.I.	3,534	46. Wyo.	--	46. Wyo.	20	45. R.I.	4,571
48. Wyo.	2,093	47. N. Mex.	--	47. Nev.	4	46. Wyo.	2,113
49. Alaska	434	48. Nev.	--	48. Alaska	--	47. Alaska	434
50. Nev.	366	49. Alaska	--	49. Hawaii	--	48. Nev.	370
TOTAL	1,888,449		1,050,850		351,649		3,290,948

1963 POULTRY EGG COST STUDY

Sonoma County Summary

The purpose of this study is to provide participating poultrymen and other poultrymen with a basis for improving efficiency of production by a comparison study of the records compiled. This report cannot be considered as representative of the industry in the county, but the records can be used to make a comparison. This report was also made up in part to show the poultry situation in Sonoma County in relation to California and United States production.

COMPARE YOUR RESULTS TO STUDY AVERAGES

Costs per Average Hen

	Sonoma Co. Averages	Your Results
OPERATION COSTS:		
Feed	\$ 3.74	_____
Chick purchases	.41	_____
Supplies, taxes, services, miscellaneous	.26	_____
Hired labor	.23	_____

LESS COST CREDITS:		
Culls and Manure	.19	_____
Stock Inventory Change	.10	_____

NET OPERATION COSTS PER HEN	4.35	_____
OVERHEAD COSTS:		
Depreciation	.19	_____
Interest on Investment, 5%	.16	_____

TOTAL NET OPERATION AND OVERHEAD COSTS	4.70	_____
VALUE OPERATOR'S LABOR	.37	_____

NET COST OF EGG PRODUCTION PER HEN	5.07	_____
NET COST OF EGG PRODUCTION PER DOZEN SOLD	26.9¢	_____

Sales and Returns per Average Hen

Dozen eggs sold per hen	18.6	_____
Average price per dozen sold	30.7	_____

Egg returns per hen	5.78	_____
Egg returns over net operations cost	1.43	_____
Egg returns over net operations and overhead costs	1.08	_____

Management income per hen	.71	_____
Management income per dozen sold	3.8	_____
Net or farm income per hen	1.24	_____
Net or farm income per dozen eggs	6.6¢	_____

COMPARE YOUR RESULTS
WITH STUDY AVERAGES

	Sonoma Co. Averages	Your Results
FEED INCLUDES REPLACEMENT:		
Pounds per hen	112	_____
Cost per hundred pounds	\$ 3.33	_____
Pounds per dozen eggs sold	5.9	_____
Cost per dozen eggs sold	19.9¢	_____

LABOR: Hired and Operator's		
Hours per hen	0.4	_____
Cost per hen	.60	_____
Cost per dozen eggs sold	3.2¢	_____

PER CENT OF AVERAGE FLOCK:		
Died	17	_____
Culled	62	_____
Total added	81	_____
Increase in flock	2	_____

EGGS PER HEN SOLD	226	_____
PER CENT LARGE EGGS SOLD	78	_____
COST PER CHICK	45.8¢	_____
CULL INCOME PER EACH	28.6¢	_____
PER CENT CHICK LOSS OF PURCHASED	5.0	_____
AVERAGE NUMBER OF BIRDS PER FLOCK	10,974	_____

Factors Contributing to Efficient Egg Production and Egg Quality

- I. Maintain eighty to one hundred per cent replacement
 - A. Provides high egg production
 - B. Provides better egg quality
 - C. Provides high total egg income
 - D. Low feed conversion ratio with high egg production
- II. Use labor saving equipment
 - A. Cuts costs of labor per hen
 - B. Allows for maximum number of birds per operator
- III. Make replacements three or four times a year; or better still, all in & all out
 - A. Evens out production during the year
 - B. Evens out work-load over the year
 - C. Allows for age group handling of birds
 - D. Culling, moving, and production records more easily handled
 - E. Better pullets produced with more individualized attention to each brood
 - F. Disease hazard of several different age groups of pullets minimized

SONOMA COUNTY AGRICULTURAL COMMISSION FIGURES, PRODUCTION AND VALUE OF POULTRY -- 1940 - 1963 comparison

Date	Number of Hens	Eggs per Hen	Eggs (Dozens)	Average Price	Egg Value	*Meat Birds (pounds)	Ave. Price	Meat Value	***Other Poultry Value	Total Value
1940	4,525,000	126	47,500,000	.19	\$ 9,075,000	11,400,000	.18	\$ 2,106,500	\$ 504,942	\$11,686,442
1941	4,275,000	109	38,990,000	.28	10,757,400	12,430,000	.20	2,540,175	564,212	13,861,787
1942	4,250,000	122	43,301,000	.33	14,458,830	9,000,500	.27	2,461,625	817,237	17,737,692
1943	4,692,000	125	48,875,000	.40	19,537,500	22,300,000	.29	6,550,000	1,508,235	27,595,735
1944	4,500,000	137	51,390,000	.39	19,843,608	27,560,469	.32	8,812,977	1,676,368	30,332,953
1945	4,500,000	149	55,915,000	.42	23,415,150	26,694,674	.40	10,576,961	1,625,800	35,617,911
1946	3,925,500	148	48,447,000	.45	21,664,655	25,901,050	.37	9,630,422	1,707,026	33,002,103
1947	3,552,242	148	43,811,000	.58	25,313,285	18,000,000	.30	5,445,000	1,232,370	31,990,655
1948	3,936,240	150	49,203,000	.55	27,203,070	28,666,193	.34	9,671,012	1,571,888	38,445,970
1949	4,026,993	151	50,673,000	.47	23,864,667	38,798,025	.25	9,542,311	1,638,500	35,045,473
1950	3,728,289	152	47,225,000	.41	19,455,640	40,820,950	.26	10,624,235	1,761,565	31,841,440
1951	3,300,314	153	42,079,000	.54	22,831,598	30,471,456	.28	8,528,233	2,234,466	33,594,297
1952	3,231,039	154	41,465,000	.50	20,752,421	24,996,754	.27	6,853,630	2,175,812	29,781,863
1953	3,261,600	155	42,129,000	.54	22,861,240	23,284,639	** .28	6,095,255	2,419,693	31,376,183
1954	3,344,000	160	43,557,000	.40	17,250,923	21,763,518	** .26	4,365,933	1,746,000	23,369,287
1955	3,120,498	165	42,906,846	.42	18,180,325	29,917,646	** .27	7,219,794	2,057,932	27,453,051
1956	2,994,889	175	43,675,458	.39	16,833,276	26,460,614	** .24	5,220,044	2,245,573	24,298,893
1957	2,753,275	185	42,446,323	.36	15,420,184	30,541,982	** .19	5,651,418	2,327,259	23,398,861
1958	2,386,162	195	38,775,131	.37	14,014,496	30,199,976	** .19	5,008,637	2,542,255	21,565,383
1959	2,598,844	200	43,314,150	.30	13,383,969	24,476,291	** .18	3,947,765	4,079,693	21,411,427
1960	2,326,000	205	39,767,725	.34	13,782,337	26,430,117	** .19	3,499,962	4,276,588	21,553,837
1961	2,411,000	206	41,484,000	.31	13,229,200	31,853,000	** .15	3,499,000	5,637,400	22,365,600
1962	2,319,000	208	40,233,000	.30	12,180,000	"42,569,000	** .17	5,836,000	5,814,300	"23,830,300
1963	1,874,782	207	32,340,000	.31#	10,171,000	"34,957,000	** .18	5,721,000	4,176,000	"20,068,000

- * = Meat Bird pounds include hens sold plus fryers and roasters
- ** = Price of roasters and fryers only
- *** = Other poultry value includes: ducks, chicks, turkeys, turkey poult
- " = Broilers reported in previous years discontinued
- # = Sonoma County cost study 30.7 average per dozen

TOTAL PRODUCTION IN CALIFORNIA AND SONOMA COUNTY -- 1940 - 1963

Date	Total Eggs Produced in California	Total Eggs Produced in Sonoma County	% of Cal. Eggs Prod. in Sonoma County	Population in California Average	Eggs Per Person Produced in California	Approx. Ave. Consumption Per Person in U.S.	Ave. Number Eggs Per Person Not Produced in California	% U. S. Layers Prod. in Calif.
1940	1,761,000,000	570,000,000	32.0	6,950,000	253	319	66	2.4
1941	1,743,000,000	467,880,000	27.0	7,237,000	241	311	70	3.6
1942	2,001,000,000	519,612,000	26.0	7,735,000	259	318	59	3.7
1943	2,225,000,000	586,500,000	26.0	8,506,000	262	347	85	3.5
1944	2,538,000,000	616,680,000	24.0	8,945,000	284	354	70	3.9
1945	2,337,000,000	670,980,000	29.0	9,344,000	250	402	152	3.5
1946	2,516,000,000	581,364,000	23.0	9,559,000	263	379	116	3.9
1947	2,481,000,000	525,732,000	21.0	9,832,000	252	383	131	4.0
1948	2,673,000,000	590,436,000	22.0	10,064,000	266	389	123	4.3
1949	3,117,000,000	608,076,000	20.0	10,337,000	302	383	81	4.3
1950	3,314,000,000	566,700,000	17.0	10,609,000	312	389	77	5.1
1951	3,242,000,000	504,948,000	16.0	11,062,000	293	392	99	5.2
1952	3,550,000,000	497,580,000	14.0	11,542,000	308	390	82	5.5
1953	4,183,000,000	505,548,000	12.1	12,400,000	337	379	42	6.6
1954	4,350,000,000	520,285,008	12.0	12,812,000	340	376	36	6.6
1955	4,404,000,000	514,882,152	11.7	13,250,000	332	371	39	6.7
1956	4,500,000,000	524,105,496	11.6	13,808,100	326	369	43	6.6
1957	4,603,000,000	509,355,876	11.1	14,160,000	325	365	40	6.8
1958	4,871,000,000	465,301,572	9.6	14,364,000	339	355	16	7.2
1959	5,236,000,000	519,769,800	10.0	15,700,000	334	347	13	7.5
1960	5,678,000,000	477,224,736	8.4	15,830,000	359	330	+29	8.6
1961	6,248,000,000	499,056,000	8.0	16,445,000	380	325	+57	9.6
1962	6,907,000,000	482,796,000	7.0	17,250,000	400	324	+77	8.5
1963	7,408,000,000	388,080,000	5.2	18,000,000	412	316	+96	8.9

HOW WE COMPARE WITH OTHER YEARS

	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
No. of Records	21	24	23	17	24	27	24	24	20	18	18	13	13	13	13
Avg. No. Hens per Flk.	1619	1734	1716	1784	1920	2293	2759	2856	3140	2989	3986	4588	6739	8304	10974
Eggs Laid per Hen	197	210	209	228	218	228	231	232	236	243	243	232	227	226	219
<u>HENS:</u> % Mort.	22	16	14	11	15	13	11	12	11	11	12	15	18	17	17
% Culled	92	82	104	118	97	96	87	101	84	81	65	60	71	68	62
% Added	130	99	121	138	131	129	125	115	108	100	103	95	94	112	81
% Inc./Decr.	16	1	3	9	19	20	27	2	13	8	26	18	6	27	2
Avg. Price M&G (CWT)	3.93	3.67	4.04	4.42	4.14	3.79	3.60	3.58	3.50	3.47	3.44	3.21	3.26	3.24	3.33
Lbs M, G per Hen	141	128	138	146	144	135	135	127	126	123	122	124	116	117	112
% Mash	64	62	55	57	53	56	49	55	59	61	70	71	81	71	75
Hrs. Labor per Hen	1.8	1.4	1.5	1.2	1.2	1.2	1.0	1.0	1.1	.9	.8	.7	.5	.5	.4
Avg. Price per Dz. Eggs	49.5	41.9	54.9	48.6	55.0	40.7	42.8	40.1	36.7	38.4	30.7	35.2	33.0	28.7	30.7
Net Cost per Dz.	45.1	37.8	42.3	42.3	42.3	38.3	33.3	33.8	32.5	31.4	28.6	30.7	29.5	28.3	26.9
Mgt. Inc. per Dz.	4.4	4.1	12.6	6.3	12.7	2.4	9.5	6.3	4.2	7.0	2.1	5.4	3.5	.3	3.8
<u>INC. PER HEN:</u> Egg Sales	8.19	7.36	9.74	9.47	10.37	8.05	8.59	8.11	7.58	8.01	6.49	6.95	6.33	5.58	5.78
Poultry Sales	.67	.73	1.32	1.01	.95	.57	.56	.56	.40	.42	.26	.21	.19	.17	.17
Miscellaneous Income	.22	.22	.30	.05	.03	.04	.02	.02	.02	.01	--	--	--	.01	.02
Inventory Change	.26	--	-.12	.28	.57	.43	.60	.07	.10	.07	.54	.26	.18	.30	.10
<u>TOTAL INCOME</u>	9.34	8.31	11.24	10.81	11.92	9.09	9.77	8.76	8.10	8.51	7.29	7.42	6.70	6.06	6.07
<u>CASH & DEPR. COSTS:</u> Feed	5.68	4.78	5.66	6.51	6.03	5.15	4.91	4.60	4.46	4.32	4.25	3.89	3.80	3.83	3.74
Stock Bought	--	.53	.74	.78	.66	.60	.53	.48	.45	.51	.81	.60	.57	.77	.41
Miscellaneous	.68	.45	.53	.48	.57	.62	.47	.49	.46	.42	.32	.34	.38	.30	.26
Depreciation	.23	.21	.30	.32	.26	.27	.25	.26	.27	.27	.30	.28	.23	.22	.19
Hired Labor	.25	.26	.38	.15	.17	.24	.22	.24	.27	.30	.19	.24	.23	.21	.23
<u>TOTAL CASH & DEPR. COSTS</u>	6.84	6.23	7.61	8.24	7.69	6.88	6.38	6.07	5.91	5.82	5.87	5.35	5.21	5.33	4.83
<u>FARM INCOME</u>	2.50	2.08	3.63	2.57	4.23	2.21	3.38	2.69	2.19	2.69	1.42	2.07	1.49	.73	1.24
Family Labor	1.51	1.12	1.11	1.06	1.55	1.45	1.20	1.16	1.10	1.02	.96	.78	.60	.49	.37
Interest on Investment	.26	.24	.29	.28	.28	.29	.28	.27	.23	.22	.19	.21	.21	.17	.16
<u>MANAGEMENT INCOME</u>	.73	.72	2.25	1.25	2.40	.47	1.90	1.26	.86	1.45	.27	1.08	.68	.07	.71

The above study averages for Sonoma County for the last fifteen years represents a small sample from a large poultry industry and should indicate trends. However, they should not be considered applicable to the entire poultry business in this county. The 1963 records show a decided increase in number of birds per ranch, and the trend toward increasing flock size is continuing. Egg prices and farm income per hen are the second lowest since the beginning of this study. The 1963 poultrymen received 2.0 cents more per dozen than in 1962. In addition, we had a better cull price in 1963 -- 6.2 cents per hen better than 1962. The total costs were lower than we have ever had. The second lowest average egg price was only 30.7 cents per dozen, the same as in 1959. The question is: Will the egg prices for 1964 be similar to 1963 or 1962? The answer will be in the 1964 Poultry Egg Production and Management Study or other market information.

California plays an important role in the national production and consumption of turkeys, eggs, and broilers. Currently, California ranks number one in the production of eggs and turkeys, and number ten in the production of broiler meat.

In 1960, California had 9 per cent of the total United States' population. One would therefore expect that we consumed somewhere near 9 per cent of the total United States' consumption of turkeys, eggs, and broilers. In relation to the United States' total production, California produced, by weight, 19 per cent of the turkeys and 3.2 per cent of the broilers, as well as 9.3 per cent of the eggs.

This was quite a change from 1950, when California had 7.1 per cent of the United States' population and produced 6.9 per cent of the broilers, 5.9 per cent of the eggs, and 18 per cent of the turkeys.

Thus, ten years ago we imported fairly large quantities of eggs, some broiler meat, and probably exported more turkey meat than we do today.

SOURCES

Number of farms reporting taken from U. S. Bureau of the Census, Census of Agriculture 1959--California Counties.

Population estimates obtained from California State Department of Finance.

U. S. Economic Research Service, Poultry and Egg Situation, November, 1961, and earlier issues.

California Crop and Livestock Reporting Service, Poultry and Hatchery Production in California, annual issues.

California Poultry Industry, Today & Tomorrow, Olan D. Forker.

Poultry Business Facts, 1963-1964, Watt Publishing Company.

	Unit	1950	1955	1960	1961	1962a/	1963a/
California population	thousands	10,668	13,003	15,860	16,445	17,250	18,000
Eggs							
Average number of laying hens:							
United States	millions	340	309	294	294	297	296
California	"	18	21	25	28	31	33
Eggs per layer:							
United States	number	174	192	209	210	212	212
California	"	192	211	225	226	224	222
Eggs produced:							
California	millions	3,469	4,404	5,678	6,248	6,907	7,408
Average farm price:							
United States	cents per dozen	36.3	39.5	36.0	35.3 ^{c/}	33.7	34.4
California	"	41.5	41.7	35.6	33.8	30.4	31.4
California cash farm receipts from the sale of eggs	million dollars	114	149	167	173	174	193
Number of farms reporting eggs sold, California	number	28,393	17,473	8,850	7,250	5,890	--b/
Broilers							
California production ^{d/}	million pounds	134	150	192	226	217	224
United States consumption per capita ^{d/}	pounds	8.7	13.8	23.5	25.0	25.2	--b/
California production per capita ^{d/}	"	9.2	8.5	8.8	9.2	9.9	12.4
Average farm price, live weight:							
United States	cents per pound	27.4	23.2	16.9	14.2 ^{c/}	15.2	14.5
California	"	30.8	27.9	19.0	15.6 ^{c/}	17.0	16.8
California cash farm receipts from sale of broilers	million dollars	41	42	36	34	37	38
Number of farms reporting broilers sold, California	number	--b/	2,150	817	943	943	--b/
Turkeys							
Turkeys raised:							
United States	millions	44	66	85	107	92	93
California	"	7.2	10.2	14.5	18.0	17.5	15.2
Pounds sold from farms and consumed on farms, live weight:							
United States	million pounds	820	1,090	1,488	1,872	1,629	1,812
California	"	150	190	279	345	348	295
United States consumption per capita ^{d/}	pounds	4.1	5.0	6.3	7.4	7.1	--b/
Average farm price, live weight:							
United States	cents per pound	32.9	30.2	25.4	20.7 ^{c/}	21.6	22.3
California	"	28.5	28.8	25.5	20.7	20.5	21.7
California cash receipts from the sale of turkeys	million dollars	42.3	54.7	71.1	65.4	71.1	64.0
Number of farms reporting turkeys sold, California	number	7,792	6,125	2,452	2,464	2,464	--b/

a/ Estimated

b/ Blanks indicate data not available

c/ Simple average

d/ Ready to cook

* With 400 per farm and over

POULTRY MANAGEMENT STUDIES IN CALIFORNIA, 1957-1963

by Olan D. Forker, Extension Economist

Berkeley, June 1964

Management studies on egg production have been conducted by the Agricultural Extension Service since 1925. These studies are for the purpose of helping cooperating poultrymen improve their efficiency and profits, and to furnish useful data to others interested. Individual annual records are compiled from detailed monthly reports of production, expenses and income. Here are brief summary results of all record averages over the last seven years. Items are figured on average hens for the year on a hen-day basis. The estimates presented here are not necessarily representative of the state, but reflect only the conditions of the cooperating poultrymen.

	1957	1958	1959	1960	1961	1962	1963
Thousands of hens involved	666	994	913	1114	1120	1218	1163
Number of records	163	203	155	153	111	89	77
Average number of hens per flock	4033	4899	5892	7051	10187	13680	15175
Eggs laid per hen, hen-day basis	233	233	235	237	239	239	238
Dozen eggs sold per hen	19.4	19.4	19.6	19.7	19.9	20.0	19.8
Per cent mortality, hens	12.5	12.9	12.7	13.6	13.4	13.6	15.0
Per cent culled or removed	75.2	77.6	77.9	65.9	74.9	70.4	62.4
Per cent added as new layers	102.3	103.6	104.0	96.3	99.4	102.8	90.3
Per cent mortality of chicks to layers --	--	--	7.5	8.7	7.2	7.1	7.9
Average price of feed per cwt.	\$3.45	\$3.38	\$3.29	\$3.07	\$3.08	\$3.09	\$3.18
Pounds of feed per hen	120	117	116	114	115	115	111
Hours of labor per hen	1.0	0.8	0.7	0.6	0.5	0.5	0.4
Average price per dozen eggs	36.7¢	37.5¢	30.2¢	34.0¢	31.3¢	28.7¢	28.8¢
Net cost per dozen	32.6	30.7	29.3	27.5	26.6	25.3	25.1
Management income per dozen	4.1	6.8	0.4	6.5	4.7	2.9	3.7
Income per hen from eggs	\$7.14	\$7.29	\$5.91	\$6.69	\$6.23	\$5.73	\$5.70
Poultry sales	.31	.37	.23	.20	.21	.16	.15
Miscellaneous income, manure	.03	.04	.03	.02	.01	.00	.01
Increase in poultry stock inventory	.16	.22	.16	.21	.15	.20	.12
Total income per hen	\$7.64	\$7.92	\$6.33	\$7.12	\$6.60	\$6.17	\$5.93
Feed cost per hen	\$4.17	\$3.99	\$3.32	\$3.51	\$3.54	\$3.54	\$3.54
Poultry stock bought	.46	.51	.52	.43	.46	.52	.41
Miscellaneous costs	.49	.50	.44	.49	.41	.42	.36
Hired labor	.35	.44	.33	.36	.41	.39	.31
Value of operator's labor	.81	.59	.54	.47	.31	.22	.18
Depreciation	.32	.32	.31	.31	.30	.27	.24
Interest on investment	.26	.25	.24	.24	.23	.23	.21
Total expense per hen	\$6.36	\$6.60	\$6.25	\$5.86	\$5.66	\$5.59	\$5.25
Management income per hen	.78	1.32	.08	1.26	.94	.50	.73
Farm income per hen*	1.35	2.16	.86	1.97	1.40	1.03	1.12

*Farm income per hen is management income plus the value of the operator's labor and interest on the investment. It is the amount the operator makes from his management, labor, and all invested capital.

The 1,163,459 hens covered by these records represented about 3 per cent of the total number of hens in California during 1963.